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## Agenda

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

9:00 a.m.

\*Meeting will be held via webinar\*

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#### ACTION RECOMMENDED

1. Roll Call
2. Approval of Minutes - June 17, 2021 Approve
3. Public Comments - Limited to five speakers with three minutes per speaker. Others will be heard after Board Discussion items. If you have a report to present, please give your copies to the Clerk of the Board.

Please SILENCE electronics  
during the meeting

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San Diego Metropolitan Transit System (MTS) is a California public agency comprised of San Diego Transit Corp., San Diego Trolley, Inc. and San Diego and Arizona Eastern Railway Company (nonprofit public benefit corporations). MTS member agencies include the cities of Chula Vista, Coronado, El Cajon, Imperial Beach, La Mesa, Lemon Grove, National City, Poway, San Diego, Santee, and the County of San Diego. MTS is also the For-Hire Vehicle administrator for nine cities.

## CONSENT ITEMS

6. [Service and Maintenance of the Hegenschiedt Underfloor Wheel Truing Machine - Sole Source](#) Approve  
Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. PWL338.0-21, a sole source award to Simmons Machine Tool Corporation (SMTC), for service and maintenance of the Hegenschiedt Underfloor Wheel Truing Machine in the amount of \$263,355.00 for a period of five (5) years from August 1, 2021 to July 31, 2026.
7. [Bus Farebox Conversion – Amendment](#) Approve  
Action would authorize the Chief Executive Officer (CEO) to execute an amendment to MTS Doc. No. B0723.1-21, with Genfare, a Division of SPX Corporation, for additional software development services and spare parts for farebox refurbishment totaling \$254,795.45.
8. [Design Services for Las Chollas Creek Bridge Repair - Work Order Amendment](#) Approve  
Action would 1) Ratify Work Order WOA1951-AE-58.02 under MTS Doc No. G1951.0-17 with Mott MacDonald, LLC (MM) totaling \$78,883.66, for permitting support, bid support, and design support during construction services; 2) Ratify Work Order amendment WOA1951-AE-58.03 under MTS Doc No. G1951.0-17 with MM totaling \$18,000.00, for sediment collection and benthic community taxonomy; and 3) Authorize the Chief Executive Officer (CEO) to execute Work Order amendment WOA1951-AE-58.04 under MTS Doc. No. G1951.0-17, with MM totaling \$37,957.31, for required environmental monitoring and consulting with the Coastal Commission.
9. [Train Number Signs, Brackets and Support – Sole Source](#) Approve  
Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. L1593.0-21, a Sole Source award to Woojin IS America, Inc. (Woojin), to provide train number signs, brackets and support, as further described in the Scope of Work and Woojin Quote, in the amount of \$175,170.13.
10. [Provision of HPE Configure to Order \(CTO\) Servers and Support for Closed-Circuit Television \(CCTV\) Video Storage of San Diego Metropolitan Transit System \(MTS\) Server Refresh and Mid-Coast Trolley Extension Project– Purchase Order](#) Approve  
Action would the Chief Executive Officer (CEO) to execute a Purchase Order to Nth Generation Computing Inc. for the provision of HPE CTO Servers and ongoing support services for CCTV Video Storage of MTS Server Refresh and Mid-Coast Trolley Extension Project in the amount of \$123,126.10.
11. [Blue Line Rail Plug Install - Work Order Agreement](#) Approve  
Action would authorize the Chief Executive Officer (CEO) to execute Work Order No. MTSJOC269-12, under MTS Doc. No. PWG269.0-19, with Herzog Contracting Corp. (Herzog), in the amount of \$95,897.59, and a 10% contingency in the amount of \$9,589.76, for a total amount of \$105,487.35 for the provision of services, materials and equipment for the installation of rail plugs at six locations along the Blue Line right-of-way.

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| 12. | <p><a href="#"><u>Kearny Mesa Division (KMD) Zero Emission Bus (ZEB) Training Classroom –Work Order Agreement</u></a></p> <p>Action would authorize the Chief Executive Officer (CEO) to execute Work Order MTSJOC324-03 under Job Order Contract (JOC) to MTS Doc. No. PWG324.0-21 with ABC General Contractor, Inc. (ABCGC), in the amount of \$132,136.13, for construction of a ZEB training classroom at KMD.</p>   | Approve |
| 13. | <p><a href="#"><u>Fire Alarm Monitoring and Maintenance Services - Contract Award</u></a></p> <p>Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. PWG329.0-21, with Johnson Controls Fire Protection, LP (JCI), for the provision of fire alarm monitoring and maintenance services for a base period of three (3) years, with one (1) optional two-year extension, and one (1) optional five-year extension for a total contract value of \$1,181,926.04.</p> | Approve |
| 14. | <p><a href="#"><u>Increased Authorization for Legal Services Contracts To Pay Projected Expenses In Fiscal Year 2022</u></a></p> <p>Action would authorize the Chief Executive Officer (CEO) to execute amendments to the legal services contracts described herein increasing the dollar amounts of fifteen (15) legal services contracts by \$1,590,000 to cover anticipated Fiscal Year 2022 (FY 22) expenses.</p>  | Approve |
| 15. | <p><a href="#"><u>San Diego Metropolitan Transit System Regional Scheduling System HASTUS Version 2021 Upgrade and Purchase of The BidWeb Module - Sole Source</u></a></p> <p>Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. G2494.0-21 with GIRO for the HASTUS software, licensing and upgrade to version 2021, purchase of BidWeb module and first-year maintenance support services in the amount of \$2,064,180.00</p>                                  | Approve |
| 16. | <p><a href="#"><u>Construction Management (CM) On-Call Services – Contract Award</u></a></p> <p>Action authorize the Chief Executive Officer (CEO) to execute MTS CM On-Call Work Order based Master Agreements with up to six (6) firms, for the provision of On-Call CM services for a five-year period.</p>   | Approve |
| 17. | <p><a href="#"><u>Independent Auditing Services – Amendment</u></a></p> <p>Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. G1513.6-13 Contract Amendment with The Pun Group, to extend the contract to March 31, 2023, plus a 1 option year (to March 31, 2024), and add additional funds of \$473,000.00.</p>  | Approve |
| 18. | <p><a href="#"><u>One-Year Extension of The Fare Evasion Diversion Program Pilot</u></a></p> <p>Action would extend the Fare Evasion Diversion Program Pilot by twelve (12) months, until August 31, 2022.</p>   | Approve |
| 19. | <p><a href="#"><u>Closure of Three (3) County of San Diego Investment Accounts</u></a></p> <p>Action would approve the closure of three (3) MTS-owned County of San Diego investment accounts (account numbers 44066, 44078 and 44081) which supported Transit Security Grant Program (TSGP) and Public Transportation Modernization, Improvement, and Service Enhancement Account (PTMISEA) specific grant funded projects.</p>   | Approve |

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| 20. | <a href="#"><u>Amendment to Chief Executive Officer Employment Agreement</u></a><br>Action would approve an amendment to the Executive Employment Agreement (EEA) between MTS and Sharon Cooney to provide a merit bonus, one-time annual leave increase, and a three-year contract extension.  | Approve       |
| 21. | <a href="#"><u>California Department of Transportation (CALTRANS) Program of Projects for Federal Fiscal Year (FFY) 2021 Federal Transit Administration (FTA) Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA) Section 5311 Rural Area Formula Funding</u></a><br>Action would authorize the Chief Executive Officer (CEO) to file and execute any actions necessary on behalf of MTS with Caltrans and approve Resolution No. 21-09 authorizing the use of an application for \$888,898.00 of FFY 2021 CRRSAA Section 5311 Rural Area Formula funds for operating assistance in rural areas. | Approve       |
| 22. | <a href="#"><u>California Department of Transportation (CALTRANS) Program of Projects for Federal Fiscal Year (FFY) 2020 Federal Transit Administration (FTA) Coronavirus Aid, Relief, And Economic Security (CARES) Act Section 5311 Rural Area Formula Funding</u></a><br>Action would authorize the Chief Executive Officer (CEO) to file and execute any actions necessary on behalf of MTS with Caltrans and to approve Resolution No. 21-10 authorizing the use of an application for \$650,716.00 of FFY 2020 CARES Act Section 5311 Rural Area Formula funds for operating assistance in rural areas.         | Approve       |
| 23. | <a href="#"><u>San Diego and Arizona Eastern (SD&amp;AE) Railway Company Quarterly Reports and Ratification of Actions Taken by the SD&amp;AE Board of Directors at its Meeting on July 13, 2021</u></a><br>Action would receive the San Diego and Imperial Valley Railroad (SD&IV), Pacific Southwest Railway Museum Association (Museum), and Desert Line quarterly reports for information and ratify actions taken.   | Receive       |
| 24. | <a href="#"><u>Fiscal Year 2022 Transportation Development Act Claim</u></a><br>Action would adopt Resolution No. 21-11, 21-12, and 21-13 approving fiscal year 2022 Transportation Development Act Article 4.0, 4.5, and 8.0 claims.   | Adopt/Approve |
| 25. | <a href="#"><u>Approve Fiscal Year 2020-21 State Transit Assistance (STA) Claim Amendment</u></a><br>Action would adopt Resolution Nos. 21-11, 21-12, and 21-13 approving Fiscal Year (FY) 2022 Transportation Development Act Article 4.0, 4.5, and 8.0 claims.  | Approve       |
| 26. | <a href="#"><u>Proposed Revisions to San Diego Metropolitan Transit System (MTS) Policy No. 41 – Signature Authority</u></a><br>Action would approve the proposed revisions to MTS Policy No. 41 – Signature Authority.   | Approve       |

27. [Additional Staffing – One \(1\) Assistant System Safety Manager, and One \(1\) Assistant Manager of Field Operations](#) Approve  
 Action would authorize the Chief Executive Officer (CEO) to add one (1) Assistant System Safety Manager and one (1) Assistant Manager of Field Operations to the position tables previously approved in the Fiscal Year 2022 budget.

CLOSED SESSION

28. a. CLOSED SESSION – CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION Pursuant to California Government Code Section 54956.9(d)(1) Oran Franklin v. San Diego Metropolitan Transit System et al. San Diego Superior Court, Central Case No.: 37-2020-00024234-CU-PO-CTL Possible Action

NOTICED PUBLIC HEARINGS

- 29.. None.

DISCUSSION ITEMS

30. [Security Services – Contract Award \(Al Stiehler, Sam Elmer, Larry Marinesi\)](#) Approve  
 Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. G2359.0-20 with Inter-Con Security Services, for the provision of Security Services for three (3) base years with an option to extend for an additional two (2) years in the amount of \$66,004,286.
31. [Security and Passenger Safety Community Advisory Group Guidelines \(Julia Tuer\)](#) Approve  
 Action would approve the Security and Passenger Safety Community Advisory Group Guidelines.
32. [Title VI Monitoring Report for Service Policies \(Denis Desmond\)](#) Approve  
 Action would approve the 2021 Title VI Monitoring Report for Service Policies.

REPORT ITEMS

45. [Fiscal Year \(FY\) 2021 Third Quarter Performance Monitoring Report \(Denis Desmond\)](#) Informational
46. [Non-Fare Operating Revenue Report \(Rob Schupp\)](#) Informational
47. [Operations Budget Status Report for May 2021 \(Gordon Meyer\)](#) Informational

OTHER ITEMS

60. [Chair Report](#) Informational

61. [Chief Executive Officer's Report](#) Informational
62. Board Member Communications Informational
63. Additional Public Comments Not on the Agenda  
If the limit of 5 speakers is exceeded under No. 3 (Public Comments) on this agenda, additional speakers will be taken at this time. If you have a report to present, please furnish a copy to the Clerk of the Board. Subjects of previous hearings or agenda items may not again be addressed under Public Comments.
64. Next Meeting Date: September 16, 2021.
65. Adjournment

MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM  
BOARD OF DIRECTORS  
1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101

MINUTES

June 17, 2021

[Clerk's note: Except where noted, public, staff and board member comments are paraphrased. Note that the meeting was conducted via webinar to comply with public health orders].

1. Roll Call

Chair Fletcher called the Board meeting to order at 9:02 a.m. A roll call sheet listing Board member attendance is attached.

2. Approval of Minutes

Board Member Salas moved to approve the minutes of the May 13, 2021, MTS Board of Directors meeting. Board Member Goble seconded the motion, and the vote was 14 to 0 in favor with Board Member Arapostathis absent.

3. Public Comment

There were no Public Comments.

CONSENT ITEMS:

6. Stormwater Management Services - Contract Award

Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. PWG332.0-21, with SoCal Stormwater Runoff Solution Services, Inc. (SoCal), for the provision of stormwater management services for a period of five (5) years, and one (1) optional five-year extension for a total contract value of \$1,177,200.18.

7. Traction Power Substations (TPSS) Buildings Repair – Construction Change Orders (CCO)

Action would 1) Ratify CCO 01 to Work Order MTSJOC312-01, under Job Order Contract (JOC) MTS Doc No. PWL312.0-20 with HMS Construction, Inc. (HMS), totaling \$11,042.92 for sealing, caulking, and painting of the siding panels of the substations; and 2) Authorize the Chief Executive Officer (CEO) to execute CCO 02 to Work Order MTSJOC312-02, under JOC MTS Doc No. PWL312.0-20 with HMS, totaling \$146,341.65 for the repair of an additional seven (7) TPSS locations on the Green Line.

8. Design Services For South Bay Maintenance Facility (SBMF) Electric Bus Charging Project – Work Order Amendment

Action would 1) Ratify Work Order WOA2075-AE-50.02 under MTS Doc No. G2075.0-18 with Dokken Engineering (Dokken) totaling \$88,412.96, to support Phase 2 battery electric bus (BEB) improvements, charging to dispenser ratio changes, as well as the application and processing of a Building Permit package through the City of Chula Vista Development Services Department; and 2) Authorize the Chief Executive Officer (CEO) to execute Work Order WOA2075-AE-50.03 under MTS Doc. No. G2075.0-18 with Dokken in the amount of \$36,896.94 for additional design services to add a permanent natural gas generator to the project.

9. Rail Replacement - America Plaza and Kettner Grade Crossing - Work Order Agreement  
Action would authorize the Chief Executive Officer (CEO) to execute Work Order No. MTSJOC269-11, under Job Order Contract (JOC) to MTS Doc. No. PWG269.0-19, with Herzog Contracting Corp. (Herzog), in the amount of \$698,473.76 for the replacement of the rail at America Plaza Trolley Station and the replacement of the adjacent grade crossing located at Kettner Boulevard.
10. On-Call Plumbing Repair Services - Contract Award  
Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. PWG331.0-21, with Drain Medic, Inc., (Drain Medic), a Woman Owned Business Enterprise (WBE) and Small Business (SB), for on-call plumbing repair services for a period of one (1) base year and an additional two (2) option years for a total contract value of \$341,849.61.
11. Amendment to Codified San Diego Metropolitan Transit System (MTS) Fare Ordinance No.4  
Action would approve the revisions to MTS Fare Ordinance No.4 to comply with the San Diego Association of Governments (SANDAG) recently adopted Regional Comprehensive Fare Ordinance revisions (as described in Attachment A) generated by the Fare Study, and other non-substantive changes.
12. Supply 115RE Head Hardened Steel Rail – Contract Award  
Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. L1575.0-21 (in substantially the same format as Attachment A), with Progress Rail Services Corporation, for the one-time supply of 106 tons of 115RE head hardened steel rail, in the amount of \$132,375.19.
13. Fare Collection Change Orders – Amendment  
Action would authorize the Chief Executive Officer (CEO) to execute Amendment No. 7 to MTS Doc. No. G2091.0-18, with Innovations in Transportation, Inc. (INIT), for a total contract increase of \$270,050.09.
14. Closed-Circuit Television (CCTV) System Installation for The Mid-Coast Trolley Extension Project – Change Orders  
Action would 1) Ratify Construction Change Order (CCO) 1 under MTS Doc No. PWL320.0-21 with Electro Specialty Systems (ESS) totaling \$52,939.53; and 2) Authorize the Chief Executive Officer (CEO) to execute CCO 2 under MTS Doc No. PWL320.2-21 with ESS in the amount of \$92,252.16 for additional camera coverage at all Mid-Coast Stations and Parking Lots/Structures.
15. Kearny Mesa Division (KMD) Hoists Construction – Contract Award  
Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. PWB317.0-20, with Western Pump Inc., a Small Business (SB), for KMD Hoists Construction in the amount of \$4,213,648 plus 10% contingency, for a total of \$4,635,012.80.
16. Printed Circuit Boards (PCBs) and Electronic Components for Light Rail Vehicles (LRVs) – SOLE SOURCE CONTRACT AWARD  
Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. L1572.0-21, a Sole Source award to Siemens Mobility Inc., to provide PCBs and Electronic Components



for LRVs as further described in the attached list, in the amount of \$14,600,000 for a seven (7) year period from July 1, 2021 to June 30, 2028.

17. Semiannual Uniform Report of Disadvantaged Business Enterprise (DBE) Awards and Payments
18. Disadvantaged Business Enterprise (DBE) Overall Goal for Federal Fiscal Years 2022-2024  
Action would adopt a 6.3% Overall DBE Goal for DBE-participation in federally funded contracts for Federal Fiscal Years (FFY) 2022 to 2024.

#### COMMENTS – CONSENT ITEMS

Board Member Montgomery Steppe commented on item 18 by thanking staff for outreaching to organizations such as the National Society of Black Engineers, Society of Hispanic Engineers and Black Contractors Association in order to meet DBE goals. She also thanked MTS Chief Executive Officer Sharon Cooney for offering transportation to her district during a boil water alert over the weekend.

#### Action on Recommended Consent Items

Board Member Montgomery Steppe moved to approve Consent Agenda Item Nos. 6 to 18. Chair Fletcher seconded the motion, and the vote was 14 to 0 in favor with Board Member Arapostathis absent.

#### NOTICED PUBLIC HEARINGS

25. None.

#### REPORT ITEMS (ITEMS TAKEN OUT OF ORDER):

45. Draft 2021 Regional Plan Update (Hasan Ikhata, Coleen Clementson and Jennifer Williamson)

Hasan Ikhata, Coleen Clementson and Jennifer Williamson of SANDAG presented on the draft 2021 Regional Plan. They provided details on: the planning approach, challenges, data driven planning, social equity populations, 5 big moves, transit leap, mobility hub areas and flexible fleet coverage and an envisioned integrated system.

#### MEMBER COMMENTS

Board Member Salas emphasized the importance of integrating grade separations and improvements on the Blue Line. She acknowledged a one-hour commute from the border to UC San Diego without the grade separations. She encouraged the board to support a faster commute time by adding grade separations on the Blue Line.

Mr. Ikhata supported Board Member Salas' comment. He stated that the implementation would be costly, but an overall positive investment for the region.

Board Member Salas also referenced previous conversations to incorporate a third rail line that would increase operational hours on the Blue Line. She hoped to see that addition in future regional plans.

Board Member Moreno referenced the social equity working group and was excited to see the community involvement in the creation of the Regional Plan. She asked SANDAG staff if they believed Youth Opportunity Passes would increase ridership.

Mr. Ikhata explained that ridership for that demographic is currently low because of COVID-19. He acknowledged that in previous years, similar fare decreases have shown an increase in ridership. However, it would be difficult making a similar speculation with the current pandemic.

Board Member Moreno thanked Mr. Ikhata for his response and praised SANDAG staff for their community engagement efforts.

Board Member Montgomery Steppe thanked the SANDAG staff for the presentation and development of the vision. She asked if there were any considerations for state route 54 in transportation improvement or connections to the route. She asked if those areas may be covered through flexible fleet concepts.

Ms. Williamson stated there was not a route that operated across the 54. She referenced next generation rapid routes in Chula Vista that run east to west which provide connectivity to activity centers. She continued that the 125 provides bi-directional service into the urban areas and 805 area up to east county. She acknowledged that while the 54 isn't served directly with a rapid route, there is connectivity to other rapid routes that are connecting to that community.

Board Member Elo-Rivera noted the importance of long term and immediate needs. He supported investments in bus routes to create reliability and increase frequency, investments in high ridership lines, revisiting the Blue Line express, and 24-hour frequencies. He asked about the Taxi industry and asked how they fit into the vision. He emphasized dignity and encouraged the accessibility of bathrooms.

Ms. Williamson acknowledged Taxicabs as micro mobility forms of transportation and part of the flexible fleet network of services.

Mr. Ikhata defined flexible fleet services as an additional transportation choice for those who are not able to access a personal vehicle. He listed various modes of funding opportunities and noted that the agency is continuously seeking funding in order to improve the region.

Board Member Elo-Rivera re-emphasized that Taxi drivers are part of the future vision and encouraged that the industry is included as a vision for the future. He voiced his support for Youth Opportunity Passes. He also recognized health and dignity of transit riders to include bathrooms and hand washing stations as a public health issue and public amenity.

Vice Chair Sotelo-Solis supported the immediate improvement of the bus system, Blue Line express with 24-hour service, Youth Opportunity Passes, electrification of bus fleets in 2030, and a bathroom assessment study.

Board Member Sandke acknowledged the rail improvements face funding challenges along with right of way obstacles. He continued that San Diego Bay offers free right of way. He asked the status of the Ferry Services as a form of transportation to connect the military and South Bay community. He also asked about plans for trolley connectivity to the airport.

Mr. Ikhata noted connectivity to the airport is a high priority project and that the agency is analyzing data to see the most efficient and cost-effective form of connection. He clarified that one possible connection would be a subterranean connection.

Ms. Williamson replied that the plan does have funding allocated to ferry services. She clarified that routes have not been defined in the plan. She cited a South Bay to Sorrento Valley comprehensive corridor multimodal study, which would help develop future routes.

Board Member Sandke referenced Seattle and San Francisco as case studies for viable ferry services. He thanked Mr. Ikhata for his comments and urged that this service be implemented as soon as possible.

Board Member Goble commented that the regional plan is centered on an electrical powered system. He noted that California ISO issued a flex alert warning for electricity shortages. He asked about SANDAG's conversations with the state to support the anticipated electrified infrastructure.

Mr. Ikhata confirmed conversations with the State and its ability to support the infrastructure demands.

Board Member Aguirre thanked SANDAG for its outreach efforts. She emphasized the importance of the investment of transit today for the future. She encouraged the organization to think about how to best move the workforce community to job centers and reducing commuting intervals. She voiced support of bathroom necessities and acknowledged that for women this amenity incorporates safety. She also supported Youth Opportunity Passes.

Mr. Ikhata encouraged Board Member Aguirre to participate in the Social Equity Group at SANDAG to lead starting point discussions.

Board Member Galvez voiced her support towards the Blue Line express, grade separations on the Blue Line, San Ysidro Transit Center bathrooms for families, trolley to the airport and micro transit opportunities.

Chair Fletcher appreciated the transformative visionary projects presented. He acknowledged that these types of projects require time to plan and develop. He appreciated the optimism for more service and infrastructure while acknowledging the construction and monetary restrictions. He acknowledged the essential need to improve the system with increased funding and service. He listed the topics of interest previous members noted as not only infrastructure changes, but also the experience for the riders. He highlighted interest for a regional waterway system. Lastly, he urged the agency to prioritize trolley service to the airport.

#### Public Comment

*Maria Cortez* – Provided a verbal statement to the Board during the meeting. Cortez supported further improvements to the Blue Line and Purple Line. Cortez expressed enthusiasm for passage through City Heights. Cortez also supported restrooms and 24-hour Blue Line service. Cortez thanked community leaders from SANDAG, MTS and other Board representatives.

*Michelle Krug* – Provided a verbal statement to the Board during the meeting. Krug agreed with Maria Cortez's statements. Krug encouraged and supported 24-hour service. Krug expressed gratefulness for the SANDAG vision.

*Randy Torres Van Vleck* – Representing City Heights CDC made a verbal statement to the Board during the meeting. Van Vleck noted the release of the Regional Plan as a critical milestone for the region. Van Vleck highlighted various priorities such as the Commuter Rail System (Purple Line), the rapid network, 24-hour service, third track for the Blue Line, dignified

rider experiences, bathroom accessibility and Youth Opportunity Passes. Van Vleck thanked various members of the Board.

#### MEMBER COMMENTS

Mr. Ikhata thanked members of the Board for their comments and stated their comments would be incorporated into the plan. He noted the short- and long-term objectives.

#### Action Taken

No action taken. Informational item only.

#### DISCUSSION ITEMS:

##### 30. Riverwalk Station Agreement (Karen Landers)

Karen Landers, MTS General Counsel, along with Pete Shearer of Hines, presented on the Riverwalk Station Agreement. They outlined: the site plan, land use map, trolley and town square, an estimated timeline, MTS proposed action plan, CEQA findings, recommendation number 1, Riverwalk station agreement, site plan, Surplus Land Act findings, and staff recommendations.

Ms. Cooney thanked Hines and Levi Cushman family for the great working relationship and their ability to carry out the agency's vision for this site.

Chair Fletcher announced his excitement for the project.

Board Member Whitburn asked about the access to the park from the trolley station.

Mr. Shearer replied there was great accessibility to the park from the station. He noted that street J will extend and connect to create a seamless walking experience.

Board Member Hall asked the developer to confirm 3,800 units would be created.

Mr. Shearer clarified there would be a total of 4,300 units, of which 3,870 would be market rate and 430 would be affordable units.

Board Member Hall asked about the distance between the park and trolley.

Mr. Shearer replied that this would be a 50 foot walkway.

Board Member Arapostathis asked about the proximity to a grocery store.

Mr. Shearer noted this area was a food desert. He stated that during phase one of the project, a grocery store will be introduced to the transit village.

Ms. Cooney replied that was an important piece to the planning of the site. She clarified that the initial motive to introduce the grocery store was intended to create jobs.

Board Member Arapostathis clarified that he is an advocate of communities of poverty and was concerned about the accessibility to grocery stores in new developments. He was otherwise in favor of the project.

Action Taken

Chair Fletcher moved to 1) In compliance with CEQA Guidelines 15096: (a) independently review the environmental effects of the project as shown in Final Environmental Impact Report No. 581984/State Clearing House No. 2018041028 certified by the City of San Diego on November 17, 2020 (EIR), and find that none of the conditions described in CEQA Guidelines 15162 or 15163 exist as there has been no substantial change in the project, change in circumstances, or new information regarding a new impact or significant increase in the severity of an environmental impact in the months since the EIR was certified so no subsequent or supplemental EIR is required; (b) independently review the CEQA Guidelines Section 15091 and 15093 findings for the Riverwalk EIR, incorporated by reference herein, and adopt the findings as its own; (c) consider the EIR as prepared by the City; (d) find that, consistent with the CEQA Guidelines Section 15091 and 15093 findings, there are no feasible alternatives or feasible mitigation measures within MTS's powers that would substantially lessen or avoid any significant effect the project would have on the environment; and (e) order MTS staff to file a notice of determination; 2) Authorize the Chief Executive Officer (CEO) to execute the Riverwalk Station Agreement, in substantially the same format as Attachment A (Agreement), and effectuate the property rights transfers set forth therein; and 3) Declare the Triangle Parcel (Exhibit I to the Agreement) and the Fashion Valley Road Dedication Parcel (Exhibit H to the Agreement) to be "Exempt Surplus Land" pursuant to Government Code section 54221(f)(1)(C), (D), and (E). Board Member Sandke seconded the motion, and the vote was 15 to 0 in favor.

31. Ridership Recovery Action Plan (Rob Schupp)

Rob Schupp, MTS Director of Marketing and Communications, presented on the agency's ridership recovery action plan including: ridership gains, ridership modeling, pre-pandemic campaigns, campaigns during pandemic, transit inducements, rider experience enhancements, upcoming recovery campaigns and ridership goals.

Chair Fletcher restated the Board's intent to reestablish its ridership through innovative ideas. He acknowledged the success the agency has had with free ride day in the past and showcases free ride month as a bold and innovative investment to entice riders back on the system.

Public Comment

*Michael Horgan* – Provided a verbal statement to the Board during the meeting. Horgan supported the recommendation.

*Michelle Krug* – Provided a verbal statement to the Board during the meeting. Krug supported the changes and supported the September free ride month. Krug encouraged the Board to make the fare systems transition from one to three months.

MEMBER COMMENTS

Board Member Salas supported the PRONTO fare collection system and appreciated that it was available on a digital platform.

Board Member Moreno acknowledged this campaign was a great initial step, but would like to see a more market research-based plan. She is concerned with getting new customers, understanding the target audience and what would convince them to use the system rather than purchasing a personal vehicle. She is hopeful that capturing data could be the backbone to the

ridership recovery plan. She also recommended staff explore the impact of Youth Opportunity Passes for ridership recovery in order to increase ridership long term.

Board Member Goble added that a common misconception about public transportation is the lack of cleanliness and security. He cited figures from an article, which referenced more work from home and potentially fewer commuting trips on transit systems. He emphasized employers as a target audience. He stated that public transportation passes can be provided as a reliable and consistent employee incentive benefit.

Board Member Elo-Rivera asked about the agency's plan to capture various ridership and demographics data.

Mr. Schupp responded that demographic and customer satisfaction survey will help contribute to the data set.

Ms. Cooney added that the Planning Department monitors ridership daily and with that data, the agency is able to analyze specific routes.

Board Member Elo-Rivera replied that September Free Ride Month could be used to build ridership long-term. He would like to see data collection efforts on new riders and survey questions to gauge fare free transit and additional amenity interest. He noted initiatives such as Youth Opportunity Passes are a key to recovering ridership and developing a sustainable transit system. He is hopeful the month of September will be the best customer service month for the agency.

Board Member Aguirre appreciated the outreach plan. She asked for the agency to post set times and days for riders to be able to seek out assistance as the agency transitions to the new fare system. She appreciated the idea of Wi-Fi on buses and encouraged the advertisement of the fare transition in Tijuana.

Board Member Whitburn commended the agency in its partnership with the unsheltered population.

Board Member Montgomery Steppe supported the effort and noted that she had additional outreach ideas and partnerships with organizations to spread the message. However, in order to preserve time, she would talk to staff about them at a later date.

Chair Fletcher encouraged the idea of community outreach packets that could be distributed to Board members and community partners to promote the campaign.

#### Action Taken

Board Member Montgomery Steppe moved to approve the PRONTO promotional event providing free rides during September 2021 to any customer that registers with a new PRONTO account. Chair Fletcher seconded the motion, and the vote was 14 to 0 in favor, with Board Member Salas absent.

#### REPORT ITEMS

46. Non-Fare Operating Revenue Report (Sharon Cooney)

The Board waived the staff report for this item.

47. Operations Budget Status Report for April 2021 (Gordon Meyer)

The Board waived the staff report for this item.

OTHER ITEMS

60. Chair Report

There was no Chair report.

61. Chief Executive Officer's Report

Ms. Cooney stated that MTS's first-generation trolley cars were previously sold to operate in Mendoza, Argentina. Second-generation cars now need to be recycled and Mendoza would like to use them to expand their system. Ms. Cooney was excited to share the opportunity to upcycle the previous generation of vehicles.

62. Board Member Communications

There were no Board Member communications.

63. Additional Public Comments on Items Not on the Agenda

*Michelle Krug* – Provided a verbal statement to the Board during the meeting. Krug is thankful for the platform transition to Zoom. Krug also encouraged staff to provide bus drivers with PRONTO cards to help in distribution.

64. Next Meeting Date

The next regularly scheduled Board meeting is July 29, 2021.

CLOSED SESSION (ITEMS TAKEN OUT OF ORDER):

24. Closed Session Items

The Board convened to Closed Session at 11:15 a.m.

- a. CLOSED SESSION – CONFERENCE WITH REAL PROPERTY NEGOTIATORS Pursuant to California Government Code Section 54956.8

Property: The San Diego and Arizona Eastern Railway Company (SD&AE) Desert Line from approximate Mile Post 60 to approximate Mile Post 130 (Division to Plaster City) in San Diego and Imperial Counties

Agency Negotiators: Sharon Cooney, Chief Executive Officer; Karen Landers, General Counsel

Negotiating Parties: Baja California Railroad, Inc. (BJRR)

Under Negotiation: Price and Terms of Payment under Desert Line Lease and Operating Agreement

CLOSED SESSION – CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION Pursuant to California Government Code Section 54959.9(d)(4) (One potential case – Baja California Railroad, Inc.)

- b. CLOSED SESSION - PUBLIC EMPLOYEE PERFORMANCE EVALUATION/ CONFERENCE WITH LABOR NEGOTIATORS – CHIEF EXECUTIVE OFFICER Pursuant to California Government Code Sections 54957 and 54957.6;

Agency-Designated Representative: Nathan Fletcher, Chair

Employee: Sharon Cooney, CEO

The Board reconvened to Open Session at 12:02 a.m.

Oral Report of Final Actions Taken in Closed Session

Karen Landers, General Counsel, reported the following:

- a. The Board received a report from staff and gave instructions to legal counsel and negotiators.
- b. The Board conducted a performance evaluation and gave instructions to its negotiator.

65. Adjournment

Chair Fletcher adjourned the meeting at 12:14 p.m.

/S/ Nathan Fletcher  
 Chairperson  
 San Diego Metropolitan Transit System

Filed by:

Approved as to form:

/S/ Dalia Gonzalez  
 Clerk of the Board  
 San Diego Metropolitan Transit System

/S/ Karen Landers  
 General Counsel  
 San Diego Metropolitan Transit System

Attachment: Roll Call Sheet



SAN DIEGO METROPOLITAN TRANSIT SYSTEM  
BOARD OF DIRECTORS  
ROLL CALL

MEETING OF (DATE): June 17, 2021 CALL TO ORDER (TIME): 9:02 am  
 RECESS: \_\_\_\_\_ RECONVENE: \_\_\_\_\_  
 CLOSED SESSION: 11:15 am RECONVENE: 11:58am  
 PUBLIC HEARING: \_\_\_\_\_ RECONVENE: \_\_\_\_\_  
 ORDINANCES ADOPTED: 1 ADJOURN: 12:02 pm

BOARD MEMBER		(Alternate)		PRESENT (TIME ARRIVED)	ABSENT (TIME LEFT)
FLETCHER	<input checked="" type="checkbox"/>	(Vargas)	<input type="checkbox"/>	9:02 am	11:58am
SOTELO-SOLIS	<input checked="" type="checkbox"/>	(Bush)	<input type="checkbox"/>	9:02 am	11:58am
AGUIRRE	<input checked="" type="checkbox"/>	(Leyba-Gonzalez)	<input type="checkbox"/>	9:02 am	11:58am
ELO-RIVERA	<input checked="" type="checkbox"/>	(LaCava)	<input type="checkbox"/>	9:02 am	11:58am
FRANK	<input checked="" type="checkbox"/>	(Mullin)	<input type="checkbox"/>	9:02 am	11:58am
GALVEZ	<input checked="" type="checkbox"/>	(Cardenas)	<input type="checkbox"/>	9:02 am	11:58am
GASTIL	<input type="checkbox"/>	(Mendoza)	<input checked="" type="checkbox"/>	9:02 am	11:58am
GLORIA	<input type="checkbox"/>	(Whitburn)	<input checked="" type="checkbox"/>	9:02 am	11:58am
GOBLE	<input checked="" type="checkbox"/>	(Ortiz)	<input type="checkbox"/>	9:02 am	11:58am
HALL	<input checked="" type="checkbox"/>	(McNelis)	<input type="checkbox"/>	9:02 am	11:58am
MONTGOMERY STEPPE	<input checked="" type="checkbox"/>	(Von Wilpert)	<input type="checkbox"/>	9:02 am	11:58am
MORENO	<input checked="" type="checkbox"/>	(Campillo)	<input type="checkbox"/>	9:02 am	11:58am
SALAS	<input checked="" type="checkbox"/>	(Cardenas)	<input type="checkbox"/>	9:02 am	11:24 am
SANDKE	<input checked="" type="checkbox"/>	(Bailey)	<input type="checkbox"/>	9:02 am	11:58am
ARAPOSTATHIS	<input checked="" type="checkbox"/>	(Shu)	<input type="checkbox"/>	9:29am	11:58am

SIGNED BY THE CLERK OF THE BOARD:

/S/ Dalia Gonzalez



1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101-7490  
(619) 231-1466 • FAX (619) 234-3407

## Agenda Item No. 6

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

SERVICE AND MAINTENANCE OF THE HEGENSCHIEDT UNDERFLOOR WHEEL  
TRUING MACHINE - SOLE SOURCE

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. PWL338.0-21, (in substantially the same format as Attachment A), a sole source award to Simmons Machine Tool Corporation (SMTC), for service and maintenance of the Hegenschiedt Underfloor Wheel Truing Machine in the amount of \$263,355.00 for a period of five (5) years from August 1, 2021 to July 31, 2026.

#### Budget Impact

The total budget for this project shall not exceed \$263,355.00. This project is funded by the Light Rail Vehicle (LRV) Maintenance Operations Budget 350016-536500.

#### DISCUSSION:

On November 15, 2012 (AI 16 and 17), the Board approved the procurement of a new wheel truing machine from SMTC for installation in San Diego Trolley Inc. (SDTI) maintenance facility at 1535 Newton Street (Building C). The new wheel truing machine was purchased to add capacity and supplement the use of an existing unit acquired in the 1980s. Wheel truing machines are a necessity in MTS's Trolley operations as they are used to reshape (i.e., tune) LRV tires as they lose diameter parity and sustain abnormal profiles as a result of constant rotation during normal train service. Maintaining LRV tire diameter parity and profiles are recommended in the Association of American Railroads (AAR) Wheel and Axle Manual.

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San Diego Metropolitan Transit System (MTS) is a California public agency comprised of San Diego Transit Corp., San Diego Trolley, Inc. and San Diego and Arizona Eastern Railway Company (nonprofit public benefit corporations). MTS member agencies include the cities of Chula Vista, Coronado, El Cajon, Imperial Beach, La Mesa, Lemon Grove, National City, Poway, San Diego, Santee, and the County of San Diego. MTS is also the For-Hire Vehicle administrator for nine cities.

Replacement of the machine included facility renovations necessary to accommodate the new equipment, which must be placed in a below ground pit to provide machine access to the LRV tires. Procurement, design, and construction/installation of the machine was finally completed in or about July 2017.

Unfortunately, less than eighteen (18) months after the new machine was operational, on December 6, 2018, a severe storm caused significant flooding in and around Building C. During this weather event, the Building C maintenance pits filled with flood waters including the pit that contained the wheel truing machine. In addition to the flooding in the maintenance pits, the entire building was overcome by 3-4 inches of water. Approximately 300,000 gallons of flood water was pumped out of the building to recover the facility. Following the removal of the water, all LRV maintenance support equipment was inspected for damages and suitability for use. The LRV wheel truing machine was disassembled and inspected jointly by members of the MTS LRV Maintenance team, SMTC (as the supplier of the wheel truing machine) and a 3rd party insurance administrator. The results of the inspection indicated that the machine and auxiliary equipment had suffered catastrophic damage and was a total loss. MTS's property insurance carrier accepted MTS's claim and MTS began the process of procuring a replacement wheel truing machine on April 11, 2019 (AI 13).

The replacement machine installation was completed in June 2021. Today's action would be to procure maintenance services for the machine from the original equipment manufacturer, SMTC. The wheel truing machine requires periodic maintenance and calibration to ensure trouble free operation. This machine is critical to SDTI operations, as it provides a means of ensuring that the wheels under the LRV provide a safe means of transport for riders and that they meet local, state, and federal specifications.

SDTI LRV mechanics received training from SMTC during the installation and commissioning of the machine for day to day maintenance and upkeep, but not for the calibration of the machine's laser system, or for heavy maintenance and repair. At this time SDTI does not have the expertise to perform the work required.

SMTC is the North American representative of the Machine. There is no other North American vendor that is qualified, and has the technical expertise to effectively maintain, troubleshoot and calibrate this Machine. Furthermore, in order to maintain the Machine's warranty, SMTC requires all maintenance work to be performed by LRV staff, SMTC, or contactors hired by SMTC.

SMTC will provide a five (5) year maintenance program in the amount of \$263,355.00 at the same unit prices for the same maintenance agreement in 2018. Thus, based on MTS's historical costs, and an Independent Cost Estimate (ICE) in the amount of \$272,219.00, staff deemed the proposal pricing fair and reasonable.

Therefore, staff recommends that the MTS Board authorize the CEO to execute MTS Doc. No. PWL338.0-21, (in substantially the same format as Attachment A), a sole source award to SMTC for service and maintenance of the Machine in the amount of \$263,355.00 for a period of five (5) years from August 1, 2021 to July 31, 2026.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachment: A. Draft Agreement MTS Doc. No. PWL338.0-21

**STANDARD AGREEMENT  
FOR  
MTS DOC. NO. L1585.0-21**

THIS AGREEMENT is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2021 in the State of California by and between San Diego Metropolitan Transit System ("MTS"), a California public agency, and the following, hereinafter referred to as "Contractor":

Name: Simmons Machine Tool Corporation Address: 1700 North Broadway  
Albany NY 12204  
City State Zip  
Form of Business: Corporation Email: cdethorne@smtgroup.com  
(Corporation, Partnership, Sole Proprietor, etc.)  
Telephone: 518.462.5431

Authorized person to sign contracts Carol De Thorne Manager, Customer Service Center  
Name Title

The Contractor agrees to provide as specified in the conformed Scope of Work/Technical Specification, including contractor’s pricing (Exhibit A), and in accordance with the Standard Agreement, including Standard Conditions (Exhibit B), Federal Requirements (Exhibit C), Forms (Exhibit D), and Policy 44C Travel Guidelines for Contractors (Exhibit E).

The contract term is for up to five (5) years effective from August 1, 2021 to July 31, 2026.

Payment terms shall be net 30 days from invoice date. The total cost of this contract shall not exceed \$263,355.00 without the express written consent of MTS.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	SIMMONS MACHINE TOOL COMPANY
By: _____ Sharon Cooney, Chief Executive Officer Approved as to form: By: _____ Karen Landers, General Counsel	By _____ Title: _____



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San Diego, CA 92101-7490  
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## Agenda Item No. 7

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

BUS FAREBOX CONVERSION – AMENDMENT

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute an amendment to MTS Doc. No. B0723.1-21 (in substantially the same format as Attachment A), with Genfare, a Division of SPX Corporation, for additional software development services and spare parts for farebox refurbishment totaling \$254,795.45.

#### Budget Impact

The total budget for this project shall not exceed \$254,795.45, bringing the overall contract total to \$3,811,106.06. This project is funded by the MTS Capital Improvement Project (CIP) 1009004902 - Fare System Upgrade.

#### DISCUSSION:

On December 10, 2020, the MTS Board approved MTS Doc. No. B0723.0-21 for the refurbishment of bus registering fareboxes to a simplified process of collecting one-way cash fares onboard the bus fleet. This contract included provision of services, equipment, software, parts, and support for ten (10) years, effective February 1, 2021.

This amendment to the original contract adds the following changes:

1. Additional software development and testing to improve fare set functionality:  
The refurbishment of the farebox will allow the onboard unit to hold the primary fare set locally on the device. Although there is a primary fare set (Urban default fare of \$2.50/\$1.25), there may be instances in which a bus will need to be switched to



Rural or Premium fare sets. The software changes will allow the driver to manually switch to another fare set with a key-press sequence rather than needing a cable and exterior device to re-program the unit.

2. Additional hardware and installation for bus revenue operations:

It is necessary to order additional spare parts to adequately account for bus fleet changes since the original order. The additional parts will better support bus revenue operation, training and testing needs.

In creating the MTS Independent Cost Estimate (ICE) to determine cost fair and reasonableness, MTS used data provided by its consultant Jacobs Consulting, specializing in transit payment systems. The ICE range is between a low \$187,380 and a high \$313,420. Staff deems Genfare's proposal at \$254,795.45 or 19% lower compared to MTS's high range to be fair and reasonable.

Therefore, staff recommends that the MTS Board authorize the CEO to execute MTS Doc. No. B0723.1-21 (in substantially the same format as Attachment A), with Genfare, a Division of SPX Corporation, for additional software development services and spare parts for farebox refurbishment totaling \$254,795.45.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachments: A. Draft Standard Agreement MTS Doc. No. B0723.1-21  
B. Genfare Quote

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

# Amendment 1

Effective Date: June 25, 2021

MTS Doc No. B0723.1-21

## BUS FAREBOX CONVERSION

35T35TGenfare, a division of SPX Corporation  
35T35TEric Kaled  
President  
800 Arthur Avenue  
Elk Grove Village, IL 60007

This shall serve as Amendment No.1 to the original agreement B0723.0-21 as further described below.

### SCOPE

This amendment adds the following changes as detailed in Attachment A:

1. Additional software development and testing to improve fare set functionality;
2. Additional hardware and installation for bus revenue operations.

### SCHEDULE

There are no changes to the schedule provision of this agreement. The termination date remains July 26, 2031.

### PAYMENT

This contract amendment shall authorize additional costs not to exceed \$254,795.45. The total value of this contract including this amendment shall be in the amount of \$3,811,106.06. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return the copy marked *original* to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
35TEric Kaled, 35TPresident  
35TGenfare, a division of SPX  
Corporation

Date: \_\_\_\_\_

Attachment:

- A. Genfare Quote





**Genfare**  
 A Division of SPX Corporation  
 800 Arthur Ave  
 Elk Grove Village, IL 60007  
 Ph: (847) 593-8855  
 Fax:(847) 758-4998

# Sales Quotation

**Sold-To-Party**  
 San Diego Transit  
 1255 Imperial Avenue, Suite 1000  
 San Diego CA 92101-7490

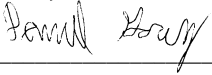
**Ship-To-Party**  
 San Diego Transit  
 1255 Imperial Avenue, Suite 1000  
 San Diego CA 92101-7490

Information	
Sales Quote No.	5033732
Document Date	04/21/2021
Customer No.	529
Currency	USD
Contact Name	
Phone	619 238-0100
FAX	
EMAIL	ap@sdmts.com
Validity Start Date	04/21/2021
Validity End Date	09/23/2021
Req Ship Date	08/28/2021

**End User**  
 San Diego Transit  
 1255 Imperial Avenue, Suite 1000  
 San Diego CA 92101-7490

Item	Material	Quantity	Price	Amount
10	TS-0001 Ody + Logic Board Support-7482	40 EA	200.00 USD	8,000.00
<p><b>- Stand Alone Odyssey Plus FB buttons to access and change fare structure.</b></p> <p><b>-ESBUILD-1198</b></p> <p><b>- Operator to press and hold right display button.</b></p> <p><b>- After approximately 5 seconds the farebox will prompt the rider facing display to switch into fare set selection mode.</b></p> <p><b>- Operator will use the left button to scroll over available fare sets.</b></p> <p><b>- Upon reaching the desired fare set, the right button will have a third function of selecting the desired fare set.</b></p> <p><b>Display scheduled to revert to normal operations if one of two criteria are met.</b></p> <p><b>1. Right button is selected on a fare set.</b></p> <p><b>2. Prolonged inactivity results in the patron facing display to revert to its previous fare set.</b></p>				

**Customer Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Signature:**  \_\_\_\_\_ **Date:** 06/23/2021

**Sales Representative:** Daniel Gorey **Phone:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Genfare Price Quotation Summary Terms & Conditions:** All prices are valid for 90 days from the Document Date unless otherwise noted above. Delivery will be made within 120 After Receipt of Order (ARO) unless otherwise noted above. Prices do not include any state or local taxes or freight charges unless specifically listed. Regardless of any taxes included above, applicable taxes due are determined as of the date of sale. All price quotations are subject to and shall be governed solely and exclusively by the Genfare Standard Terms And Conditions Of Sale, a copy of which is attached and incorporated herein.

# Sales Quotation

**Sold-To-Party**  
 San Diego Transit  
 1255 Imperial Avenue, Suite 1000  
 San Diego CA 92101-7490


**Ship-To-Party**  
 San Diego Transit  
 1255 Imperial Avenue, Suite 1000  
 San Diego CA 92101-7490

**Information**  
**Sales Quote No.** 5033732  
**Document Date** 04/21/2021  
**Customer No.** 529  
**Currency** USD  
**Contact Name**  
**Phone** 619 238-0100  
**FAX**  
**EMAIL** ap@sdmts.com  
**Validity Start Date** 04/21/2021  
**Validity End Date** 09/23/2021  
**Req Ship Date** 08/28/2021

**End User**  
 San Diego Transit  
 1255 Imperial Avenue, Suite 1000  
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Item	Material	Quantity	Price	Amount
20	TS-0001 Regression testing and QA	96 EA	200.00 USD	19,200.00
<p><b>Regression testing and QA is done to ensure that new software written for the fareboxes does not have any errors in code.</b></p> <p><b>Regression and QA testing encompasses reviewing code, understanding the operation, testing all aspects of the farebox operations on multiple devices.</b></p> <p><b>This testing includes farebox set up time as well as accounting for changes/fixes.</b></p>				
30	ITEM ODY + lid stickers	588 EA	12.50 USD	7,350.00
	Tax	1 EA	0.97 USD	569.63
40	D31000-0001 S/A OCU, 30 BUTTON (NEW)	4 EA	1,099.00 USD	4,396.00
	Tax	1 EA	85.17 USD	340.69
50	A22339-0001 KEY, BILL XPORT, 1561	40 EA	4.04 USD	161.60
	Tax	1 EA	0.31 USD	12.53

**Customer Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Signature:**  \_\_\_\_\_ **Date:** 06/23/2021

**Sales Representative:** Daniel Gorey **Phone:** \_\_\_\_\_

**Email:** \_\_\_\_\_

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<b>Req Ship Date</b>	08/28/2021

**End User**  
 San Diego Transit  
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 San Diego CA 92101-7490

Item	Material	Quantity	Price	Amount
60	C04789-0289 KEY, MEDECO, MB-289	40 EA	16.11 USD	644.40
	Tax	1 EA	1.25 USD	49.94
70	C30983-1103 S/A, CABLE, OCU, EXT GND, 3FT	4 EA	134.29 USD	537.16
	Tax	1 EA	10.41 USD	41.63
80	D22181-0529A S/A MAIN BRACKET (SAN DIEGO) Upgrade	37 EA	1,838.00 USD	68,006.00
	Tax	1 EA	142.45 USD	5,270.47
90	D28534-0004 S/A PCB, CONTROLLER-ODYSSEY+ (GMOD)	37 EA	780.30 USD	28,871.10
	Tax	1 EA	60.47 USD	2,237.52
100	D30895-0003 S/A COVER, SAN DIEGO	37 EA	1,030.00 USD	38,110.00
	Tax	1 EA	79.83 USD	2,953.53
110	INSTALL Install Odyssey+ main bracket and lid	37 EA	350.00 USD	12,950.00

**Customer Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Signature:**  \_\_\_\_\_ **Date:** 06/23/2021

**Sales Representative:** Daniel Gorey **Phone:** \_\_\_\_\_

**Email:** \_\_\_\_\_

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<b>Validity End Date</b>	09/23/2021
<b>Req Ship Date</b>	08/28/2021

**End User**  
 San Diego Transit  
 1255 Imperial Avenue, Suite 1000  
 San Diego CA 92101-7490

Item	Material	Quantity	Price	Amount
120	INSTALL Odyssey main bracket removal	37 EA	125.00 USD	4,625.00
130	FREIGHT Freight	37 EA	60.00 USD	2,220.00
140	A31441-0001 S/A OCU Cable and plate	37 EA	75.25 USD	2,784.25
	Tax	1 EA	5.83 USD	215.77
150	B00050-0800 NUT,ELASTIC STOP #8-32	74 EA	0.35 USD	25.90
	Tax	1 EA	0.03 USD	2.00
160	D28534-0004 S/A PCB, CONTROLLER-ODYSSEY+ (GMOD)	25 EA	780.30 USD	19,507.50
	Tax	1 EA	60.47 USD	1,511.83
170	D21149-2006 S/A MOTHER BOARD, ODYSSEY	25 EA	197.06 USD	4,926.50
	Tax	1 EA	15.27 USD	381.80
180	C22290-0002	25 EA	56.56 USD	1,414.00

**Customer Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Signature:**  \_\_\_\_\_ **Date:** 06/23/2021

**Sales Representative:** Daniel Gorey **Phone:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Genfare Price Quotation Summary Terms & Conditions:** All prices are valid for 90 days from the Document Date unless otherwise noted above. Delivery will be made within 120 After Receipt of Order (ARO) unless otherwise noted above. Prices do not include any state or local taxes or freight charges unless specifically listed. Regardless of any taxes included above, applicable taxes due are determined as of the date of sale. All price quotations are subject to and shall be governed solely and exclusively by the Genfare Standard Terms And Conditions Of Sale, a copy of which is attached and incorporated herein.

# Sales Quotation

**Sold-To-Party**  
 San Diego Transit  
 1255 Imperial Avenue, Suite 1000  
 San Diego CA 92101-7490


**Ship-To-Party**  
 San Diego Transit  
 1255 Imperial Avenue, Suite 1000  
 San Diego CA 92101-7490

Information	
<b>Sales Quote No.</b>	5033732
<b>Document Date</b>	04/21/2021
<b>Customer No.</b>	529
<b>Currency</b>	USD
<b>Contact Name</b>	
<b>Phone</b>	619 238-0100
<b>FAX</b>	
<b>EMAIL</b>	ap@sdmts.com
<b>Validity Start Date</b>	04/21/2021
<b>Validity End Date</b>	09/23/2021
<b>Req Ship Date</b>	08/28/2021

**End User**  
 San Diego Transit  
 1255 Imperial Avenue, Suite 1000  
 San Diego CA 92101-7490

Item	Material	Quantity	Price	Amount
	S/A, CABLE - RIBBON			
	Tax	1 EA	4.38 USD	109.59
190	A28391-0001	25 EA	16.68 USD	417.00
	LENS, DISPLAY			
	Tax	1 EA	1.29 USD	32.31
200	A28531-0002	25 EA	55.08 USD	1,377.00
	DISPLAY,TFT-LCD,NHD-3.5-320240MF-ATXL#-1			
	Tax	1 EA	4.27 USD	106.71
210	B28991-0001	25 EA	67.21 USD	1,680.25
	S/A DISPLAY INTFC & INSULATOR-OD2+			
	Tax	1 EA	5.21 USD	130.22
220	C22807-0007	25 EA	464.06 USD	11,601.50
	S/A CONVERTER - 60V			
	Tax	1 EA	35.96 USD	899.12
250	FREIGHT	25 EA	45.00 USD	1,125.00
	Freight spares			

**Customer Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Signature:**  \_\_\_\_\_ **Date:** 06/23/2021

**Sales Representative:** Daniel Gorey **Phone:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Genfare Price Quotation Summary Terms & Conditions:** All prices are valid for 90 days from the Document Date unless otherwise noted above. Delivery will be made within 120 After Receipt of Order (ARO) unless otherwise noted above. Prices do not include any state or local taxes or freight charges unless specifically listed. Regardless of any taxes included above, applicable taxes due are determined as of the date of sale. All price quotations are subject to and shall be governed solely and exclusively by the Genfare Standard Terms And Conditions Of Sale, a copy of which is attached and incorporated herein.



**Genfare**  
**A Division of SPX Corporation**  
**800 Arthur Ave**  
**Elk Grove Village, IL 60007**  
**Ph: (847) 593-8855**  
**Fax:(847) 758-4998**

# Sales Quotation

**Sold-To-Party**  
 San Diego Transit  
 1255 Imperial Avenue, Suite 1000  
 San Diego CA 92101-7490


**Ship-To-Party**  
 San Diego Transit  
 1255 Imperial Avenue, Suite 1000  
 San Diego CA 92101-7490

Information	
<b>Sales Quote No.</b>	5033732
<b>Document Date</b>	04/21/2021
<b>Customer No.</b>	529
<b>Currency</b>	USD
<b>Contact Name</b>	
<b>Phone</b>	619 238-0100
<b>FAX</b>	
<b>EMAIL</b>	ap@sdmts.com
<b>Validity Start Date</b>	04/21/2021
<b>Validity End Date</b>	09/23/2021
<b>Req Ship Date</b>	08/28/2021

**End User**  
 San Diego Transit  
 1255 Imperial Avenue, Suite 1000  
 San Diego CA 92101-7490

<b>Gross Value:</b>	239,930.16
<b>Total Tax:</b>	14,865.29
<b>Final Amount:</b>	254,795.45

**Customer Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Signature:**  \_\_\_\_\_ **Date:** 06/23/2021

**Sales Representative:** Daniel Gorey **Phone:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Genfare Price Quotation Summary Terms & Conditions:** All prices are valid for 90 days from the Document Date unless otherwise noted above. Delivery will be made within 120 After Receipt of Order (ARO) unless otherwise noted above. Prices do not include any state or local taxes or freight charges unless specifically listed. Regardless of any taxes included above, applicable taxes due are determined as of the date of sale. All price quotations are subject to and shall be governed solely and exclusively by the Genfare Standard Terms And Conditions Of Sale, a copy of which is attached and incorporated herein.



1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101-7490  
(619) 231-1466 • FAX (619) 234-3407

## Agenda Item No. 8

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

DESIGN SERVICES FOR LAS CHOLLAS CREEK BRIDGE REPAIR - WORK ORDER  
AMENDMENT

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors:

- 1) Ratify Work Order WOA1951-AE-58.02 under MTS Doc No. G1951.0-17 (Attachment A) with Mott MacDonald, LLC (MM) totaling \$78,883.66, for permitting support, bid support, and design support during construction services;
- 2) Ratify Work Order amendment WOA1951-AE-58.03 under MTS Doc No. G1951.0-17 (in substantially the same format as Attachment B) with MM totaling \$18,000.00, for sediment collection and benthic community taxonomy; and
- 3) Authorize the Chief Executive Officer (CEO) to execute Work Order amendment WOA1951-AE-58.04 under MTS Doc. No. G1951.0-17 (in substantially the same format as Attachment C), with MM totaling \$37,957.31, for required environmental monitoring and consulting with the Coastal Commission.

#### Budget Impact

The total budget for this project shall not exceed \$283,344.60. Work Orders 1951-AE-58 and 1951-AE-58.01 are funded by MTS Capital Improvement Project (CIP) 2005111101 - Las Chollas Creek Bridge Repair Design.

Work Orders 1951-AE-58.02 through 1951-AE-58.04 are funded by MTS CIP 1009004202 – Miscellaneous Capital.



**DISCUSSION:**

In March 2010, the Federal Railroad Administration (FRA), in Code of Federal Regulations (CFR) 49 Part 237, mandated all rail operators to conduct bridge inspections. In response, MTS contracted Jacobs Engineering, a licensed bridge inspector (Inspector), to perform in-depth bridge inspections and evaluations every twelve (12) months on seventy-three (73) significant bridge structures on its Blue, Orange, and Green Lines.

On May 5, 2020, the Las Chollas Creek Bridge was inspected. The Inspector identified concerns with the condition of the bridge, and recommended a follow-up inspection of the bridge under freight rail loads. The subsequent inspection occurred on May 19, 2020, and recommended a special inspection every three (3) months on the eastbound track until repairs were made. Furthermore, if bridge condition changes are discovered during the special inspections, freight traffic may be required to be moved to the westbound track until repairs are completed.

As a result of the aforementioned bridge inspections, MTS staff contracted MM to perform a detailed assessment of the bridge condition, and immediately begin to develop 50% design drawings for repair of the bridge.

On September 17, 2020, the Board approved Amendment 1, which authorized 100% design, allowing MTS to solicit construction contractors for repair of the bridge.

On February 24, 2021, the CEO approved Amendment 2 which provided permitting support, bid support, design support during construction services.

On July 9, 2021, the CEO approved Amendment 3, which will provide sediment collection and benthic community taxonomy as required as part of the permitting process with the Coastal Commission.

Under proposed work order Amendment 4, MM will provide the required environmental monitoring and consulting services with the Coastal Commission.

The Work Order and amendments are summarized below:

<b>Work Order No.</b>	<b>Purpose</b>	<b>Amount</b>	<b>Board Approval Date</b>
WOA1951-AE-58	Original Bridge Assessment Work Order	\$67,607.46	CEO approval 6/19/20 per Board Policy No. 41; ratified by Board on 9/17/20 (AI 19)
WOA1951-AE-58.01	Construction Documents for Pile and Pile Cap Repair	\$80,896.17	9/17/20 (AI 19)
WOA1951-AE-58.02	Permitting support, bid support, and design support during construction.	\$78,883.66	CEO approval 2/24/21 per Board Policy No. 41



<b>Work Order No.</b>	<b>Purpose</b>	<b>Amount</b>	<b>Board Approval Date</b>
WOA1951-AE-58.03	Benthic Analysis	\$18,000.00	CEO approval 7/9/21 per Board Policy No. 41
WOA1951-AE-58.04	Environmental monitoring and consulting with the Coastal Commission.	\$37,957.31	Today's proposed action
<b>TOTAL:</b>		<b>\$283,344.60</b>	

Based on the level of effort and the design work involved for this project, staff determined the contract price to be fair and reasonable.

Therefore, staff recommends that the MTS Board:

- 1) Ratify Work Order WOA1951-AE-58.02 under MTS Doc No. G1951.0-17 (Attachment A) with MM totaling \$78,883.66, for permitting support, bid support, and design support during construction services;
- 2) Ratify Work Order amendment WOA1951-AE-58.03 under MTS Doc No. G1951.0-17 (in substantially the same format as Attachment B) with MM totaling \$18,000.00, for sediment collection and benthic community taxonomy; and
- 3) Authorize the CEO to execute Work Order amendment WOA1951-AE-58.04 under MTS Doc. No. G1951.0-17 (in substantially the same format as Attachment C), with MM totaling \$37,957.31, for required environmental monitoring and consulting with the Coastal Commission.

/s/ Sharon Cooney

Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachments: A. Executed Work Order WOA1951-AE-58.02, MTS Doc. No. G1951.0-17  
B. Executed Work Order WOA1951-AE-58.03, MTS Doc. No. G1951.0-17  
C. Draft Work Order WOA1951-AE-58.04, MTS Doc. No. G1951.0-17

February 3, 2021

MTS Doc. No. G1951.0-17  
Work Order No. WOA1951-AE-58.02

Mr. Dan Tempelis  
Senior Vice President  
Mott MacDonald, LLC  
401 B Street, Suite 1520  
San Diego, CA 92101

Dear Mr. Tempelis:

Subject: AMENDMENT NO. 2, TO WORK ORDER WOA1951-AE-58, TO MTS DOC. NO. G1951.0-17,  
GENERAL ENGINEERING SERVICES FOR LAS CHOLLAS CREEK BRIDGE  
ASSESSMENT

This letter shall serve as Amendment No. 2 to our agreement for Work Order WOA1951-AE-58 to MTS Doc. No. G1951.0-17, for engineering services for Las Chollas Creek Bridge Assessment.

#### SCOPE OF SERVICES

This Amendment shall provide continued permitting support, bid support, and construction support service of repairs and remediation of piles, pile caps, and abutments for the Las Chollas Creek Bridge Assessment. Work provided under this Work Order will be performed in accordance with the attached Scope of Services (Attachment A)

#### SCHEDULE

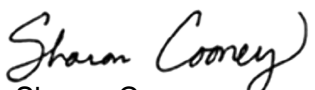
This Amendment shall add nine (9) months to the Schedule. The Scope of Services, as described above, for a period of seventeen (17) months from the date of the Notice to Proceed.

#### PAYMENT

This Amendment shall increase the Work Order amount by \$78,883.66. Payment shall be based on actual costs in the amount not to exceed \$227,387.29 without prior authorization of MTS.

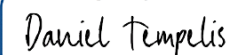
Please sign below, and return the document to the Contracts Specialist at MTS. All other terms and conditions shall remain the same and in effect.

Sincerely,

  
Sharon Cooney  
Chief Executive Officer

Accepted:

DocuSigned by:



02585D33267C4A8...  
Dan Tempelis, Senior Vice President  
Mott MacDonald, LLC

3/10/2021

Date: \_\_\_\_\_

Attachments: Attachment A, Scope of Services  
Attachment B, Negotiated Fee Proposal

# **ATTACHMENT A SCOPE OF SERVICES**



# Las Chollas Creek Bridge Assessment – Amendment 2

Scope of Work

January 19, 2021

San Diego Metropolitan Transit System

# Contents

1	SCOPE OF WORK	1
2	SCHEDULE	2
3	FEE	2
4	ASSUMPTIONS AND EXCLUSIONS	2

# Las Chollas Creek Bridge Assessment

The scope of this Work Order Amendment is to support San Diego Metropolitan Transit System (MTS) with continued permitting support, bid support, and construction support service of repairs and remediation of piles, pile caps, and abutments of the Las Chollas Creek Bridges. Periodic inspections of the bridge have shown a progressive deterioration of the bridge abutment and piles to a condition that requires intervention to preserve the structural condition of the bridge. Deterioration includes cracking and spalling to concrete members and scour and potential undermining of the creek bank abutment structures.

## 1 SCOPE OF WORK

MTS requested Mott MacDonald (MM) to provide the additional services to redevelop the bid package to allow an open bid process instead of using the J.O.C. bid process. In addition, the permitting process was not able to utilize an expedited route therefore, additional effort is required to support the permitting process. MM will continue to subcontract with HELIX Environmental Planning for support of the regulatory permitting process.

Below is a summary of tasks completed to date and descriptions of the additional work for this amendment.

### Task 1.1 - Bridge Repair Design Level Inspection and Data Collection (Complete)

### Task 1.2 Repair Package 1 Piles, Pile Caps, and Concrete Repairs Preliminary Design (Complete)

### Task 2.0 Project Management and Coordination (On going)

### Task 2.1 Regulatory Permitting Strategy (Complete)

### Task 2.2 Regulatory Permitting Application Design Package 1 (Additional Support)

The permitting effort was originally scoped assuming an expedited permitting process to address the urgency of the repairs/ However, while the regulatory agencies understand the urgency, they still require a full permitting process.

Using the previously authorized budget the project team completed all applicable permit applications. The additional scope and budget are to continue to coordinate with the permitting agencies and address any comments or questions they may have while reviewing the permit applications.

Deliverables: Revised permit documents as needed.

### Task 2.3 Repair Package 1 Piles, Pile Caps, and Concrete Repairs Final Design (On Going)

### Task 3.1 Repair Package 1 Bid Support (Included in Amendment 1)

### Task 3.2 Repair Package 1 Construction Support (RFI and Submittal Reviews)

- Review and respond to RFIs from the Contractor. This is a level of effort estimate based on responding to approximately 15 RFIs

- Review and respond to construction submittals from the Contractor. This is a level of effort estimate based on responding to approximately 10 submittal packages.

### Task 3.3 Repair Package 1 Construction Support (Office Consultation)

- This is a level of effort estimate Attend weekly construction coordination calls and preconstruction conference (12 - 1 hour meetings)
- Consultant to provide project management services including the requirements for invoicing, scheduling, monthly project progress reports, and administration of the Consultant's team.

### Task 3.4 Repair Package 1 Construction Support (Site Visits)

- Make 6 site visits to observe the progress of construction work.
  - After piles have been prepared, prior to placing jackets
  - After pile caps have been prepared, prior to placing repair material
  - After pile caps have cured to inspect all work.

## 2 SCHEDULE

This Work Order assumes an NTP of 2/1/2020 and that construction will be complete within 16 weeks from the Contractor's notice of award.

## 3 FEE

Mott MacDonald proposes to complete the tasks described for the fees shown below on a time and materials, not-to-exceed amount of **\$78,883.66**. See Attachment B for a detailed breakdown of costs and subconsultant proposal. Other tasks are deferred to a later date.

## 4 ASSUMPTIONS AND EXCLUSIONS

### Assumptions for Work

- MTS will administer the construction works and coordinate all special inspections
- MTS or their designated representative (other than MM) will be the main point of contact for the Contractor during construction and handle all pay estimates and daily inspections.
- MM will review all technical submittals.

### Exclusions

- Legal surveys and other work associated with property acquisition, temporary easements.
- Traffic planning, engineering and preparation of traffic management plans, traffic control plans.

- Legal, financial or other non-technical professional services except as required by Mott MacDonald to fulfill its obligations under the contract.
- Mitigation plans for proposed repairs. If required by permitting agencies, MM can provide a proposed scope.
- Construction management or resident engineer services. MM can provide these services if needed and will provide a proposed scope if requested.
- Development of as-built drawings.



# **ATTACHMENT B NEGOTIATED FEE PROPOSAL**

# Work Order Estimate Summary

Att. A, AI 8, 07/29/2021

MTS Doc. No. **G1951.0-17**

Work Order No. **WOA1951-AE-58.02**

Attachment: **B**

Work Order Title: **CHOLLAS CREEK BRIDGE REPAIR PROJECT - PILES AND CONCRETE**

Project No:

**Table 1 - Cost Codes Summary (Costs & Hours)**

Item	Cost Codes	Cost Codes Description	Total Costs
1			\$78,883.66
2			

Totals = **\$78,883.66**

**Table 2 - TASKS/WBS Summary (Costs & Hours)**

Item	TASKS/WBS	TASKS/WBS Description	Total Hours	Total Costs
1	2.2	Project Management and Coordination	88.0	\$18,200.66
2		Repair Package 1 Regulatory Permitting Application	32.0	\$4,712.78
3	3.2	CSS RFI and Submittal Reviews	140.0	\$22,316.68
4	3.3	CSS Office Consultation	50.0	\$8,652.62
5	3.4	CSS Site Visits	108.0	\$25,000.92

Totals = **418.0** **\$78,883.66**

**Table 3 - Consultant/Subconsultant Summary (Costs & Hours)**

(If Applicable, Select One)				Consultant	Labor Hrs	Total Costs
DBE	DVBE	SBE	Other			
				Mott MacDonald	368.0	\$68,085.70
				Helix Environmental Planning	56.0	\$10,797.96

Totals = **424.0** **\$78,883.66**

**Work Order Estimate Summary**

Att. A, AI 8, 07/29/2021

Total Hours =	368
Total Costs =	\$68,085.70

Consultant/Subconsultant: **Mott MacDonald**

MTS Doc. No.: **G1951.0-17**  
 Work Order No.: **WOA1951-AE-58.02**

Work Order Title: **CHOLLAS CREEK BRIDGE REPAIR PROJECT - PILES AND CONCRETE**

Attachment: **B**

Item	TASKS/WBS	TASKS/WBS Description	ODCs (See Attachment)	Contract Manager	Senior Project Engineer - Rail and	Engineer 4 (QA/QC)	Engineer 4 (Coastal)	Engineer 2 (Track)	Engineer 3 (Structural)	Senior Project Engineer - Rail /	Senior CAD	Engineer 2 (Planner)	Accounting/ Admin/	Total Hours	Totals
1	Task 2.0	Project Management and Coordination			6	12								18	\$4,021.38
		Project Administration and Reporting (4 months)		4	8								8	20	\$3,381.32
		Subtotals (Hours) =	N/A		10	20							8	38	\$7,402.70
Subtotals (Costs) =				\$2,958.70	\$3,743.60							\$700.40	38	\$7,402.70	
1	Task 2.2	Draft Coastal Consistency Document		1	4				8					13	\$1,877.87
		Coordinate on permits and processing of permits		1	8			10						19	\$2,834.91
		Subtotals (Hours) =	N/A		2	12			18					32	\$4,712.78
Subtotals (Costs) =				\$591.74	\$2,246.16			\$1,874.88					32	\$4,712.78	
2	Task 3.2	Review and Respond to RFIs (15)		8	24	40								72	\$11,750.08
		Review and Respond to Submittals (10)		4	24	40								68	\$10,566.60
		Subtotals (Hours) =	N/A		12	48	80							140	\$22,316.68
Subtotals (Costs) =				\$3,550.44	\$8,984.64	\$9,781.60							140	\$22,316.68	
2	Task 3.3	Weekly meetings (12 virtual 1 hour meetings)		6	12				12					30	\$5,271.30
		Project management/ administrative/ coordination		4	8							8		20	\$3,381.32
		Subtotals (Hours) =	N/A		10	20				12			8	50	\$8,652.62
Subtotals (Costs) =				\$2,958.70	\$3,743.60			\$1,249.92				\$700.40	50	\$8,652.62	
4	Task 3.4	6 site visits	\$5,917.80	12	60		12		24					108	\$25,000.92
		Subtotals (Hours) =	N/A		12	60		12	24					108	\$25,000.92
		Subtotals (Costs) =	\$5,917.80	\$3,550.44	\$11,230.80	\$1,802.04	\$2,499.84							108	\$25,000.92
<b>Totals (Summary) =</b>				N/A	46	160	80	12	54			16	368	\$68,085.70	
Total (Hours) =				\$5,917.80	\$13,610.02	\$29,948.80	\$9,781.60	\$1,802.04	\$5,624.64			\$1,400.80	368	\$68,085.70	
Total (Costs) =				N/A	13%	43%	22%	3%	15%			4%	100%		
Percentage of Total (Hours) =				N/A	9%	20%	44%	14%	3%	8%		2%		100%	
Percentage of Total (Costs) =															

**Work Order Estimate  
Summary**

Att. A, AI 8, 07/29/2021

Consultant/ Subconsultant: **Mott MacDonald**

Contract No: **G1951.0-17**

Work Order Title: **CHOLLAS CREEK BRIDGE REPAIR PROJECT - PILES AND CONCRETE**

Task Order No. **WOA1951-AE-58.02**

Attachment: **B**

**TASKS/WBS (1-5)**

ODC Item	Description	Unit	Unit Cost	Task 1.1		Task 1.2		Task 3		Task 4		Task 5	
				Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	Taxi fare/ car service	Day	\$71.30					6	\$427.80				
2	Per Diem - site visit days	Day	\$71.00					12	\$852.00				
3	Airfare Round trip from Seattle	Each	\$600.00					6	\$3,600.00				
4	Hotel (per night per person)	Day	\$173.00					6	\$1,038.00				
5													
6													
7													
8													
9													
10													
				Subtotal =		Subtotal =		Subtotal =	<b>\$5,917.80</b>	Subtotal =		Subtotal =	

**TASKS/WBS (6-10)**

ODC Item	Description	Task 1.1		Task 1.2		Task 3		Task 4		Task 5		Totals	
		Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	Taxi fare/ car service											6	\$427.80
2	Per Diem - site visit days											12	\$852.00
3	Airfare Round trip from Seattle											6	\$3,600.00
4	Hotel (per night per person)											6	\$1,038.00
5													
6													
7													
8													
9													
10													
		Subtotal =		Subtotal =		Subtotal =		Subtotal =		Subtotal =		Totals =	<b>\$5,917.80</b>

**Work Order Estimate  
Summary**

Att. A, AI 8, 07/29/2021

Total Hours = 56  
Total Costs = \$10,797.96

Consultant/Subconsultant: HELIX Environmental Planning

MTS Doc. No.: G1951.0-17

Work Order No.: WOA1951-AE-58.02

Work Order Title: CHOLLAS CREEK BRIDGE REPAIR PROJECT - PILES AND CONCRETE

Attachment: B

Item	TASKS/WBS	TASKS/WBS Description	ODCs (See Attachment)	Resource Rates						Total Hours	Totals	
				principal	principal Biologist	Senior env Specialist	Snr GIS Specialist	Technical Editor	Senior Project Manager 1			
				\$ 290.53	\$ 224.43	\$ 176.14	\$ 134.08	\$ 82.89	\$ 167.40			
1	Task 2.2	Repair Package 1 Regulatory Permitting Application										
		Draft Coastal Consistency Document			8	8	4	4			24	\$4,072.44
		Coordinate on permits and processing of permits			12				8		20	\$4,032.36
		Team meeting and coordination			12						12	\$2,693.16
		Subtotals (Hours) =	N/A		32	8	4	4	8		56	\$10,797.96
		Subtotals (Costs) =		\$7,181.76	\$1,409.12	\$536.32	\$331.56	\$1,339.20			56	\$10,797.96
2												
		Subtotals (Hours) =	N/A									
		Subtotals (Costs) =										
	<b>Totals (Summary) =</b>										<b>56</b>	<b>\$10,797.96</b>
	Total (Hours) =	N/A			32	8	4	4	8		56	\$10,797.96
	Total (Costs) =			\$7,181.76	\$1,409.12	\$536.32	\$331.56	\$1,339.20				\$10,797.96
	Percentage of Total (Hours) =	N/A			57%	14%	7%	7%	14%		100%	
	Percentage of Total (Costs) =				67%	13%	5%	3%	12%			100%

**Work Order Estimate  
Summary**

Att. A, AI 8, 07/29/2021

Consultant/ Subconsultant: HELIX Environmental Planning

Contract No: G1951.0-17

Work Order Title: CHOLLAS CREEK BRIDGE REPAIR PROJECT - PILES AND CONCRETE

Task Order No. WOA1951-AE-58.02

Attachment: B

**TASKS/WBS (1-5)**

ODC Item	Description	Unit	Unit Cost	Task 2.1		Task 2.2		Task 2.3		Quantity	Total	Quantity	Total
				Quantity	Total	Quantity	Total	Quantity	Total				
1	mileage	Miles	\$0.575	240									
2	GPS	Ea	\$60.00	2									
3													
4													
5													
6													
7													
8													
9													
10													

Subtotal =  Subtotal =  Subtotal =  Subtotal =  Subtotal =

**TASKS/WBS (6-10)**

ODC Item	Description	Task 2.1		Task 2.2		Task 2.3		Task 2.4		Task 2.5		Totals	
		Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	mileage											240	
2	GPS											2	
3													
4													
5													
6													
7													
8													
9													
10													

Subtotal =  Subtotal =  Subtotal =  Subtotal =  Subtotal =  Totals =

<b>Task</b>	<b>Schedule</b>	<b>Notes</b>
<b>Field Inspection</b>	<b>2-3 weeks after NTP</b>	<b>To be completed in June 2020</b>
<b>Submit Draft Pile Repair Plans<sup>1</sup></b>	2 weeks after Field Inspection	For MTS Review (1 week)
<b>Task 1: Final Pile Repair Plans</b>	1 week after review MTS comments received	For Bid
<b>Draft Condition Assessment Report<sup>1</sup></b>	8 weeks after Field Inspection	For MTS Review (2 weeks)
<b>Task 1: Final Condition Assessment Report</b>	2 weeks after MTS comments received	
<b>Task 2: Draft Schematic Design Plans and Tech Memo</b>	6 weeks after Final Condition Assessment Report submitted	For MTS Review (2 weeks)
<b>Task 2: Final Schematic Design Plans and Tech Memo</b>	2 weeks after MTS comments received	

1. Draft Condition Assessment Report and Draft Pile Repair Plans may be delayed if the inspection does not occur until July as a result of inspection crew scheduling constraints.

June 30, 2021

MTS Doc. No. G1951.0-17  
Work Order No. WOA1951-AE-58.03

Mr. Farhad Nourbakhsh  
Vice President  
Mott MacDonald, LLC  
401 B Street, Suite 1520  
San Diego, CA 92101

Dear Mr. Nourbakhsh:

Subject: AMENDMENT NO. 3, TO WORK ORDER WOA1951-AE-58, TO MTS DOC. NO. G1951.0-17,  
GENERAL ENGINEERING SERVICES FOR LAS CHOLLAS CREEK BRIDGE  
ASSESSMENT

This letter shall serve as Amendment No. 3 to our agreement for Work Order WOA1951-AE-58 to MTS Doc. No. G1951.0-17, for engineering services for Las Chollas Creek Bridge Assessment.

#### SCOPE OF SERVICES

This Amendment shall provide sediment collection and benthic community taxonomy as required as part of the permitting process with the Coastal Commission. Work provided under this Work Order will be performed in accordance with the attached Scope of Services (Attachment A)

#### SCHEDULE

There shall be no change to the Schedule as a result of these services. The Scope of Services, as described above, for a period of seventeen (17) months from the date of the Notice to Proceed.

#### PAYMENT

This Amendment shall increase the Work Order amount by \$18,000.00. Payment shall be based on actual costs in the amount not to exceed \$245,387.29 without prior authorization of MTS.

Please sign below, and return the document to the Contracts Specialist at MTS. All other terms and conditions shall remain the same and in effect.

Sincerely,

  
Sharon Cooney  
Chief Executive Officer

Accepted:

\_\_\_\_\_  
Farhad Nourbakhsh, Vice President  
Mott MacDonald, LLC

Date: \_\_\_\_\_

Attachments: Attachment A, Scope of Services  
Attachment B, Negotiated Fee Proposal





# **ATTACHMENT A SCOPE OF SERVICES**



# Las Chollas Creek Bridge Assessment – Amendment 3

Scope of Work

June 9, 2021

San Diego Metropolitan Transit System



# Contents

1	SCOPE OF WORK	1
2	SCHEDULE	2
3	FEE	2
4	ASSUMPTIONS AND EXCLUSIONS	2
5	ATTACHMENT B – COST PROPOSAL	4

# Las Chollas Creek Bridge Assessment

The scope of this Work Order Amendment is to support San Diego Metropolitan Transit System (MTS) with continued permitting support and additional construction support service of repairs and remediation of piles, pile caps, and abutments of the Las Chollas Creek Bridges. Periodic inspections of the bridge have shown a progressive deterioration of the bridge abutment and piles to a condition that requires intervention to preserve the structural condition of the bridge. Deterioration includes cracking and spalling to concrete members and scour and potential undermining of the creek bank abutment structures.

## 1 SCOPE OF WORK

MTS requested Mott MacDonald (MM) to provide the additional services to address the benthic analysis required by the Coastal Commissions permit. MM will continue to subcontract with HELIX Environmental Planning for support of the regulatory permitting process and monitoring requirements.

Below is a summary of tasks completed to date and descriptions of the additional work for this amendment.

### Task 1.1 - Bridge Repair Design Level Inspection and Data Collection (Complete)

### Task 1.2 Repair Package 1 Piles, Pile Caps, and Concrete Repairs Preliminary Design (Complete)

### Task 2.0 Project Management and Coordination (On going)

### Task 2.1 Regulatory Permitting Strategy (Complete)

### Task 2.2 Regulatory Permitting Application Design Package 1 (Complete)

### Task 2.3 Repair Package 1 Piles, Pile Caps, and Concrete Repairs Final Design (Complete)

### Task 3.1 Repair Package 1 Bid Support (Complete)

### Task 3.2 Repair Package 1 Construction Support (Ongoing)

### Task 3.3 Repair Package 1 Construction Support (Ongoing)

### Task 3.4 Repair Package 1 Construction Support (Site Visits, Ongoing)

### Task 3.5 Repair Package 1 Benthic Analysis

The scope for this task includes the following:

- Sediment Collection and Benthic Community Taxonomy  
Benthic community sampling will be conducted under the Scientific Collector's Permit at six monitoring locations within the project footprint, on the same day as the Caulerpa and eelgrass surveys. Since the entirety of the project footprint is likely to experience temporary impacts from the

construction/repair activities, the sampling locations will be spread throughout the entire project area. Two of the locations will be located beneath the bridge in close proximity to pilings, two locations will be located upstream of the bridge (within the project footprint) and two locations will be located downstream of the bridge (within the project footprint).

Sediment grab samples will be collected by field scientists from a small inflatable boat using a six-inch ponar sampler. All six samples will be processed separately, with each sample sieved through a one-mm mesh screen. Sample processing will include bathing each sample in a magnesium sulfate solution to relax the invertebrates before preserving the samples with a 10% buffered formalin solution. Following a 3-5 day treatment with formalin, samples will be transferred to an ethanol solution and sorted initially into broad taxonomic categories. Sorting will be performed by Osprey Marine Management, with quality assurance checks. Marine taxonomists at Dancing Coyote Environmental (DCE) will identify benthic invertebrates to the lowest possible taxon.

- Reporting

A brief summary report will be submitted approximately two weeks following receipt of the taxonomic results from DCE. The summary report will include a description and map of sample locations, a description of collection and preservation methods, a table of benthic infaunal species found at each location, and an assessment of the benthic community at each location using standard benthic community measures (i.e. number of species, total abundance, and diversity indices [Shannon Wiener, Evenness, and Dominance]).

## 2 SCHEDULE

This Work Order assumes an NTP of 2/1/2020 and that construction will be complete within 16 weeks from the Contractor's notice of award.

## 3 FEE

Mott MacDonald proposes to complete the tasks described for the fees shown below on a time and materials, not-to-exceed amount of **\$18,000.00**. See Attachment B for a detailed breakdown of costs and subconsultant proposal. Other tasks are deferred to a later date.

## 4 ASSUMPTIONS AND EXCLUSIONS

### Assumptions for Work

- Scope covers all current permit conditions to date and covers current applications to the Coastal Commission. Once the Coastal Commission has received and evaluated the potential impacts they will determine the required mitigation measures. These professional services including management and coordination will be provided under previous Task 3 amendments for as-needed Construction Support until future needs are identified and addressed in a future amendment. The scope of work to support the required mitigation measure can be developed at a late date.

- Access to the site will be provided by MTS in a timely manner.

### **Exclusions**

- Address potential conditions from the Coastal Commission as a result of the permit application and reports submitted to the Coastal Commission (e.g. this could include a vegetation plan or future mitigation). MM can provide a proposed scope if needed.
- Putting together a coastal development permit application, if required by the Coastal Commission. MM can provide a proposed scope if needed.
- Mitigation plans, if required by permitting agencies. MM can provide a proposed scope if needed.
- Legal surveys and other work associated with property acquisition, temporary easements.
- Traffic planning, engineering and preparation of traffic management plans, traffic control plans.
- Legal, financial, or other non-technical professional services except as required by Mott MacDonald to fulfill its obligations under the contract.
- Construction management or resident engineer services. MM can provide these services if needed and will provide a proposed scope if requested.
- Development of as-built drawings.

# **ATTACHMENT B NEGOTIATED FEE PROPOSAL**



# Work Order Estimate Summary

Att. B, AI 8, 07/29/2021

MTS Doc. No. **G1951.0-17**

Work Order No. **WOA1951-AE-58**

Attachment: **B**

Work Order Title: **CHOLLAS CREEK BRIDGE REPAIR PROJECT - PILES AND CONCRETE**

Project No:

**Table 1 - Cost Codes Summary (Costs & Hours)**

Item	Cost Codes	Cost Codes Description	Total Costs
1			\$18,000.00
2			

Totals = **\$18,000.00**

**Table 2 - TASKS/WBS Summary (Costs & Hours)**

Item	TASKS/WBS	TASKS/WBS Description	Total Costs
1	Task 3.5	Benthic Analysis	\$18,000.00
2			
3			
4			
5			

Totals = **\$18,000.00**

**Table 3 - Consultant/Subconsultant Summary (Costs & Hours)**

(If Applicable, Select One)				Consultant	Labor Hrs	Total Costs
DBE	DVBE	SBE	Other			
				Mott MacDonald		
				Helix Environmental Planning		\$18,000.00

Totals = **\$18,000.00**

# Work Order Estimate Summary

Att. B, AI 8, 07/29/2021

Total Hours =

--

Total Costs =

<b>\$18,000.00</b>
--------------------

Consultant/Subconsultant: **HELIX Environmental Planning**

MTS Doc. No.: **G1951.0-17**

Work Order No.: **WOA1951-AE-58**

Work Order Title: **CHOLLAS CREEK BRIDGE REPAIR PROJECT - PILES AND CONCRETE**

Attachment: **B**

Item	TASKS/WBS	TASKS/WBS Description	ODCs (See Attachment)	Principal	Principal Biologist	Senior env Specialist	Snr GIS Specialist I	Technical Editor	Sr. Project Manager I	Biologist I					Total Hours	Totals
				\$290.53	\$224.43	\$176.14	\$134.08	\$82.89	\$ 167.40	\$70.32						
1	<b>Task 3.5</b>	<b>Regulatory Permit Monitoring During Construction</b>														
		Weston Benthic and eelgrass surveys	\$18,000.00													\$18,000.00
		Subtotals (Hours) =	N/A													\$18,000.00
		Subtotals (Costs) =	\$18,000.00													<b>\$18,000.00</b>
2	<b>Task 3.6</b>	<b>Coastal Commission Permit Support</b>														
		Subtotals (Hours) =	N/A													
		Subtotals (Costs) =														
		<b>Totals (Summary) =</b>														<b>\$18,000.00</b>
		Total (Hours) =	N/A													
		Total (Costs) =	\$18,000.00													\$18,000.00
		Percentage of Total (Hours) =	N/A													
		Percentage of Total (Costs) =	100%													100%

**Work Order Estimate  
Summary**

Att. B, AI 8, 07/29/2021

Consultant/ Subconsultant: **HELIX Environmental Planning**

Contract No: **G1951.0-17**

Task Order No. **WOA1951-AE-58**

Work Order Title: **CHOLLAS CREEK BRIDGE REPAIR PROJECT - PILES AND CONCRETE**

Attachment: **B**

**TASKS/WBS (1-5)**

ODC Item	Description	Unit	Unit Cost	Task 3.5		Task 3.6							
				Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	Mileage	Miles	\$0.575										
2	GPS	Ea	\$60.00										
3	Weston Bentic Survey	Ea	\$18,000.00	1	\$18,000.00								
4													
5													
6													
7													
8													
9													
10													
				Subtotal =	<b>\$18,000.00</b>	Subtotal =		Subtotal =		Subtotal =		Subtotal =	

**TASKS/WBS (6-10)**

ODC Item	Description											Totals	
		Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	Mileage												
2	GPS												
3	Weston Bentic Survey											1	\$18,000.00
4													
5													
6													
7													
8													
9													
10													
		Subtotal =		Subtotal =		Subtotal =		Subtotal =		Subtotal =		Totals =	<b>\$18,000.00</b>

February 3, 2021

MTS Doc. No. G1951.0-17  
Work Order No. WOA1951-AE-58.04

Mr. Farhad Nourbakhsh  
Vice President  
Mott MacDonald, LLC  
401 B Street, Suite 1520  
San Diego, CA 92101

Dear Mr. Nourbakhsh:

Subject: AMENDMENT NO. 4, TO WORK ORDER WOA1951-AE-58, TO MTS DOC. NO. G1951.0-17,  
GENERAL ENGINEERING SERVICES FOR LAS CHOLLAS CREEK BRIDGE  
ASSESSMENT

This letter shall serve as Amendment No. 4 to our agreement for Work Order WOA1951-AE-58 to MTS Doc. No. G1951.0-17, for engineering services for Las Chollas Creek Bridge Assessment.

#### SCOPE OF SERVICES

This Amendment shall provide the required environmental monitoring and consulting services to the Coastal Commission. Work provided under this Work Order will be performed in accordance with the attached Scope of Services (Attachment A)

#### SCHEDULE

There shall be no change to the Schedule as a result of these services. The Scope of Services, as described above, for a period of seventeen (17) months from the date of the Notice to Proceed.

#### PAYMENT

This Amendment shall increase the Work Order amount by \$37,957.31. Payment shall be based on actual costs in the amount not to exceed \$283,344.60 without prior authorization of MTS.

Please sign below, and return the document to the Contracts Specialist at MTS. All other terms and conditions shall remain the same and in effect.

Sincerely,

Accepted:

Sharon Cooney  
Chief Executive Officer

\_\_\_\_\_  
Farhad Nourbakhsh, Vice President  
Mott MacDonald, LLC

Date: \_\_\_\_\_

Attachments: Attachment A, Scope of Services  
Attachment B, Negotiated Fee Proposal

# **ATTACHMENT A SCOPE OF SERVICES**

# **DRAFT Las Chollas Creek Bridge Assessment – Amendment 4**

Scope of Work

June 16, 2021



# Contents

1	SCOPE OF WORK	1
2	SCHEDULE	2
3	FEE	2
4	ASSUMPTIONS AND EXCLUSIONS	2
5	ATTACHMENT B – COST PROPOSAL	4



# Las Chollas Creek Bridge Assessment

The scope of this Work Order Amendment is to support San Diego Metropolitan Transit System (MTS) with continued permitting support and additional construction support service of repairs and remediation of piles, pile caps, and abutments of the Las Chollas Creek Bridges. Periodic inspections of the bridge have shown a progressive deterioration of the bridge abutment and piles to a condition that requires intervention to preserve the structural condition of the bridge. Deterioration includes cracking and spalling to concrete members and scour and potential undermining of the creek bank abutment structures.

## 1 SCOPE OF WORK

MTS requested Mott MacDonald (MM) to provide the additional services to address the Coastal Commissions permit requirements and to provide monitoring and reporting as a requirement of the regulatory permits. MM will continue to subcontract with HELIX Environmental Planning for support of the regulatory permitting process and monitoring requirements.

Below is a summary of tasks completed to date and descriptions of the additional work for this amendment.

### Task 1.1 - Bridge Repair Design Level Inspection and Data Collection (Complete)

### Task 1.2 Repair Package 1 Piles, Pile Caps, and Concrete Repairs Preliminary Design (Complete)

### Task 2.0 Project Management and Coordination (On going)

#### Task 2.1 Regulatory Permitting Strategy (Complete)

#### Task 2.2 Regulatory Permitting Application Design Package 1 (Complete)

#### Task 2.3 Repair Package 1 Piles, Pile Caps, and Concrete Repairs Final Design (Complete)

#### Task 3.1 Repair Package 1 Bid Support (Complete)

#### Task 3.2 Repair Package 1 Construction Support (Ongoing)

#### Task 3.3 Repair Package 1 Construction Support (Ongoing)

#### Task 3.4 Repair Package 1 Construction Support (Site Visits, Ongoing)

#### Task 3.5 Repair Package 1 Coastal Commission Permit Support and Monitoring

The scope for this task includes the following:

- Monitoring during construction
- Consulting with Coastal Commission

Attend meetings as needed to address permit review comments. Develop figures to describe scope of work, access areas, and existing vegetation survey. Draft responses to Coastal Commission review comments and questions.

Prepare materials for and attend one Contractor Education meeting as required by the 401 Certification. In addition, conduct spot checks of the construction activities in or adjacent to jurisdictional waters as outlined in the 401 Certification. Helix has assumed up to 45 hours of monitoring and preparation of a monitoring final report. If additional time beyond 45 hours is needed for monitoring and reporting due to factors outside of Helix's control, a revised cost estimate will be submitted and the parties will negotiate an amendment in good faith.

Continue to coordinate with the project team and Coastal Commission of the response to comments in addition to preparing an impact map of the upland staging and access areas.

## 2 SCHEDULE

This Work Order assumes an NTP of 2/1/2020 and that construction will be complete within 16 weeks from the Contractor's notice of award.

## 3 FEE

Mott MacDonald proposes to complete the tasks described for the fees shown below on a time and materials, not-to-exceed amount of **\$37,957.31**. See Attachment B for a detailed breakdown of costs and subconsultant proposal.

## 4 ASSUMPTIONS AND EXCLUSIONS

### Assumptions for Work

- Scope covers all current permit conditions to date and covers current applications to the Coastal Commission. Once the Coastal Commission has received and evaluated the potential impacts they will determine the required mitigation measures. The scope of work to support the required mitigation measure can be developed at a later date.
- Access to the site will be provided by MTS in a timely manner.
- Assumed up to 45 hours of monitoring and preparation of a monitoring final report based on Coastal Commission review comments. If additional time beyond 45 hours is needed for monitoring and reporting to meet Coastal Commission requirements, an augment will be submitted.

### Exclusions

- Address potential conditions from the Coastal Commission as a result of the permit application and reports submitted to the Coastal Commission (e.g. this could include a vegetation plan or future mitigation). MM can provide a proposed scope if needed.

- Putting together a coastal development permit application, if required by the Coastal Commission. MM can provide a proposed scope if needed.
- Mitigation plans, if required by permitting agencies. MM can provide a proposed scope if needed.
- Legal surveys and other work associated with property acquisition, temporary easements.
- Traffic planning, engineering and preparation of traffic management plans, traffic control plans.
- Legal, financial, or other non-technical professional services except as required by Mott MacDonald to fulfill its obligations under the contract.
- Construction management or resident engineer services. MM can provide these services if needed and will provide a proposed scope if requested.
- Development of as-built drawings.

# **ATTACHMENT B NEGOTIATED FEE PROPOSAL**

# Work Order Estimate Summary

Att. C, AI 8, 07/29/2021

MTS Doc. No. **G1951.0-17**

Work Order No. **WOA1951-AE-58**

Attachment: **B**

Work Order Title: **LAS CHOLLAS CREEK BRIDGE REPAIR PROJECT -  
PILES AND CONCRETE**

Project No:

**Table 1 - Cost Codes Summary (Costs & Hours)**

Item	Cost Codes	Cost Codes Description	Total Costs
1			\$37,957.31
2			

Totals = **\$37,957.31**

**Table 2 - TASKS/WBS Summary (Costs & Hours)**

Item	TASKS/WBS	TASKS/WBS Description		Total Costs
1	Task 3.5	Regulatory Permit Monitoring During Construction	210.0	\$37,957.31
2	Task 3.6	Coastal Commission Permit Support		
3				
4				
5				
6				
7				
8				

Totals = **210.0** **\$37,957.31**

**Table 3 - Consultant/Subconsultant Summary (Costs & Hours)**

(If Applicable, Select One)				Consultant	Labor Hrs	Total Costs
DBE	DVBE	SBE	Other			
				Mott MacDonald	45.0	\$7,520.11
				Helix Environmental Planning	165.0	\$30,437.20

Totals = **210.0** **\$37,957.31**

# Work Order Estimate Summary

Att. C, AI 8, 07/29/2021

Total Hours =	45
Total Costs =	\$7,520.11

Consultant/Subconsultant: **Mott MacDonald**

MTS Doc. No.: **G1951.0-17**

Work Order Title: **LAS CHOLLAS CREEK BRIDGE REPAIR PROJECT - PILES AND CONCRETE**

Work Order No.: **WOA1951-AE-58**

Attachment: **B**

Item	TASKS/WBS	TASKS/WBS Description	ODCs (See Attachment)	Contract Manager	Senior Project Engineer - Rail and Transit	Engineer 4 (QA/QC)	Engineer 4 (Coastal)	Engineer 2 (Track)	Engineer 3 (Structural)	Senior Project Engineer - Rail / Systems	Senior CAD	Engineer 2 (Planner)	Accounting/ Admin	Total Hours	Totals
<b>1</b>	<b>Task 3.5</b>	<b>Regulatory Permit Monitoring During Construction</b>													
		Prep and Conduct Worker Education Training		1										1	\$295.87
		Construction monitoring / Report (Spot Checks)													
		Weston Benthic and Eelgrass Surveys													
		Develop Permit Gifures, Corrdination on Coastal CDP Issuance, and site visit to map upland areas	\$250.00	4	12	12					12		4	44	\$7,224.24
		Subtotals (Hours) =	N/A	5	12	12					12		4	45	\$7,520.11
		Subtotals (Costs) =	\$250.00	\$1,479.35	\$2,246.16	\$1,467.24					\$1,727.16		\$350.20	<b>45</b>	<b>\$7,520.11</b>
<b>2</b>	<b>Task 3.6</b>	<b>Coastal Commission Permit Support</b>													
		Subtotals (Hours) =	N/A												
		Subtotals (Costs) =													
		<b>Totals (Summary) =</b>													
		Total (Hours) =	N/A	5	12	12					12		4	45	\$7,520.11
		Total (Costs) =	\$250.00	\$1,479.35	\$2,246.16	\$1,467.24				\$1,727.16		\$350.20		45	\$7,520.11
		Percentage of Total (Hours) =	N/A	11%	27%	27%				27%		9%	100%		
		Percentage of Total (Costs) =	3%	20%	30%	20%				23%		5%			100%

**Work Order Estimate  
Summary**

Att. C, AI 8, 07/29/2021

Consultant/ Subconsultant: **Mott MacDonald**

Contract No: **G1951.0-17**

Task Order No. **WOA1951-AE-58**

Work Order Title: **LAS CHOLLAS CREEK BRIDGE REPAIR PROJECT - PILES AND CONCRETE**

Attachment: **B**

**TASKS/WBS (1-5)**

ODC Item	Description	Unit	Unit Cost	Task 3.5		Task 3.6				Task 4		Task 5	
				Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	Taxi fare/ car service	Day	\$71.30										
2	Per Diem - site visit days	Day	\$71.00										
3	Airfare Round trip from Seattle	Each	\$250.00	1	\$250.00								
4	Hotel (per night per person)	Day	\$173.00										
5													
6													
7													
8													
9													
10													
				Subtotal =	<b>\$250.00</b>	Subtotal =		Subtotal =		Subtotal =		Subtotal =	

**TASKS/WBS (6-10)**

ODC Item	Description									Totals			
		Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total		
1	Taxi fare/ car service												
2	Per Diem - site visit days												
3	Airfare Round trip from Seattle									1	\$250.00		
4	Hotel (per night per person)												
5													
6													
7													
8													
9													
10													
		Subtotal =		Subtotal =		Subtotal =		Subtotal =		Subtotal =		Totals =	<b>\$250.00</b>

# Work Order Estimate Summary

Att. C, AI 8, 07/29/2021

Total Hours =	165
Total Costs =	\$30,437.20

Consultant/Subconsultant: **HELIX Environmental Planning**

MTS Doc. No.: **G1951.0-17**

Work Order No.: **WOA1951-AE-58**

Work Order Title: **LAS CHOLLAS CREEK BRIDGE REPAIR PROJECT - PILES AND CONCRETE** Attachment: **B**

Item	TASKS/WBS	TASKS/WBS Description	ODCs (See Attachment)	Principal	Principal Biologist	Sr. Environmental Specialist	Sr. GIS Specialist I	Technical Editor	Sr. Project Manager 1	Biologist 1					Total Hours	Totals
				\$ 290.58	\$ 224.43	\$ 176.14	\$ 134.08	\$ 82.89	\$ 167.40	\$69.08						
<b>1</b>	<b>Task 3.5</b>	<b>Coastal Commission Coordination and Surveys</b>														
		Prep and conduct worker education training	\$287.50	1		8		8	12						29	\$4,659.12
		Construction monitoring / report (spot checks)		4						44					48	\$4,201.84
		Weston Benthic and Eelgrass surveys														
		Coordination on Coastal CDP issuance and site visit to map upland		44	32		12								88	\$21,576.24
		Subtotals (Hours) =	N/A	49	32	8	12	8	12	44					165	\$30,437.20
		Subtotals (Costs) =	\$287.50	\$14,238.42	\$7,181.76	\$1,409.12	\$1,608.96	\$663.12	\$2,008.80	\$3,039.52					<b>165</b>	<b>\$30,437.20</b>
<b>2</b>	<b>Task 3.6</b>	<b>Coastal Commission Permit Support</b>														
		Subtotals (Hours) =	N/A													
		Subtotals (Costs) =														
		<b>Totals (Summary) =</b>													<b>165</b>	<b>\$30,437.20</b>
		Total (Hours) =	N/A	49	32	8	12	8	12	44					165	
		Total (Costs) =	\$287.50	\$14,238.42	\$7,181.76	\$1,409.12	\$1,608.96	\$663.12	\$2,008.80	\$3,039.52						\$30,437.20
		Percentage of Total (Hours) =	N/A	30%	19%	5%	7%	5%	7%	27%					100%	
		Percentage of Total (Costs) =	1%	47%	24%	5%	5%	2%	7%	10%						100%



**Work Order Estimate  
Summary**

Att. C, AI 8, 07/29/2021

Consultant/ Subconsultant: **HELIX Environmental Planning**

Contract No: **G1951.0-17**

Task Order No. **WOA1951-AE-58**

Work Order Title: **LAS CHOLLAS CREEK BRIDGE REPAIR PROJECT - PILES AND CONCRETE**

Attachment: **B**

**TASKS/WBS (1-5)**

ODC Item	Description	Unit	Unit Cost	Task 2.1		Task 2.2		Task 2.3		Task 3.5		Task 3.6	
				Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	mileage	Miles	\$0.575			500	\$287.50						
2	GPS	Ea	\$60.00										
3													
4													
5													
6													
7													
8													
9													
10													
				Subtotal =		Subtotal =	<b>\$287.50</b>	Subtotal =		Subtotal =		Subtotal =	

**TASKS/WBS (6-10)**

ODC Item	Description											Totals	
		Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	mileage											500	\$287.50
2	GPS												
3													
4													
5													
6													
7													
8													
9													
10													
		Subtotal =		Subtotal =		Subtotal =		Subtotal =		Subtotal =		Totals =	<b>\$287.50</b>



1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101-7490  
(619) 231-1466 • FAX (619) 234-3407

## Agenda Item No. 9

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

TRAIN NUMBER SIGNS, BRACKETS AND SUPPORT – SOLE SOURCE

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. L1593.0-21 (in substantially the same format as Attachment A), a Sole Source award to Woojin IS America, Inc. (Woojin), to provide train number signs, brackets and support, as further described in the Scope of Work (Attachment B) and Woojin Quote (Attachment C), in the amount of \$175,170.13.

#### Budget Impact

The total budget for this project shall not exceed \$175,170.13. This project is funded by MTS Capital Improvement Project (CIP) 2002002702 - SD100 Replacement Budget.

#### DISCUSSION:

In order to confidently and accurately match the real-time vehicle location data with the current trolley schedules, MTS needed the ability to retrieve and set the train number from each LRV (A and/or B cabs). This required MTS to replace the fleet train number signs with “smart” Wi-Fi train number signs.

In 2017, MTS entered into a pilot project with Woojin under PO # 4500013135 to manufacture, test and deliver a Next Train Arrival (NTA) system that provides accurate arrival times on the digital display signs located at trolley stations.

The pilot was successful. The Woojin signs were programmable, utilized Wi-Fi and had an application program interface (API) meaning they could communicate with the NTA system which enabled the ability to track, display, and manage train numbers signs for every consist.



In 2018, under MTS Doc. No. L1456.0-18, MTS engaged directly with Woojin to roll out the successful signs throughout the entire fleet, and later on the new Mid-Coast SD9 fleet under MTS Doc. No. L1483.0-19.

In order to stay consistent with the current fleet and meet NTA system requirements, MTS requires these number signs on the new SD10 fleet under this new agreement MTS Doc. No. L1593.0-21.

Considering that a substantial amount of work has already been done under the pilot and to the existing fleet, it is not expected that a separate competitive procurement will be of benefit to the agency. A separate solicitation can yield a different contractor that would be considerably more expensive due to the significant testing period needed by the successor to get familiar with MTS's needs and the concepts behind the project, and recreate new signs to replace the already successfully tested signs. Economy and efficiency further supports award to Woojin as a logical follow-on to the project. Lastly, Woojin has provided the attached sole source letter showing that they are the sole provider of these signs and support. There are no resellers. Staff therefore recommends award of the project to Woojin as a sole source as the most cost effective, efficient, and sustainable solution from a contractual, accountability and support perspective.

Staff has determined Woojin's quoted price cost to be fair and reasonable by a comparison to MTS's Independent Cost Estimate (ICE) which is based on its historical costs:

	Sub-Total	CA Sales Tax	Delivery Cost	Overall Total
MTS ICE	\$170,000.00	\$13,175.00	\$500.00	\$183,675.00
Woojin's Quote	\$160,250.70	\$12,419.43	\$2,500.00	\$175,170.13
Total difference between MTS ICE and Quote				\$8,504.87

Therefore, staff recommends that the MTS Board authorize the CEO to execute MTS Doc. No. L1593.0-21 (in substantially the same format as Attachment A), a Sole Source award to Woojin, to provide train number signs, brackets and support, as further described in the Scope of Work (Attachment B) and Woojin Quote (Attachment C), in the amount of \$175,170.13.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachments: A. Draft Standard Agreement MTS Doc. No. L1593.0-21  
B. Scope of Work  
C. Woojin Quote

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

**STANDARD AGREEMENT  
FOR  
MTS Doc No: L1593.0-21**

**TRAIN NUMBER SIGNS, BRACKETS AND SUPPORT**

THIS AGREEMENT is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2021 in the State of California by and between San Diego Metropolitan Transit System ("MTS"), a California public agency, and the following, hereinafter referred to as "Contractor":

Name: Woojin IS America, Inc. Address: 5108 Azusa Canyon Rd.  
Irwindale, CA 91706

Form of Business: Corporation  
(Corporation, Partnership, Sole Proprietor, etc.) Email: [dohlee@wjisamerica.com](mailto:dohlee@wjisamerica.com)

Telephone: (626) 386-0101

Authorized person to sign contracts Joseph Kim Vice President and COO  
Name Title

The Contractor agrees to provide goods as specified in the conformed Scope of Work/Minimum Technical Specification (Exhibit A), Contractor's Quote (Exhibit B), and in accordance with the Standard Agreement, including Standard Conditions (Exhibit C), Federal Requirements (attached as Exhibit D) and Signed MTS Forms (attached as Exhibit E).

The contract term is effective August 15, 2021. Delivery shall be no more than 6 months after issuance of the Notice to Proceed letter. Upon delivery of each sign, there is a 5-year warranty for support and repairs of each unit. The contract shall terminate February 28, 2026.

Payment terms shall be net 30 days from invoice date. The total cost of this contract shall not exceed \$175,170.13 without the express written consent of MTS.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	WOOJIN IS AMERICA, INC.
By: _____ Sharon Cooney, Chief Executive Officer  Approved as to form:  By: _____ Karen Landers, Office of General Counsel	By _____  Title: _____

## **SCOPE OF WORK**

### **1. INTRODUCTION**

Contractor shall provide the following items to MTS:

- A. Train Number Sign for SD10 LRVs: Quantity 90
- B. Install Bracket for Mid-Coast SD9 LRVs: Quantity 100

Delivery of all orders must be shipped in a timely manner. All orders must be delivered complete within 5 to 6 months (or better) after issuance of the Notice to Proceed (NTP), unless otherwise approved by MTS. Delivery is part of the consideration and must be adhered to as specified.

### **2. DELIVERY ADDRESS**

Units will be delivered to the following address:

San Diego Trolley, Inc.  
Attn: Jason McNeil  
1341 Commercial Street, San Diego, CA 92113  
Reference PO # (TBD)

### **3. WARRANTY & TECHNICAL SUPPORT**

Contractor's costs include 5 years warranty and support.

Delivery is NTP+ 5 to 6 months. Upon delivery of each sign, there is a 5-year warranty for support and repairs of each unit.

When MTS finds a faulty unit, MTS will send the unit to the Contractor's Los Angeles office by going through the RMA process. The unit will be first reviewed at this office. If it's a simple repair, it will be done there; otherwise if not, will be sent to Contractor's Headquarters.

If the failure rate of the unit is 20% of the quantity in operation, Contractor will review the design and investigate the failures (whether it's hardware or software). If the design change is required, Contractor's personnel will visit MTS and perform a field modification on the entire fleet including spare parts. Work within 50 feet of railroad track is not expected as part of the services. However, should a field modification be required onsite at the MTS trolley yard, Contractor must obtain and provide MTS with railroad insurance coverage or provide a general liability policy with the standard railroad exclusionary language removed prior to entering MTS property. Contractor shall not enter the MTS yard without the appropriate railroad protective coverage.

#### **A. RMA process**

- i. Contact from MTS on an issue and completion of Woojin I.S. America (WISA) RMA form.
- ii. RMA number is provided to return the product with RMA number.
- iii. Initial troubleshooting and inspection is completed at WISA. Quality Control determines the next steps.
- iv. Repair at WISA or send to Headquarters for further inspection and testing.

- v. Once repaired or replaced, the item is returned to the customer with brief statement of repair or issue.

B. Return Address for RMA

Woojin IS America Inc  
5108 Azusa Canyon Rd  
Irwindale, CA 91706

C. Headquarters

Woojin Industrial Systems Co., Ltd.  
613-6, Bangchuk-ri, Sari-myeon,  
Goesan-gun, Chungcheongbuk-do  
28046  
South Korea

D. Failure Rate

- i. 20% of the quantity that is in operation.
- ii. Measured Duration: Contract Delivery Year (From delivery date+ 12 months).

E. Site Visit or Field Modification

- i. Contractor will visit MTS trolley yard or ride the MTS LRV depending on type of failure being investigated.
- ii. If there is a finding from the investigation, Contractor will discuss with MTS how to implement the modification.
- iii. In some instances, Contractor's personnel may visit MTS trolley yard and perform the modification in the vehicle at the yard. Or, this may be rotational such as:
  - a. Having MTS send some portion of products to the Woojin office.
  - b. Implement the modification on that portion and return it the customer.
  - c. Repeat this process for the rest of the products.

**4. DELIVERY AND ACCEPTANCE**

Deliverables provided under this contract shall be delivered F.O.B. to the address above in first class condition, complete and ready for operation, and the Contractor shall assume all responsibility and risk of loss incident to said delivery.

Contractor will not be held liable for failure to make delivery because of strikes, construction of property, governmental regulations, acts of God or any other causes beyond his control, provided a written extension of time is obtained from MTS.

Upon delivery, the receiving party on behalf of MTS will acknowledge receipt of said items. Delivery shall not constitute acceptance. Upon inspection and testing (if necessary) a determination will be made whether said items or products are in conformance with contract requirements. If found in conformance, MTS shall immediately approve the Contractor's invoice for payment; thereby constituting acceptance. Payment terms begin from this point. If the delivered items or products are found not in compliance, MTS will immediately notify the Contractor, and furnish all details of deficiencies. Contractor shall correct the deficiencies or supply new items (at the discretion of MTS), and resubmit for inspection and testing (if necessary).

## **5. INVOICES & PAYMENT**

Invoices must be sent to the MTS Accounting Department, via email, at [ap@sdmts.com](mailto:ap@sdmts.com). All invoices must have the Purchase Order and contract number clearly displayed to ensure timely payment. MTS will not pay on packing slips, receiving documents, delivery documents, or other similar documents. Invoices must be submitted for payment.

Contractors must also indicate if any of the invoiced amount(s) is for service or work provided by a subcontractor and indicate the amount that will be paid to the subcontractor. Contractors must also comply with the prompt payment requirements in the Prompt Progress Payments section of the Standard Conditions.

**San Diego MTS**  
**Smart Run Number Sign Rev2.2**

Proposal prepared for:

Jason McNeil

Business Systems Analyst

San Diego Metropolitan Transit System

1255 Imperial Avenue, Suite 1000

San Diego, CA 92101

+1 619-744-5940

Prepared by:

Joseph Kim

Vice President and COO

Woojin I.S. America, Inc

5108 Azusa Canyon Rd

Irwindale, CA 91706

+1 626-386-0101

**WOJIN I.S. AMERICA, INC.**

**6/11/2021**

**1) Smart Run Number Sign**

No.	Items	Quantity	Unit Price (USD)	Total Amount (USD)
1	RNS 10Key Wifi	90	1,707.23	153,650.70
2	Install Bracket	100	66.00	6,600.00
3	Freight Cost	1	2,500.00	2,500.00
			<b>TOTAL</b>	<b>162,750.70</b>

+ \$12,419.43  
(Sales Tax)

= \$175,170.13  
(Contract Total)

\*Sales Tax not included  
 \*\* 5-year warranty is included  
 \*\*\* Lead Time 16 Weeks





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## Agenda Item No. 10

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

**SUBJECT:**

PROVISION OF HPE CONFIGURE TO ORDER (CTO) SERVERS AND SUPPORT FOR CLOSED-CIRCUIT TELEVISION (CCTV) VIDEO STORAGE OF SAN DIEGO METROPOLITAN TRANSIT SYSTEM (MTS) SERVER REFRESH AND MID-COAST TROLLEY EXTENSION PROJECT– PURCHASE ORDER

**RECOMMENDATION:**

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute a Purchase Order to Nth Generation Computing Inc. for the provision of HPE CTO Servers and ongoing support services for CCTV Video Storage of MTS Server Refresh and Mid-Coast Trolley Extension Project in the amount of \$123,126.10.

Budget Impact

The total budget for this project shall not exceed \$123,126.10 (inclusive of CA 7.75% Sales Tax). This project is funded by the Information Technology (IT) Operating Budget 661010-571250 for ongoing maintenance support and Capital Improvement Program (CIP) 1007100501 and 2002010601 for the one-time purchase of the hardware, initial install and support of initial set-up.

Description	Subtotal
Hardware, Initial Install and Set-up, Shipping & Sales Tax	\$87,244.10
Maintenance Support	\$35,882.00
<b>Grand Total:</b>	<b>\$123,126.10</b>



DISCUSSION:

MTS is refreshing its current CCTV servers and purchasing back-up servers for Mid-Coast. It is critical to refresh the CCTV servers as MTS Security relies heavily on these systems to monitor trolley stations and provide additional support during security incidents. The CCTV servers provide MTS staff with the capability to view and download footage, allowing MTS to work closely with the local Law Enforcement. This CCTV server refresh will take place at seven (7) Trolley stations.

On May 7, 2021, MTS issued an Invitation for Bid (IFB) to procure seven (7) HPE CTO Servers for the Video Storage of MTS Refresh and Mid-Coast Project. The servers were to include a 60-month support license with call center troubleshooting. Four (4) bids were received on the due date of May 28, 2021. The apparent lowest bidder OSI Hardware Inc. provided an HPE Solid State Drive (SSD) and Tech Care Essential Support bid that was not compatible or compliant with the required HPE CTO Servers and was deemed not responsive. Therefore, that bid was not considered.

The remaining responsive and responsible bids had the following total amounts, including delivery charges and CA sales tax:

<b>Proposer Name</b>	<b>Overall Total Amount</b>
NTH GENERATION COMPUTING INC.	\$123,126.10
DATEL SYSTEM INC.	\$135,268.72
HOWARD INDUSTRIES INC.	\$141,853.95
<i>MTS Independent Cost Estimate (ICE)</i>	<i>\$91,831.00</i>

MTS staff has deemed Nth Generation Computing Inc. the lowest responsive and responsible bidder and the bid submitted has been determined to be fair and reasonable by comparison of bids received and MTS's ICE.

Therefore, staff recommends that the MTS Board authorize the CEO to execute a Purchase Order to Nth Generation Computing Inc. for provision HPE CTO Servers and ongoing support services for CCTV Video Storage of MTS Server Refresh and Mid-Coast Trolley Extension Project in the amount of \$123,126.10.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachment: A. Nth Generation Computing Inc. Bid Price Form

NTH GENERATION				
ITEM#	PRODUCT DESCRIPTION	QTY	UNIT PRICE (USD)	EXTENDED PRICE (USD)
1	HPE ProLiant DL380 Gen10 12LFF NC Configure-to-order Server	4	\$ 1,126.00	\$ 4,504.00
2	HPE DL380 G10 CTO Mod-X 12LFF WO NIC	4	\$ -	\$ -
3	Intel Xeon-Silver 4210R (2.4GHz/10-core/100W) FIO Processor Kit for HPE ProLiant DL380 Gen10	4	\$ 653.00	\$ 2,612.00
4	HPE 16GB (1x16GB) Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	8	\$ 370.00	\$ 2,960.00
5	Factory Integrated	8	\$ -	\$ -
6	SAS/SATA Kit	4	\$ 156.00	\$ 624.00
7	Factory Integrated	4	\$ -	\$ -
8	HPE 960GB SATA 6G Read Intensive SFF SC Multi Vendor SSD	8	\$ 269.00	\$ 2,152.00
9	Factory Integrated	8	\$ -	\$ -
10	HPE 8TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty 512e Digitally Signed Firmware HDD	36	\$ 641.00	\$ 23,076.00
11	Factory Integrated	36	\$ -	\$ -
12	NVIDIA Quadro P2200 Graphics Accelerator for HPE	4	\$ 550.00	\$ 2,200.00
13	Factory Integrated	4	\$ -	\$ -
14	HPE 96W Smart Storage Lithium-ion Battery with 145mm Cable Kit	4	\$ 70.00	\$ 280.00
15	Factory Integrated	4	\$ -	\$ -
16	HPE Smart Array P816i-a SR Gen10 (16 Internal Lanes/4GB Cache/SmartCache) 12G SAS Modular Controller	4	\$ 643.00	\$ 2,572.00
17	Factory Integrated	4	\$ -	\$ -
18	HPE Ethernet 1Gb 4-port FLR-T BCM5719 Adapter	4	\$ 181.00	\$ 724.00
19	Factory Integrated	4	\$ -	\$ -
20	HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	8	\$ 194.00	\$ 1,552.00
21	Factory Integrated	8	\$ -	\$ -
22	HPE OneView for ProLiant DL Server including 3yr 24x7 Support FIO Bundle Physical 1-server LTU	4	\$ 536.00	\$ 2,144.00
23	HPE Gen10 2U Bezel Kit	4	\$ 55.00	\$ 220.00
24	Factory Integrated	4	\$ -	\$ -
25	HPE 2U Large Form Factor Easy Install Rail Kit	4	\$ 65.00	\$ 260.00
26	Factory Integrated	4	\$ -	\$ -
27	HPE DL380 Gen10 High Performance Heat Sink Kit	4	\$ 97.00	\$ 388.00
28	Factory Integrated	4	\$ -	\$ -
29	HPE 5Y Tech Care Essential	1	\$ -	\$ -
30	HPE One View w/No Support	4	\$ 168.00	\$ 672.00
31	HPE DL38x Gen10 Support	4	\$ 4,958.00	\$ 19,832.00
<b>Subtotal:</b>				<b>\$ 66,772.00</b>

ITEM#	PRODUCT DESCRIPTION	QTY	UNIT PRICE (USD)	EXTENDED PRICE (USD)
1	HPE ProLiant DL380 Gen10 12LFF NC Configure-to-order Server	3	\$ 1,126.00	\$ 3,378.00
2	HPE DL380 G10 CTO Mod-X 12LFF WO NIC	3	\$ -	\$ -
3	Intel Xeon-Silver 4210R (2.4GHz/10-core/100W) FIO Processor Kit for HPE ProLiant DL380 Gen10	3	\$ 653.00	\$ 1,959.00
4	HPE 16GB (1x16GB) Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	6	\$ 370.00	\$ 2,220.00
5	Factory Integrated	6	\$ -	\$ -
6	HPE DL38X Gen10 2SFF Premium HDD Front NVMe or Front/Rear SAS/SATA Kit	3	\$ 156.00	\$ 468.00
7	Factory Integrated	3	\$ -	\$ -
8	HPE 960GB SATA 6G Read Intensive SFF SC Multi Vendor SSD	6	\$ 269.00	\$ 1,614.00
9	Factory Integrated	6	\$ -	\$ -
10	HPE 8TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty 512e Digitally Signed Firmware HDD	27	\$ 641.00	\$ 17,307.00
11	Factory Integrated	27	\$ -	\$ -
12	NVIDIA Quadro P2200 Graphics Accelerator for HPE	3	\$ 550.00	\$ 1,650.00
13	Factory Integrated	3	\$ -	\$ -
14	HPE 96W Smart Storage Lithium-ion Battery with 145mm Cable Kit	3	\$ 70.00	\$ 210.00
15	Factory Integrated	3	\$ -	\$ -
16	HPE Smart Array P816i-a SR Gen10 (16 Internal Lanes/4GB Cache/SmartCache) 12G SAS Modular Controller	3	\$ 643.00	\$ 1,929.00
17	Factory Integrated	3	\$ -	\$ -
18	HPE Ethernet 1Gb 4-port FLR-T BCM5719 Adapter	3	\$ 181.00	\$ 543.00
19	Factory Integrated	3	\$ -	\$ -
20	HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	6	\$ 194.00	\$ 1,164.00
21	Factory Integrated	6	\$ -	\$ -
22	HPE OneView for ProLiant DL Server including 3yr 24x7 Support FIO Bundle Physical 1-server LTU	3	\$ 536.00	\$ 1,608.00
23	HPE Gen10 2U Bezel Kit	3	\$ 55.00	\$ 165.00
24	Factory Integrated	3	\$ -	\$ -
25	HPE 2U Large Form Factor Easy Install Rail Kit	3	\$ 65.00	\$ 195.00
26	Factory Integrated	3	\$ -	\$ -
27	HPE DL380 Gen10 High Performance Heat Sink Kit	3	\$ 97.00	\$ 291.00
28	Factory Integrated	3	\$ -	\$ -
29	HPE 5Y Tech Care Essential	1	\$ -	\$ -
30	HPE One View w/ilo Support	3	\$ 168.00	\$ 504.00
31	HPE DL38x Gen10 Support	3	\$ 4,958.00	\$ 14,874.00
<b>Subtotal:</b>				\$ 50,079.00

<b>San Diego, California Sales Tax (7.75%) for Taxable line items only:</b>	\$	<b>6,275.10</b>
<b>Freight Charges/ Shipping FOB specified destination (No Charge):</b>	\$	<b>-</b>
<b>GRAND TOTAL (Basis of Award):</b>	\$	<b>123,126.10</b>



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## Agenda Item No. 11

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

BLUE LINE RAIL PLUG INSTALL - WORK ORDER AGREEMENT

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute Work Order No. MTSJOC269-12 (in substantially the same format as Attachment A), under MTS Doc. No. PWG269.0-19, with Herzog Contracting Corp. (Herzog), in the amount of \$95,897.59, and a 10% contingency in the amount of \$9,589.76, for a total amount of \$105,487.35 for the provision of services, materials and equipment for the installation of rail plugs at six locations along the Blue Line right-of-way.

#### Budget Impact

The total budget for this project shall not exceed \$105,487.35. Under MTS Doc No. L1282.0-16 with The Gordian Group, MTS will pay a 1.95% JOC software license fee in the amount of \$1,687.80. This project is funded by the Track 370016-571142.

#### DISCUSSION:

MTS has identified six locations along the Blue Line with rail defects, which is impacting MTS operations due to numerous slow orders on the system. The purpose of this project is to repair the rail by installing new rail plugs at these six locations. This work is necessary to ensure safe and efficient trolley service for MTS patrons and operators.

On March 12, 2019, MTS issued an Invitation for Bids (IFB) seeking a contractor to provide on-call Job Order Contracting (JOC) for Railroad Construction services that primarily consists of repair, remodeling or other repetitive work involving railroad construction improvements. This includes, but is not limited to, main Continuous Welded Rail (CWR) track rehabilitation/replacement, grade crossings (pre-cast concrete panels, rubber panels, paved with rubber rail interface) special track work, direct fixation, signal systems, overhead catenary, traction power, and related civil construction improvements



work; and all required incidental professional and technical services required for quality control monitoring and testing, shop drawings, safety, environmental, scheduling, traffic control, storm water pollution prevention, geotechnical, surveying, biological, and hazardous/contaminated materials.

JOC is a procurement method under which public agencies may accomplish frequently encountered repairs, maintenance, and construction projects through a single, competitively procured long-term agreement.

The JOC program includes a catalog of pricing for a variety of potential tasks to be performed under the contract that have been pre-priced by the contractor, the Gordian Group. All potential contractors are subject to the pricing within this catalog. Each contractor then includes an adjustment factor, escalating their proposed price from the catalog price, to determine the total cost of the task order. The adjustment factor represents an average percentage increase over the catalog price (i.e. 1.25 adjustment factor represents 25% above the catalog price) for that respective task within the project. In order to select the lowest responsive and responsible bidder, MTS staff compares each contractor's proposed adjustment factor.

Three (3) bids were received and MTS determined that Herzog was the lowest responsive and responsible bidder for on-call, general civil construction services. On June 13, 2019, the MTS Board authorized the CEO to execute MTS Doc. No. PWG269.0-19 with Herzog.

Today's proposed action would issue a work order to Herzog under this JOC master agreement. Pricing for this repair work order was reviewed and determined to be fair and reasonable. Herzog will be providing all materials, labor, equipment necessary to complete the project. The work is scheduled to be completed within 30 days of notice to proceed.

Therefore, staff recommends that the MTS Board authorize the CEO to execute Work Order No. MTSJOC269-12, (in substantially the same format as Attachment A), under MTS Doc. No. PWG269.0-19, with Herzog, in the amount of \$95,897.59, and a 10% contingency in the amount of \$9,589.76, for a total amount of \$105,487.35 for the provision of services, materials and equipment for the installation of rail plugs at six locations along the Blue Line right-of-way.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachment: A. Draft Job Order Contract MTSJOC269-12, MTS Doc No. PWG269.0-19

JOB ORDER CONTRACT  
WORK ORDER

CONTRACT NUMBER

PWG269.0-19

MTSJOC269-12  
WORK ORDER NUMBER

THIS AGREEMENT is entered into this \_\_\_\_\_ day of \_\_\_\_\_ 2021, in the state of California by and between San Diego Metropolitan Transit System ("MTS"), a California public agency, and the following, hereinafter referred to as "Contractor":

Name: Herzog Contracting Corp. Address: 3760 Kilroy Airport Way Suite 120  
Form of Business: Corporation Long Beach, CA 90806  
(Corporation, partnership, sole proprietor, etc.) Telephone: 562.426.4425

Authorized person to sign contracts: Clint Larison Senior Vice President of California Region  
Name Title

Pursuant to the existing Job Order Contract (MTS Doc. No. PWG269.0-19), MTS issues a Work Order to Contractor to complete the detailed Scope of Work (attached as Exhibit A.), the Cost Breakdown for the Scope of Work (attached as Exhibit B.), and the subcontractor listing form applicable to this Work Order (attached as Exhibit C.)

TOTAL PAYMENTS TO CONTRACTOR SHALL NOT EXCEED \$95,897.59

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	HERZOG CONTRACTING CORP.
By: _____ Sharon Cooney, Chief Executive Officer Approved as to form: By: _____ Karen Landers, General Counsel	By _____ Title: _____

**EXHIBIT A**  
**(Scope of Work)**



**San Diego Metropolitan Transit System**

1255 Imperial Ave  
San Diego, CA 92101

**Detailed Scope of Work/Request for Proposal**

Date: 6/6/2021

**Job Order Contracting**

**To:**

**From:**

**Cesar Garcia**  
Contractor Project Engineer  
Herzog Contracting Corp.  
3670 Kilroy Airport Way  
Long Beach, CA 90806

**Gabriel McKee**  
Project Manager  
San Diego Metropolitan Transit System  
1255 Imperial Ave, Suite 900  
San Diego, CA 92101

**Contract No:** PWG275.0-19  
**Job Order No:** MTSJOC269-12  
**Job Order Title:** BL Rail Plug Install  
**Location:** Blue Line right-of-way

**Brief Scope:** This job order is for the installation of rail plugs and/or welds at six (6) EA locations on the Blue Line right-of-way.

The Contractor shall complete the construction of this project in its entirety, and shall provide all labor, materials, equipment, and traffic control required for all work including utility protection, procuring all materials, and performing all other work necessary to complete the work in accordance with this Detailed Scope of Work, and the Conformed Special Provisions.

This job order is for the installation of rail plugs and/or welds at six (6) EA locations on the Blue Line right-of-way.

The Contractor Shall:

- East Park/West Park – Install a 20-ft rail plug on the eastbound track, outside rail, and no distressing.
- Mile Post 13.5 – Install a 60-ft rail plug on the westbound track, inside rail, and distress 200-ft each direction.
- South of Beyer Bridge – Install a 40-ft plug on the eastbound track, outside rail, and no distressing.
- Mile Post 6.25 – Install a 40-ft plug on the westbound track, inside rail, and distress 100-ft one direction and 300-ft the other direction.
- Near Mile Post 4.75 – Install a 40-ft plug on the eastbound track, outside rail, and distress 200-ft each direction.
- Switch 25A – Weld the existing joint at the turnout with 119/115 wide weld kit.

Owner Furnished Materials

- MTS to provide all rail necessary for rail plugs located between J St and L St on the Blue Line.

Specifications:

All work shall conform to the Special Provisions within the executed MTS Job Order Contract (JOC) PWG269.0-19

Existing Utilities:

The Contractor's attention is directed to the existence of overhead power lines, energized trolley wires, catenary poles, signals, and grade crossing signals at the locations of work. Any one or a combination of these obstructions could exist at any one location. No obstructions shall be permitted within 10 feet of operating tracks. The Contractor shall notify MTS at least 3 working days prior to excavating in the railroad right-of-way to locate buried cables.

Standard Work Windows:

Weekday non-revenue service will be from approximately 1:30 AM to 4:15 AM  
Contract Schedule:

All work shall be complete as soon as possible with 30 calendar days from issuance of NTP.

*Gabriel McKee*

**Gabriel McKee, Owner Project Manager**

6/6/2021

**Date**

**EXHIBIT B**  
**(Cost Breakdown)**



**Contractor Price Proposal Detail**  
**By Division Report**  
**Version: 1.3**

**JOC Name (Contractor):** Herzog Contracting Corp  
**Contract Name:** 2019 - RR Construction - Herzog - Option 1  
**Contract Number:** PWG269.0-19  
**Job Order Number:** MTSJOC269-12  
**Job Order Title:** BL Rail Plug Installation  
**Location:** Blue Line ROW  
**Cost Proposal Date:** June 30, 2021  
**Proposal Value:** \$95,897.59

Division		NPP Item	Division Totals
01	General Requirements	\$0.00	\$68,866.65
02	Existing Conditions	\$0.00	\$2,018.60
34	Transportation	\$0.00	\$25,012.34
<b>Proposal Total:</b>			<b>\$95,897.59</b>
<b>The Percentage of Non Pre-Priced on this Proposal:</b>			<b>0.00%</b>



**Contractor Price Proposal Detail**  
**By Division Report**  
**Version: 1.3**

**JOC Name (Contractor):** Herzog Contracting Corp  
**Contract Name:** 2019 - RR Construction - Herzog - Option 1  
**Contract Number:** PWG269.0-19  
**Job Order Number** MTSJOC269-12  
**Job Order Title** BL Rail Plug Installation  
**Location:** Blue Line ROW  
**Cost Proposal Date:** June 30, 2021  
**Proposal Value:** \$95,897.59

Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total
<b>01 General Requirements</b>							
1	012220000014		HR	Equipment Operator, Medium (Bulldozer)			
	<b>Accepted</b>				<b>Quantity x Unit Price x Factor =</b>		<b>LineTotal</b>
		Installation	HR		88.00 x \$90.08 x 1.1296 =		\$8,954.38
							<u>\$8,954.38</u>
				<b>User Note:</b> **speed swing operator (10) EA days + additional day to help with rail move**			
				<b>Item Note:</b> For tasks not included in the Construction Task Catalog® and as directed by owner only.			
				<b>Owner Comments:</b>			
				<b>Contractor Comments:</b>			
2	012220000015		HR	Equipment Operator, Light (Backhoe, Skid-Steer Loader)			
	<b>Added</b>				<b>Quantity x Unit Price x Factor =</b>		<b>LineTotal</b>
		Installation	HR		48.00 x \$89.65 x 1.1296 =		\$4,860.89
							<u>\$4,860.89</u>
				<b>User Note:</b>			
				<b>Item Note:</b> For tasks not included in the Construction Task Catalog® and as directed by owner only.			
				<b>Owner Comments:</b>			
				<b>Contractor Comments:</b> V:1.3-**to help operate rail heater and vibrator for (6) days due to lack of labor included in those items**			
3	012220000076		HR	Escort Vehicle With Driver			
	<b>Accepted</b>				<b>Quantity x Unit Price x Factor =</b>		<b>LineTotal</b>
		Installation	HR		8.00 x \$76.65 x 1.1296 =		\$692.67
							<u>\$692.67</u>
				<b>User Note:</b> **to help with rail move**			
				<b>Item Note:</b>			
				<b>Owner Comments:</b>			
				<b>Contractor Comments:</b>			



Contractor Price Proposal Detail
By Division Report
Version: 1.3

Table with 7 columns: Item ID, Description, Unit, Quantity, Unit Price, Factor, Line Total. Row 4: 012223000650, 4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower, Installation DAY, 10.00, \$151.58, 1.1296, \$1,712.25.

User Note:

Item Note:

Owner Comments:

Contractor Comments:

Table with 7 columns: Item ID, Description, Unit, Quantity, Unit Price, Factor, Line Total. Row 5: 012223001283, 1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver, Installation DAY, 10.00, \$823.74, 1.1296, \$9,304.97.

User Note:

Item Note:

Owner Comments:

Contractor Comments:

Table with 7 columns: Item ID, Description, Unit, Quantity, Unit Price, Factor, Line Total. Row 6: 012223001303, 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver, Installation DAY, 10.00, \$832.68, 1.1296, \$9,405.95.

User Note:

Item Note:

Owner Comments:

Contractor Comments:

Table with 7 columns: Item ID, Description, Unit, Quantity, Unit Price, Factor, Line Total. Row 7: 012223001351, Highrail Truck With Crane And Full-time Driver, Installation DAY, 11.00, \$705.16, 1.1296, \$8,762.04.

User Note: \*\*In lieu of prentice loader + additional day to help with rail move\*\*

Item Note:

Owner Comments:

Contractor Comments:



**Contractor Price Proposal Detail**  
**By Division Report**  
**Version: 1.3**

8	012223001363	DAY	Speedswing Loader							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	DAY		11.00	x	\$336.23	x	1.1296	=	\$4,177.86
										<u>\$4,177.86</u>

**User Note:** \*\*additional day to help with rail move\*\*

**Item Note:**

**Owner Comments:**

**Contractor Comments:**

9	012223001375	DAY	Tamper MK1							
	<b>Modified</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	DAY		6.00	x	\$491.42	x	1.1296	=	\$3,330.65
										<u>\$3,330.65</u>

**User Note:** \*\*In lieu of rail vibrator\*\*

**Item Note:**

**Owner Comments:** V:1.2-Destressing occurs at 3 total locations.

**Contractor Comments:** V:1.3-(2) days of destressing per each location requiring destressing

10	012223001378	DAY	Tamper Mk2							
	<b>Modified</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	DAY		6.00	x	\$750.06	x	1.1296	=	\$5,083.61
										<u>\$5,083.61</u>

**User Note:** \*\*in lieu of rail heater\*\*

**Item Note:**

**Owner Comments:** V:1.2-Destressing occurs at 3 total locations.

**Contractor Comments:** V:1.3-(2) days of destressing per each location requiring destressing

11	012223001420	DAY	Rail Puller/Tensioner							
	<b>Modified</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	DAY		6.00	x	\$38.80	x	1.1296	=	\$262.97
										<u>\$262.97</u>

**User Note:** (2) EA for 10 days

**Item Note:**

**Owner Comments:** V:1.2-Destressing is only occurring at 3 total locations.

**Contractor Comments:** V:1.3-(2) days of destressing per each location requiring destressing



Contractor Price Proposal Detail
By Division Report
Version: 1.3

Table with 7 columns: Item ID, Description, Unit, Quantity, Unit Price, Factor, LineTotal. Row 12: 012223001447, DAY Spike Puller, Small, Installation DAY, 10.00, \$45.26, 1.1296, \$511.26.

User Note:

Item Note:

Owner Comments: V:1.2-Destressing is only occuring at 3 total locations.

Contractor Comments:

Table with 7 columns: Item ID, Description, Unit, Quantity, Unit Price, Factor, LineTotal. Row 13: 015219000003, MO Portable Chemical Toilet, Installation MO, 1.00, \$165.00, 1.1296, \$186.38.

User Note:

Item Note:

Owner Comments:

Contractor Comments:

Table with 7 columns: Item ID, Description, Unit, Quantity, Unit Price, Factor, LineTotal. Row 14: 015219000003, 0003 MO For Each Additional Servicing Per Unit Per Week, Add, Installation MO, 1.00, \$25.00, 1.1296, \$28.24.

User Note:

Item Note:

Owner Comments:

Contractor Comments:

Table with 7 columns: Item ID, Description, Unit, Quantity, Unit Price, Factor, LineTotal. Row 15: 015219000003, 0004 MO For Delivery, Add, Installation MO, 1.00, \$25.00, 1.1296, \$28.24.

User Note:

Item Note:

Owner Comments:

Contractor Comments:





Contractor Price Proposal Detail
By Division Report
Version: 1.3

Table with 7 columns: Item ID, Description, Unit, Quantity, Unit Price, Factor, Line Total. Row 16: 017113000004, EA, First 25 Miles, Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed, Modified, Installation, EA, 8.00, \$734.34, 1.1296, \$6,636.08.

User Note: \*\*In lieu of mobilization for Speed Swing from Chino Equipment Yard + moving to each different location per night/as needed)\*\*

Item Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with >40' boom lengths, etc.

Owner Comments: V:1.2-Multiple mobilizations should not be included if work takes place over multiple nights.

Contractor Comments: V:1.3-\*\*corrected to speed swing mobilization\*\*

Table with 7 columns: Item ID, Description, Unit, Quantity, Unit Price, Factor, Line Total. Row 17: 017113000004, EA, First 25 Miles, Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed, Accepted, Installation, EA, 1.00, \$734.34, 1.1296, \$829.51.

User Note: \*\*In lieu of mobilization for Prentice Loader from Chino Equipment Yard\*\*

Item Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with >40' boom lengths, etc.

Owner Comments:

Contractor Comments:

Table with 7 columns: Item ID, Description, Unit, Quantity, Unit Price, Factor, Line Total. Row 18: 017113000004, EA, First 25 Miles, Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed, Accepted, Installation, EA, 1.00, \$734.34, 1.1296, \$829.51.

User Note: \*\*In lieu of mobilization for Welding Van from Chino Equipment Yard\*\*

Item Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with >40' boom lengths, etc.

Owner Comments:

Contractor Comments:



Contractor Price Proposal Detail
By Division Report
Version: 1.3

Table with columns: Item ID, Description, Quantity, Unit Price, Factor, LineTotal. Row 19: 017113000005, Installation MI, 110.00, \$8.77, 1.1296, \$1,089.73

User Note: \*\*speed swing mobilization from Chino Equipment Yard\*\*

Item Note: Excludes first 25 miles.

Owner Comments:

Contractor Comments:

Table with columns: Item ID, Description, Quantity, Unit Price, Factor, LineTotal. Row 20: 017113000005, Installation MI, 110.00, \$8.77, 1.1296, \$1,089.73

User Note: \*\*Prentice Loader mobilization from Chino Equipment Yard\*\*

Item Note: Excludes first 25 miles.

Owner Comments:

Contractor Comments:

Table with columns: Item ID, Description, Quantity, Unit Price, Factor, LineTotal. Row 21: 017113000005, Installation MI, 110.00, \$8.77, 1.1296, \$1,089.73

User Note: \*\*Welding Van mobilization from Chino Equipment Yard\*\*

Item Note: Excludes first 25 miles.

Owner Comments:

Contractor Comments:



Contractor Price Proposal Detail
By Division Report
Version: 1.3

Table with columns: Record #, CSI Number, MOD, UOM, Description, Unit Price, Factor, Total. Includes sections for '02 Existing Conditions', 'Accepted' items, and notes for User, Item, Owner, and Contractor.



Contractor Price Proposal Detail
By Division Report
Version: 1.3

Table with columns: Record #, CSI Number, MOD, UOM, Description, Unit Price, Factor, Total. Includes sections for Record # 24 (Transportation), 25 (Field Weld Testing), and 26 (Furnish And Install Compromise Joint All Rail Size Combinations). Each record includes a calculation table for Quantity, Unit Price, Factor, and LineTotal, along with User Note, Item Note, Owner Comments, and Contractor Comments.

28	341113230064	LF	Remove And Dispose/Recycle Of Existing Rail							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	LF		200.00	x	\$2.44	x	1.1296	=	\$551.24
										\$551.24

**User Note:**

**Item Note:** Note: Includes rails, plates and spikes/clips.

**Owner Comments:**

**Contractor Comments:**

29	341193000006	EA	Pandrol E-Clip, Galv.							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	EA		400.00	x	\$22.71	x	1.1296	=	\$10,261.29
										\$10,261.29

**Materials Excluded**

**User Note:** \*\* for removal and reinstall of approx. 400 EA E-Clips on: South of Beyer & Mile Post 6.25 (Bridge)\*\*

**Item Note:**

**Owner Comments:**

**Contractor Comments:**

								<b>Total:</b>	<b>\$95,897.59</b>
								<b>Proposal Total:</b>	<b>\$95,897.59</b>
								<b>The Percentage of Non Pre-Priced on this Proposal:</b>	<b>0.00%</b>

**Contractor Project Manager**  
**Herzog Contracting Corp**

**Date**

**EXHIBIT C**  
**(Subcontractor Listing)**

# San Diego Metropolitan Transit System

1255 Imperial Ave  
San Diego, CA 92101

## Subcontractor Report

Date: 7/1/2021

Job Order Contracting

**Contract #:** PWG269.0-19  
**Job Order #:** MTSJOC269-12  
**Job Order Title:** BL Rail Plug Installation  
**Location:** Blue Line ROW  
**Contractor:** Herzog Contracting Corp  
**Subcontractor:**

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Subcontractor Name	License Number	Describe Nature of Work (Trade)	Certifications	Subcontractor Total	%
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1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101-7490  
(619) 231-1466 • FAX (619) 234-3407

## Agenda Item No. 12

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

KEARNY MESA DIVISION (KMD) ZERO EMISSION BUS (ZEB) TRAINING  
CLASSROOM – WORK ORDER AGREEMENT

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute Work Order MTSJOC324-03 under Job Order Contract (JOC) to MTS Doc. No. PWG324.0-21 (in substantially the same format as Attachment A) with ABC General Contractor, Inc. (ABCGC), in the amount of \$132,136.13, for construction of a ZEB training classroom at KMD.

#### Budget Impact

The total budget for this project shall not exceed \$132,136.13. Under separate MTS Doc No. L1282.0-16, with The Gordian Group, MTS will pay a 1.95% JOC software license fee in the amount of \$2,325.60. This project is funded by MTS Capital Improvement Project (CIP) 1001105501 – KMD ZEB Training Classroom, which is part of the ZEB Pilot Program.

#### DISCUSSION:

With the introduction of the zero-emission bus fleet as part of the ZEB pilot program, there is additional training required to meet the needs of maintaining the new buses. This training will provide mechanics the skills and tools necessary to properly and safely service and repair the electrical systems and components on the buses. As part of the training process, new ZEB equipment, components and personal protection equipment (PPE) are used for instructional purposes, which is a separate training process than standard Compressed Natural Gas (CNG) buses. This additional classroom training and physical equipment used for instructional purposes is currently placing a strain on the already constricted existing training classroom at KMD. The existing training classroom at KMD is about 460 square feet and is undersized to adequately meet the increased demand for training mechanics and servicers for both CNG and ZEB operations, while storing physical training equipment.





This project consists of rehabilitating a 900 square foot storage room at KMD into a distinct ZEB training classroom. The work includes constructing a new closet for storing ZEB training equipment as well as new flooring, paint, a suitable HVAC system, and new power and data outlets on the floors and walls so as to create a suitable and comfortable training space.

On October 6, 2020, MTS issued an Invitation for Bids (IFB) seeking a contractor to provide JOC building and facilities construction services that primarily consists of repair, remodeling, or other repetitive work, and general building and facility contracting services. These services include, but are not limited to, demolition, maintenance, and modification of existing buildings and facilities, as well as any required incidental professional and technical services.

JOC is a procurement method under which public agencies may accomplish frequently encountered repairs, maintenance, and construction projects through a single, competitively procured long-term agreement.

The JOC program includes a catalog of pricing for a variety of potential tasks to be performed under the contract that have been pre-priced by the contractor, the Gordian Group. All potential contractors are subject to the pricing within this catalog. Each contractor then includes an adjustment factor, escalating their proposed price from the catalog price, to determine the total cost of the task order. The adjustment factor represents an average percentage increase over the catalog price (i.e. 1.25 adjustment factor represents 25% above the catalog price) for that respective task within the project. In order to select the lowest responsive and responsible bidder, MTS staff compares each contractor's proposed adjustment factor.

Nine (9) bids were received and MTS determined that ABC was the lowest responsive and responsible bidder. On December 10, 2020, the MTS Board authorized the CEO to execute MTS Doc. No. PWG324.0-21 with ABC for General Building Construction Services.

On May 1, 2021, MTS granted an assignment of the existing contract from ABC to ABCGC to perform requisite construction services through the JOC program.

Today's proposed action would issue a work order to ABCGC under this JOC master agreement. Pricing for this repair work order was reviewed and determined to be fair and reasonable. ABCGC will be providing all materials, labor, and equipment for the training classroom construction. Work is expected to be completed by October 2021.

Therefore, staff recommends that the MTS Board authorize the CEO to execute Work Order MTSJOC324-03 under JOC to MTS Doc. No. PWG324.0-21 with ABCGC, in the amount of \$132,136.13, for creating a ZEB training classroom at KMD.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachment: A. Draft Work Order Contract MTSJOC324-03, MTS Doc No. PWG324.0-21

JOB ORDER CONTRACT  
WORK ORDER

PWG324.0-21  
CONTRACT NUMBER

MTSJOC324-03  
WORK ORDER NUMBER

THIS AGREEMENT is entered into this \_\_\_\_\_ day of \_\_\_\_\_ 2021, in the state of California by and between San Diego Metropolitan Transit System ("MTS"), a California public agency, and the following, hereinafter referred to as "Contractor":

Name: ABC General Contractor, Inc. Address: 3120 National Avenue  
Form of Business: Corporation San Diego, CA 92113  
(Corporation, partnership, sole proprietor, etc.) Telephone: (619) 247-7113

Authorized person to sign contracts: Kenneth Czubernat President  
Name Title

Pursuant to the existing Job Order Contract (MTS Doc. No. PWG324.0-21), MTS issues a Work Order to Contractor to complete the detailed Scope of Work (attached as Exhibit A.), the Cost Breakdown for the Scope of Work (attached as Exhibit B.), and the subcontractor listing form applicable to this Work Order (attached as Exhibit C.)

TOTAL PAYMENTS TO CONTRACTOR SHALL NOT EXCEED \$132,136.13

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	ABC GENERAL CONTRACTOR, INC.
By: <u>Sharon Cooney, Chief Executive Officer</u>	Firm: _____
Approved as to form:	By: _____ Signature
By: <u>Karen Landers, General Counsel</u>	Title: _____

**EXHIBIT A**  
**(Scope of Work)**



# San Diego Metropolitan Transit System

1255 Imperial Ave  
San Diego, CA 92101

## Final Scope of Work

Date: 6/29/2021

**Job Order Contracting**

**To:**

**From:**

**Contract No:** PWG324.0-21  
**Job Order No:** MTSJOC324-03  
**Job Order Title:** KMD ZEB Training Room  
**Location:** KMD Maintenance Building  
 4630 Ruffner Street  
 San Diego, CA 92111

**Brief Scope of Work:** Remodel of storage room into training classroom for ZEB training.

Eli Belknap, Manager of Capital Projects

Date

**SECTION 7- SCOPE OF WORK/MINIMUM TECHNICAL SPECIFICATIONS**

**SECTION 7-1 GENERAL**

Within the Kearny Mesa Division (“KMD”), there is a training room for the servicers, but it is insufficiently sized and does not provide enough room for the growing need for training related to training on the new zero emission buses (“ZEB”). This project generally consists of the remodeling a storage room into a ZEB training classroom.

All work is to occur within the maintenance building at KMD located at 4630 Ruffner Road, San Diego 92111.

**SECTION 7-2 STAGING**

Contractor is to keep and store all materials and equipment within the work area as possible. Any further staging would have to be coordinated with the MTS Project Manager. There may be some available space adjacent to the work area. All property stored onsite is the responsibility of the contractor and MTS shall not be held liable for any and all equipment, material, tools, etc.

**SECTION 7-3 TEMP FACILITIES**

The contractor is to provide their own temporary restrooms and wash facilities as needed., but may use the adjacent facilities in the building. Contractor is responsible for temp power and water if there is not a close or local source.

**SECTION 7-4 SAFETY AND ACCESS**

Diligent caution must be taken during the undertaking of this work. All work will occur within the building on the second floor. Key personnel will be granted badges for access. Only vehicles necessary for the performance of the work shall be parked within the lot adjacent to the work. All other parking can be on Engineer Rd.

**SECTION 7-5 WASTE**

The contractor is responsible for legally disposing of any and all waste in relation to the work. The contractor shall not use any onsite receptacles to dispose of material generated during the performance of this contract. Contractor is responsible for general cleanup at the end of each work day.

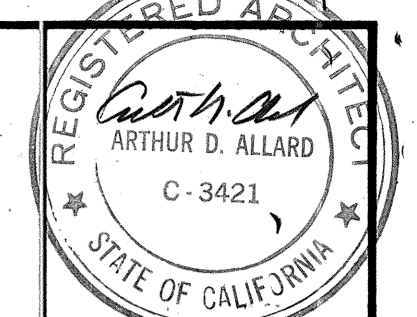
**SECTION 7-6 SCHEDULE AND SEQUENCING**

All work shall be completed within sixty (60) calendar days from issuance of Notice to Proceed. It is assumed there will be some lead time for some items, which is included in the duration. The work shall commence once all material is available and the work can proceed without stoppages. Contractor is to provide a schedule for the work.

**SECTION 7-7 ZEB TRAINING CLASSROOM**

The work consists of converting the storage room into a suitable training room consisting of the following general requirements that the contractor is to perform:

1. Finishes/framing
  - a. Frame and finish new wall w/ sound attenuating gyp board, location to be verified on site.
  - b. Seal existing openings where sound is coming through existing walls from other areas in the facility as well as locations along the top of newly built wall.
  - c. Repair/prep/paint all existing and new walls.
  - d. Demo existing flooring and base.
  - e. Provide and install new resilient flooring and base.
  - f. Provide and install new set of double doors/frame w/ all associated hardware (closers and lock/latch sets). New latch sets to be non-locking storeroom/passage function.
  - g. Provide and install new louvers into existing double doors.
  - h. Prep/prime/paint all doors/frames.
  - i. Coordinate with access control to retrofit existing doors for new access control.
  - j. Slot patch where floor will be cut for installation of electrical boxes
2. Electrical
  - a. Move existing electrical to allow for new wall to land center of concrete column where existing electrical is located. New location to be verified on site.
  - b. Demo 9 existing ceiling lights.
  - c. Provide and install 9 new LED fixtures. New fixtures should be 0-10 dimming.
  - d. Provide and install new double wall switch to control 2 zones of lighting.
  - e. Demo existing occupancy sensor.
  - f. Provide and install new occupancy sensor.
  - g. Provide and install 9 new heavy duty floor boxes for comm & power. Location to be verified by client.
  - h. Provide and install surface mounted wiremold.
  - i. Provide and install 6 new comm & power outlets. Location to be verified by client.
  - j. Provide and install TV power outlet in wall as well as run HDMI from tv to wall outlet.
  - k. Provide power to new split unit location to be verified on site.
3. HVAC
  - a. Demo and cap existing HVAC square duct.
  - b. Insulate existing round exhaust duct.
  - c. Provide and install new split unit.
4. Access control
  - a. Provide and install new card reader on existing doors.
  - b. Coordinate with door sub for installation of new access control hardware in existing doors/frames.



Date #1 CHK 2/85

**DELEW, CATHNER & COMPANY**  
 ENGINEERS AND PLANNERS  
 120 Howard Street, P.O. Box 3821  
 San Francisco, California 94119 415-495-6000

**JAYKIM ENGINEERS, INC.**  
 8805 Balboa Ave. Suite D, San Diego, Ca. 92123 (619) 292-8816

**sgipa**  
 NATIONAL ASSOCIATION OF ARCHITECTS  
 MEMBERS OF THE AMERICAN INSTITUTE OF ARCHITECTURE  
 SAN DIEGO, CALIFORNIA 92108 (619) 591-2911

**SAN DIEGO TRANSIT CORPORATION**  
**KEARNY MESA DIVISION**

U.S. DEPARTMENT OF TRANSPORTATION  
 U.M.T.A. PROJECT NO. CA-03-0086-2

San Diego Transit

Sheet Title: **BLDG. 100 - FLOOR PLAN (EAST) - SECOND LEVEL**

Metropolitan Transit Development Board  
 600 C Street, Suite 400 San Diego, California 92101 231-5446

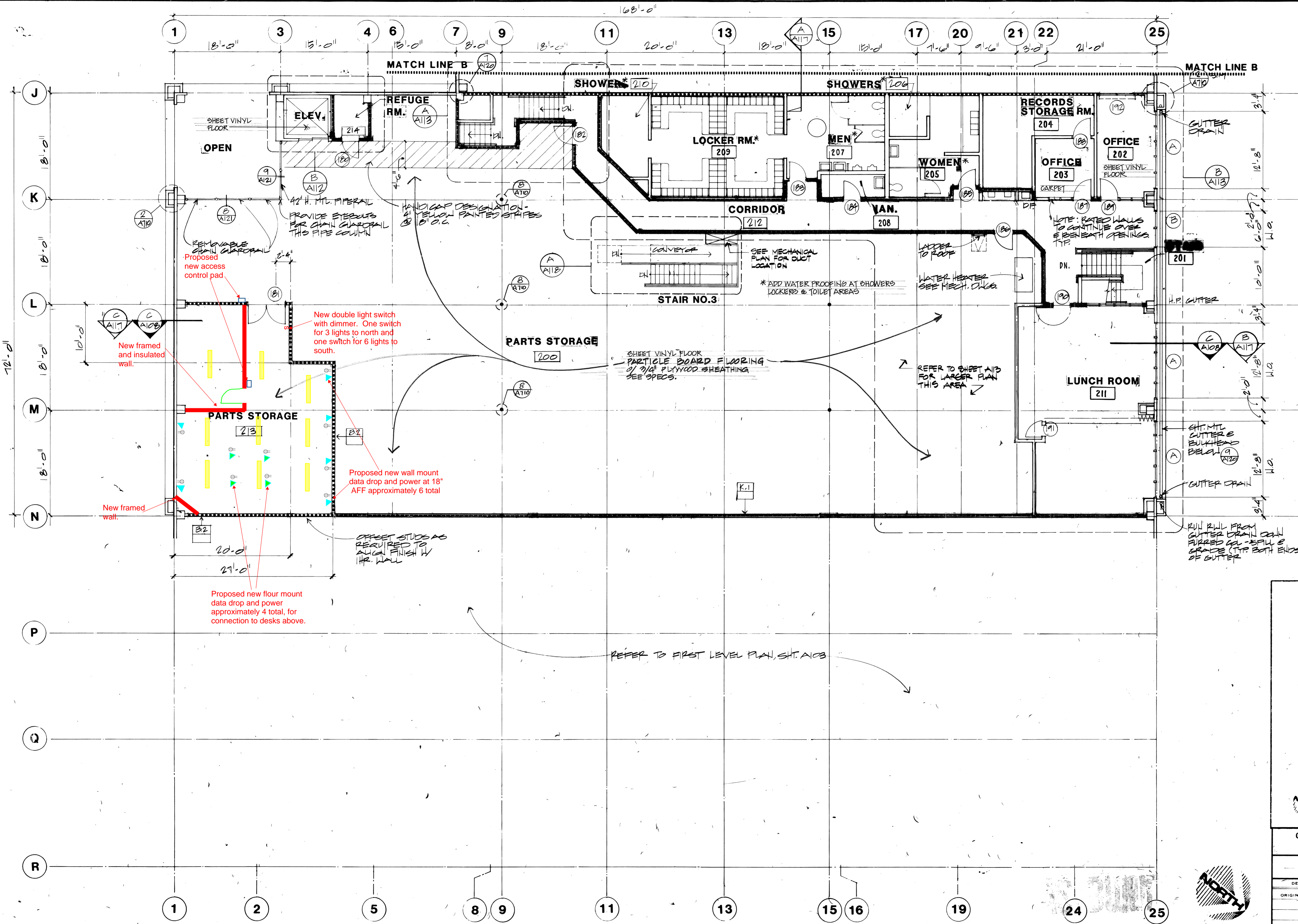
Sheet No. **A104**

CITY OF SAN DIEGO, CALIFORNIA	ENGINEERING DEPARTMENT	SHEET OF SHEETS	DATE	REASON
			4/24/85	PC NO2
			8/1/85	PC NO2

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL				

CONTRACTOR: \_\_\_\_\_ DATE STARTED: \_\_\_\_\_  
 INSPECTOR: \_\_\_\_\_ DATE COMPLETED: \_\_\_\_\_

DWG. NO. 34

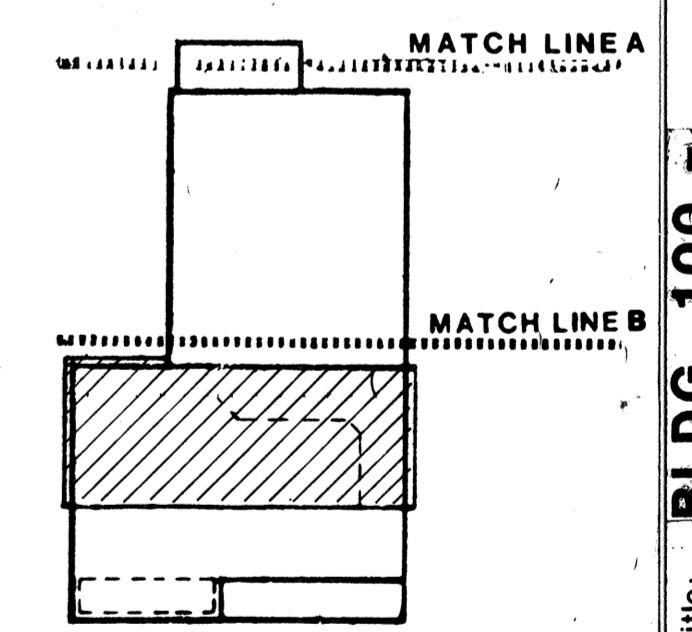


**RATED WALL KEY**

..... 2 HOUR WALL  
 ——— 1 HOUR WALL

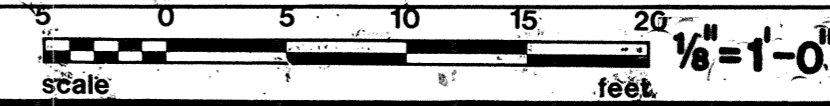
NOTE: REFER TO WALL TYPES (CONT. A101) FOR ADDITIONAL INFORMATION

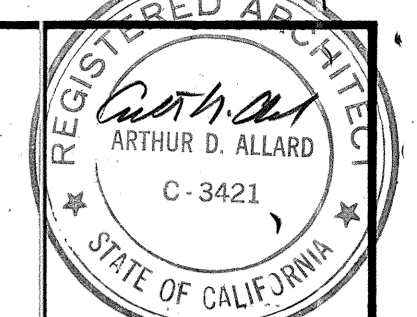
**AS BUILT**



**KEY PLAN**  
NO SCALE

**BLDG. 100 - FLOOR PLAN (EAST) - SECOND LEVEL**





Date #1 CHK 2/85

**DeLew, Cather & Company**  
 ENGINEERS AND PLANNERS  
 120 Howard Street, P.O. Box 3821  
 San Francisco, California 94119 415-495-6000

**JAYKIM ENGINEERS, INC.**  
 8805 Balboa Ave. Suite D, San Diego, Ca. 92123 (619) 292-8816

**sgipa**  
 NATIONAL SOCIETY OF PROFESSIONAL ARCHITECTS  
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 SAN DIEGO, CALIFORNIA 92101 (619) 591-5151

**SAN DIEGO TRANSIT CORPORATION**  
**KEARNY MESA DIVISION**

U.S. DEPARTMENT OF TRANSPORTATION  
 U.M.T.A. PROJECT NO. CA-03-0086-Z

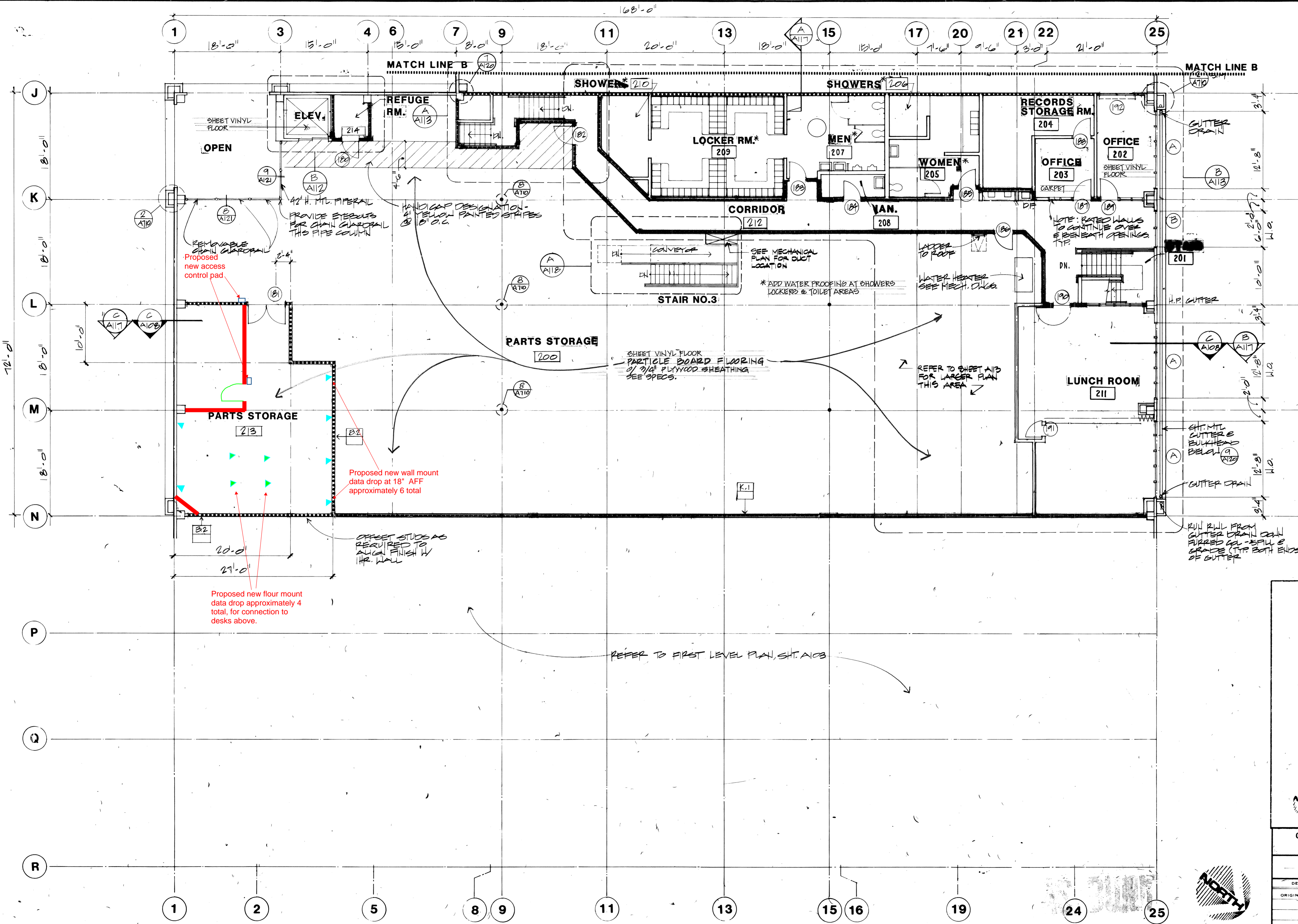
San Diego Transit

Sheet Title: **BLDG. 100 - FLOOR PLAN (EAST) - SECOND LEVEL**

Sheet No. **A104**

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 600 C Street, Suite 400 San Diego, California 92101 231-5446

CITY OF SAN DIEGO, CALIFORNIA		DATE	REASON
ENGINEERING DEPARTMENT	SHEET OF SHEETS	4/24/85	PC NO2
CITY ENGINEER	DATE	8/1/85	PC NO2
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL			
CONTRACTOR	DATE STARTED		
INSPECTOR	DATE COMPLETED		



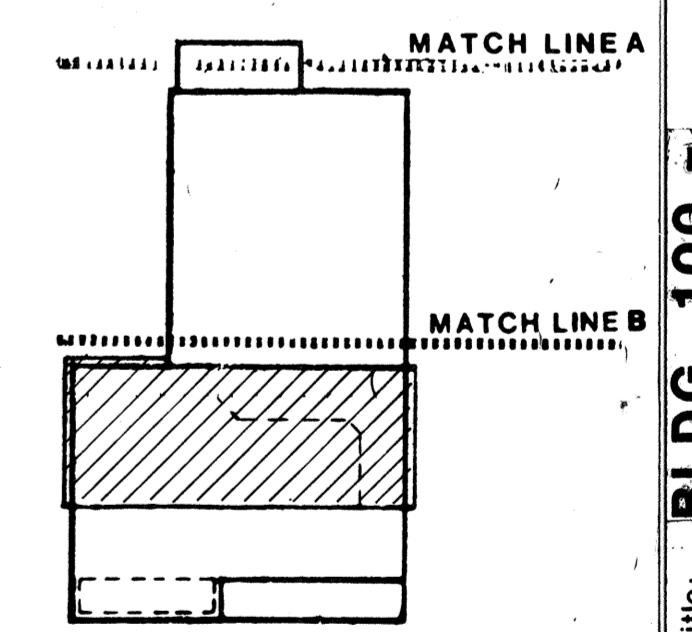
**RATED WALL KEY**

..... 2 HOUR WALL

———— 1 HOUR WALL

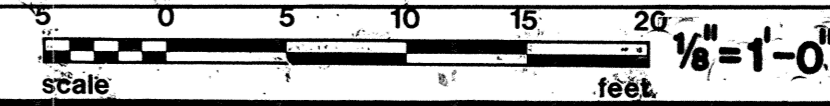
NOTE: REFER TO WALL TYPES (CONT. A101) FOR ADDITIONAL INFORMATION

**AS BUILT**



**KEY PLAN**  
NO SCALE

**BLDG. 100 - FLOOR PLAN (EAST) - SECOND LEVEL**





**EXHIBIT B**  
**(Cost Breakdown)**



**Price Proposal Detail**

**By Division Report**

**Version: 2.0**

**Approved 06/28/2021 02:06:59 PM PST**

**Job: MTSJOC324-03: KMD ZEB Training Room**

**JOC Name (Contractor):** ABC Construction Co., Inc.  
**Contract Name:** JOC Building and Facilities Construction Services  
**Contract Number:** PWG324.0-21  
**Job Order Number:** MTSJOC324-03  
**Job Order Title:** KMD ZEB Training Room  
**Location:** KMD Maintenance Building  
**Cost Proposal Date:** June 28, 2021  
**Proposal Value:** \$132,136.13

Division		NPP Total	Division Totals
01	General Requirements	\$0.00	\$10,137.74
02	Existing Conditions	\$0.00	\$337.36
03	Concrete	\$0.00	\$2,808.62
06	Wood, Plastics, and Composites	\$0.00	\$2,848.16
07	Thermal And Moisture Protection	\$0.00	\$925.92
08	Openings	\$0.00	\$6,797.07
09	Finishes	\$0.00	\$34,859.81
11	Equipment	\$0.00	\$34.54
13	Special Construction	\$0.00	\$957.48
22	Plumbing	\$0.00	\$3,493.70
23	Heating, Ventilating, And Air-Conditioning (HVAC)	\$0.00	\$20,481.66
26	Electrical	\$0.00	\$25,525.95
27	Communications	\$0.00	\$15,776.81
28	Electronic Safety And Security	\$0.00	\$7,151.31
		<b>Proposal Total:</b>	<b>\$132,136.13</b>
		<b>The Percentage of Non Pre-Priced on this Proposal:</b>	<b>0.00%</b>



**Price Proposal Detail**

**By Division Report**

**Version: 2.0**

**Approved 06/28/2021 02:06:59 PM PST**

**Job: MTSJOC324-03: KMD ZEB Training Room**

**JOC Name (Contractor):** ABC Construction Co., Inc.  
**Contract Name:** JOC Building and Facilities Construction Services  
**Contract Number:** PWG324.0-21  
**Job Order Number** MTSJOC324-03  
**Job Order Title** KMD ZEB Training Room  
**Location:** KMD Maintenance Building  
**Cost Proposal Date:** June 28, 2021  
**Proposal Value:** \$132,136.13

Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total				
<b>01 General Requirements</b>							<b>\$10,137.74</b>				
1	012220000006		HR	Carpenter							
				<i>Accepted</i>	<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
			Installation	HR	72.00	x	\$87.52	x	0.9645	=	\$6,077.74
<b>Equipment Excluded</b>				<b>Materials Excluded</b>				<b>\$6,077.74</b>			
<b>User Note:</b>											
<b>Item Note:</b> For tasks not included in the Construction Task Catalog® and as directed by owner only.											
<b>Owner Comments:</b>											
<b>Contractor Comments:</b>											
2	012220000006	0001	HR	For Foreman, Add							
				<i>Accepted</i>	<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
			Installation	HR	35.00	x	\$4.38	x	0.9645	=	\$147.86
<b>Equipment Excluded</b>				<b>Materials Excluded</b>				<b>\$147.86</b>			
<b>User Note:</b>											
<b>Item Note:</b> For tasks not included in the Construction Task Catalog® and as directed by owner only.											
<b>Owner Comments:</b>											
<b>Contractor Comments:</b>											
3	012223000896		DAY	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator							
				<i>Accepted</i>	<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
			Installation	DAY	1.00	x	\$1,151.17	x	0.9645	=	\$1,110.30
<b>Equipment Excluded</b>				<b>Materials Excluded</b>				<b>\$1,110.30</b>			
<b>User Note:</b>											
<b>Item Note:</b>											
<b>Owner Comments:</b>											
<b>Contractor Comments:</b>											



**Price Proposal Detail**

**By Division Report**

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**Job: MTSJOC324-03: KMD ZEB Training Room**

4	015616000071	LF	38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	LF		1,500.00	x	\$0.85	x	0.9645	=	\$1,229.74
	<b>Equipment Excluded</b>									<b>\$1,229.74</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									
5	017419000016	EA	40 CY Dumpster (5 Ton) "Construction Debris"							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	EA		2.00	x	\$814.98	x	0.9645	=	\$1,572.10
	<b>Labor Excluded</b>									
	<b>Equipment Excluded</b>									<b>\$1,572.10</b>
	<b>User Note:</b>									
	<b>Item Note:</b>	Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.								
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									



**Price Proposal Detail**

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**Job: MTSJOC324-03: KMD ZEB Training Room**

Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total				
<b>02 Existing Conditions</b>							<b>\$337.36</b>				
6	029050000505		ROL	6 Mil Visqueen, 32' x 400', For Emergency Clean-up							
	<i>Accepted</i>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	ROL		2.00	x	\$174.89	x	0.9645	=	\$337.36
<b>Labor Excluded</b>		<b>Equipment Excluded</b>									
<b>User Note:</b>											
<hr/>											
<b>Item Note:</b>											
<hr/>											
<b>Owner Comments:</b>											
<hr/>											
<b>Contractor Comments:</b>											
<hr/>											



**Price Proposal Detail**

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**Job: MTSJOC324-03: KMD ZEB Training Room**

Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total				
<b>03 Concrete</b>							<b>\$2,808.62</b>				
7	035416000003		SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		1,300.00	x	\$2.24	x	0.9645	=	\$2,808.62
<b>User Note:</b>											
<b>Item Note:</b> Including Surface Preparation											
<b>Owner Comments:</b>											
<b>Contractor Comments:</b>											



**Price Proposal Detail**

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**Job: MTSJOC324-03: KMD ZEB Training Room**

Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total				
<b>06 Wood, Plastics, and Composites</b>							<b>\$2,848.16</b>				
8	061116000061		SF	2" x 4" Wood Wall Framing At 16" On Center							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		500.00	x	\$1.47	x	0.9645	=	\$708.91
											<b>\$708.91</b>
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									
9	061116000061	<b>0004</b>	SF	For >200 To 500, Add							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		500.00	x	\$0.25	x	0.9645	=	\$120.56
											<b>\$120.56</b>
		<b>Equipment Excluded</b>									
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									
10	061116000077		LF	2" x 4" Pressure Treated Wood Plate							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	LF		100.00	x	\$2.49	x	0.9645	=	\$240.16
											<b>\$240.16</b>
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									



**Price Proposal Detail**

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**Job: MTSJOC324-03: KMD ZEB Training Room**

11	061633000023		SF	3/4" AC Fir Plywood Floor Decking							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		400.00	x	\$2.13	x	0.9645	=	\$821.75
		Demo	SF		400.00	x	\$0.54	x	0.9645	=	\$208.33
											<b>\$1,030.08</b>

**User Note:**

**Item Note:** Applied to floor or joists.

**Owner Comments:**

**Contractor Comments:**

12	061633000023	<b>0011</b>	SF	For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		400.00	x	\$1.94	x	0.9645	=	\$748.45
		<b>Materials Excluded</b>									<b>\$748.45</b>

**User Note:**

**Item Note:** Applied to floor or joists.

**Owner Comments:**

**Contractor Comments:**





Att. A - AI 12 07/29/2021

**Price Proposal Detail**

**By Division Report**

**Version: 2.0**

**Approved 06/28/2021 02:06:59 PM PST**

**Job: MTSJOC324-03: KMD ZEB Training Room**

Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total			
<b>07 Thermal And Moisture Protection</b>							<b>\$925.92</b>			
13	072116000005		SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation						
<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF	800.00	x	\$1.20	x	0.9645	=	\$925.92
<b>Equipment Excluded</b>							<b>\$925.92</b>			
<b>User Note:</b>										
<b>Item Note:</b>										
<b>Owner Comments:</b>										
<b>Contractor Comments:</b>										



Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total				
<b>08 Openings</b>							<b>\$6,797.07</b>				
14	081213130015		EA	6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame							
	<i>Accepted</i>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		1.00	x	\$465.55	x	0.9645	=	\$449.02
											<b>\$449.02</b>
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									
15	081213130015	<b>0003</b>	EA	For Welded Frames, Add							
	<i>Accepted</i>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		1.00	x	\$92.93	x	0.9645	=	\$89.63
											<b>\$89.63</b>
		<b>Labor Excluded</b>									
				<b>Equipment Excluded</b>							<b>\$89.63</b>
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									
16	081213130015		EA	6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame							
	<i>Accepted</i>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		1.00	x	\$230.22	x	0.9645	=	\$222.05
		Demo	EA		1.00	x	\$115.11	x	0.9645	=	\$111.02
											<b>\$333.07</b>
				<b>Materials Excluded</b>							<b>\$333.07</b>
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									



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**Job: MTSJOC324-03: KMD ZEB Training Room**

17	081313130008		EA	3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door							
		<b>Accepted</b>									
		Installation	EA		2.00	x	\$578.07	x	0.9645	=	\$1,115.10
											\$1,115.10
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									
18	081313130008	<b>0024</b>	EA	For Galvanized Steel Door, Add							
		<b>Accepted</b>									
		Installation	EA		2.00	x	\$94.36	x	0.9645	=	\$182.02
											\$182.02
		<b>Labor Excluded</b>									\$182.02
				<b>Equipment Excluded</b>							\$182.02
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									
19	081313130008	<b>0030</b>	EA	For 45 Minute Fire Rated Door, Add							
		<b>Accepted</b>									
		Installation	EA		2.00	x	\$41.40	x	0.9645	=	\$79.86
											\$79.86
		<b>Labor Excluded</b>									\$79.86
				<b>Equipment Excluded</b>							\$79.86
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									
20	081313130008		EA	3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door							
		<b>Accepted</b>									
		Installation	EA		2.00	x	\$106.26	x	0.9645	=	\$204.98
		Demo	EA		2.00	x	\$53.13	x	0.9645	=	\$102.49
											\$307.47
				<b>Materials Excluded</b>							\$307.47
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									



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**Job: MTSJOC324-03: KMD ZEB Training Room**

21	086223000006	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight																					
	<b>Accepted</b>																							
	Installation	EA																						
			<table border="0"> <tr> <td><b>Quantity</b></td> <td>x</td> <td><b>Unit Price</b></td> <td>x</td> <td><b>Factor</b></td> <td>=</td> <td><b>LineTotal</b></td> </tr> <tr> <td>2.00</td> <td>x</td> <td>\$943.41</td> <td>x</td> <td>0.9645</td> <td>=</td> <td>\$1,819.84</td> </tr> <tr> <td colspan="6"></td> <td style="border-top: 1px solid black;">\$1,819.84</td> </tr> </table>	<b>Quantity</b>	x	<b>Unit Price</b>	x	<b>Factor</b>	=	<b>LineTotal</b>	2.00	x	\$943.41	x	0.9645	=	\$1,819.84							\$1,819.84
<b>Quantity</b>	x	<b>Unit Price</b>	x	<b>Factor</b>	=	<b>LineTotal</b>																		
2.00	x	\$943.41	x	0.9645	=	\$1,819.84																		
						\$1,819.84																		

**User Note:**

**Item Note:**

**Owner Comments:**

**Contractor Comments:**

22	087111000005	PR	4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge																					
	<b>Accepted</b>																							
	Installation	PR																						
			<table border="0"> <tr> <td><b>Quantity</b></td> <td>x</td> <td><b>Unit Price</b></td> <td>x</td> <td><b>Factor</b></td> <td>=</td> <td><b>LineTotal</b></td> </tr> <tr> <td>3.00</td> <td>x</td> <td>\$72.99</td> <td>x</td> <td>0.9645</td> <td>=</td> <td>\$211.20</td> </tr> <tr> <td colspan="6"></td> <td style="border-top: 1px solid black;">\$211.20</td> </tr> </table>	<b>Quantity</b>	x	<b>Unit Price</b>	x	<b>Factor</b>	=	<b>LineTotal</b>	3.00	x	\$72.99	x	0.9645	=	\$211.20							\$211.20
<b>Quantity</b>	x	<b>Unit Price</b>	x	<b>Factor</b>	=	<b>LineTotal</b>																		
3.00	x	\$72.99	x	0.9645	=	\$211.20																		
						\$211.20																		

**User Note:**

**Item Note:**

**Owner Comments:**

**Contractor Comments:**

23	087111002238	EA	Surface Mounted Heavy Duty Door Closer (LCN 4040XP/4041 Series)																					
	<b>Accepted</b>																							
	Installation	EA																						
			<table border="0"> <tr> <td><b>Quantity</b></td> <td>x</td> <td><b>Unit Price</b></td> <td>x</td> <td><b>Factor</b></td> <td>=</td> <td><b>LineTotal</b></td> </tr> <tr> <td>2.00</td> <td>x</td> <td>\$439.67</td> <td>x</td> <td>0.9645</td> <td>=</td> <td>\$848.12</td> </tr> <tr> <td colspan="6"></td> <td style="border-top: 1px solid black;">\$848.12</td> </tr> </table>	<b>Quantity</b>	x	<b>Unit Price</b>	x	<b>Factor</b>	=	<b>LineTotal</b>	2.00	x	\$439.67	x	0.9645	=	\$848.12							\$848.12
<b>Quantity</b>	x	<b>Unit Price</b>	x	<b>Factor</b>	=	<b>LineTotal</b>																		
2.00	x	\$439.67	x	0.9645	=	\$848.12																		
						\$848.12																		

**User Note:**

**Item Note:**

**Owner Comments:**

**Contractor Comments:**

24	087111002262	EA	Storeroom/Closet F07 Mortise Lockset																					
	<b>Accepted</b>																							
	Installation	EA																						
			<table border="0"> <tr> <td><b>Quantity</b></td> <td>x</td> <td><b>Unit Price</b></td> <td>x</td> <td><b>Factor</b></td> <td>=</td> <td><b>LineTotal</b></td> </tr> <tr> <td>2.00</td> <td>x</td> <td>\$705.93</td> <td>x</td> <td>0.9645</td> <td>=</td> <td>\$1,361.74</td> </tr> <tr> <td colspan="6"></td> <td style="border-top: 1px solid black;">\$1,361.74</td> </tr> </table>	<b>Quantity</b>	x	<b>Unit Price</b>	x	<b>Factor</b>	=	<b>LineTotal</b>	2.00	x	\$705.93	x	0.9645	=	\$1,361.74							\$1,361.74
<b>Quantity</b>	x	<b>Unit Price</b>	x	<b>Factor</b>	=	<b>LineTotal</b>																		
2.00	x	\$705.93	x	0.9645	=	\$1,361.74																		
						\$1,361.74																		

**User Note:**

**Item Note:** Locked with key outside. Inside always unlocked. Fixed outside handle.

**Owner Comments:**

**Contractor Comments:**



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**Job: MTSJOC324-03: KMD ZEB Training Room**

Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total
<b>09 Finishes</b>							<b>\$34,859.81</b>
25	090190520013		SF	Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping), Surface Preparation			
	<i>Accepted</i>				<b>Quantity x Unit Price x Factor =</b>		<b>LineTotal</b>
		Installation	SF		3,200.00 x \$0.27 x 0.9645 =		\$833.33
	<b>Equipment Excluded</b>			<b>Materials Excluded</b>			\$833.33
	<b>User Note:</b>						
	<b>Item Note:</b>						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						
26	090190520015		SF	Scrape, Repair And Sand Severely Damaged Drywall Surfaces, Surface Preparation			
	<i>Accepted</i>				<b>Quantity x Unit Price x Factor =</b>		<b>LineTotal</b>
		Installation	SF		3,200.00 x \$0.87 x 0.9645 =		\$2,685.17
							\$2,685.17
	<b>User Note:</b>						
	<b>Item Note:</b>						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						
27	090190520038		SF	Hand Scrape Wood Surfaces, Surface Preparation			
	<i>Accepted</i>				<b>Quantity x Unit Price x Factor =</b>		<b>LineTotal</b>
		Installation	SF		1,200.00 x \$0.71 x 0.9645 =		\$821.75
	<b>Equipment Excluded</b>			<b>Materials Excluded</b>			\$821.75
	<b>User Note:</b>						
	<b>Item Note:</b>						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						



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**Job: MTSJOC324-03: KMD ZEB Training Room**

28	092910000006		SF	5/8" Gypsum Board							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		1,000.00	x	\$1.44	x	0.9645	=	\$1,388.88
											\$1,388.88
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
29	092910000006	<b>0053</b>	SF	For Walls >10' High, Add							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		1,000.00	x	\$0.08	x	0.9645	=	\$77.16
											\$77.16
	<b>Equipment Excluded</b>										\$77.16
	<b>Materials Excluded</b>										
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
30	092910000034		SF	1/2" Noise Reducing Gypsum Board (National Gypsum SoundBreak)							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		1,000.00	x	\$3.43	x	0.9645	=	\$3,308.24
											\$3,308.24
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
31	092910000034	<b>0024</b>	SF	For Walls >10' High, Add							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		1,000.00	x	\$0.11	x	0.9645	=	\$106.10
											\$106.10
	<b>Equipment Excluded</b>										\$106.10
	<b>Materials Excluded</b>										
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
32	092910000039		SF	>10' High, Walls, Tape, Spackle And Finish Gypsum Board							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		1,000.00	x	\$0.37	x	0.9645	=	\$356.87
											\$356.87
	<b>Equipment Excluded</b>										\$356.87
	<b>User Note:</b>										
	<b>Item Note:</b>	Use this task for the entire wall area when the wall is >10' high.									
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										



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33	092910000045	LF	>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	LF		150.00	x	\$0.70	x	0.9645	=	\$101.27
										<b>\$101.27</b>

**User Note:**

**Item Note:** Use this task for the entire wall area when the wall is >10' high.

**Owner Comments:**

**Contractor Comments:**

34	092910000048	LF	>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	LF		150.00	x	\$0.80	x	0.9645	=	\$115.74
										<b>\$115.74</b>

**User Note:**

**Item Note:** Use this task for the entire wall area when the wall is >10' high.

**Owner Comments:**

**Contractor Comments:**

35	092910000052	EA	Additional Cost For Finishing Penetrations In Gypsum Board (For Ductwork, Pipe, Conduits, Supports) Per Sheet To Be Finished, With Three Or More Areas Of Penetrations							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	EA		7.00	x	\$99.51	x	0.9645	=	\$671.84
										<b>\$671.84</b>
			<b>Materials Excluded</b>							<b>\$671.84</b>

**User Note:**

**Item Note:**

**Owner Comments:**

**Contractor Comments:**

36	092910000055	LF	Corner Bead, Galvanized Steel For Gypsum Board							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	LF		148.00	x	\$3.07	x	0.9645	=	\$438.23
										<b>\$438.23</b>

**User Note:**

**Item Note:**

**Owner Comments:**

**Contractor Comments:**



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**Job: MTSJOC324-03: KMD ZEB Training Room**

37	096513130008	LF	6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors							
	<b>Accepted</b>		<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>	
		Installation	LF	300.00	x	\$3.20	x	0.9645	=	\$925.92
		Demo	LF	300.00	x	\$0.85	x	0.9645	=	\$245.95
										<b>\$1,171.87</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									
38	096519190013	SF	1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™)							
	<b>Accepted</b>		<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>	
		Installation	SF	1,300.00	x	\$11.10	x	0.9645	=	\$13,917.74
		Demo	SF	1,300.00	x	\$1.03	x	0.9645	=	\$1,291.47
										<b>\$15,209.21</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									
39	099123000062	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Plaster/Drywall Walls							
	<b>Accepted</b>		<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>	
		Installation	SF	2,800.00	x	\$0.55	x	0.9645	=	\$1,485.33
										<b>\$1,485.33</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									
40	099123000064	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls							
	<b>Accepted</b>		<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>	
		Installation	SF	2,800.00	x	\$1.09	x	0.9645	=	\$2,943.65
										<b>\$2,943.65</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									





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**Job: MTSJOC324-03: KMD ZEB Training Room**

41	099123000151		SF	1 Coat Primer, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		945.00	x	\$0.65	x	0.9645	=	\$592.44
											\$592.44
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
42	099123000153		SF	2 Coats Paints, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		945.00	x	\$1.17	x	0.9645	=	\$1,066.40
											\$1,066.40
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
43	099123000200		SF	Paint Interior Wood Beams, 1 Coat Primer, Brush/Roller Work							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		100.00	x	\$0.80	x	0.9645	=	\$77.16
											\$77.16
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
44	099123000200	<b>0278</b>	SF	For Up To 100, Add							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		100.00	x	\$0.51	x	0.9645	=	\$49.19
											\$49.19
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										



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**Job: MTSJOC324-03: KMD ZEB Training Room**

45	099123000202		SF	Paint Interior Wood Beams, 2 Coats Paint, Brush/Roller Work							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		200.00	x	\$1.48	x	0.9645	=	\$285.49
											\$285.49
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
46	099123000202	<b>0278</b>	SF	For Up To 100, Add							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	SF		100.00	x	\$0.94	x	0.9645	=	\$90.66
											\$90.66
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
47	099123000239		LF	Paint Interior Metal Door Frame And Trim, 1 Coat Primer, Brush/Roller Work							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	LF		60.00	x	\$0.88	x	0.9645	=	\$50.93
											\$50.93
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
48	099123000241		LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	LF		60.00	x	\$1.93	x	0.9645	=	\$111.69
											\$111.69
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										



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**Job: MTSJOC324-03: KMD ZEB Training Room**

49	099123000246		EA	Paint Interior Metal Door, Both Faces, 1 Coat Primer, Brush/Roller Work							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		4.00	x	\$72.63	x	0.9645	=	\$280.21
											\$280.21
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
50	099123000246	<b>0287</b>	EA	For Half Louvered Door, Add							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		2.00	x	\$7.11	x	0.9645	=	\$13.72
											\$13.72
				<b>Materials Excluded</b>							\$13.72
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
51	099123000248		EA	Paint Interior Metal Door, Both Faces, 2 Coats Paint, Brush/Roller Work							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		4.00	x	\$130.65	x	0.9645	=	\$504.05
											\$504.05
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
52	099123000248	<b>0287</b>	EA	For Half Louvered Door, Add							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		2.00	x	\$12.04	x	0.9645	=	\$23.23
											\$23.23
				<b>Materials Excluded</b>							\$23.23
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										



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**Job: MTSJOC324-03: KMD ZEB Training Room**

Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total				
<b>11 Equipment</b>							<b>\$34.54</b>				
53	115233000053		EA	HDMI M-M Pro/6 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-06)							
	<i>Accepted</i>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		1.00	x	\$35.81	x	0.9645	=	\$34.54
											<b>\$34.54</b>
<b>User Note:</b>											
<b>Item Note:</b>											
<b>Owner Comments:</b>											
<b>Contractor Comments:</b>											



Att. A - AL 12 07/29/2021

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**Job: MTSJOC324-03: KMD ZEB Training Room**

Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total				
<b>13 Special Construction</b>							<b>\$957.48</b>				
54	133419000178		EA	4' x 3' Fixed Louver							
	<i>Accepted</i>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		2.00	x	\$496.36	x	0.9645	=	\$957.48
											\$957.48

User Note:

Item Note:

Owner Comments:

Contractor Comments:



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**Job: MTSJOC324-03: KMD ZEB Training Room**

Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total				
<b>22 Plumbing</b>							<b>\$3,493.70</b>				
55	221116000427		LF	1/2" Soft Drawn Type K Copper Tube							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	LF		400.00	x	\$5.49	x	0.9645	=	\$2,118.04
											<b>\$2,118.04</b>
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									
56	221116000457		EA	1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		10.00	x	\$38.95	x	0.9645	=	\$375.67
											<b>\$375.67</b>
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									
57	221116000497		EA	1/2" Cast Bronze Drop Ear Tee							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		10.00	x	\$59.43	x	0.9645	=	\$573.20
											<b>\$573.20</b>
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									
58	221513000003		EA	1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		10.00	x	\$44.25	x	0.9645	=	\$426.79
											<b>\$426.79</b>
		<b>User Note:</b>									
		<b>Item Note:</b>									
		<b>Owner Comments:</b>									
		<b>Contractor Comments:</b>									



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Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total
<b>23 Heating, Ventilating, And Air-Conditioning (HVAC)</b>							<b>\$20,481.66</b>
59	230529001137		EA	Up To 12 SF Inertia Base, 8" Thick With Spring Base			
	<b>Accepted</b>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	EA		2.00	x \$1,098.33	x 0.9645 = \$2,118.68
							<b>\$2,118.68</b>
	<b>User Note:</b>						
	<b>Item Note:</b>						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						
60	230713000015		SF	2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation			
	<b>Accepted</b>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	SF		300.00	x \$5.63	x 0.9645 = \$1,629.04
							<b>\$1,629.04</b>
	<b>User Note:</b>						
	<b>Item Note:</b>						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						
61	230713000015	<b>0104</b>	SF	For Work In Restricted Working Space, Add			
	<b>Accepted</b>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	SF		300.00	x \$1.36	x 0.9645 = \$393.52
							<b>\$393.52</b>
				<b>Materials Excluded</b>			<b>\$393.52</b>
	<b>User Note:</b>						
	<b>Item Note:</b>						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						
62	232129000002		EA	1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS)			
	<b>Accepted</b>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	EA		2.00	x \$176.73	x 0.9645 = \$340.91
							<b>\$340.91</b>
	<b>User Note:</b>						
	<b>Item Note:</b>						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						



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63	233113130017	LF	4" x 6", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork						
<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	LF	0.00	x	\$6.58	x	0.9645	=	\$0.00
	Demo	LF	100.00	x	\$2.71	x	0.9645	=	\$261.38
									<b>\$261.38</b>

User Note:

Item Note:

Owner Comments:

Contractor Comments:

64	238126130032	LF	4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers						
<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	LF	100.00	x	\$10.87	x	0.9645	=	\$1,048.41
									<b>\$1,048.41</b>

User Note:

Item Note:

Owner Comments:

Contractor Comments:

65	238149000046	EA	39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps						
<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	EA	2.00	x	\$7,615.20	x	0.9645	=	\$14,689.72
									<b>\$14,689.72</b>

User Note:

Item Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.

Owner Comments:

Contractor Comments:





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Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total
<b>26 Electrical</b>							<b>\$25,525.95</b>
66	260513160006		MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct			
	<b>Accepted</b>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	MLF		1.50	x \$3,345.13	x 0.9645 = \$4,839.57
							<b>\$4,839.57</b>
		<b>User Note:</b>					
		<b>Item Note:</b>					
		<b>Owner Comments:</b>					
		<b>Contractor Comments:</b>					
67	260519130011		EA	Floor Mounted Box With Cover			
	<b>Accepted</b>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	EA		9.00	x \$171.17	x 0.9645 = \$1,485.84
							<b>\$1,485.84</b>
		<b>User Note:</b>					
		<b>Item Note:</b>					
		<b>Owner Comments:</b>					
		<b>Contractor Comments:</b>					
68	260533130596		LF	3/4" Electrical Metallic Tubing (EMT) Conduit			
	<b>Accepted</b>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	LF		600.00	x \$4.33	x 0.9645 = \$2,505.77
							<b>\$2,505.77</b>
		<b>User Note:</b>					
		<b>Item Note:</b>					
		<b>Owner Comments:</b>					
		<b>Contractor Comments:</b>					
69	260533130619		EA	3/4" Electrical Metallic Tubing (EMT) Compression Coupling			
	<b>Accepted</b>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	EA		50.00	x \$5.47	x 0.9645 = \$263.79
							<b>\$263.79</b>
		<b>User Note:</b>					
		<b>Item Note:</b>					
		<b>Owner Comments:</b>					
		<b>Contractor Comments:</b>					



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70	260533130652	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	EA		50.00	x	\$5.35	x	0.9645	=	\$258.00
										<b>\$258.00</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									
71	260533132242	EA	3/4", Cut And Thread Existing In-Place Threaded Conduit							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	EA		20.00	x	\$26.10	x	0.9645	=	\$503.47
										<b>\$503.47</b>
	<b>Materials Excluded</b>									
										<b>\$503.47</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									
72	260533132406	LF	1" Flexible Liquid Tight Non-Metallic Conduit							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	LF		400.00	x	\$5.19	x	0.9645	=	\$2,002.30
										<b>\$2,002.30</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									
73	260533160024	EA	One Duplex Receptacle, 4" Square Steel Exposed Work Cover							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	EA		16.00	x	\$9.68	x	0.9645	=	\$149.38
										<b>\$149.38</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									
74	260533230145	EA	Duplex Receptacle (Wiremold #1543GL)							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	EA		16.00	x	\$41.02	x	0.9645	=	\$633.02
										<b>\$633.02</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									



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75	260533230147		EA	Duplex Receptacle Box (Wiremold #1546B)							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		6.00	x	\$26.73	x	0.9645	=	\$154.69
											\$154.69
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
76	260533230428		EA	Duplex Receptacle Cover Plate (Wiremold #ALA-DR)							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		6.00	x	\$13.83	x	0.9645	=	\$80.03
											\$80.03
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
77	260533230540		LF	5" x 1" Two Piece Surface Non-Metallic Raceway Base (Wiremold #5000B)							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	LF		300.00	x	\$10.07	x	0.9645	=	\$2,913.75
											\$2,913.75
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
78	260533230540	<b>0360</b>	LF	For Concrete Or Masonry Surface, Add							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	LF		300.00	x	\$0.32	x	0.9645	=	\$92.59
											\$92.59
	<b>Equipment Excluded</b>			<b>Materials Excluded</b>							\$92.59
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
79	260533230541		LF	Black, Gray Or White, Cover (Wiremold #5000C)							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	LF		300.00	x	\$9.52	x	0.9645	=	\$2,754.61
											\$2,754.61
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										



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80	260923000164		EA	Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK)							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		9.00	x	\$146.50	x	0.9645	=	\$1,271.69
		Demo	EA		9.00	x	\$19.77	x	0.9645	=	\$171.61
											<b>\$1,443.30</b>
	<b>User Note:</b>										
	<b>Item Note:</b> Excludes GB II cable.										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
81	260923000206		EA	High Bay, Passive Infrared, Surface Mounted, Wired Occupancy Sensor (Encelium WSPSM24V)							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		2.00	x	\$167.84	x	0.9645	=	\$323.76
		Demo	EA		2.00	x	\$39.55	x	0.9645	=	\$76.29
											<b>\$400.05</b>
	<b>User Note:</b>										
	<b>Item Note:</b> Excludes GB II cable.										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
82	262416000010		EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		1.00	x	\$1,858.17	x	0.9645	=	\$1,792.20
											<b>\$1,792.20</b>
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										
83	262416000010	<b>0189</b>	EA	For NEMA 3R Panelboard, Add							
	<b>Accepted</b>				<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
		Installation	EA		1.00	x	\$883.91	x	0.9645	=	\$852.53
											<b>\$852.53</b>
	<b>Labor Excluded</b>										<b>\$852.53</b>
		<b>Equipment Excluded</b>									
	<b>User Note:</b>										
	<b>Item Note:</b>										
	<b>Owner Comments:</b>										
	<b>Contractor Comments:</b>										



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84	262726000018	EA	20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Duplex Receptacle							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	EA		16.00	x	\$18.88	x	0.9645	=	\$291.36
										<b>\$291.36</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									
85	262726000125	EA	TV Receptacle With Cover (Type F), Complete							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	EA		1.00	x	\$52.37	x	0.9645	=	\$50.51
										<b>\$50.51</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									
86	265116000010	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	EA		0.00	x	\$150.88	x	0.9645	=	\$0.00
	Demo	EA		9.00	x	\$26.39	x	0.9645	=	\$229.08
										<b>\$229.08</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									
87	265119000090	EA	4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4)							
	<b>Accepted</b>			<b>Quantity</b>	<b>x</b>	<b>Unit Price</b>	<b>x</b>	<b>Factor</b>	<b>=</b>	<b>LineTotal</b>
	Installation	EA		9.00	x	\$210.83	x	0.9645	=	\$1,830.11
										<b>\$1,830.11</b>
	<b>User Note:</b>									
	<b>Item Note:</b>									
	<b>Owner Comments:</b>									
	<b>Contractor Comments:</b>									



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Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total
<b>27 Communications</b>							<b>\$15,776.81</b>
88	271513000012		MLF	24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit			
	<i>Accepted</i>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	MLF		1.50	x \$8,292.00	x 0.9645 = \$11,996.45
							<b>\$11,996.45</b>
	<b>User Note:</b>						
	<b>Item Note:</b>						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						
89	271513000045		LF	18/6 Reader Cable			
	<i>Accepted</i>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	LF		900.00	x \$3.34	x 0.9645 = \$2,899.29
							<b>\$2,899.29</b>
	<b>User Note:</b>						
	<b>Item Note:</b>						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						
90	271543000056		EA	Cat 6 Shielded, Snap-In Modular Jack			
	<i>Accepted</i>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	EA		29.00	x \$31.50	x 0.9645 = \$881.07
							<b>\$881.07</b>
	<b>User Note:</b>						
	<b>Item Note:</b>						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						



**Job: MTSJOC324-03: KMD ZEB Training Room**

Record #	CSI Number	MOD	UOM	Description	Unit Price	Factor	Total
<b>28 Electronic Safety And Security</b>							<b>\$7,151.31</b>
91	281511130003		EA	Detector, Passive Infrared (Security) Vindicator #316-30812-00			
	<b>Accepted</b>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	EA		3.00	x \$1,274.13	x 0.9645 = \$3,686.70
							<b>\$3,686.70</b>
	<b>User Note:</b>						
	<b>Item Note:</b>						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						
92	281611000087		EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800)			
	<b>Accepted</b>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	EA		2.00	x \$546.28	x 0.9645 = \$1,053.77
							<b>\$1,053.77</b>
	<b>User Note:</b>						
	<b>Item Note:</b> For mullion mounting.						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						
93	281611000201		EA	Dual Doors, Surface Mount, 1,200 LB Magnetic Door Lock			
	<b>Accepted</b>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	EA		2.00	x \$997.82	x 0.9645 = \$1,924.79
							<b>\$1,924.79</b>
	<b>User Note:</b>						
	<b>Item Note:</b>						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						
94	281611000201	<b>0002</b>	EA	For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add			
	<b>Accepted</b>				<b>Quantity</b>	<b>x Unit Price</b>	<b>x Factor = LineTotal</b>
		Installation	EA		2.00	x \$251.97	x 0.9645 = \$486.05
							<b>\$486.05</b>
	<b>Labor Excluded</b>			<b>Equipment Excluded</b>			<b>\$486.05</b>
	<b>User Note:</b>						
	<b>Item Note:</b>						
	<b>Owner Comments:</b>						
	<b>Contractor Comments:</b>						
					<b>Total:</b>		<b>\$132,136.13</b>
					<b>Proposal Total:</b>		<b>\$132,136.13</b>
					<b>The Percentage of Non Pre-Priced on this Proposal:</b>		<b>0.00%</b>

**EXHIBIT C**  
**(Subcontractor Listing)**



**San Diego Metropolitan Transit System**

1255 Imperial Ave  
San Diego, CA 92101

**Subcontractor Report**

Date: 6/29/2021

**Job Order Contracting**

**Contract #:** PWG324.0-21  
**Job Order #:** MTSJOC324-03  
**Job Order Title:** KMD ZEB Training Room  
**Location:** KMD Maintenance Building  
**Contractor:** ABC Construction Co., Inc.  
**Subcontractors:** Allsource Coatings  
 Comfort Mechanical  
 ELECTRO SPECIALTY SYSTEMS (ESS)  
 the doctor of electricity

Subcontractor Name	License Number	Describe Nature of Work (Trade)	Certifications	Subcontractor Total	%
Allsource Coatings 10625 Scripps Ranch Blvd, Suite D San Diego, CA 92131	923637	Painting/Flooring		\$38,300.00	28.99%
Comfort Mechanical 10740 Kenney St, #404 Santee, CA 92071	695913	HVAC		\$19,503.00	14.76%
ELECTRO SPECIALTY SYSTEMS (ESS) 7940 Convoy Ct, San Diego, CA 92111	524465	Access Controls		\$12,460.00	9.43%
the doctor of electricity 41815 Hawthorne Street, Murrieta, CA 92562	517763	Electrician		\$20,415.00	15.45%



1255 Imperial Avenue, Suite 1000  
 San Diego, CA 92101-7490  
 (619) 231-1466 • FAX (619) 234-3407

## Agenda Item No. 13

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

**SUBJECT:**

FIRE ALARM MONITORING AND MAINTENANCE SERVICES - CONTRACT AWARD

**RECOMMENDATION:**

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. PWG329.0-21 (in substantially the same format as Attachment A), with Johnson Controls Fire Protection, LP (JCI), for the provision of fire alarm monitoring and maintenance services for a base period of three (3) years, with one (1) optional two-year extension, and one (1) optional five-year extension for a total contract value of \$1,181,926.04.

**Budget Impact**

The total budget for this project will not exceed \$1,181,926.04. This project is funded through the respective fiscal years' maintenance operating budget accounts as follows:

Program	Budget Account	Amount
San Diego Trolley (SDTI) Facilities Department	380016-536300	\$ 593,364.62
San Diego Transit Corporation (SDTC)	331014-536600	\$ 188,300.00
Bus Rapid Transit (BRT)	845012-571140	\$ 120,842.59
	846012-571140	\$ 120,842.59
Land Management (LM)	791010-571250	\$ 158,576.24
<b>Total Amount</b>		<b>\$ 1,181,926.04</b>

**DISCUSSION:**

As part of its normal operations, MTS requires a contractor to provide fire alarm monitoring and maintenance services at various MTS stations and properties. These services include fire alarm system monitoring, testing, inspection, maintenance and as-



needed repairs of fire system equipment. These services are necessary to ensure that the fire alarm detection systems, fire sprinkler, and related systems function properly, and in accordance with National Fire Protection Association (NFPA) standards, American National Standards Institute (ANSI), Underwriters Laboratories (UL) standards, applicable building codes, and regulations of the Local/State Fire Marshall's Offices.

On April 28, 2021, MTS issued a Request for Proposal (RFP) for Fire Alarm Monitoring and Maintenance. On June 2, 2021, MTS received a total of three (3) proposals from HCI Systems, Inc. (HCI), JCI and Siemens Industry, Inc. (Siemens).

A selection committee consisting of representatives from various MTS departments met and rated the proposals. The ratings were based on the following criteria:

1. Qualifications of Firm or Individual	20%
2. Staffing, Organization and Management Plan	30%
3. Work Plan	20%
4. Cost/Price	30%
	Total 100%

After the initial evaluations, the selection committee determined that only JCI and Siemens were within the competitive range. The committee requested clarifications, and Best and Final Offers (BAFO), and re-evaluated their respective proposals.

After the second evaluation, and considering the technical and price factors and price analysis, the selection committee deemed that JCI provided the best value to MTS the selection committee determined that only JCI remained in the competitive range and requested a Best and Final Offer (BAFO) from the firm.

JCI reduced their proposed pricing by \$3,649.36 from the original offer of \$1,185,575.40 to a revised offer of \$1,181,926.04.

Proposer Name	Technical (max 70%)	Cost (max 30%)	Total (max 100%)	Proposed Cost	Ranking
JCI	54.40	27.50	81.90	\$1,181,926.04	1
SIEMENS	49.80	30.00	79.80	\$1,083,536.40	2
HCI*	36.80	30.00	64.07	\$ 94,405.00	3

*\*HCI's initial proposal only included pricing for year one. Nevertheless, staff accepted the proposal, and during the initial evaluations, reviewed all proposals based on year one pricing only. HCI's year one pricing was lowest. However, their technical score did not warrant the firm for further consideration, nor to be in the competitive range.*

Therefore, staff recommends that the MTS Board authorize the CEO execute MTS Doc. No. PWG329.0-21 (in substantially the same format as Attachment A), with JCI, for the provision of fire alarm monitoring and maintenance services for a base period of three (3) years, with one (1) optional two-year extension, and one (1) optional five-year extension for a total contract value of \$1,181,926.04.

/s/ Sharon Cooney  
 Sharon Cooney  
 Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachments: A. Draft Standard Services Agreement MTS Doc. No. PWG329.0-21  
 B. JCI Cost Proposal Form MTS Doc. No. PWG329.0-21

**STANDARD AGREEMENT  
FOR  
MTS DOC. NO. PWG329.0-21**

THIS AGREEMENT is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2021 in the State of California by and between San Diego Metropolitan Transit System ("MTS"), a California public agency, and the following, hereinafter referred to as "Contractor":

Name: Johnson Controls Fire Protection, LP Address: 3568 Ruffin Road So.  
San Diego, CA 92123  
Form of Business: Limited Partnership City State Zip  
(Corporation, Partnership, Sole Proprietor, etc.) Email: Ryan.tolentino@JCI  
Telephone: 858.633.9100

Authorized person to sign contracts Ryan Tolentino Fire Area Service Manager - California  
Name Title

The Contractor agrees to provide services as specified in the Scope of Work/Technical Specification (Exhibit A), Contractor's Cost/Pricing Form (Exhibit B), and in accordance with the Standard Agreement, including Standard Conditions (Exhibit C), Federal Requirements (Exhibit D), and Forms (Exhibit E).

The contract term is for up to 3 base years and 7 option years, exercisable at MTS's sole discretion, for a total of 10 years. Base period shall be effective August 1, 2021 through July 31, 2024, option years 1 and 2 shall be effective August 1, 2024 through July 31, 2026, option years 3 - 7 shall be effective August 1, 2026 through July 31, 2031 if exercised by MTS.

Payment terms shall be net 30 days from invoice date. The total cost of this contract shall not exceed \$333,180.60 for the base years, \$215,803.61 for the option years 1 and 2, and \$632,941.83 for the option years 3-7, for a contract total not to exceed \$1,181,926.04 without the express written consent of MTS.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	JOHNSON CONTROLS FIRE PROTECTION, LP
By: _____ Sharon Cooney, Chief Executive Officer  Approved as to form:  By: _____ Karen Landers, General Counsel	By _____  Title: _____

**COST PRICING FORM - FIRE ALARM SYSTEM TESTING AND MAINTENANCE**

JOHNSON CONTROLS FIRE PROTECTION, LP.

**Instructions:** For Tables I and II, please multiply the *Unit Price* by the corresponding estimated *Quantity* to determine the *Item Totals* for each Item for each year. Please sum Item Totals for each Year to determine the Subtotals for Tables I & II. For Table III, please enter the mark up percentage (between 0-5%, rounding to the nearest hundredth) in the % *Mark Up* field for each year. Please multiply the mark up percentage by the *Annual Materials/Parts Allowance* (Item 1) for each respective year. The annual *As-Needed Materials/Parts* amount is the sum of Items 1 and 2 for each year. The *Grand Total* is the sum of the *Subtotals* for Tables I, II & III.

Table I: FIRE ALARM TESTING AND MAINTENANCE				Year One	8/1/21 - 7/31/22
Item	Location	Qty./No. of Visit(s)	Unit Price	Item Total	
SDTI	<b>Building A</b>				
	1	Annual Testing and Maintenance	1	\$ 1,525.00	\$ 1,525.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Semi Annual inspection of Argonite System	2	\$ 562.00	\$ 1,124.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		Service Last Performed January 2018
	<b>Building B</b>				
	2	Annual Testing and Maintenance	1	\$ 1,021.00	\$ 1,021.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		Service Last Performed January 2018
	<b>Building C, Yard Tower, Paint Booth</b>				
	3	Annual Testing and Maintenance	1	\$ 2,991.00	\$ 2,991.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipes Inspection/Test	1		Service Last Performed February 2018
<b>Grantville Station</b>					
4	Annual Testing and Maintenance	1	\$ 1,195.00	\$ 1,195.00	
	Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
	Semi Annual inspection of Pre-Action System	2	\$ 493.00	\$ 986.00	
	Five Year NFPA Riser-Standpipe Inspection/Test (Last performed August 2012)	1	\$ 868.00	\$ 868.00	
<b>Grossmont Station</b>					
5	Annual Testing and Maintenance	1	\$ 291.00	\$ 291.00	
	Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00	
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
<b>Fashion Valley Station</b>					
6	Annual Testing and Maintenance	1	\$ 291.00	\$ 291.00	
	Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00	
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
7	<b>Administration Building</b>				
	Annual Testing and Maintenance	1	\$ 410.00	\$ 410.00	
8	<b>Data Center (inside Admin Bldg.)</b>				
	Semi Annual inspection of (1) FM200 Fire	2	\$ 343.00	\$ 686.00	
9	<b>RAM Building</b>				
	Annual Testing and Maintenance	1	\$ 2,088.00	\$ 2,088.00	
	Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
Five Year NFPA Riser-Standpipe Inspection/Test			1	Last performed September 2018	
10	<b>Service Lanes</b>				
	Annual Testing and Maintenance	1	\$ 1,623.00	\$ 1,623.00	
	Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
Five Year NFPA Riser-Standpipe Inspection/Test			1	Last performed September 2018	
11	<b>KMD Maintenance Building</b>				
	Annual Testing and Maintenance	1	\$ 2,446.00	\$ 2,446.00	
	Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
Five Year NFPA Riser-Standpipe Inspection/Test			3	Last performed September 2018	

Table I: FIRE ALARM TESTING AND MAINTENANCE				Year One	8/1/21 - 7/31/22	
Item	Location	Qty./No. of Visit(s)		Unit Price	Item Total	
BRT	<b>Sabre Springs</b>					
	12	Annual Testing and Maintenance	1	\$	2,308.00	\$ 2,308.00
		Quarterly Testing and Maintenance	3	\$	250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$	31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1			<b>Last performed October 2018</b>
	13	<b>UTC</b>				
		Annual Testing and Maintenance	1	\$	374.00	\$ 374.00
		Quarterly Testing and Maintenance	3	\$	200.00	\$ 600.00
		Semi Annual inspection of Sapphire System	2	\$	500.00	\$ 1,000.00
	14	<b>Centerline</b>				
		Annual Testing and Maintenance	1	\$	567.00	\$ 567.00
		Quarterly Testing and Maintenance	3	\$	300.00	\$ 900.00
Monthly Fire Alarm Monitoring (2 Panels)		12	\$	62.00	\$ 744.00	
LM	<b>Pyramid Building</b>					
	15	Annual Testing and Maintenance	1	\$	3,068.00	\$ 3,068.00
		Quarterly Testing and Maintenance	3	\$	250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$	31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1			<b>Last performed October 2018</b>
	16	<b>Taxi Admin. Building</b>				
		Annual Testing and Maintenance	1	\$	984.00	\$ 984.00
		Quarterly Testing and Maintenance	3	\$	250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$	31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1			<b>Last performed October 2018</b>
<b>Table I Subtotals</b>					\$ 41,482.00	
<b>Table II: AS-NEEDED REPAIRS</b>				Year One	8/1/21 - 7/31/22	
Item	Description	Est. Qty/Annual No. of Hours		Unit Price	Item Total	
1	Normal (Non-Emergency) Response	200	\$	193.00	\$ 38,600.00	
2	Emergency Response	36	\$	289.00	\$ 10,404.00	
<b>Table II Subtotals:</b>					\$ 49,004.00	
<b>**Blended rates / see attached labor rates</b>						
<b>Table III: AS-NEEDED MATERIALS/PARTS</b>				Year One	8/1/21 - 7/31/22	
Item	Description			% Mark Up	Item Total	
1	Annual Materials/Parts Allowance/Blended-see attached/Parts M				\$ 16,300.00	
2	Maximum markup permitted on materials 5%			3%	\$ 489.00	
<b>Table III Subtotals:</b>					\$ 16,789.00	
<b>**Blended / see attached parts markup</b>						
<b>Grand Total</b>						
				\$	1,181,926.04	

\*Bidders must use these bid forms and provide the pricing for all the line items. This will be the basis for award. Failure to do so may deem the bid nonresponsive

\*Bidders are advised that the estimated quantities are approximations for bidding purposes only. MTS estimates this to be its usage but does not guarantee this quantity. The actual quantities may be more or less than estimated and will be dictated by MTS' actual needs.

\*MTS is not responsible for finding, correcting, or seeking clarification regarding ambiguities or errors in the bid. Bidders accept responsibility for accuracy and presentation of the bid. If a discrepancy between the unit price and the extended/total exists, the unit price shall prevail.

**COST PRICING FOI**

JOHNSON CONTROLS FIRE PROTECTION, LP.

**Instructions:** For Tables I and II, please multiply the *Unit Price* by the corresponding *estir* Totals for each Year to determine the Subtotals for Tables I & II. For Table III, please enter the *Up* field for each year. Please multiply the mark up percentage by the *Annual Materials*, amount is the sum of Items 1 and 2 for each year. The *Grand Total* is the sum of the *Su*

		<b>Table I: FIRE ALARM TESTING AND MAINTENANCE</b>		<b>Year Two 8/1/22 - 7/31/23</b>		
<b>Item</b>	<b>Location</b>	<b>Qty./No. of Visit(s)</b>	<b>Unit Price</b>	<b>Item Total</b>		
<b>SDTI</b>	<b>Building A</b>					
	1	Annual Testing and Maintenance	1	\$ 1,525.00	\$ 1,525.00	
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
		Semi Annual inspection of Argonite System	2	\$ 562.00	\$ 1,124.00	
		Five Year NFPA Riser-Standpipe Inspection/Test	1	\$ 868.00	\$ 868.00	
	<b>Building B</b>					
	2	Annual Testing and Maintenance	1	\$ 1,021.00	\$ 1,021.00	
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
		Five Year NFPA Riser-Standpipe Inspection/Test	1	\$ 868.00	\$ 868.00	
	<b>Building C, Yard Tower, Paint Booth</b>					
	3	Annual Testing and Maintenance	1	\$ 2,991.00	\$ 2,991.00	
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
		Five Year NFPA Riser-Standpipes Inspection/Test	1	\$ 2,038.00	\$ 2,038.00	
	<b>Grantville Station</b>					
	4	Annual Testing and Maintenance	1	\$ 1,195.00	\$ 1,195.00	
Quarterly Testing and Maintenance		3	\$ 250.00	\$ 750.00		
Monthly Fire Alarm Monitoring		12	\$ 31.00	\$ 372.00		
Semi Annual inspection of Pre-Action System		2	\$ 493.00	\$ 986.00		
Five Year NFPA Riser-Standpipe Inspection/Test (Last performed August 2012)		1				
<b>Grossmont Station</b>						
5	Annual Testing and Maintenance	1	\$ 291.00	\$ 291.00		
	Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00		
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00		
<b>Fashion Valley Station</b>						
6	Annual Testing and Maintenance	1	\$ 291.00	\$ 291.00		
	Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00		
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00		
<b>Administration Building</b>	Annual Testing and Maintenance	1	\$ 410.00	\$ 410.00		
	Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00		
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00		
8	<b>Data Center (inside Admin Bldg.)</b>					
	Semi Annual inspection of (1) FM200 Fire	2	\$ 343.00	\$ 686.00		
9	<b>RAM Building</b>					
	Annual Testing and Maintenance	1	\$ 2,088.00	\$ 2,088.00		
	Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00		
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00		
10	<b>Service Lanes</b>					
	Annual Testing and Maintenance	1	\$ 1,623.00	\$ 1,623.00		
	Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00		
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00		
11	<b>KMD Maintenance Building</b>					
	Annual Testing and Maintenance	1	\$ 2,446.00	\$ 2,446.00		
	Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00		
		Five Year NFPA Riser-Standpipe Inspection/Test	3			

Table I: FIRE ALARM TESTING AND MAINTENANCE			Year Two 8/1/22 - 7/31/23		
Item	Location	Qty./No. of Visit(s)	Unit Price	Item Total	
BRT	<b>Sabre Springs</b>				
	12	Annual Testing and Maintenance	1	\$ 2,308.00	\$ 2,308.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	13	<b>UTC</b>			
		Annual Testing and Maintenance	1	\$ 374.00	\$ 374.00
		Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00
		Semi Annual inspection of Sapphire System	2	\$ 500.00	\$ 1,000.00
	14	<b>Centerline</b>			
		Annual Testing and Maintenance	1	\$ 567.00	\$ 567.00
		Quarterly Testing and Maintenance	3	\$ 300.00	\$ 900.00
Monthly Fire Alarm Monitoring (2 Panels)		12	\$ 62.00	\$ 744.00	
LM	<b>Pyramid Building</b>				
	15	Annual Testing and Maintenance	1	\$ 3,068.00	\$ 3,068.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	16	<b>Taxi Admin. Building</b>			
		Annual Testing and Maintenance	1	\$ 984.00	\$ 984.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Table I Subtotals</b>				\$ 44,388.00
	<b>Table II: AS-NEEDED REPAIRS</b>			Year Two 8/1/22 - 7/31/23	
Item	Description	Est. Qty/Annual No. of Hours	Unit Price	Item Total	
1	Normal (Non-Emergency) Response	200	\$ 193.00	\$ 38,600.00	
2	Emergency Response	36	\$ 289.00	\$ 10,404.00	
<b>Table II Subtotals:</b>				\$ 49,004.00	
<b>**Blended rates / see attached labor rates</b>					
<b>Table III: AS-NEEDED MATERIALS/PARTS</b>			Year Two 8/1/22 - 7/31/23		
Item	Description	% Mark Up	Item Total		
1	Annual Materials/Parts Allowance/Blended-see attached/Parts M	3%	\$ 16,699.00		
2	Maximum markup permitted on materials 5%		\$ 500.97		
<b>Table III Subtotals:</b>			\$ 17,199.97		
<b>**Blended / see attached parts markup</b>					
<b>Grand Total</b>					
			\$	1,181,926.04	

\*Bidders must use these bid forms and provide the pricing for all the line items. This will be the basis for award. Failure to do so may deem the bid nonresponsive

\*Bidders are advised that the estimated quantities are approximations for bidding purposes only. MTS estimates this to be its usage but does not guarantee this quantity. The actual quantities may be more or less than estimated and will be dictated by MTS' actual needs.

\*MTS is not responsible for finding, correcting, or seeking clarification regarding ambiguities or errors in the bid. Bidders accept responsibility for accuracy and presentation of the bid. If a discrepancy between the unit price and the extended/total exists, the unit price shall prevail.



**COST PRICING FOI**

JOHNSON CONTROLS FIRE PROTECTION, LP.

**Instructions:** For Tables I and II, please multiply the *Unit Price* by the corresponding *estir* Totals for each Year to determine the Subtotals for Tables I & II. For Table III, please enter the *Up* field for each year. Please multiply the mark up percentage by the *Annual Materials*, amount is the sum of Items 1 and 2 for each year. The *Grand Total* is the sum of the *Su*

		<b>Table I: FIRE ALARM TESTING AND MAINTENANCE</b>		<b>Year Three 8/1/23 - 7/31/24</b>		
<b>Item</b>	<b>Location</b>	<b>Qty./No. of Visit(s)</b>	<b>Unit Price</b>	<b>Item Total</b>		
<b>SDTI</b>	<b>Building A</b>					
	1	Annual Testing and Maintenance	1	\$ 1,525.00	\$ 1,525.00	
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
		Semi Annual inspection of Argonite System	2	\$ 562.00	\$ 1,124.00	
		Five Year NFPA Riser-Standpipe Inspection/Test	1			
	<b>Building B</b>					
	2	Annual Testing and Maintenance	1	\$ 1,021.00	\$ 1,021.00	
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
		Five Year NFPA Riser-Standpipe Inspection/Test	1			
	<b>Building C, Yard Tower, Paint Booth</b>					
	3	Annual Testing and Maintenance	1	\$ 2,991.00	\$ 2,991.00	
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
		Five Year NFPA Riser-Standpipes Inspection/Test	1			
	<b>Grantville Station</b>					
	4	Annual Testing and Maintenance	1	\$ 1,195.00	\$ 1,195.00	
Quarterly Testing and Maintenance		3	\$ 250.00	\$ 750.00		
Monthly Fire Alarm Monitoring		12	\$ 31.00	\$ 372.00		
Semi Annual inspection of Pre-Action System		2	\$ 493.00	\$ 986.00		
Five Year NFPA Riser-Standpipe Inspection/Test (Last performed August 2012)		1				
<b>Grossmont Station</b>						
5	Annual Testing and Maintenance	1	\$ 291.00	\$ 291.00		
	Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00		
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00		
<b>Fashion Valley Station</b>						
6	Annual Testing and Maintenance	1	\$ 291.00	\$ 291.00		
	Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00		
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00		
<b>SDTC</b>	<b>Administration Building</b>					
	7	Annual Testing and Maintenance	1	\$ 410.00	\$ 410.00	
		Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00	
	8	<b>Data Center (inside Admin Bldg.)</b>				
		Semi Annual inspection of (1) FM200 Fire	2	\$ 343.00	\$ 686.00	
	<b>RAM Building</b>					
	9	Annual Testing and Maintenance	1	\$ 2,088.00	\$ 2,088.00	
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
		Five Year NFPA Riser-Standpipe Inspection/Test	1	\$ 868.00	\$ 868.00	
	<b>Service Lanes</b>					
	10	Annual Testing and Maintenance	1	\$ 1,623.00	\$ 1,623.00	
Quarterly Testing and Maintenance		3	\$ 250.00	\$ 750.00		
Monthly Fire Alarm Monitoring		12	\$ 31.00	\$ 372.00		
Five Year NFPA Riser-Standpipe Inspection/Test		1	\$ 868.00	\$ 868.00		
<b>KMD Maintenance Building</b>						
11	Annual Testing and Maintenance	1	\$ 2,446.00	\$ 2,446.00		
	Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00		
	Five Year NFPA Riser-Standpipe Inspection/Test	3	\$ 1,648.00	\$ 1,648.00		

Table I: FIRE ALARM TESTING AND MAINTENANCE			Year Three 8/1/23 - 7/31/24		
Item	Location	Qty./No. of Visit(s)	Unit Price	Item Total	
BRT	<b>Sabre Springs</b>				
	12	Annual Testing and Maintenance	1	\$ 2,308.00	\$ 2,308.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1	\$ 1,797.00	\$ 1,797.00
	13	<b>UTC</b>			
		Annual Testing and Maintenance	1	\$ 374.00	\$ 374.00
		Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00
	14	<b>Centerline</b>			
		Annual Testing and Maintenance	1	\$ 567.00	\$ 567.00
		Quarterly Testing and Maintenance	3	\$ 300.00	\$ 900.00
		Monthly Fire Alarm Monitoring (2 Panels)	12	\$ 62.00	\$ 744.00
LM	<b>Pyramid Building</b>				
	15	Annual Testing and Maintenance	1	\$ 3,068.00	\$ 3,068.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1	\$ 2,025.00	\$ 2,025.00
	16	<b>Taxi Admin. Building</b>			
		Annual Testing and Maintenance	1	\$ 984.00	\$ 984.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1	\$ 868.00	\$ 868.00
	<b>Table I Subtotals</b>				\$ 48,688.00
	<b>Table II: AS-NEEDED REPAIRS</b>			Year Three 8/1/23 - 7/31/24	
Item	Description	Est. Qty/Annual No. of Hours	Unit Price	Item Total	
1	Normal (Non-Emergency) Response	200	\$ 193.00	\$ 38,600.00	
2	Emergency Response	36	\$ 289.00	\$ 10,404.00	
<b>Table II Subtotals:</b>				\$ 49,004.00	
<b>**Blended rates / see attached labor rates</b>					
<b>Table III: AS-NEEDED MATERIALS/PARTS</b>			Year Three 8/1/23 - 7/31/24		
Item	Description	% Mark Up	Item Total		
1	Annual Materials/Parts Allowance/Blended-see attached/Parts M	3%	\$ 17,110.00		
2	Maximum markup permitted on materials 5%		\$ 513.30		
<b>Table III Subtotals:</b>			\$ 17,623.30		
<b>**Blended / see attached parts markup</b>					
<b>Grand Total</b>					
			\$	1,181,926.04	

\*Bidders must use these bid forms and provide the pricing for all the line items. This will be the basis for award. Failure to do so may deem the bid nonresponsive

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**COST PRICING FOI**

JOHNSON CONTROLS FIRE PROTECTION, LP.

**Instructions:** For Tables I and II, please multiply the *Unit Price* by the corresponding *estir* Totals for each Year to determine the Subtotals for Tables I & II. For Table III, please ent *Up* field for each year. Please multiply the mark up percentage by the *Annual Materials*, amount is the sum of Items 1 and 2 for each year. The *Grand Total* is the sum of the *Su*

Table I: FIRE ALARM TESTING AND MAINTENANCE			Optional Year 1 8/1/24 - 7/31/25		
Item	Location	Qty./No. of Visit(s)	Unit Price	Item Total	
SDTI	<b>Building A</b>				
	1	Annual Testing and Maintenance	1	\$ 1,525.00	\$ 1,525.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Semi Annual inspection of Argonite System	2	\$ 562.00	\$ 1,124.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Building B</b>				
	2	Annual Testing and Maintenance	1	\$ 1,021.00	\$ 1,021.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Building C, Yard Tower, Paint Booth</b>				
	3	Annual Testing and Maintenance	1	\$ 2,991.00	\$ 2,991.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipes Inspection/Test	1		
	<b>Grantville Station</b>				
	4	Annual Testing and Maintenance	1	\$ 1,195.00	\$ 1,195.00
Quarterly Testing and Maintenance		3	\$ 250.00	\$ 750.00	
Monthly Fire Alarm Monitoring		12	\$ 31.00	\$ 372.00	
Semi Annual inspection of Pre-Action System		2	\$ 493.00	\$ 986.00	
Five Year NFPA Riser-Standpipe Inspection/Test (Last performed August 2012)		1			
<b>Grossmont Station</b>					
5	Annual Testing and Maintenance	1	\$ 291.00	\$ 291.00	
	Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00	
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
<b>Fashion Valley Station</b>					
6	Annual Testing and Maintenance	1	\$ 291.00	\$ 291.00	
	Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00	
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
SDTC	<b>Administration Building</b>				
	7	Annual Testing and Maintenance	1	\$ 410.00	\$ 410.00
		Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00
	8	<b>Data Center (inside Admin Bldg.)</b>			
		Semi Annual inspection of (1) FM200 Fire	2	\$ 343.00	\$ 686.00
	<b>RAM Building</b>				
	9	Annual Testing and Maintenance	1	\$ 2,088.00	\$ 2,088.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Service Lanes</b>				
	10	Annual Testing and Maintenance	1	\$ 1,623.00	\$ 1,623.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>KMD Maintenance Building</b>				
	11	Annual Testing and Maintenance	1	\$ 2,446.00	\$ 2,446.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
Five Year NFPA Riser-Standpipe Inspection/Test		3			

Table I: FIRE ALARM TESTING AND MAINTENANCE			Optional Year 1 8/1/24 - 7/31/25		
Item	Location	Qty./No. of Visit(s)	Unit Price	Item Total	
BRT	<b>Sabre Springs</b>				
	12	Annual Testing and Maintenance	1	\$ 2,308.00	\$ 2,308.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>UTC</b>				
	13	Annual Testing and Maintenance	1	\$ 374.00	\$ 374.00
		Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00
		Semi Annual inspection of Sapphire System	2	\$ 500.00	\$ 1,000.00
	<b>Centerline</b>				
	14	Annual Testing and Maintenance	1	\$ 567.00	\$ 567.00
		Quarterly Testing and Maintenance	3	\$ 300.00	\$ 900.00
Monthly Fire Alarm Monitoring (2 Panels)		12	\$ 62.00	\$ 744.00	
LM	<b>Pyramid Building</b>				
	15	Annual Testing and Maintenance	1	\$ 3,068.00	\$ 3,068.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Taxi Admin. Building</b>				
	16	Annual Testing and Maintenance	1	\$ 984.00	\$ 984.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Table I Subtotals</b>				\$ 40,614.00
	Table II: AS-NEEDED REPAIRS			Optional Year 1 8/1/24 - 7/31/25	
Item	Description	Est. Qty/Annual No. of Hours	Unit Price	Item Total	
1	Normal (Non-Emergency) Response	200	\$ 193.00	\$ 38,600.00	
2	Emergency Response	36	\$ 289.00	\$ 10,404.00	
<b>Table II Subtotals:</b>				\$ 49,004.00	
<b>**Blended rates / see attached labor rates</b>					
Table III: AS-NEEDED MATERIALS/PARTS			Optional Year 1 8/1/24 - 7/31/25		
Item	Description	% Mark Up		Item Total	
1	Annual Materials/Parts Allowance/Blended-see attached/Parts M	3%		\$ 17,533.00	
2	Maximum markup permitted on materials 5%			\$ 525.99	
<b>Table III Subtotals:</b>				\$ 18,058.99	
<b>**Blended / see attached parts markup</b>					
<b>Grand Total</b>					
			\$	1,181,926.04	

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**COST PRICING FOI**

JOHNSON CONTROLS FIRE PROTECTION, LP.

**Instructions:** For Tables I and II, please multiply the *Unit Price* by the corresponding *estir* Totals for each Year to determine the Subtotals for Tables I & II. For Table III, please ent *Up* field for each year. Please multiply the mark up percentage by the *Annual Materials*, amount is the sum of Items 1 and 2 for each year. The *Grand Total* is the sum of the *Su*

		<b>Table I: FIRE ALARM TESTING AND MAINTENANCE</b>		<b>Optional Year 2 8/1/25 - 7/31/26</b>	
	<b>Item</b>	<b>Location</b>	<b>Qty./No. of Visit(s)</b>	<b>Unit Price</b>	<b>Item Total</b>
<b>SDTI</b>	1	<b>Building A</b>			
		Annual Testing and Maintenance	1	\$ 1,525.00	\$ 1,525.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Semi Annual inspection of Argonite System	2	\$ 562.00	\$ 1,124.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	2	<b>Building B</b>			
		Annual Testing and Maintenance	1	\$ 1,021.00	\$ 1,021.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	3	<b>Building C, Yard Tower, Paint Booth</b>			
		Annual Testing and Maintenance	1	\$ 2,991.00	\$ 2,991.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipes Inspection/Test	1		
	4	<b>Grantville Station</b>			
		Annual Testing and Maintenance	1	\$ 1,195.00	\$ 1,195.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Semi Annual inspection of Pre-Action System (Last performed August 2012)	2	\$ 493.00	\$ 986.00
	5	<b>Grossmont Station</b>			
		Annual Testing and Maintenance	1	\$ 291.00	\$ 291.00
		Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00
6	<b>Fashion Valley Station</b>				
	Annual Testing and Maintenance	1	\$ 291.00	\$ 291.00	
	Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00	
7	<b>Administration Building</b>				
	Annual Testing and Maintenance	1	\$ 410.00	\$ 410.00	
	Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00	
8	<b>Data Center (inside Admin Bldg.)</b>				
	Semi Annual inspection of (1) FM200 Fire	2	\$ 343.00	\$ 686.00	
9	<b>RAM Building</b>				
	Annual Testing and Maintenance	1	\$ 2,088.00	\$ 2,088.00	
	Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
	Five Year NFPA Riser-Standpipe Inspection/Test	1			
10	<b>Service Lanes</b>				
	Annual Testing and Maintenance	1	\$ 1,623.00	\$ 1,623.00	
	Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
	Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00	
	Five Year NFPA Riser-Standpipe Inspection/Test	1			
11	<b>KMD Maintenance Building</b>				
	Annual Testing and Maintenance	1	\$ 2,446.00	\$ 2,446.00	
	Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00	
		Five Year NFPA Riser-Standpipe Inspection/Test	3		

Table I: FIRE ALARM TESTING AND MAINTENANCE			Optional Year 2 8/1/25 - 7/31/26		
Item	Location	Qty./No. of Visit(s)	Unit Price	Item Total	
BRT	<b>Sabre Springs</b>				
	12	Annual Testing and Maintenance	1	\$ 2,308.00	\$ 2,308.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	13	<b>UTC</b>			
		Annual Testing and Maintenance	1	\$ 374.00	\$ 374.00
		Quarterly Testing and Maintenance	3	\$ 200.00	\$ 600.00
		Semi Annual inspection of Sapphire System	2	\$ 500.00	\$ 1,000.00
	14	<b>Centerline</b>			
		Annual Testing and Maintenance	1	\$ 567.00	\$ 567.00
		Quarterly Testing and Maintenance	3	\$ 300.00	\$ 900.00
Monthly Fire Alarm Monitoring (2 Panels)		12	\$ 62.00	\$ 744.00	
LM	<b>Pyramid Building</b>				
	15	Annual Testing and Maintenance	1	\$ 3,068.00	\$ 3,068.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	16	<b>Taxi Admin. Building</b>			
		Annual Testing and Maintenance	1	\$ 984.00	\$ 984.00
		Quarterly Testing and Maintenance	3	\$ 250.00	\$ 750.00
		Monthly Fire Alarm Monitoring	12	\$ 31.00	\$ 372.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
<b>Table I Subtotals</b>				\$ 40,614.00	
<b>Table II: AS-NEEDED REPAIRS</b>			Optional Year 2 8/1/25 - 7/31/26		
Item	Description	Est. Qty/Annual No. of Hours	Unit Price	Item Total	
1	Normal (Non-Emergency) Response	200	\$ 193.00	\$ 38,600.00	
2	Emergency Response	36	\$ 289.00	\$ 10,404.00	
<b>Table II Subtotals:</b>				\$ 49,004.00	
<b>**Blended rates / see attached labor rates</b>					
<b>Table III: AS-NEEDED MATERIALS/PARTS</b>			Optional Year 2 8/1/25 - 7/31/26		
Item	Description		% Mark Up	Item Total	
1	Annual Materials/Parts Allowance/Blended-see attached/Parts M		3%	\$ 17,969.00	
2	Maximum markup permitted on materials 5%			\$ 539.07	
<b>Table III Subtotals:</b>				\$ 18,508.07	
<b>**Blended / see attached parts markup</b>					
<b>Grand Total</b>					
			\$	1,181,926.04	

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		<b>Table I: FIRE ALARM TESTING AND MAINTENANCE</b>		<b>Optional Year 3</b>		<b>8/1/26 - 7/31/27</b>	
		<b>Item</b>	<b>Location</b>	<b>Qty./No. of Visit(s)</b>	<b>Unit Price</b>	<b>Item Total</b>	
<b>SDTI</b>	1	<b>Building A</b>					
		Annual Testing and Maintenance	1	\$ 1,564.00	\$ 1,564.00		
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00		
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00		
		Semi Annual inspection of Argonite System	2	\$ 646.00	\$ 1,292.00		
	Five Year NFPA Riser-Standpipe Inspection/Test	1					
	2	<b>Building B</b>					
		Annual Testing and Maintenance	1	\$ 1,174.00	\$ 1,174.00		
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00		
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00		
		Five Year NFPA Riser-Standpipe Inspection/Test	1				
	3	<b>Building C, Yard Tower, Paint Booth</b>					
		Annual Testing and Maintenance	1	\$ 3,440.00	\$ 3,440.00		
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00		
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00		
		Five Year NFPA Riser-Standpipes Inspection/Test	1				
	4	<b>Grantville Station</b>					
		Annual Testing and Maintenance	1	\$ 1,374.00	\$ 1,374.00		
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00		
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00		
		Semi Annual inspection of Pre-Action System	2	\$ 567.00	\$ 1,134.00		
	Five Year NFPA Riser-Standpipe Inspection/Test (Last performed August 2012)	1	\$ 998.00	\$ 998.00			
	5	<b>Grossmont Station</b>					
		Annual Testing and Maintenance	1	\$ 335.00	\$ 335.00		
Quarterly Testing and Maintenance		3	\$ 230.00	\$ 690.00			
6	<b>Fashion Valley Station</b>						
	Annual Testing and Maintenance	1	\$ 335.00	\$ 335.00			
	Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00			
7	<b>Administration Building</b>						
	Annual Testing and Maintenance	1	\$ 472.00	\$ 472.00			
	Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00			
8	<b>Data Center (inside Admin Bldg.)</b>						
	Semi Annual inspection of (1) FM200 Fire	2	\$ 394.00	\$ 788.00			
9	<b>RAM Building</b>						
	Annual Testing and Maintenance	1	\$ 2,401.00	\$ 2,401.00			
	Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00			
	Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00			
	Five Year NFPA Riser-Standpipe Inspection/Test	1					
10	<b>Service Lanes</b>						
	Annual Testing and Maintenance	1	\$ 1,866.00	\$ 1,866.00			
	Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00			
	Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00			
	Five Year NFPA Riser-Standpipe Inspection/Test	1					
11	<b>KMD Maintenance Building</b>						
	Annual Testing and Maintenance	1	\$ 2,813.00	\$ 2,813.00			
	Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00			
		Five Year NFPA Riser-Standpipe Inspection/Test	3				

Table I: FIRE ALARM TESTING AND MAINTENANCE			Optional Year 3 8/1/26 - 7/31/27		
Item	Location	Qty./No. of Visit(s)	Unit Price	Item Total	
BRT	<b>Sabre Springs</b>				
	12	Annual Testing and Maintenance	1	\$ 2,654.00	\$ 2,654.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	13	<b>UTC</b>			
		Annual Testing and Maintenance	1	\$ 430.00	\$ 430.00
		Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00
		Semi Annual inspection of Sapphire System	2	\$ 575.00	\$ 1,150.00
	14	<b>Centerline</b>			
		Annual Testing and Maintenance	1	\$ 652.00	\$ 652.00
		Quarterly Testing and Maintenance	3	\$ 345.00	\$ 1,035.00
Monthly Fire Alarm Monitoring (2 Panels)		12	\$ 74.00	\$ 888.00	
LM	<b>Pyramid Building</b>				
	15	Annual Testing and Maintenance	1	\$ 3,528.00	\$ 3,528.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	16	<b>Taxi Admin. Building</b>			
		Annual Testing and Maintenance	1	\$ 1,132.00	\$ 1,132.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Table I Subtotals</b>				\$ 47,739.00
	Table II: AS-NEEDED REPAIRS			Optional Year 3 8/1/26 - 7/31/27	
Item	Description	Est. Qty/Annual No. of Hours	Unit Price	Item Total	
1	Normal (Non-Emergency) Response	200	\$ 225.00	\$ 45,000.00	
2	Emergency Response	36	\$ 333.00	\$ 11,988.00	
<b>Table II Subtotals:</b>				\$ 56,988.00	
<b>**Blended rates / see attached labor rates</b>					
Table III: AS-NEEDED MATERIALS/PARTS			Optional Year 3 8/1/26 - 7/31/27		
Item	Description		% Mark Up	Item Total	
1	Annual Materials/Parts Allowance/Blended-see attached/Parts M		3%	\$ 18,418.00	
2	Maximum markup permitted on materials 5%			\$ 552.54	
<b>Table III Subtotals:</b>				\$ 18,970.54	
<b>**Blended / see attached parts markup</b>					
<b>Grand Total</b>					
			\$	1,181,926.04	

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JOHNSON CONTROLS FIRE PROTECTION, LP.

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		<b>Table I: FIRE ALARM TESTING AND MAINTENANCE</b>		<b>Optional Year 4 8/1/27 - 7/31/28</b>		
	<b>Item</b>	<b>Location</b>	<b>Qty./No. of Visit(s)</b>	<b>Unit Price</b>	<b>Item Total</b>	
<b>SDTI</b>	1	<b>Building A</b>				
		Annual Testing and Maintenance	1	\$ 1,564.00	\$ 1,564.00	
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
		Semi Annual inspection of Argonite System	2	\$ 646.00	\$ 1,292.00	
		Five Year NFPA Riser-Standpipe Inspection/Test	1	\$ 998.00	\$ 998.00	
	2	<b>Building B</b>				
		Annual Testing and Maintenance	1	\$ 1,174.00	\$ 1,174.00	
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
		Five Year NFPA Riser-Standpipe Inspection/Test	1	\$ 998.00	\$ 998.00	
	3	<b>Building C, Yard Tower, Paint Booth</b>				
		Annual Testing and Maintenance	1	\$ 3,440.00	\$ 3,440.00	
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
		Five Year NFPA Riser-Standpipes Inspection/Test	1	\$ 2,344.00	\$ 2,344.00	
	4	<b>Grantville Station</b>				
		Annual Testing and Maintenance	1	\$ 1,374.00	\$ 1,374.00	
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
		Semi Annual inspection of Pre-Action System	2	\$ 567.00	\$ 1,134.00	
		Five Year NFPA Riser-Standpipe Inspection/Test (Last performed August 2012)	1			
	5	<b>Grossmont Station</b>				
		Annual Testing and Maintenance	1	\$ 335.00	\$ 335.00	
Quarterly Testing and Maintenance		3	\$ 230.00	\$ 690.00		
	Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00		
6	<b>Fashion Valley Station</b>					
	Annual Testing and Maintenance	1	\$ 335.00	\$ 335.00		
	Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00		
	Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00		
<b>SDTC</b>	7	<b>Administration Building</b>				
		Annual Testing and Maintenance	1	\$ 472.00	\$ 472.00	
		Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00	
	8	<b>Data Center (inside Admin Bldg.)</b>				
		Semi Annual inspection of (1) FM200 Fire	2	\$ 394.00	\$ 788.00	
	9	<b>RAM Building</b>				
		Annual Testing and Maintenance	1	\$ 2,401.00	\$ 2,401.00	
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
		Five Year NFPA Riser-Standpipe Inspection/Test	1			
	10	<b>Service Lanes</b>				
Annual Testing and Maintenance		1	\$ 1,866.00	\$ 1,866.00		
Quarterly Testing and Maintenance		3	\$ 288.00	\$ 864.00		
Monthly Fire Alarm Monitoring		12	\$ 37.00	\$ 444.00		
	Five Year NFPA Riser-Standpipe Inspection/Test	1				
11	<b>KMD Maintenance Building</b>					
	Annual Testing and Maintenance	1	\$ 2,813.00	\$ 2,813.00		
	Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00		
	Five Year NFPA Riser-Standpipe Inspection/Test	3				

Table I: FIRE ALARM TESTING AND MAINTENANCE			Optional Year 4 8/1/27 - 7/31/28		
Item	Location	Qty./No. of Visit(s)	Unit Price	Item Total	
BRT	<b>Sabre Springs</b>				
	12	Annual Testing and Maintenance	1	\$ 2,654.00	\$ 2,654.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>UTC</b>				
	13	Annual Testing and Maintenance	1	\$ 430.00	\$ 430.00
		Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00
		Semi Annual inspection of Sapphire System	2	\$ 575.00	\$ 1,150.00
	<b>Centerline</b>				
	14	Annual Testing and Maintenance	1	\$ 652.00	\$ 652.00
		Quarterly Testing and Maintenance	3	\$ 345.00	\$ 1,035.00
Monthly Fire Alarm Monitoring (2 Panels)		12	\$ 74.00	\$ 888.00	
LM	<b>Pyramid Building</b>				
	15	Annual Testing and Maintenance	1	\$ 3,528.00	\$ 3,528.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Taxi Admin. Building</b>				
	16	Annual Testing and Maintenance	1	\$ 1,132.00	\$ 1,132.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Table I Subtotals</b>				\$ 51,081.00
	Table II: AS-NEEDED REPAIRS			Optional Year 4 8/1/27 - 7/31/28	
Item	Description	Est. Qty/Annual No. of Hours	Unit Price	Item Total	
1	Normal (Non-Emergency) Response	200	\$ 225.00	\$ 45,000.00	
2	Emergency Response	36	\$ 333.00	\$ 11,988.00	
<b>Table II Subtotals:</b>				\$ 56,988.00	
<b>**Blended rates / see attached labor rates</b>					
Table III: AS-NEEDED MATERIALS/PARTS			Optional Year 4 8/1/27 - 7/31/28		
Item	Description		% Mark Up	Item Total	
1	Annual Materials/Parts Allowance/Blended-see attached/Parts M		3%	\$ 18,881.00	
2	Maximum markup permitted on materials 5%			\$ 566.43	
<b>Table III Subtotals:</b>				\$ 19,447.43	
<b>**Blended / see attached parts markup</b>					
<b>Grand Total</b>					
			\$	1,181,926.04	

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JOHNSON CONTROLS FIRE PROTECTION, LP.

**Instructions:** For Tables I and II, please multiply the *Unit Price* by the corresponding *estir* Totals for each Year to determine the Subtotals for Tables I & II. For Table III, please ent *Up* field for each year. Please multiply the mark up percentage by the *Annual Materials*, amount is the sum of Items 1 and 2 for each year. The *Grand Total* is the sum of the *Su*

		<b>Table I: FIRE ALARM TESTING AND MAINTENANCE</b>		<b>Optional Year 5 8/1/28 - 7/31/29</b>		
	<b>Item</b>	<b>Location</b>	<b>Qty./No. of Visit(s)</b>	<b>Unit Price</b>	<b>Item Total</b>	
<b>SDTI</b>	1	<b>Building A</b>				
		Annual Testing and Maintenance	1	\$ 1,564.00	\$ 1,564.00	
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
		Semi Annual inspection of Argonite System	2	\$ 646.00	\$ 1,292.00	
		Five Year NFPA Riser-Standpipe Inspection/Test	1			
	2	<b>Building B</b>				
		Annual Testing and Maintenance	1	\$ 1,174.00	\$ 1,174.00	
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
		Five Year NFPA Riser-Standpipe Inspection/Test	1			
	3	<b>Building C, Yard Tower, Paint Booth</b>				
		Annual Testing and Maintenance	1	\$ 3,440.00	\$ 3,440.00	
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
		Five Year NFPA Riser-Standpipes Inspection/Test	1			
	4	<b>Grantville Station</b>				
		Annual Testing and Maintenance	1	\$ 1,374.00	\$ 1,374.00	
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
		Semi Annual inspection of Pre-Action System	2	\$ 567.00	\$ 1,134.00	
		Five Year NFPA Riser-Standpipe Inspection/Test (Last performed August 2012)	1			
	5	<b>Grossmont Station</b>				
		Annual Testing and Maintenance	1	\$ 335.00	\$ 335.00	
Quarterly Testing and Maintenance		3	\$ 230.00	\$ 690.00		
6	<b>Fashion Valley Station</b>					
	Annual Testing and Maintenance	1	\$ 335.00	\$ 335.00		
	Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00		
<b>SDTC</b>	7	<b>Administration Building</b>				
		Annual Testing and Maintenance	1	\$ 472.00	\$ 472.00	
	8	<b>Data Center (inside Admin Bldg.)</b>				
		Semi Annual inspection of (1) FM200 Fire	2	\$ 394.00	\$ 788.00	
	9	<b>RAM Building</b>				
		Annual Testing and Maintenance	1	\$ 2,401.00	\$ 2,401.00	
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
		Five Year NFPA Riser-Standpipe Inspection/Test	1	\$ 998.00	\$ 998.00	
	10	<b>Service Lanes</b>				
		Annual Testing and Maintenance	1	\$ 1,866.00	\$ 1,866.00	
Quarterly Testing and Maintenance		3	\$ 288.00	\$ 864.00		
Monthly Fire Alarm Monitoring		12	\$ 37.00	\$ 444.00		
Five Year NFPA Riser-Standpipe Inspection/Test		1	\$ 998.00	\$ 998.00		
11	<b>KMD Maintenance Building</b>					
	Annual Testing and Maintenance	1	\$ 2,813.00	\$ 2,813.00		
	Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00		
		Five Year NFPA Riser-Standpipe Inspection/Test	3	\$ 1,895.00	\$ 1,895.00	

Table I: FIRE ALARM TESTING AND MAINTENANCE			Optional Year 5		
			8/1/28 - 7/31/29		
Item	Location	Qty./No. of Visit(s)	Unit Price	Item Total	
BRT	<b>Sabre Springs</b>				
	12	Annual Testing and Maintenance	1	\$ 2,654.00	\$ 2,654.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1	\$ 2,067.00	\$ 2,067.00
	13	<b>UTC</b>			
		Annual Testing and Maintenance	1	\$ 430.00	\$ 430.00
		Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00
		Semi Annual inspection of Sapphire System	2	\$ 575.00	\$ 1,150.00
	14	<b>Centerline</b>			
		Annual Testing and Maintenance	1	\$ 652.00	\$ 652.00
		Quarterly Testing and Maintenance	3	\$ 345.00	\$ 1,035.00
Monthly Fire Alarm Monitoring (2 Panels)		12	\$ 74.00	\$ 888.00	
LM	<b>Pyramid Building</b>				
	15	Annual Testing and Maintenance	1	\$ 3,528.00	\$ 3,528.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1	\$ 2,239.00	\$ 2,239.00
	16	<b>Taxi Admin. Building</b>			
		Annual Testing and Maintenance	1	\$ 1,132.00	\$ 1,132.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1	\$ 998.00	\$ 998.00
	<b>Table I Subtotals</b>				\$ 55,936.00
	<b>Table II: AS-NEEDED REPAIRS</b>			Optional Year 5	
			8/1/28 - 7/31/29		
Item	Description	Est. Qty/Annual No. of Hours	Unit Price	Item Total	
1	Normal (Non-Emergency) Response	200	\$ 225.00	\$ 45,000.00	
2	Emergency Response	36	\$ 333.00	\$ 11,988.00	
<b>Table II Subtotals:</b>				\$ 56,988.00	
<b>**Blended rates / see attached labor rates</b>					
<b>Table III: AS-NEEDED MATERIALS/PARTS</b>			Optional Year 5		
			8/1/28 - 7/31/29		
Item	Description		% Mark Up	Item Total	
1	Annual Materials/Parts Allowance/Blended-see attached/Parts M		3%	\$ 19,357.00	
2	Maximum markup permitted on materials 5%			\$ 580.71	
<b>Table III Subtotals:</b>				\$ 19,937.71	
<b>**Blended / see attached parts markup</b>					
<b>Grand Total</b>					
			\$	1,181,926.04	

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Table I: FIRE ALARM TESTING AND MAINTENANCE			Optional Year 6 8/1/29 - 7/31/30		
Item	Location	Qty./No. of Visit(s)	Unit Price	Item Total	
SDTI	<b>Building A</b>				
	1	Annual Testing and Maintenance	1	\$ 1,564.00	\$ 1,564.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Semi Annual inspection of Argonite System	2	\$ 646.00	\$ 1,292.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Building B</b>				
	2	Annual Testing and Maintenance	1	\$ 1,174.00	\$ 1,174.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Building C, Yard Tower, Paint Booth</b>				
	3	Annual Testing and Maintenance	1	\$ 3,440.00	\$ 3,440.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipes Inspection/Test	1		
	<b>Grantville Station</b>				
	4	Annual Testing and Maintenance	1	\$ 1,374.00	\$ 1,374.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
	Semi Annual inspection of Pre-Action System	2	\$ 567.00	\$ 1,134.00	
	Five Year NFPA Riser-Standpipe Inspection/Test (Last performed August 2012)	1			
<b>Grossmont Station</b>					
5	Annual Testing and Maintenance	1	\$ 335.00	\$ 335.00	
	Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00	
	Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
<b>Fashion Valley Station</b>					
6	Annual Testing and Maintenance	1	\$ 335.00	\$ 335.00	
	Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00	
	Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
SDTC	<b>Administration Building</b>				
	7	Annual Testing and Maintenance	1	\$ 472.00	\$ 472.00
		Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00
	8	<b>Data Center (inside Admin Bldg.)</b>			
		Semi Annual inspection of (1) FM200 Fire	2	\$ 394.00	\$ 788.00
	<b>RAM Building</b>				
	9	Annual Testing and Maintenance	1	\$ 2,401.00	\$ 2,401.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Service Lanes</b>				
10	Annual Testing and Maintenance	1	\$ 1,866.00	\$ 1,866.00	
	Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
	Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
	Five Year NFPA Riser-Standpipe Inspection/Test	1			
<b>KMD Maintenance Building</b>					
11	Annual Testing and Maintenance	1	\$ 2,813.00	\$ 2,813.00	
	Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
	Five Year NFPA Riser-Standpipe Inspection/Test	3			

Table I: FIRE ALARM TESTING AND MAINTENANCE			Optional Year 6 8/1/29 - 7/31/30		
Item	Location	Qty./No. of Visit(s)	Unit Price	Item Total	
BRT	<b>Sabre Springs</b>				
	12	Annual Testing and Maintenance	1	\$ 2,654.00	\$ 2,654.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	13	<b>UTC</b>			
		Annual Testing and Maintenance	1	\$ 430.00	\$ 430.00
		Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00
		Semi Annual inspection of Sapphire System	2	\$ 575.00	\$ 1,150.00
	14	<b>Centerline</b>			
		Annual Testing and Maintenance	1	\$ 652.00	\$ 652.00
		Quarterly Testing and Maintenance	3	\$ 345.00	\$ 1,035.00
Monthly Fire Alarm Monitoring (2 Panels)		12	\$ 74.00	\$ 888.00	
LM	<b>Pyramid Building</b>				
	15	Annual Testing and Maintenance	1	\$ 3,528.00	\$ 3,528.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	16	<b>Taxi Admin. Building</b>			
		Annual Testing and Maintenance	1	\$ 1,132.00	\$ 1,132.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
<b>Table I Subtotals</b>				\$ 46,741.00	
Table II: AS-NEEDED REPAIRS			Optional Year 6 8/1/29 - 7/31/30		
Item	Description	Est. Qty/Annual No. of Hours	Unit Price	Item Total	
1	Normal (Non-Emergency) Response	200	\$ 225.00	\$ 45,000.00	
2	Emergency Response	36	\$ 333.00	\$ 11,988.00	
<b>Table II Subtotals:</b>				\$ 56,988.00	
<b>**Blended rates / see attached labor rates</b>					
Table III: AS-NEEDED MATERIALS/PARTS			Optional Year 6 8/1/29 - 7/31/30		
Item	Description		% Mark Up	Item Total	
1	Annual Materials/Parts Allowance/Blended-see attached/Parts M		3%	\$ 19,848.00	
2	Maximum markup permitted on materials 5%			\$ 595.44	
<b>Table III Subtotals:</b>				\$ 20,443.44	
<b>**Blended / see attached parts markup</b>					
<b>Grand Total</b>					
			\$	1,181,926.04	

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Table I: FIRE ALARM TESTING AND MAINTENANCE			Optional Year 7 8/1/30 - 7/31/31		
Item	Location	Qty./No. of Visit(s)	Unit Price	Item Total	
SDTI	<b>Building A</b>				
	1	Annual Testing and Maintenance	1	\$ 1,564.00	\$ 1,564.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Semi Annual inspection of Argonite System	2	\$ 646.00	\$ 1,292.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Building B</b>				
	2	Annual Testing and Maintenance	1	\$ 1,174.00	\$ 1,174.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Building C, Yard Tower, Paint Booth</b>				
	3	Annual Testing and Maintenance	1	\$ 3,440.00	\$ 3,440.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipes Inspection/Test	1		
	<b>Grantville Station</b>				
	4	Annual Testing and Maintenance	1	\$ 1,374.00	\$ 1,374.00
Quarterly Testing and Maintenance		3	\$ 288.00	\$ 864.00	
Monthly Fire Alarm Monitoring		12	\$ 37.00	\$ 444.00	
Semi Annual inspection of Pre-Action System		2	\$ 567.00	\$ 1,134.00	
Five Year NFPA Riser-Standpipe Inspection/Test (Last performed August 2012)		1			
<b>Grossmont Station</b>					
5	Annual Testing and Maintenance	1	\$ 335.00	\$ 335.00	
	Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00	
	Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
<b>Fashion Valley Station</b>					
6	Annual Testing and Maintenance	1	\$ 335.00	\$ 335.00	
	Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00	
	Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
SDTC	<b>Administration Building</b>				
	7	Annual Testing and Maintenance	1	\$ 472.00	\$ 472.00
		Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00
	8	<b>Data Center (inside Admin Bldg.)</b>			
		Semi Annual inspection of (1) FM200 Fire	2	\$ 394.00	\$ 788.00
	<b>RAM Building</b>				
	9	Annual Testing and Maintenance	1	\$ 2,401.00	\$ 2,401.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Service Lanes</b>				
10	Annual Testing and Maintenance	1	\$ 1,866.00	\$ 1,866.00	
	Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
	Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00	
	Five Year NFPA Riser-Standpipe Inspection/Test	1			
<b>KMD Maintenance Building</b>					
11	Annual Testing and Maintenance	1	\$ 2,813.00	\$ 2,813.00	
	Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00	
	Five Year NFPA Riser-Standpipe Inspection/Test	3			

Table I: FIRE ALARM TESTING AND MAINTENANCE			Optional Year 7		
Item	Location	Qty./No. of Visit(s)	Unit Price	Item Total	
BRT	<b>Sabre Springs</b>				
	12	Annual Testing and Maintenance	1	\$ 2,654.00	\$ 2,654.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>UTC</b>				
	13	Annual Testing and Maintenance	1	\$ 430.00	\$ 430.00
		Quarterly Testing and Maintenance	3	\$ 230.00	\$ 690.00
		Semi Annual inspection of Sapphire System	2	\$ 575.00	\$ 1,150.00
	<b>Centerline</b>				
	14	Annual Testing and Maintenance	1	\$ 652.00	\$ 652.00
		Quarterly Testing and Maintenance	3	\$ 345.00	\$ 1,035.00
Monthly Fire Alarm Monitoring (2 Panels)		12	\$ 74.00	\$ 888.00	
LM	<b>Pyramid Building</b>				
	15	Annual Testing and Maintenance	1	\$ 3,528.00	\$ 3,528.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Taxi Admin. Building</b>				
	16	Annual Testing and Maintenance	1	\$ 1,132.00	\$ 1,132.00
		Quarterly Testing and Maintenance	3	\$ 288.00	\$ 864.00
		Monthly Fire Alarm Monitoring	12	\$ 37.00	\$ 444.00
		Five Year NFPA Riser-Standpipe Inspection/Test	1		
	<b>Table I Subtotals</b>				\$ 46,741.00
	<b>Table II: AS-NEEDED REPAIRS</b>			Optional Year 7	
Item	Description	Est. Qty/Annual No. of Hours	Unit Price	Item Total	
1	Normal (Non-Emergency) Response	200	\$ 225.00	\$ 45,000.00	
2	Emergency Response	36	\$ 333.00	\$ 11,988.00	
<b>Table II Subtotals:</b>				\$ 56,988.00	
<b>**Blended rates / see attached labor rates</b>					
<b>Table III: AS-NEEDED MATERIALS/PARTS</b>			Optional Year 7		
Item	Description	% Mark Up	8/1/30 - 7/31/31		
1	Annual Materials/Parts Allowance/Blended-see attached/Parts M	3%	\$ 20,353.00		
2	Maximum markup permitted on materials 5%		\$ 610.59		
<b>Table III Subtotals:</b>			\$ 20,963.59		
<b>**Blended / see attached parts markup</b>					
<b>Grand Total</b>					
			\$	1,181,926.04	

\*Bidders must use these bid forms and provide the pricing for all the line items. This will be the basis for award. Failure to do so may deem the bid nonresponsive

\*Bidders are advised that the estimated quantities are approximations for bidding purposes only. MTS estimates this to be its usage but does not guarantee this quantity. The actual quantities may be more or less than estimated and will be dictated by MTS' actual needs.

\*MTS is not responsible for finding, correcting, or seeking clarification regarding ambiguities or errors in the bid. Bidders accept responsibility for accuracy and presentation of the bid. If a discrepancy between the unit price and the extended/total exists, the unit price shall prevail.





1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101-7490  
(619) 231-1466 • FAX (619) 234-3407

## Agenda Item No. 14

### MEETING OF THE METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

INCREASED AUTHORIZATION FOR LEGAL SERVICES CONTRACTS TO PAY  
PROJECTED EXPENSES IN FISCAL YEAR 2022

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute amendments to the legal services contracts described herein increasing the dollar amounts of sixteen (16) legal services contracts by \$1,690,000 to cover anticipated Fiscal Year 2022 (FY 22) expenses.

#### Budget Impact

The total budget for the 16 contracts shall not exceed \$7,018,802. This project is funded by Risk & Claims (633010, 633014, 633016, 905010, 905014, 905016) Land Management, (791010), General Counsel (121010), Human Resources (711010), San Diego Transit Pension Plan and the San Diego & Arizona Eastern Railway (SD&AE), (771017)

#### DISCUSSION:

On October 11, 2018, the Board established a panel of qualified law firms to assist MTS, San Diego Trolley, Inc. (SDTI) and San Diego Transit Corporation (SDTC) with various legal matters on an as-needed basis. Thereafter, MTS began contracting with the approved firms for designated amounts. The firms provide different specialties of law, such as tort liability, workers' compensation, employment practices, real estate/land management, environmental and taxation. Fifteen of these firms will require contract increases to pay current and anticipated legal expenses in FY 22.

MTS currently employs two in-house attorneys: General Counsel and a Staff Attorney. The General Counsel position represents the Board at public meetings, sits on the executive management team, supervises the Risk and Internal Audit departments and



handles various legal matters such as review of contracts, real estate transactions, public records requests, Brown Act compliance, regulatory compliance, ethics questions, and oversight of various outside counsel assignments. The Staff Attorney position focuses on various regulatory compliance matters, For Hire Vehicle Program Administration, Title VI and DBE compliance, procurement compliance, and other matters in support of the Agency and the General Counsel. The legal services panel is used on an as-needed basis to provide expert advice on various matters such as public contracting requirements, taxation, environmental compliance, labor and employment, federal railroad law and other specialized areas of the law where MTS does not have sufficient in-house expertise or capacity. MTS also assigns all litigation matters to outside counsel.

Legal services needs are estimated every year during the MTS budget process. Each department or capital project that may incur legal fees evaluates ongoing matters and upcoming projects or cases and builds the estimated legal services costs into each department's budget. Most legal services costs are born by the Risk Department (for tort liability and workers' compensation cases), the Human Resources Department (for labor and employment advice and litigation), and the Legal Department (for general advice and special projects). Storm water compliance matters are billed to the Storm Water Department budget, matters related to the San Diego Transit Pension Plan are paid for by the Plan, and matters involving the Desert Line or legal issues related to property owned by the San Diego & Arizona Eastern Railroad entity (SD&AE) are billed to the SD&AE budget.

After the budget is approved, and at the start of the fiscal year, each department looks at the applicable law firm contracts for matters that are overseen by that department. If it appears that there is sufficient Board-authorized funding on a law firm contract to handle the anticipated needs for the fiscal year (as determined during the budget process), then no action is taken on the contract. If the contract funding is below the estimated needs for the new fiscal year, then a contract amendment adding funding is processed according to Board Policy 41. The contracts proposed for today's action require Board authority under Board Policy 41.

The contract increases are based upon each firm's current caseload, the likelihood that a particular case may go to trial, and anticipated future litigation assigned to these firms in the current fiscal year. The following table includes the contracts needing Board approval to increase the dollar amount for legal services contracts for FY 22:

#	Firm Name	Area of Law	Contract No.	Current Contract Amount (since 1/1/2019)	Proposed Increase Amount	Total Contract Amount (since 1/1/2019)	Att #
1	Dean Gazzo Roistacher	Tort Liability	G2204.4-19	\$250,000	\$60,000	\$310,000	A
2	Duane Morris	Financial/ Pension	G2211.0-19	\$58,625.46	\$30,000	\$88,625.46	B
3	Floyd Skeran Manukian Langevin	Workers' Compensation	G2215.2-19	\$175,000	\$100,000	\$275,000	C
4	Horton Oberrecht & Kirkpatrick	Tort Liability	G2326.1-20	\$75,000	\$175,000	\$250,000	D
5	Kegal Tobin & Truce	Workers' Compensation	G2245.2-19	\$125,000	\$70,000	\$195,000	E
6	Laughlin Falbo Levy & Moresi	Workers' Compensation	G2216.3-19	\$261,911.71	\$125,000	\$386,911.71	F
7	Leidle & Larson	Tort Liability	G2205.2-19	\$557,296.81	\$50,000	\$607,296.81	G
8	Law Offices of Eldon Floyd	Workers' Compensation	G2214.2-19	\$100,000	\$75,000	\$175,000	H
9	Law Offices of Mark Barber	Workers' Compensation	G2217.3-19	\$176,533.45	\$75,000	\$251,533.45	I
10	Law Offices of Michael Ripley	Tort Liability	G2206.2-19	\$496,666.90	\$100,000	\$596,666.90	J
11	Paul Plevin Sullivan & Connaughton	Labor & Employment	G2203.4-19	\$544,083.81	\$200,000	\$744,083.81	K
12	Ryan Carvalho	Tort Liability	G2207.2-19	\$488,877.22	\$125,000	\$613,877.22	L
13	Trovillion Inveiss & Demakis	Workers' Compensation	G2218.1-19	\$145,173.24	\$80,000	\$225,173.24	M
14	Tyson & Mendes	Tort Liability	G2208.3-19	\$514,478.92	\$50,000	\$564,478.92	N
15	Wheatley Bingham & Baker	Tort Liability	G2209.2-19	\$862,369.09	\$275,000	\$1,137,369.09	O
16	Best Best & Krieger	General Law	G2200.3-19	\$497,785.29	\$100,000	\$597,785.29	P
<b>Totals</b>				<b>\$</b>	<b>\$1,690,000</b>	<b>\$7,018,802</b>	
				<b>\$5,328,801.90</b>			

Individual cases are assigned to a given firm based on the subject area of the case, the expertise of a particular law firm, the capacity of the firm to handle the case, and the number of MTS cases already being handled by that firm. Adding funding authority does not guarantee that MTS will assign a case to a particular law firm, or otherwise limit MTS's ability to determine the best firm on MTS's Board-approved legal services panel

to handle a particular matter. If the anticipated need is not realized, then the excess funding authority will be carried over to the next fiscal year.

Therefore, staff recommends that the MTS Board authorize the CEO to execute amendments to the legal services contracts described above, increasing the dollar amount of sixteen (16) legal services contracts by \$1,690,000.00 to cover anticipated fiscal year 2022 (FY 22) expenses. (Attachments A-O provide details on the proposed contract increases.)

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachments:

- A. Contract Amendment G2204.4-19 (Dean Gazzo Roistacher)
- B. Contract Amendment G2211.1-19 (Duane Morris)
- C. Contract Amendment G2215.2-19 (Floyd Skeran Manukian Langevin)
- D. Contract Amendment G2326.0-20 (Horton Oberrecht & Kirkpatrick)
- E. Contract Amendment G2245.2-19 (Kegal Tobin & Truce)
- F. Contract Amendment G2216.3-19 (Laughlin Falbo Levy & Moresi)
- G. Contract Amendment G2205.2-19 (Leidle Larson)
- H. Contract Amendment G2214.2-19 (Law Offices of Eldon Floyd)
- I. Contract Amendment G2217.3-19 (Law Offices of Mark Barber)
- J. Contract Amendment G2206.2-19 (Law Offices of Michael Ripley)
- K. Contract Amendment G2203.4-19 (Paul Plevin Sullivan & Connaughton)
- L. Contract Amendment G2207.2-19 (Ryan Carvalho)
- M. Contract Amendment G2218.1-19 (Trovillion, Inveiss & Demakis)
- N. Contract Amendment G2208.3-19 (Tyson & Mendes)
- O. Contract Amendment G2209.2-19 (Wheatley Bingham & Baker)
- P. Contract Amendment G2200.3-19 (Best Best & Krieger)

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

**Amendment 4**

Effective Date: June 29, 2021

MTS Doc No. G2204.4-19

**LEGAL SERVICES – GENERAL COUNSEL REGARDING LIABILITY**

Dean Gazzo Roistacher, LLP  
Mr. Scott Noya  
Partner  
462 Stevens Ave, Suite 201  
Solana Beach, CA, 92075-2099

This shall serve as Amendment No.4 to the original agreement G2204.0-19 as further described below.

SCOPE

There is no change to the scope of work.

SCHEDULE

There is no change to the contract schedule.

PAYMENT

This contract amendment shall authorize additional costs not to exceed \$60,000. The total value of this contract including this amendment shall be in the amount of \$310,000. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Mr. Scott Noya, Partner  
Dean Gazzo Roistacher, LLP  
Date: \_\_\_\_\_

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

**Amendment 1**

Effective Date: June 29, 2021

MTS Doc No. G2211.1-19

FINANCE LEGAL SERVICES

Duane Morris LLP  
Lisa C. Merrill Attorney  
750 B Street  
San Diego, CA, 92101

This shall serve as Amendment No.1 to the original agreement G2211.1-19 as further described below.

SCOPE

There is no change to the scope of work.

SCHEDULE

There is no change to the contract schedule.

PAYMENT

This contract amendment shall authorize additional costs not to exceed \$30,000. The total value of this contract including this amendment shall be in the amount of \$88,625.46. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Lisa C. Merrill, Attorney

Duane Morris LLP

Date: \_\_\_\_\_

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

## Amendment 2

Effective Date: June 29, 2021

MTS Doc No. G2215.2-19

### LEGAL SERVICES – WORKERS’ COMPENSATION

Floyd Skeren Maukian Lagevin, LLP  
Thomas M. Skeren, Jr.  
Sr. Partner  
7525 Metropolitan Drive, Suite 304  
San Diego, CA, 92108

This shall serve as Amendment No.2 to the original agreement G2215.0-19 as further described below.

#### SCOPE

There is no change to the scope of work.

#### SCHEDULE

There is no change to the contract schedule.

#### PAYMENT

This contract amendment shall authorize additional costs not to exceed \$100,000. The total value of this contract including this amendment shall be in the amount of \$275,000. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return the copy marked *original* to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Thomas M. Skeren, Jr., Sr. Partner  
Floyd Skeren Maukian Lagevin, LLP

Date: \_\_\_\_\_



1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

## Amendment 1

Effective Date: June 29, 2021

MTS Doc No. G2326.1-20

### LEGAL SERVICES

Horton, Oberrecht, Kirkpatrick & Martha  
Kimberly S. Oberrecht, Esq. Managing Partner  
101 W. Broadway, Suite 600  
San Diego, CA, 92101

This shall serve as Amendment No.1 to the original agreement G2326.0-20 as further described below.

### SCOPE

There shall be no changes to the scope of work of this contract.

### SCHEDULE

There shall be no changes to the schedule of this contract.

### PAYMENT

This contract amendment shall authorize additional costs not to exceed \$175,000. The total value of this contract including this amendment shall be in the amount of \$250,000. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Kimberly S. Oberrecht, Esq.,  
Managing Partner  
Horton, Oberrecht, Kirkpatrick &  
Martha

Date: \_\_\_\_\_

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

**Amendment 2**

Effective Date: June 29, 2021

MTS Doc No. G2245.2-19

**LEGAL SERVICES – WORKERS’ COMPENSATION**

Kegel, Tobin & Truce, APC  
Fiona Woon  
Managing Shareholder  
5333 Mission Center Road, #356  
San Diego, CA, 90076-0907

This shall serve as Amendment No.2 to the original agreement G2245.0-19 as further described below.

SCOPE

There shall be no change to the scope of work.

SCHEDULE

There shall be no change to the schedule of this contract.

PAYMENT

This contract amendment shall authorize additional costs not to exceed \$70,000. The total value of this contract including this amendment shall be in the amount of \$195,000. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Fiona Woon, Managing  
Shareholder  
Kegel, Tobin & Truce, APC

Date: \_\_\_\_\_

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

### **Amendment 3**

Effective Date: June 29, 2021

MTS Doc No. G2216.3-19

#### **LEGAL SERVICES – WORKERS’ COMPENSATION**

Laughlin, Falbo, Levy & Moresi LLP  
Marijo Kuperman, Esq.  
Managing Partner  
600 B Street, Suite 2300  
San Diego, CA, 92101

This shall serve as Amendment No.3 to the original agreement G2216.0-19 as further described below.

#### **SCOPE**

There shall be no change to the scope of work.

#### **SCHEDULE**

There shall be no change to the schedule of this contract.

#### **PAYMENT**

This contract amendment shall authorize additional costs not to exceed \$125,000. The total value of this contract including this amendment shall be in the amount of \$386,911.71. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Marijo Kuperman, Esq.,  
Managing Partner  
Laughlin, Falbo, Levy & Moresi LLP

Date: \_\_\_\_\_

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

## Amendment 2

Effective Date: June 29, 2021

MTS Doc No. G2205.2-19

LEGAL SERVICES – GENERAL LIABILITY, LABOR AND EMPLOYMENT LAW, CONSTRUCTION CONTRACTS AND CLAIMS, AMERICANS WITH DISABILITIES ACT (ADA), AND CIVIL RIGHTS

Liedle, Larson & Vail, LLP  
Matthew J. Liedle  
Managing Partner  
12520 High Bluff Dr., Suite 200  
San Diego, CA, 92130

This shall serve as Amendment No.2 to the original agreement G2205.0-19 as further described below.

### SCOPE

There shall be no change to the scope of work.

### SCHEDULE

There shall be no change to the schedule of this contract.

### PAYMENT

This contract amendment shall authorize additional costs not to exceed \$50,000. The total value of this contract including this amendment shall be in the amount of \$607,296.81. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Matthew J. Liedle,  
Managing Partner  
Liedle, Larson & Vail, LLP

Date: \_\_\_\_\_

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

## Amendment 2

Effective Date: June 29, 2021

MTS Doc No. G2214.2-19

### LEGAL SERVICES – WORKERS’ COMPENSATION

Eldon L. Floyd & Associates  
Eldon Floyd  
Managing Attorney/Owner  
7710 Hazard Center Drive, E-124  
San Diego, CA, 92108

This shall serve as Amendment No.2 to the original agreement G2214.0-19 as further described below.

#### SCOPE

There shall be no change to the scope of work.

#### SCHEDULE

There shall be no change to the schedule of this contract.

#### PAYMENT

This contract amendment shall authorize additional costs not to exceed \$75,000. The total value of this contract including this amendment shall be in the amount of \$175,000. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Eldon Floyd,  
Managing Attorney/Owner  
Eldon L. Floyd & Associates

Date: \_\_\_\_\_

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

### Amendment 3

Effective Date: June 29, 2021

MTS Doc No. G2217.3-19

#### LEGAL SERVICES – WORKERS’ COMPENSATION

Law Offices of Mark H. Barber  
Mark H. Barber  
Managing Attorney/Owner  
2727 Camino del Rio South, Suite 220  
San Diego, CA, 92108

This shall serve as Amendment No.3 to the original agreement G2217.0-19 as further described below.

#### SCOPE

There shall be no changes to the scope of work.

#### SCHEDULE

There shall be no changes to the schedule of this contract.

#### PAYMENT

This contract amendment shall authorize additional costs not to exceed \$75,000. The total value of this contract including this amendment shall be in the amount of \$251,533.45. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return the copy marked *original* to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Mark H. Barber,  
Managing Attorney/Owner  
Law Offices of Mark H. Barber

Date: \_\_\_\_\_

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

## Amendment 2

Effective Date: June 29, 2021

MTS Doc No. G2206.2-19

### LEGAL SERVICES – GENERAL AND TORT LIABILITY

Law Offices of Michael E. Ripley  
Michael Ripley  
Attorney/Proprietor  
12520 High Bluff Dr., Suite 110  
San Diego, CA, 92130

This shall serve as Amendment No.2 to the original agreement G2206.0-19 as further described below.

#### SCOPE

There is no change to the scope of work.

#### SCHEDULE

There is no change to the schedule of this contract.

#### PAYMENT

This contract amendment shall authorize additional costs not to exceed \$100,000. The total value of this contract including this amendment shall be in the amount of \$596,666.90. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Michael Ripley,  
Attorney/Proprietor  
Law Offices of Michael E. Ripley

Date: \_\_\_\_\_

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

**Amendment 4**

Effective Date: June 29, 2021

MTS Doc No. G2203.4-19

LEGAL SERVICES – LABOR AND EMPLOYMENT, ADA, CIVIL RIGHTS AND PUBLIC ENTITY

Paul, Plevin, Sullivan, and Connaughton, LLP  
J. Rod Betts  
Partner  
101 West Broadway, 9th Floor  
San Diego, CA, 92101

This shall serve as Amendment No.4 to the original agreement G2203.0-19 as further described below.

SCOPE

There shall be no change to the scope of work of this contract.

SCHEDULE

There shall be no change to the schedule of this contract.

PAYMENT

This contract amendment shall authorize additional costs not to exceed \$200,000. The total value of this contract including this amendment shall be in the amount of \$744,083.81. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
J. Rod Betts, Partner  
Paul, Plevin, Sullivan, and  
Connaughton, LLP

Date: \_\_\_\_\_



1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

## Amendment 2

Effective Date: June 29, 2021

MTS Doc No. G2207.2-19

### LEGAL SERVICES – GENERAL LIABILITY, LABOR EMPLOYMENT, CONSTRUCTION AND INSURANCE LAW

Ryan Carvalho LLP  
Norman Ryan  
Attorney  
8989 Rio San Diego Drive, Suite  
368 San Diego, CA, 92130

This shall serve as Amendment No.2 to the original agreement G2207.0-19 as further described below.

#### SCOPE

There shall be no change to the scope of work of this contract.

#### SCHEDULE

There shall be no change to the schedule of this contract.

#### PAYMENT

This contract amendment shall authorize additional costs not to exceed \$125,000. The total value of this contract including this amendment shall be in the amount of \$613,877.22. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Norman Ryan, Attorney

Ryan Carvalho LLP

Date: \_\_\_\_\_

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

## Amendment 1

Effective Date: June 29, 2021

MTS Doc No. G2218.1-19

### LEGAL SERVICES – WORKERS’ COMPENSATION

Trovillion, Inveiss & Demakis  
Nicole Demakis  
Partner  
1455 Frazee Road, Suite 650  
San Diego, CA, 92108

This shall serve as Amendment No.1 to the original agreement G2218.0-19 as further described below.

#### SCOPE

There shall be no change to the scope of work of this contract.

#### SCHEDULE

There shall be no change to the schedule of this contract.

#### PAYMENT

This contract amendment shall authorize additional costs not to exceed \$80,000. The total value of this contract including this amendment shall be in the amount of \$225,173.24. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Nicole Demakis, Partner

Trovillion, Inveiss & Demakis

Date: \_\_\_\_\_

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

### **Amendment 3**

Effective Date: June 29, 2021

MTS Doc No. G2208.3-19

#### **LEGAL SERVICES – LIABILITY LAW**

Tyson & Mendes, LLP  
Patrick Mendes Founding  
Partner  
5661 La Jolla Blvd.  
San Diego, CA, 92037

This shall serve as Amendment No.3 to the original agreement G2208.0-19 as further described below.

#### **SCOPE**

There is no change to the scope of work of this contract.

#### **SCHEDULE**

There is no change to the schedule of this contract.

#### **PAYMENT**

This contract amendment shall authorize additional costs not to exceed \$50,000. The total value of this contract including this amendment shall be in the amount of \$564,478.92. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Patrick Mendes,  
Founding Partner  
Tyson & Mendes, LLP

Date: \_\_\_\_\_

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

## Amendment 2

Effective Date: June 29, 2021

MTS Doc No. G2209.2-19

### LEGAL SERVICES – GENERAL & TORT LIABILITY

Wheatley Bingham & Baker, LLP  
Roger P. Bingham  
Partner  
462 Stevens Ave. Suite 109  
Solana Beach, CA, 92075

This shall serve as Amendment No.2 to the original agreement G2209.0-19 as further described below.

### SCOPE

There shall be no change to the scope of work of this contract.

### SCHEDULE

There shall be no change to the schedule of this contract.

### PAYMENT

This contract amendment shall authorize additional costs not to exceed \$275,000. The total value of this contract including this amendment shall be in the amount of \$1,137,369.09. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Roger P. Bingham, Partner

Wheatley Bingham & Baker, LLP

Date: \_\_\_\_\_



1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

### Amendment 3

Effective Date: July 9, 2021

MTS Doc No. G2200.3-19

#### LEGAL SERVICES – ALL AREAS OF MTS OPERATION

Best Best & Krieger, LLP  
Mr. Bruce W. Beach  
Equity Partner  
655 West Broadway, 15th Floor  
San Diego, CA, 92101

This shall serve as Amendment No.3 to the original agreement G2200.3-19 as further described below.

#### SCOPE

There is no change to the scope of work.

#### SCHEDULE

There shall be no change to the schedule of this contract.

#### PAYMENT

This contract amendment shall authorize additional costs not to exceed \$100,000. The total value of this contract including this amendment shall be in the amount of \$597,785.29. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return a copy to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

\_\_\_\_\_  
Sharon Cooney, Chief Executive Officer

\_\_\_\_\_  
Mr. Bruce W. Beach, Equity Partner  
Best Best & Krieger, LLP

Date: \_\_\_\_\_





1255 Imperial Avenue, Suite 1000  
 San Diego, CA 92101-7490  
 (619) 231-1466 • FAX (619) 234-3407

## Agenda Item No. 15

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS COMMITTEE

July 29, 2021

**SUBJECT:**

SAN DIEGO METROPOLITAN TRANSIT SYSTEM REGIONAL SCHEDULING  
 SYSTEM HASTUS VERSION 2021 UPGRADE AND PURCHASE OF THE BIDWEB  
 MODULE - SOLE SOURCE

**RECOMMENDATION:**

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. G2494.0-21 (in substantially the same format as Attachment A) with GIRO for the HASTUS software, licensing and upgrade to version 2021, purchase of BidWeb module and first-year maintenance support services in the amount of \$2,064,180.00

Budget Impact

The total budget for this project shall not exceed \$2,064,180.00. The project will be funded by the Information Technology (IT) Operating Budget account 661010-571250 for first-year maintenance support and Capital Improvement Program (CIP) 3009115001 for the HASTUS Upgrade to version 2021 and Purchase of BidWeb Module installation and implementation. Funding for the agreement would be paid by MTS and North County Transit District (NCTD) as shown below. The cost-sharing between the two agencies is governed by a Memorandum of Understanding (MOU) between MTS and NCTD.

MTS AND NCTD COST- SHARING BREAKDOWN				
MTS:	CIP FY22 1197	\$1,582,289	NCTD:	\$193,377
MTS:	Operating Budget FY21	\$288,514	NCTD:	
<b>MTS Total Share:</b>		<b>\$1,870,803</b>	<b>NCTD Total Share:</b>	<b>\$193,377</b>

Total Initial Agreement: (MTS & NCTD): **\$2,064,180.00**



## DISCUSSION:

MTS and NCTD are currently using contractor GIRO to provide HASTUS scheduling software for the Regional Scheduling System (RSS). RSS is a regional fixed-bus route and rail-scheduling system. The system provides the regional transit agencies with the necessary tools to build efficient timetables and vehicle and crew schedules for Bus and Rail Operations. It also supports operator bid processing and supports the physical dispatching of bus drivers and train operators. Each year, GIRO provides a new version of HASTUS with additional and upgraded features, usability improvements, and updated algorithms.

In 2003, GIRO was selected through a Request for Proposals (RFP). Since then, GIRO has provided annual maintenance and support for both agencies. An existing MOU outlines the responsibilities for each agency, cost-sharing and invoice payment procedures.

Currently, both agencies are using HASTUS version 2014 software that was upgraded in 2013. MTS and NCTD are looking to upgrade to version 2021, which will increase productivity, provide upgraded algorithms for creating work, add electric bus scheduling, and add bidding by web for bus operators, among other improvements.

This software upgrade will be a sole source agreement with GIRO. MTS and NCTD have made a significant investment in software, training, and workflow to use the HASTUS system and the HASTUS software is proprietary. GIRO owns all codes and intellectual rights. This sole source agreement is necessary to continue the work to upgrade the HASTUS Scheduling System. Awarding another contractor to create a new regional scheduling system would substantially duplicate costs that are not expected to be recovered through competition.

Staff evaluated the proposed price for the upgrade against the independent cost estimate and determined that the proposed pricing was fair and reasonable. The upgrade and annual maintenance prices are in-line with previous costs charged by GIRO.

Therefore, staff recommends that the Board authorize the CEO to execute MTS Doc. No. G2494.0-21 (in substantially the same format as Attachment A) with GIRO for the HASTUS software, licensing and upgrade to version 2021, purchase of BidWeb module and first-year maintenance support services in the amount not to exceed \$2,064,180.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachments: A. Draft Agreement MTS Doc. No. G2494.0-21  
B. Scope of Work & Cost Summary

1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
Tel 619.231.1466 Fax 619.234.3407

**STANDARD AGREEMENT  
FOR  
MTS DOC. NO. G2494.0-21  
REGIONAL SCHEDULING SYSTEM- HASTUS SOFTWARE UPGRADE AND BID WEB MODULE  
SERVICES**

THIS AGREEMENT is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2021 in the State of California by and between San Diego Metropolitan Transit System ("MTS"), a California public agency, and the following, hereinafter referred to as "Contractor":

Name: GIRO Inc. Address: 75, rue de Port-Royal Est,  
Montreal (Quebec) Canada H3L  
Form of Business: Corporation City State Zip  
(Corporation, Partnership, Sole Proprietor, etc.) Email: Jean.Aubin@giro.ca  
Telephone: +1514.383.0404

Authorized person to sign contracts Jean Aubin President  
Name Title

The Contractor agrees to provide HASTUS Regional Scheduling System Software Upgrade, maintenance, support and BidWeb Module services as specified in the conformed Scope of Work (Exhibit A), Contractor's Cost Proposal (Exhibit B), and in accordance with the Standard Agreement, including Standard Conditions (Exhibit C), and Federal Requirements (Exhibit D), with the signed MTS Forms-GIRO Inc. (Exhibit E).

The contract term is for up to fourteen months (14) period and shall be effective August 1, 2021 through September 30, 2022 .

Payment terms shall be net 30 days from invoice date. The total cost of this contract shall not exceed \$2,064,180.00 without the express written consent of MTS.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	GIRO INC.
By: _____ Sharon Cooney, Chief Executive Officer  Approved as to form:  By: _____ Karen Landers, General Counsel	By _____  Title: _____





May 14, 2021

Mr. Devin Braun  
Director of Transportation  
San Diego Metropolitan Transit System  
1255 Imperial Avenue  
Suite 1000  
San Diego, CA 92101-7492  
USA

Subject: Proposal for **HASTUS™** upgrade to version 2021 and additional **BidWeb** module

---

Dear Mr. Braun:

As per your request, GIRO Inc. is pleased to submit to San Diego Metropolitan Transit System (MTS) the following proposal for upgrading your current **HASTUS** installation from version 2014 to version 2021. This includes the following modules: **Vehicle, Crew, CrewOpt, MinBus, Geo, Roster, HASTOP, Bid, DailyCrew, DailyVehicle, EPM, SelfService** and **ATP**.

This proposal also includes **BidWeb** as a new module for MTS.

- **BidWeb** allows employees to register their selections remotely, reducing costs of bidding while providing your employees with a better bidding environment.

A more detailed description of this additional module can be found in Appendix A.

## New features

A summarized list of new functionalities and features incorporated into successive **HASTUS** releases from version 2015 to version 2021 is attached. Should any specific new development(s) be a key consideration in your planning, please let GIRO know, as the services proposed herein only cover MTS's current set of functionalities.

## Work and services

When estimating the level of services required for the upgrade and module addition, we took the following into account:

- Project management: work required by the project manager to organize the project, supervise the project team, and prepare status reports for MTS and GIRO management.

- Specifications: starting from the approved specifications of your current **HASTUS 2014** version, work will include validating that the requirements are the same for the upgraded version and identifying adjustments required to the customized and configured items to incorporate them into the new version. This upgrade proposal only includes migration of customization and configured items found in MTS's **HASTUS 2014** version.

For the new **BidWeb** module to be added with the upgrade, work on specifications will include defining precisely how the new module will be configured, as well as defining the configuration to initialize relevant variables and rules. Based on an evaluation of MTS round(s) of bidding, GIRO has included work and services needed for version 2021 in this proposal. If out-of-scope customizations are required to **BidWeb**, they will be at an additional cost.

- Migration of your existing configuration and customizations to the new version. Several features in your current version were customized or configured. Some of these customized or configured features have also evolved in recent versions. Consequently, they must be carefully inspected with the intent to transfer relevant customizations while providing all the new **HASTUS** features.

With each change of version, the **HASTUS** cost function, rules, and parameters need to be updated and **CrewOpt**, **Roster** and **MinBus** solutions calibrated to ensure that the automatic solutions meet your requirements.

- Interfaces developed by GIRO will also be adapted to support the new version. Interfaces developed by MTS are under the responsibility of MTS. Any support related to these interfaces will be handled as a change request. Similarly, in the eventuality that MTS wants GIRO to take ownership of some or all of these interfaces, it would be at an additional cost and would be handled as a change request.
- Testing prior to delivery, where customized features are tested using a representative set of the MTS data.
- Training sessions where your staff will be taught how to use the new features and functionalities of the upgraded modules. If specific new features are key to this upgrade, we recommend that they be brought to our attention to confirm that they do not require additional implementation services.

All training sessions are planned with your **HASTUS** installation, using a hands-on, train-the-trainer methodology. The proposed training applies to a group of up to 8 people maximum.

- Implementation support: time our staff will devote to answering questions about functionality and advising users on how to use the application most effectively in their context.
- Technical support and training for **HASTUS** installations: GIRO's technical team will provide technical support and training on installing the new **HASTUS** version. The initial installation of the new **HASTUS** version will be performed by GIRO and all other installations/updates will be performed by MTS.

The following specifications, training or support sessions are planned:

Activity	Days
Specifications - Operations	5
Training - New features for Scheduling	5
Training - New features for Operations	5
Training – <i>BidWeb</i> for Operations	5
Total	20

Table 1 – Planned sessions

At any given time, GIRO and MTS can plan for additional sessions. Services provided during those sessions will be charged in addition to this cost proposal using rates found in the effective price list. Applicable travel expenses will be charged accordingly.

## Project planning

Work would start in Montréal approximately **six (6) to eight (8)** weeks after receiving your formal approval with the signed amended license.

### **Project duration**

It is estimated that **twelve (12) to fourteen (14) months** will be required to complete the project, with the precise schedule to be agreed at project initiation. If any optional services or modules are purchased, a project plan will be agreed upon, following the upgrade.

The project includes the following phases:

- Phase I – Scheduling modules upgrade.
- Phase II – Operations modules upgrade.
- Subsequent phase – Addition of *BidWeb*

### **Project acceptance**

Acceptance is reached when MTS provides acceptance confirmation or no later than fourteen (14) days following work completion and customized software delivery, whichever occurs first. In addition, the software is deemed accepted once used in an operational or “production” context. A single acceptance milestone has been planned for each phase of the project.

## Licenses

GIRO's License Agreement governs the use of GIRO's proprietary **HASTUS** software by MTS. The **HASTUS** license is perpetual in nature, so the License Agreement is intended to survive the duration of the implementation project and continue throughout the years in which the warranty and subsequent Maintenance and Support Contracts remain in effect.

The maximum number of **HASTUS** users or concurrent sessions has no impact on **HASTUS** license fees. However, the limit should be set to a reasonable number to reduce the risk of non-authorized access to the software and data.

As your current version is **HASTUS 2014**, under the applicable licensing policy, a license fee of 50% of the regular license fee will apply for this upgrade to version 2021, based on the following calculation: 10% per year, starting with the third year, up to a maximum of 50%.

A new upgrade policy will apply to the maintenance and support contract for your upgraded version of **HASTUS**. In keeping with standard practice throughout the software industry, once the proposed upgrade to **HASTUS 2021** has been completed, an uninterrupted **HASTUS** Maintenance and Support Contract will provide access to future **HASTUS** upgrades without additional licensing costs when the upgrade is performed, providing increased flexibility in planning upgrade cycles. MTS may choose to upgrade to a newer version of the software whenever it is convenient or advantageous to do so. The only costs remaining to be paid by MTS at the time of a future upgrade will be the implementation costs, covering services and expenses, which will be assessed by GIRO using the rates then in effect.

For more information on the benefits of the applicable licensing policy, please see Appendix B.

## Maintenance and Support

All maintenance and support services are provided from our Montréal offices.

Under the maintenance contract, technical issues are addressed by our **HASTUS** service desk, while functional issues are addressed by your assigned project manager with the help of his or her project team.

Support is provided by phone and email, with remote diagnostics available if required. New releases are delivered via FTP and are installed in a test and training environment before being moved to the production environment.

Upon acceptance of the updated **HASTUS** installation, the cost of the Maintenance and Support Contract will be revised as required. Table 2 and Table 3 outline the estimated maintenance cost for the next year given the purchase of **HASTUS** version 2021 and the optional module proposed. As of today, MTS has elected to purchase 18 maintenance days every year and this is accounted for in the maintenance estimates below.

Assuming MTS acquires the proposed version 2021 upgrade, the new maintenance and support policy would be applied the following year, at the annual Maintenance and Support Contract renewal planned for July 1, 2022. Once the new policy is in effect in your Maintenance and Support Contract, upgrade license fees for future upgrades will have already been covered.

## Cost Summary

### Upgrade cost

The following table presents the cost to upgrade MTS's **HASTUS** installation to version 2021 given the existing configurations and customizations in MTS's current 2014 installation.

Expenses include air fare, transportation, hotel, meals, and incidentals.

Description	Current Scheduling modules <sup>1</sup>	Current Operations modules <sup>2</sup>	Total
License	\$509,488	\$214,680 <sup>3</sup>	<b>\$724,168</b>
Services and expenses	\$261,015	\$519,950	<b>\$780,965</b>
<b>Total</b>	<b>\$770,503</b>	<b>\$734,630</b>	<b>\$1,505,133</b>
Annual Maintenance and Support estimated costs – Year 2022 <sup>4</sup>	\$312,205		<b>\$312,205</b>

Table 2 – Upgrade cost – **HASTUS 2021**.

#### Notes:

1. 700 Peak Vehicles. Modules **Vehicle, Crew, CrewOpt, MinBus, Geo, Roster, HASTOP, and ATP**.
2. 300 Peak Vehicles. Modules **DailyCrew, DailyVehicle, Bid, SelfService, and EPM**.
3. Includes licensing for 450 non-drivers.
4. The annual maintenance and support costs include 18 maintenance days and the new policy for annualized licensing.

### BidWeb additional module

Description	BidWeb
License fees (300 peak vehicles)	\$ 37,080
Services and expenses	\$193,060
<b>Total</b>	<b>\$230,140</b>
Annual Maintenance and Support estimated costs – Year 2022	\$10,452

Table 3 – Cost for additional module - **BidWeb**

### Cost breakdown

The costs displayed above are constructed based on our 2021 prices with the following rates:

Description	Daily rate
<b>Rate 1</b> – Program Manager/Business Analyst/Trainer/Algorithm Specialist	\$1,760
<b>Rate 2</b> – Senior Analyst	\$1,405
<b>Rate 3</b> – Analyst/Programmer	\$1,130

Table 4 – Table of rates for **HASTUS 2021** upgrade

The table below breaks down the cost by rates and the days associated for MTS 2021 upgrade.

Description	Scheduling			Operations			Online Bidding		
	Rate 1	Rate 2	Rate 3	Rate 1	Rate 2	Rate 3	Rate 1	Rate 2	Rate 3
<b>Project management</b>	\$40,480 (23 days)	-	-	\$84,480 (48 days)	-	-	\$26,400 (15 days)	\$8,430 (6 days)	-
<b>Specifications</b>	\$14,080 (8 days)	\$9,835 (7 days)	-	\$21,120 (12 days)	\$16,860 (12 days)	-	\$7,040 (4 days)	\$11,240 (8 days)	\$6,780 (6 days)
<b>Training</b>	\$17,600 (10 days)	-	-	\$48,480 (23 days)	-	-	\$8,800 (5 days)	-	-
<b>Support</b>	\$3,520 (2 days)	\$5,620 (4 days)	\$11,300 (10 days)	\$10,560 (6 days)	\$16,860 (12 days)	\$10,170 (9 days)	\$5,280 (3 days)	\$7,025 (5 days)	\$3,390 (3 days)
<b>Configuration</b>	\$12,320 (7 days)	\$19,670 (14 days)	\$15,820 (14 days)	\$51,040 (29 days)	\$85,705 (61 days)	\$70,060 (62 days)	\$15,840 (9 days)	\$32,315 (23 days)	\$46,330 (41 days)
<b>Calibration</b>	\$52,800 (30 days)	-	-	\$8,800 (5 days)	-	-	-	-	-
<b>Tests</b>	\$1,760 (1 day)	28,100 (20 days)	\$24,860 (22 days)	\$3,520 (2 days)	\$51,985 (37 days)	\$41,810 (37 days)	\$1,760 (1 day)	\$2,810 (2 days)	\$4,520 (4 days)
<b>Total</b>	<b>\$142,560</b> <b>(81 days)</b>	<b>\$63,225</b> <b>(45 days)</b>	<b>\$51,980</b> <b>(46 days)</b>	<b>\$220,000</b> <b>(125 days)</b>	<b>\$171,410</b> <b>(122 days)</b>	<b>\$122,040</b> <b>(108 days)</b>	<b>\$65,120</b> <b>(37 days)</b>	<b>\$61,820</b> <b>(44 days)</b>	<b>\$61,020</b> <b>(54 days)</b>
	<b>\$257,765 (172 days)</b>			<b>\$513,450 (355 days)</b>			<b>\$187,960 (135 days)</b>		

Table 5 – Cost breakdown

## Escrow fees

The following table describes the escrow fees for MTS. These fees are based on our 2021 prices.

Description	Total
Escrow annual fee	\$ 1,250
Escrow update fee <sup>1</sup>	\$5,000
<b>Total</b>	<b>\$6,250</b>

Table 6 – Escrow costs

Note:

1. With MTS upgrading to **HASTUS 2021**, MTS may choose to upgrade its source code in escrow from version 2014 to version 2021.

## Conditions

1. This is a fixed-cost proposal in US dollars based on our 2021 price list. All prices quoted herein are exclusive of any taxes that may apply. Calculating and remitting any applicable taxes would be the responsibility of MTS.
2. This proposal is valid until July 31, 2021.
3. Your current **HASTUS** license would be amended to reflect the new installed version. It is assumed that the number of peak vehicles would not exceed the number currently authorized by your license. If you wish to proceed with an increase in the number of peak vehicles, please contact GIRO.
4. In its evaluation of upgrade work and services, GIRO assumes that operational requirements remain unchanged since the previous **HASTUS** implementation. Therefore, and unless otherwise stated, any supplemental services required to take MTS's specific or new requirements into account (for example: configuration and/or calibration efforts related to a change in work rules) will be quoted separately.
5. A new software access control method has been introduced with the **HASTUS 2015** and subsequent versions. The physical (USB) control key is no longer used. It has been replaced by an encrypted licence file key according to your IT infrastructure.
6. There is no warranty on the software upgrade, since it is covered by the existing Maintenance and Support Contract.
7. For the new **BidWeb** module, a three-month warranty is included in the cost and it takes effect on the acceptance date of each new module. The Maintenance and Support Contract will cover **BidWeb** when the warranty period expires.
8. Travel expenses, for one person, are estimated at \$1,150 per trip and \$350 per day.  
GIRO reserves the right to review expenses fees considering changing market conditions. GIRO shall provide justification to MTS for any such price adjustment.
9. This proposal does not include any related hardware or upgrades to system-software, such as, but not limited to, Windows® or Oracle®/Microsoft SQL Server®. Please refer to the attached document for the recommended system requirements for **HASTUS** software based on your installation. The intended hardware configuration will be reviewed as part of the project and must be validated by GIRO.
10. Maintenance days available in the bank, if any, can be used to pay in whole or in part for the service days required for the upgrade or the addition of any new module(s). MTS had 31.5 maintenance days in bank as of May 11, 2021.

Mr. Braun

-8-

2021-05-14

11. The proposed payment schedule for the upgraded and additional modules is as follows.

Item	Payment percentage
Delivery of the project schedule	30% of services, expenses, and license
Delivery of customized and configured scheduling modules <sup>1</sup>	30% of services, expenses, and license
Delivery of customized and configured operations modules <sup>2</sup>	30% of services, expenses, and license
Full system acceptance	10% of services, expenses, and license

Table 7 – Proposed payment schedule.

Notes:

1. Scheduling modules include **Vehicle, Crew, CrewOpt, MinBus, Geo, Roster, HASTOP, and ATP.**
2. Operation modules include **DailyCrew, DailyVehicle, Bid, SelfService, and EPM.**

## Closing remarks

We hope the above information will be to your satisfaction. If you have any questions, please do not hesitate to contact the undersigned. We certainly hope to have the opportunity of working with MTS on this enhancement to your current installation.

Sincerely,

Frédéric Bean  
 Director, Sales  
[frederic.bean@giro.ca](mailto:frederic.bean@giro.ca)

FB/MC/HD  
 ENCL.





1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101-7490  
(619) 231-1466 • FAX (619) 234-3407

## Agenda Item No. 16

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

CONSTRUCTION MANAGEMENT (CM) ON-CALL SERVICES – CONTRACT AWARD

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute MTS CM On-Call Work Order based Master Agreements with up to six (6) firms (in substantially the same format as Attachment A-F), for the provision of On-Call CM services for a five-year period.

#### Budget Impact

The total estimated costs for CM Services, based on MTS's corresponding capital improvement program project forecasts, is \$10,000,000. However, this amount could increase or decrease as the capital improvement program budget for each year is approved, or in the event additional state or federal funds allow MTS to accelerate or add projects. Individual work orders under the On-Call list will be processed according to Board Policy No. 41, with funding identified at the time of work order issuance.

#### DISCUSSION:

MTS requires multiple CM On-Call, Work Order based, Master Agreements in order to support various infrastructure projects for Bus Operations, Trolley Operations, and the Planning and Real Estate Departments.

On January 11, 2021, the San Diego Association of Governments (SANDAG) led and issued a joint procurement with MTS for On-Call CM services by requesting Statements of Qualifications (RFSQ) from firms with expertise in a variety of CM and related consulting services. MTS took the opportunity to enter into a joint solicitation with SANDAG to more efficiently procure CM related services as well as utilize the economy of scale with the intent to provide MTS with its own CM related design service Master Agreements for future MTS projects.



An Independent Cost Estimate (ICE) was prepared by SANDAG and MTS resulting in an estimated expenditure amount of \$160 million aggregate (\$150 million for SANDAG and \$10 million for MTS) over a five-year period.

On February 22, 2021, twelve responsive Statement of Qualifications (SOQs) were received and later evaluated by the Evaluation Committee comprised of members from both MTS and SANDAG. A shortlist meeting was held on March 16, 2021. The top 9 firms were invited to interview. See table below for a list of the SOQs received and their rankings per the shortlist meeting.

<b>Shortlist Ranking (First to Last)</b>	<b>Proposer</b>	<b>Invited to Interview (Yes or No)</b>	<b>Shortlist Ranking (First to Last)</b>	<b>Proposer</b>	<b>Invited to Interview (Yes or No)</b>
<b>1</b>	Kleinfelder Construction Services	Yes	<b>7</b>	WSP USA Inc	Yes
<b>2</b>	Jacobs Engineering Group, Inc	Yes	<b>8</b>	PreScience Corporation	Yes
<b>3</b>	AECOM Technical Services, Inc.	Yes	<b>9</b>	Psomas	Yes
<b>4</b>	PGH Wong Engineering, Inc	Yes	<b>10</b>	Destination Enterprises, Inc	No
<b>5</b>	Anser Advisory Management	Yes	<b>11</b>	MARRS Services, Inc	No
<b>6</b>	TRC Engineers	Yes	<b>12</b>	Power-Tech Engineers, Inc.	No

Interviews with the nine short listed firms took place on March 24, 2021 and March 25, 2021. The Evaluation Committee provided a score of “excellent,” “good,” or “marginal” for each of the evaluation criteria as well as for a final score.

In order to compile the scores and to better determine which firms should be recommended for negotiation, point values were assigned to the three scores and then an average was calculated.

Based on the compiled averages the Evaluation Committee unanimously agreed to recommend six firms score for negotiation as indicated in the table below. The firms being recommended were those with the highest compiled average.

<b>Proposer</b>	<b>Recommended for Negotiation (Yes or No)</b>	<b>Proposer</b>	<b>Recommended for Negotiation (Yes or No)</b>
AECOM Technical Services, Inc	Yes	PreScience	Yes
Anser Advisory Management, LLC	No	Psomas	No
Jacobs Engineering Group, Inc	Yes	TRC Engineering	Yes
Kleinfelder Construction Services	Yes	WSP USA Inc	No
PGH Wong Engineering, Inc	Yes		

All of the Proposers who interviewed were deemed responsible based on the following findings:

- Have a satisfactory record of integrity and business ethics
- Have not been debarred or suspended from Federal programs and is not listed on the Excluded Parties List System at <http://www.sam.gov>;
- Have the necessary organization, experience, accounting, operational controls, and technical skills, or the ability to obtain them;
- Have a satisfactory current performance record;
- Have or can obtain key personnel with adequate experience and key subcontractors with adequate experience and past performance; and
- Have experience carrying out similar work.

As a result of the evaluation, SANDAG and MTS successfully negotiated rates with the following firms:

1. AECOM Technical Services, Inc.
2. Jacobs Engineering Group, Inc
3. Kleinfelder Construction Services
4. PGH Wong Engineering, Inc
5. PreScience Corporation (Disadvantaged Business Enterprise (DBE))
6. TRC Engineers

Therefore, staff recommends that the MTS Board authorize the CEO to execute MTS CM On-Call Work Order based Master Agreements with up to six (6) firms (in substantially the same format as Attachment A-F), for the provision of On-Call CM services for a five-year period.

Today's action authorizes award of the above-referenced On-Call Master Agreements. However, no specific project or spending is authorized and no firm is guaranteed a minimum amount of contract authority. Individual projects/work orders will be assigned to an On-Call firm based on individual project needs/factors, a mini-request for proposal process, or a rotation basis. Work orders will be approved according to the signature

authority set forth in Board Policy No. 41 (e.g. work orders under \$100,000 will be approved by the CEO; work orders over \$100,000 will require Board approval).

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachments: A. Master Agreement Draft – AECOM  
B. Master Agreement Draft – Jacobs  
C. Master Agreement Draft – Kleinfelder  
D. Master Agreement Draft – PGH Wong  
E. Master Agreement Draft – Prescience  
F. Master Agreement Draft – TRC

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**STANDARD AGREEMENT  
FOR  
MTS DOC. NO. G2496.0-21  
AS NEEDED CONSTRUCTION MANAGEMENT SERVICES**

THIS AGREEMENT is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2021 in the State of California by and between San Diego Metropolitan Transit System ("MTS"), a California public agency, and the following, hereinafter referred to as "Contractor":

Name: AECOM TECHNICAL SERVICES, INC. Address: 401 WEST A ST.

Form of Business: CORP SAN DIEGO CA 92101  
(Corporation, Partnership, Sole Proprietor, etc.) City State Zip  
Email: \_\_\_\_\_

Telephone: \_\_\_\_\_

Authorized person to sign contracts CHRIS MOCKUS  
Name Title

AECOM Technical Services Inc. (Contractor) and its subcontractors shall provide As-Needed Construction Management related services in accordance with the services specified in the Scope of Work (attached as MTS Exhibit A), Pricing and Payment Schedules (attached as Exhibit B) and in accordance with MTS's terms and conditions (attached as Exhibit C).

The master agreement term is effective for a period of Five (5) years from the date stated in the Notice to Proceed. Direct services shall be issued and awarded by a Work Order Agreement process as described herein.

Payment for actual performance of services shall be in accordance with Work Orders awarded under this Master Agreement not to exceed ten million dollars combined between all six (6) agreements.

By Execution of this document, Contactor hereby confirms and commits to all provisions as contained herein.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	AECOM TECHNICAL SERVICES INC.
By: <u>Sharon Cooney, Chief Executive Officer</u>	By _____
Approved as to form:	
By: <u>Karen Landers, General Counsel</u>	Title: _____

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**STANDARD AGREEMENT  
FOR  
MTS DOC. NO. G2497.0-21  
AS NEEDED CONSTRUCTION MANAGEMENT SERVICES**

THIS AGREEMENT is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2021 in the State of California by and between San Diego Metropolitan Transit System ("MTS"), a California public agency, and the following, hereinafter referred to as "Contractor":

Name: JACOBS PROJECT MANAGEMENT CO. Address: 401 B ST. STE. 1560

Form of Business: CORP SAN DIEGO CA 92101  
(Corporation, Partnership, Sole Proprietor, etc.) City State Zip  
Email : \_\_\_\_\_

Telephone: \_\_\_\_\_

Authorized person to sign contracts JIM STARLING  
Name Title

Jacobs Project Management Company. (Contractor) and its subcontractors shall provide As-Needed Construction Management related services in accordance with the services specified in the Scope of Work (attached as MTS Exhibit A), Pricing and Payment Schedules (attached as Exhibit B) and in accordance with MTS's terms and conditions (attached as Exhibit C).

The master agreement term is effective for a period of Five (5) years from the date stated in the Notice to Proceed. Direct services shall be issued and awarded by a Work Order Agreement process as described herein.

Payment for actual performance of services shall be in accordance with Work Orders awarded under this Master Agreement not to exceed ten million dollars combined between all six (6) agreements.

By Execution of this document, Contactor hereby confirms and commits to all provisions as contained herein.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	JACOBS PROJECT MANAGEMENT CO.
By: <u>Sharon Cooney, Chief Executive Officer</u>	By _____
Approved as to form:	
By: <u>Karen Landers, General Counsel</u>	Title: _____

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**STANDARD AGREEMENT  
FOR  
MTS DOC. NO. G2498.0-21  
AS NEEDED CONSTRUCTION MANAGEMENT SERVICES**

THIS AGREEMENT is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2021 in the State of California by and between San Diego Metropolitan Transit System ("MTS"), a California public agency, and the following, hereinafter referred to as "Contractor":

Name: KLEINFELDER CONSTRUCTION SVCS. INC. Address: 5761 COPLEY DR. STE. 100  
SAN DIEGO CA 92101  
City State Zip  
Form of Business: CORP  
(Corporation, Partnership, Sole Proprietor, etc.) Email : \_\_\_\_\_  
Telephone: \_\_\_\_\_

Authorized person to sign contracts MARC MCINTYRE  
Name Title

Kleinfelder Construction Services, Inc. (Contractor) and its subcontractors shall provide As-Needed Construction Management related services in accordance with the services specified in the Scope of Work (attached as MTS Exhibit A), Pricing and Payment Schedules (attached as Exhibit B) and in accordance with MTS's terms and conditions (attached as Exhibit C).

The master agreement term is effective for a period of Five (5) years from the date stated in the Notice to Proceed. Direct services shall be issued and awarded by a Work Order Agreement process as described herein.

Payment for actual performance of services shall be in accordance with Work Orders awarded under this Master Agreement not to exceed ten million dollars combined between all six (6) agreements.

By Execution of this document, Contactor hereby confirms and commits to all provisions as contained herein.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	KLEINFELDER CONSTRUCTION SERVICES, INC.
By: <u>Sharon Cooney, Chief Executive Officer</u>	By _____ Title: _____
Approved as to form:	
By: <u>Karen Landers, General Counsel</u>	

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**STANDARD AGREEMENT  
FOR  
MTS DOC. NO. G2499.0-21  
AS NEEDED CONSTRUCTION MANAGEMENT SERVICES**

THIS AGREEMENT is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2021 in the State of California by and between San Diego Metropolitan Transit System ("MTS"), a California public agency, and the following, hereinafter referred to as "Contractor":

Name: PGH WONG ENGINEERING, INC. Address: 401 B ST. STE. 160

Form of Business: CORP SAN DIEGO CA 92101  
(Corporation, Partnership, Sole Proprietor, etc.) City State Zip  
Email : \_\_\_\_\_

Telephone: \_\_\_\_\_

Authorized person to sign contracts DANIEL MARTIN  
Name Title

PGH Wong Engineering, Inc. (Contractor) and its subcontractors shall provide As-Needed Construction Management related services in accordance with the services specified in the Scope of Work (attached as MTS Exhibit A), Pricing and Payment Schedules (attached as Exhibit B) and in accordance with MTS's terms and conditions (attached as Exhibit C).

The master agreement term is effective for a period of Five (5) years from the date stated in the Notice to Proceed. Direct services shall be issued and awarded by a Work Order Agreement process as described herein.

Payment for actual performance of services shall be in accordance with Work Orders awarded under this Master Agreement not to exceed ten million dollars combined between all six (6) agreements.

By Execution of this document, Contactor hereby confirms and commits to all provisions as contained herein.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	PGH WONG ENGINEERING
By: <u>Sharon Cooney, Chief Executive Officer</u>  Approved as to form:  By: <u>Karen Landers, General Counsel</u>	By _____  Title: _____



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**STANDARD AGREEMENT  
 FOR  
 MTS DOC. NO. G2500.0-21  
 AS NEEDED CONSTRUCTION MANAGEMENT SERVICES**

THIS AGREEMENT is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2021 in the State of California by and between San Diego Metropolitan Transit System ("MTS"), a California public agency, and the following, hereinafter referred to as "Contractor":

Name: PRESCIENCE CORP. Address: 8525 GIBBS DR. STE. 202

Form of Business: CORP SAN DIEGO CA 92123  
 (Corporation, Partnership, Sole Proprietor, etc.) City State Zip

Telephone: \_\_\_\_\_ Email : \_\_\_\_\_

Telephone: \_\_\_\_\_

Authorized person to sign contracts DHANANJAY THAKARE  
 Name Title

Prescience Corp. (Contractor) and its subcontractors shall provide As-Needed Construction Management related services in accordance with the services specified in the Scope of Work (attached as MTS Exhibit A), Pricing and Payment Schedules (attached as Exhibit B) and in accordance with MTS's terms and conditions (attached as Exhibit C).

The master agreement term is effective for a period of Five (5) years from the date stated in the Notice to Proceed. Direct services shall be issued and awarded by a Work Order Agreement process as described herein.

Payment for actual performance of services shall be in accordance with Work Orders awarded under this Master Agreement not to exceed ten million dollars combined between all six (6) agreements.

By Execution of this document, Contactor hereby confirms and commits to all provisions as contained herein.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	PRESCIENCE CORP
By: <u>Sharon Cooney, Chief Executive Officer</u>	By _____  Title: _____
Approved as to form:	
By: <u>Karen Landers, General Counsel</u>	



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**STANDARD AGREEMENT  
 FOR  
 MTS DOC. NO. G2501.0-21  
 AS NEEDED CONSTRUCTION MANAGEMENT SERVICES**

THIS AGREEMENT is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2021 in the State of California by and between San Diego Metropolitan Transit System ("MTS"), a California public agency, and the following, hereinafter referred to as "Contractor":

Name: TRC ENGINEERS Address: 4393 VIEWRIDGE AVE. STE. A

SAN DIEGO CA 92123  
 City State Zip

Form of Business: CORP  
 (Corporation, Partnership, Sole Proprietor, etc.)

Email : \_\_\_\_\_

Telephone: \_\_\_\_\_

Authorized person to sign contracts AGNES WEBER  
 Name Title

TRC Engineers. (Contractor) and its subcontractors shall provide As-Needed Construction Management related services in accordance with the services specified in the Scope of Work (attached as MTS Exhibit A), Pricing and Payment Schedules (attached as Exhibit B) and in accordance with MTS's terms and conditions (attached as Exhibit C).

The master agreement term is effective for a period of Five (5) years from the date stated in the Notice to Proceed. Direct services shall be issued and awarded by a Work Order Agreement process as described herein.

Payment for actual performance of services shall be in accordance with Work Orders awarded under this Master Agreement not to exceed ten million dollars combined between all six (6) agreements.

By Execution of this document, Contactor hereby confirms and commits to all provisions as contained herein.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	TRC ENGINEERS
By: <u>Sharon Cooney, Chief Executive Officer</u>	By _____  Title: _____
Approved as to form:	
By: <u>Karen Landers, General Counsel</u>	





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## Agenda Item No. 17

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

**SUBJECT:**

INDEPENDENT AUDITING SERVICES – AMENDMENT

**RECOMMENDATION:**

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. G1513.6-13 (in substantially the same format as Attachment A) Contract Amendment with The Pun Group, to extend the contract to March 31, 2023, plus a 1 option year (to March 31, 2024), and add additional funds of \$473,000.00.

**Budget Impact**

The total budget for this amendment will not exceed \$473,000.00 and the total cost of the contract will be increased to \$2,251,934.00. This project is funded with local dollars (9020110-571130)

Date Issued	Board Approval Date	Document	Description	Amount
4/1/2014	12/12/2013	Contract	Independent auditing services	\$1,081,473
2/2/2015	-	Amendment 1	Add payment milestones table	-
9/3/2015	-	Amendment 2	Add scope and additional funds	\$26,250
6/15/ 2016	-	Amendment 3	Name change	-
12/3/2016	-	Amendment 4	Exercise options years 1-3	\$671,211
4/19/2019	-	Amendment 5	Add scope	-
TBD	7/29/2021	Amendment 6	Add funds and extend time	\$473,000
<b>Total Cost of Contract</b>				<b>\$2,251,934</b>



## DISCUSSION:

MTS is required to have its annual financial statements audited by an independent auditor and also to issue a number of Agreed-Upon Procedures Reports. Federal, state, and local funding (e.g. TransNet) is contingent upon this requirement. There is a total of 11 financial statements and Agreed-Upon Procedures Reports for MTS, San Diego Transit Corporation (SDTC), and San Diego Trolley, Inc. (SDTI).

Governmental Accounting Standards Board Statement 87 – Leases, is a new Governmental Accounting Standard that MTS is required to implement in the Fiscal Year 2022 Annual Comprehensive Financial Report to be issued in late fall 2022. Due to the complexity of the standard, auditors are recommending agencies plan for a 12 to 18-month implementation, which MTS kicked off in May 2021.

MTS Staff will be working closely with The Pun Group, LLP on this process, while leveraging their software, templates, industry knowledge and other tools. The Pun Group, LLP has developed a unique understanding of MTS current processes and procedures and is positioned to assist with this time sensitive implementation.

The current Pun Group contract is set to expire on March 31, 2022. Typically, the process to competitively bid a new financial auditing services contract would start in August or September 2021, in order to have a new contract in place by April 1, 2022. However, staff is concerned there may be negative impacts to MTS's GASB 87 implementation if a new auditor is selected through the competitive procurement process that is expected to complete by April 1, 2022. This would cause the GASB 87 compliance work to be disrupted midway through the implementation process. Conversely, this potential GASB 87 impact could give the Pun Group an unfair advantage in a competitive process if MTS proceeds with the previously scheduled new-procurement timeline.

For that reason, staff is requesting a one-year extension plus a one-year option estimated to be \$472,474. The second option year will allow MTS staff to gain a full understanding of the GASB 87 requirements and how to best account for operational leases. MTS would then be in a better position to publish a new solicitation for auditing services and select a vendor to start with the April 1, 2024 auditing period.

Therefore, staff recommends that the MTS Board authorize the CEO to execute MTS Doc. No. G1513.6-13 (in substantially the same format as Attachment A) Contract Amendment with The Pun Group, LLP to extend the contract to March 31, 2023, plus a 1 option year (to March 31, 2024), and add additional funds of \$473,000.00.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachment: A. Draft amendment G1513.6-13

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## Amendment 6

Effective Date: June 1, 2021

MTS Doc No. G1513.6-13

### INDEPENDENT AUDITING SERVICES

The Pun Group, LLP  
Mr. Kenneth H. Pun  
Managing Partner  
6265 Greenwich Dr., Suite 220  
San Diego, CA, 92122

This shall serve as Amendment No.6 to the original agreement G1513.0-13 as further described below.

### SCOPE

There are no changes to the scope of services.

### SCHEDULE

This contract amendment shall authorize to extend the contract one year from April 1, 2022 to March 31, 2023 with 1 one-year option term from April 1, 2023 – March 31, 2024.

### PAYMENT

This contract amendment shall also authorize additional costs not to exceed \$473,000. The total value of this contract including this amendment shall be in the amount of \$2,251,934. This amount shall not be exceeded without prior written approval from MTS.

Please sign and return the copy marked *original* to the Contract Specialist at MTS. All other terms and conditions shall remain the same and in effect. Retain the other copies for your records.

Sincerely,

Agreed:

---

Sharon Cooney, Chief Executive Officer

---

Mr. Kenneth H. Pun,  
Managing Partner  
The Pun Group, LLP

Date: \_\_\_\_\_





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## Agenda Item No. 18

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

ONE-YEAR EXTENSION OF THE FARE EVASION DIVERSION PROGRAM PILOT

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors extend the Fare Evasion Diversion Program Pilot by twelve (12) months, until August 31, 2022.

#### Public Security Committee Recommendation:

At the June 11, 2021 Public Security Committee Meeting, the Public Security Committee voted 4 to 0 (Committee Members Aguirre, Elo-Rivera, Galvez and Whitburn in favor with Hall and Montgomery Steppe absent) to recommend that the Board of Directors extend the Diversion Program by twelve months, until August 31, 2022.

#### Budget Impact

None with this action.

#### DISCUSSION:

The Fare Evasion Diversion Program Pilot (Diversion Program) began on September 1, 2020 and is set to expire on August 31, 2021. It is unclear what impact the COVID-19 pandemic has had on the success of the Diversion Program thus far. Staff proposes a twelve (12) month extension of the Diversion Program, until August 31, 2022. An extension would allow additional time to evaluate the effectiveness of the Diversion Program and identify if any changes to the Diversion Program are necessary.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

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San Diego Metropolitan Transit System (MTS) is a California public agency comprised of San Diego Transit Corp., San Diego Trolley, Inc. and San Diego and Arizona Eastern Railway Company (nonprofit public benefit corporations). MTS member agencies include the cities of Chula Vista, Coronado, El Cajon, Imperial Beach, La Mesa, Lemon Grove, National City, Poway, San Diego, Santee, and the County of San Diego. MTS is also the For-Hire Vehicle administrator for nine cities.



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## Agenda Item No. 19

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

CLOSURE OF THREE (3) COUNTY OF SAN DIEGO INVESTMENT ACCOUNTS

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors approve the closure of three (3) MTS-owned County of San Diego investment accounts (account numbers 44066, 44078 and 44081) which supported Transit Security Grant Program (TSGP) and Public Transportation Modernization, Improvement, and Service Enhancement Account (PTMISEA) specific grant funded projects.

#### Budget Impact

None.

#### DISCUSSION:

The Governor's Office of Emergency Services (Cal OES), who administers the California Transit Security Grant Program – California Transit Assistance Fund (CTSGP-CTAF), requires agencies to maintain separate interest-bearing accounts to ensure interest earned on the grant funds is tracked and only spent on grant approved projects.

MTS opened three investment accounts (44066 Proposition 1B TSGP, 44078 PTMISEA, and 44081 Proposition 1B TSGP) at the County of San Diego Treasurer's Office to isolate the grant funds and allow for proper grant revenue and expenditure tracking on the approved grant funded projects. Given that all projects are complete and grants have been closed and the investment accounts liquidated, the County of San Diego requires the MTS Board to approve the closure of these bank accounts.



Therefore, staff recommends that the MTS Board approve the closure of three (3) MTS-owned County of San Diego investment accounts (account numbers 44066, 44078 and 44081) which previously held the TSGP and PTMISEA grant funds.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)





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## Agenda Item No. 20

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

AMENDMENT TO CHIEF EXECUTIVE OFFICER EMPLOYMENT AGREEMENT

#### RECOMMENDATION:

That the Board of Directors approve an amendment to the Executive Employment Agreement (EEA) between MTS and Sharon Cooney to provide a merit bonus, one-time annual leave increase, and a three-year contract extension (Attachment A).

#### Budget Impact

The CEO's current salary is \$330,000 plus contractual fringe benefits. No increase to base salary is proposed for the May 14, 2021 to May 13, 2021 contract year. The total discretionary bonus awarded for the past year's performance would be \$25,000 plus a one-time increase of annual leave by 80 hours.

#### DISCUSSION:

On May 14, 2020 (AI 24(b)), the MTS Board of Directors appointed Sharon Cooney as MTS Chief Executive Officer (CEO). On June 18, 2020 (AI 21), the Board approved a two-year EEA, with a term extending from May 14, 2020 to May 13, 2022. The Board is required to give Ms. Cooney notice, at least six months before expiration of the EEA, of the Board's intent to renew, or not renew, the EEA.

At the Board's regular meeting on June 17, 2021, the Board conducted a closed session performance evaluation of Chief Executive Officer Sharon Cooney. The Board also conducted a closed session conference with Board Chair Nathan Fletcher, who acts as the Board's chief negotiator regarding the EEA, to discuss a potential merit increase or other bonus/fringe benefit adjustment for the CEO and the Board's intent to renew or extend the EEA.

Section 4.b of Ms. Cooney's EEA states:



*Performance and Salary Review.* *The Board shall annually review the performance of Cooney. Based upon the Board's evaluation of the specific performance of Cooney, the Board may determine an appropriate salary adjustment and bonus.*

Some highlights of Ms. Cooney's performance achievements include:

- *COVID-19 Pandemic Response.* Managed MTS transit services to ensure the MTS workforce could safely provide service to the community. Restored majority of MTS services to pre-pandemic levels by June 2020.
- *Zero Emission Bus (ZEB) Transition and Rollout Plan Approval.* Submitted MTS Plan in compliance with the California Air Resources Board Innovative Clean Transit (ICT) Rule in September 2020, including a goal to accelerate MTS ZEB purchase beyond the ICT requirements.
- *Security and Passenger Safety Reforms.* Implemented multiple training enhancements starting with additional de-escalation and anti-bias training (June 2020), use of force policy revisions (July 2020), a new fare evasion diversion pilot program (September 2020), conducted an external review of MTS security practices and processes (October through December 2020), and took steps to rapidly shift the culture from one of enforcement to customer service.
- *Preparing for Mid-Coast Trolley Extension.* Oversaw extensive efforts at MTS to be ready to inspect, test, maintain, and operate trolley service on the new 11-mile extension from Old Town Transit Center to University Town Center, including plans to align the bus network with new trolley service, procure and commission new rail cars, make other rail or transit center improvements to accommodate extended Mid-Coast service, and to accept responsibility for new property, facilities, and other infrastructure constructed by SANDAG as part of the Mid-Coast project.
- *Focus on State of Good Repair.* Continued MTS's focus on safety and state of good repair by completing the new federally mandated Public Transportation Agency Safety Plan in July 2020, and undertaking over 20 capital projects focused on safety or state of good repair over the past year.
- *PRONTO Fare System.* The largest project MTS undertook this past year was the implementation of a new fare collection system. Software development was completed in the fall of 2020, and equipment installations began in January 2021. New websites, app, and a robust communication plan were developed to transition MTS's ridership to the new PRONTO system in September 2021.
- *Joint Development Program.* Continued MTS's increased focus on joint development projects at transit centers. The ground lease was finalized and ground broke at the Grantville Trolley station for the market rate (plus 5% affordable) housing developed by Greystar at this location. Also, at this location, MTS worked with affordable housing developer Affirmed on its successful application for funding to support the residential project and \$1.4 million in Grantville station improvements; ground lease execution and ground breaking for Affirmed's Grantville project is expected in November 2021. Exclusive Negotiating Agreements were also executed with Affirmed for two other locations: Beyer Boulevard and Rancho Bernardo. MTS staff is also engaging with other affordable developers as part of the ongoing Surplus Land Act negotiation process for other transit center locations.

- *Stakeholder Engagement Efforts.* Made additional efforts to keep the MTS workforce and our local communities engaged and informed during the pandemic, and to increase community engagement relating to various MTS initiatives over the past year.

In recognition of her exceptional performance, an amendment to Ms. Cooney's EEA (see Attachment A) is proposed to provide:

- A discretionary, one-time \$25,000 contribution to a deferred compensation account designated by Ms. Cooney.
- A one-time additional allocation of 80 hours annual leave.
- A three-year extension of the EEA, to May 13, 2025.

No increase to base salary is proposed for contract year 2.

/S/ Karen Landers

Karen Landers  
General Counsel

Key Staff Contact: Jeff Stumbo, 619.557.4509, [Jeff.Stumbo@sdmts.com](mailto:Jeff.Stumbo@sdmts.com)  
Karen Landers, 619.557.4512, [Karen.Landers@sdmts.com](mailto:Karen.Landers@sdmts.com)

Attachment: A. MTS Doc. No. G2403.1-20 – Proposed Amendment No. 1 to CEO Executive Employment Agreement

July 29, 2021

MTS Doc. No. G2403.1-20

Ms. Sharon Cooney  
Chief Executive Officer  
San Diego Metropolitan Transit System  
1255 Imperial Avenue, Suite 1000  
San Diego, California 92101

Dear Ms. Cooney:

Subject: AMENDMENT 1 TO MTS DOC. NO. G2403.0-20  
EXECUTIVE EMPLOYMENT AGREEMENT (CHIEF EXECUTIVE OFFICER)

This letter shall serve to modify our agreement for professional services pursuant to the Executive Employment Agreement effective May 14, 2020, as set forth below:

A. Changes to Compensation and/or Fringe Benefits:

As a bonus for exceptional performance in contract year 1, modify Exhibit A "Fringe Benefits for Chief Executive Officer" to include the following additional fringe benefits, for contract year 2 (May 14, 2021 to May 13, 2022) only:

- Year 2 Additional Deferred Compensation: One-time contribution of \$25,000.00 to a deferred compensation account as directed by Ms. Cooney.
- Year 2 Additional Annual Leave: One-time distribution of an additional 80 hours of annual leave for Ms. Cooney's use.

B. Extension of Term:

The current term of the Executive Employment Agreement expires on May 13, 2022. By this Amendment No. 1, the agreement shall be extended by three additional years, to May 13, 2025.

If you agree with the above, please sign in the space provided below and return one document marked "Original" to MTS. All other terms and conditions shall remain in effect.

Sincerely,

Accepted:

Nathan Fletcher  
Chair  
MTS Board of Directors

Sharon Cooney  
Chief Executive Officer



Approved as to Form:

By: \_\_\_\_\_  
Karen Landers, General Counsel



1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101-7490  
(619) 231-1466 • FAX (619) 234-3407

## Agenda Item No. 21

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) PROGRAM OF  
PROJECTS FOR FEDERAL FISCAL YEAR (FFY) 2021 FEDERAL TRANSIT  
ADMINISTRATION (FTA) CORONAVIRUS RESPONSE AND RELIEF  
SUPPLEMENTAL APPROPRIATIONS ACT (CRRSAA) SECTION 5311 RURAL AREA  
FORMULA FUNDING

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to file and execute any actions necessary on behalf of MTS with Caltrans and approve Resolution No. 21-09 (Attachment A) authorizing the use of an application for \$888,898.00 of FFY 2021 CRRSAA Section 5311 Rural Area Formula funds for operating assistance in rural areas.

#### Budget Impact

MTS will receive FFY 2021 5311 CRRSAA funds in the amount of \$888,898.00 for rural operating assistance. The 5311 CRRSAA program is 100% Federal Share, with no local match required.

#### DISCUSSION:

The FTA provides funding for capital and operating assistance to agencies providing rural transportation through the Section 5311 Non-Urbanized Area Formula Program. These funds do not come directly to the region but are apportioned to the states. In turn, Caltrans, on behalf of the State of California, reapportions the funds to the region based solely on the regional rural population as a share of the state total rural population. San Diego Association of Governments (SANDAG) allocates the region's funds to both North County Transit District and MTS based on the relative rural population in each service area.



The CRRSAA of 2021 was passed by Congress and signed by the President on December 27, 2020 to continue to support the nation's public transportation systems during the COVID-19 public health emergency. As a result, the FTA is apportioning \$14 billion to assist transit agencies through the pandemic by reimbursing operating deficits as a result from lost fare and sales tax revenues, as well as providing funds for additional eligible expenses related to the COVID-19 prevention. MTS's apportionment of FY 2021 5311 CRRSAA funds is \$888,898.00, which will be utilized in the operating budget to fund rural bus services.

Caltrans requires the submission of a resolution by agency Board of Directors authorizing the submission of a grant application and project programming.

Therefore, staff recommends that the MTS Board of Directors authorize the CEO to file and execute any actions necessary on behalf of MTS with Caltrans and approve Resolution 21-09 (Attachment A) authorizing the use of an application for \$888,898.00 of FFY 2021 CRRSAA Section 5311 Rural Area Formula funds for operating assistance in rural areas.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachment: A. Board Resolution 21-09

SAN DIEGO METROPOLITAN TRANSIT SYSTEM

Resolution No. 21-09

Resolution Authorizing Federal Funding Under Federal Transit Administration (FTA) Section  
5311 CRRSAA  
(49 U.S.C. Section 5311)  
with the California Department of Transportation

WHEREAS, the U.S. Department of Transportation is authorized to make grants to states through the FTA to support capital and operating assistance projects for nonurbanized public transit services under Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA) Section 5311 of the Federal Transit Act (FTA C 9040.1F and FTA C 9050.1); and

WHEREAS, the California Department of Transportation has been designated by the Governor of the State of California to administer CRRSAA Section 5311 grants for transportation projects for the general public for the rural transit and intercity bus; and

WHEREAS, the San Diego Metropolitan Transit System (MTS) desires to apply for said financial assistance to operate rural transit service and support capital improvements in San Diego County; and

WHEREAS, MTS has, to the maximum extent feasible, coordinated and consulted with other transportation providers and users in the region (including social service agencies);

NOW, THEREFORE, BE IT RESOLVED, DETERMINED, AND ORDERED that MTS does hereby authorize the Chief Executive Officer, or designated representative, to file and execute any actions necessary on behalf of MTS with the California Department of Transportation to aid in the financing of operating or capital assistance projects pursuant to CRRSAA Section 5311 of the Federal Transit Act (FTA C 9040.1F and FTA C 9050.1), as amended;

1. The Chief Executive Officer is authorized to execute and file all certification of assurances, contracts or agreements or any other document required by the Department.
2. The Chief Executive Officer is to provide additional information as the Department may require in connection with the application for the CRRSAA Section 5311 projects.
3. The Chief Executive Officer is authorized to submit and approve request for reimbursement of funds from the Department for the CRRSAA Section 5311 project(s).



PASSED AND ADOPTED, by the Board of Directors this 29<sup>th</sup> day of July, 2021 by the following vote:

AYES:

NAYS:

ABSENT:

ABSTAINING:

\_\_\_\_\_  
Chairperson  
San Diego Metropolitan Transit System

Filed by:

Approved as to form:

\_\_\_\_\_  
Clerk of the Board  
San Diego Metropolitan Transit System

\_\_\_\_\_  
Office of the General Counsel  
San Diego Metropolitan Transit System

Resolution No. 21-09



1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101-7490  
(619) 231-1466 • FAX (619) 234-3407

## Agenda Item No. 22

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) PROGRAM OF PROJECTS FOR FEDERAL FISCAL YEAR (FFY) 2020 FEDERAL TRANSIT ADMINISTRATION (FTA) CORONAVIRUS AID, RELIEF, AND ECONOMIC SECURITY (CARES) ACT SECTION 5311 RURAL AREA FORMULA FUNDING

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to file and execute any actions necessary on behalf of MTS with Caltrans and to approve Resolution No. 21-10 (Attachment A) authorizing the use of an application for \$650,716.00 of FFY 2020 CARES Act Section 5311 Rural Area Formula funds for operating assistance in rural areas

#### Budget Impact

MTS will receive FFY 2020, 5311 CARES funds in the amount of \$650,716.00 for rural operating assistance. The 5311 CARES program is 100% Federal Share, with no local match required.

#### DISCUSSION:

The FTA provides funding for capital and operating assistance to agencies providing rural transportation through the Section 5311 Non-Urbanized Area Formula Program. These funds do not come directly to the region, but are apportioned to the states. In turn, Caltrans, on behalf of the State of California, reapportions the funds to the region based solely on the regional rural population as a share of the state total rural population. The San Diego Association of Governments (SANDAG) allocates the region's funds to both North County Transit District (NCTD) and MTS based on the relative rural population in each service area.



The CARES Act was passed by Congress and signed by the President on March 27, 2020 to provide emergency assistance and health care response for individuals, families, agencies, and businesses affected by the COVID-19 pandemic. As a result, the FTA is apportioning \$25 billion to assist transit agencies through the pandemic by reimbursing operating deficits as a result from lost fare and sales tax revenues, as well as providing funds for additional eligible expenses related to the COVID-19 prevention. MTS's apportionment of FY 2020, 5311 CARES funds is \$650,716.00, which will be utilized in the operating budget to fund rural bus services.

Caltrans requires the submission of a resolution by agency Board of Directors authorizing the submission of a grant application and project programming.

Therefore, staff recommends that the MTS Board of Directors authorize the CEO to file and execute any actions necessary on behalf of MTS with Caltrans and to approve Resolution 21-10 (Attachment A) authorizing the use of an application for \$650,716.00 of FFY 2020 CARES Act Section 5311 Rural Area Formula funds for operating assistance in rural areas.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachment: A. Board Resolution 21-10

SAN DIEGO METROPOLITAN TRANSIT SYSTEM

Resolution No. 21-10

Resolution Authorizing Federal Funding Under Federal Transit Administration (FTA) Section  
5311 CARES  
(49 U.S.C. Section 5311)  
with the California Department of Transportation

WHEREAS, the U.S. Department of Transportation is authorized to make grants to states through the FTA to support capital and operating assistance projects for nonurbanized public transit services under Coronavirus Aid, Relief, and Economic Security (CARES) Act Section 5311 of the Federal Transit Act (FTA C 9040.1F and FTA C 9050.1); and

WHEREAS, the California Department of Transportation (Caltrans) has been designated by the Governor of the State of California to administer CARES Act Section 5311 grants for transportation projects for the general public for the rural transit and intercity bus; and

WHEREAS, the San Diego Metropolitan Transit System (MTS) desires to apply for said financial assistance to operate rural transit service and support capital improvements in San Diego County; and

WHEREAS, MTS has, to the maximum extent feasible, coordinated and consulted with other transportation providers and users in the region (including social service agencies);

NOW, THEREFORE, BE IT RESOLVED, DETERMINED, AND ORDERED that MTS does hereby authorize the Chief Executive Officer, or designated representative, to file and execute any actions necessary on behalf of MTS with the California Department of Transportation to aid in the financing of operating or capital assistance projects pursuant to CARES Act Section 5311 of the Federal Transit Act (FTA C 9040.1F and FTA C 9050.1), as amended;

1. The Chief Executive Officer is authorized to execute and file all certification of assurances, contracts or agreements or any other document required by the Department.
2. The Chief Executive Officer is to provide additional information as the Department may require in connection with the application for the CARES Act Section 5311 projects.
3. The Chief Executive Officer is authorized to submit and approve request for reimbursement of funds from the Department for the CARES Act Section 5311 project(s).

PASSED AND ADOPTED, by the Board of Directors this 29<sup>th</sup> day of July, 2021 by the following vote:

AYES:

NAYS:

ABSENT:

ABSTAINING:

\_\_\_\_\_  
Chairperson  
San Diego Metropolitan Transit System

Filed by:

Approved as to form:

\_\_\_\_\_  
Clerk of the Board  
San Diego Metropolitan Transit System

\_\_\_\_\_  
Office of the General Counsel  
San Diego Metropolitan Transit System

Resolution No. 21-10



1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101-7490  
(619) 231-1466 • FAX (619) 234-3407

## Agenda Item No. 23

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

SAN DIEGO AND ARIZONA EASTERN (SD&AE) RAILWAY COMPANY QUARTERLY REPORTS AND RATIFICATION OF ACTIONS TAKEN BY THE SD&AE BOARD OF DIRECTORS AT ITS MEETING ON JULY 13, 2021

#### RECOMMENDATION:

That the Board of Directors receive the San Diego and Imperial Valley Railroad (SD&IV), Pacific Southwest Railway Museum Association (Museum), and Desert Line quarterly reports (Attachment A) for information and ratify actions taken.

#### Budget Impact

None.

#### DISCUSSION:

Pursuant to the Agreement for Operation of Freight Rail Services, SD&IV and Museum, have provided operations quarterly reports (Attachment A).

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachment: A. Copy of Final Meeting Materials from 7/13/2021 SD&AE Meeting





**SAN DIEGO & ARIZONA  
EASTERN RAILWAY  
COMPANY**

A NEVADA NONPROFIT CORPORATION

1255 IMPERIAL AVENUE, SUITE 1000  
SAN DIEGO, CA  
92101-7490  
(619) 231-1466

**BOARD OF DIRECTORS**  
WAYNE TERRY, CHAIRPERSON  
MATT DOMEN  
JARED GOOCH

**OFFICERS**  
SHARON COONEY, PRESIDENT  
MATT DOMEN, SECRETARY  
ERIN DUNN, TREASURER

**LEGAL COUNSEL**  
KAREN LANDERS

# AGENDA

San Diego and Arizona Eastern (SD&AE)  
Railway Company  
Board of Directors Meeting

July 13, 2021

9:00 a.m.

**\*\*Meeting will be held via Zoom\*\***

This information will be made available in alternative formats upon request. To request an agenda in an alternative format, please call the Clerk of the Board at least five working days prior to the meeting to ensure availability. Assistive Listening Devices (ALDs) are available from the Clerk of the Board prior to the meeting and are to be returned at the end of the meeting.

\*Virtual meeting instructions can be accessed by clicking on "Additional Materials" at the following link: <https://www.sdmts.com/about-mts-meetings-and-agendas/sdae>. Click the following link to access the meeting: <https://us02web.zoom.us/j/83777653100>.

**ACTION RECOMMENDED**

- 1. Approval of the Minutes of February 25, 2021 Approve  
Action would approve the SD&AE Railway Company Minutes of February 25, 2021.
- 2. Statement of Railway Finances (Erin Dunn) Informational  
Action would receive a financial report for the period ending June 30, 2021.
- 3. Report on San Diego and Imperial Valley (SD&IV) Railroad Operations (Matt Domen) Informational  
Action would receive a report for information.
- 4. Report on Pacific Southwest Railway Museum (Diana Hyatt) Informational  
Action would receive a report for information.
- 5. Report on the Desert Line (Karen Landers) Informational  
Action would receive a report on the status of the Desert Line Lease and Operating Agreement.
- 6. Summary of SD&AE Documents Issued Since February 25, 2021 (Tim Allison) Informational  
Action would receive a report for information.
- 7. Election to Fill Vacant Board Member Position (Karen Landers) Approve  
Action would forward a recommendation to the MTS Board of Directors to elect David Franklin, Jr. with Genesee and Wyoming as an SD&AE Board member to replace Jared Gooch.
- 8. Board Member Communications
- 9. Public Comments
- 10. Next Meeting Date: October 5, 2021

# MINUTES

## BOARD OF DIRECTORS MEETING OF THE SAN DIEGO & ARIZONA EASTERN RAILWAY COMPANY (Virtual WebEx Meeting)

Thursday, February 25, 2021

A meeting of the Board of Directors of the San Diego & Arizona Eastern (SD&AE) Railway Company, a Nevada corporation, was held at 1255 Imperial Avenue, Suite 1000, San Diego, California 92101, on Thursday, February 25, 2021, at 9:00 a.m.

The following persons, constituting the Board of Directors, were present: Wayne Terry, Matt Domen, and Jared Gooch. Also in attendance:

San Diego Metropolitan Transit System:	Tim Allison, Erin Dunn, Jill Craver
Pacific Southwest Railway Museum:	Diana Hyatt
Baja California Railroad (BJRR):	Manuel Hernandez
Other:	Sheila LeMire

1. Approval of Minutes

Mr. Gooch moved to approve the Minutes of the July 28, 2020, SD&AE Railway Board of Directors meeting. Mr. Terry seconded the motion, and it was unanimously approved.

2. Statement of Railway Finances

Ms. Dunn reviewed Statement of Railway Finances period ending December 31, 2020 (attached to the agenda item).

Action Taken

Informational item only. No action taken.

3. Report on San Diego & Imperial Valley Railroad (SD&IV) Operations

Mr. Gooch reviewed the SD&IV Periodic Report for activities for the 4<sup>th</sup> quarter of 2020 (attached to the agenda item).

Action Taken

Informational item only. No action taken.

4. Report on Pacific Southwest Railway Museum Operations

Ms. Hyatt reviewed the Pacific Southwest Railway Museum (PSRM) report for the third and fourth quarters of 2020 (attached to the agenda item).

Action Taken

Informational item only. No action taken.



SD&AE Railway Company Board Meeting Minutes

5. Report on the Desert Line

Manuel Hernandez gave a verbal report. He stated that there were no accidents and no car crossings.

Action Taken

Informational item only. No action taken.

6. Real Property Matters

Summary of SD&AE Documents Issued Since July 28, 2020

Mr. Allison stated that since the July 28, 2020, SD&AE Railway Company Board of Directors meeting, the documents described below have been processed by staff.

- S200-20-736: Right of Entry Permit to SDG&E to construct an underground conduit on the Coronado Branch at E Street in the City of Chula Vista.
- S200-20-740: Right of Entry Permit to HMS Construction, Inc. to construct at-grade crossing improvements at North Spring Street in the City of La Mesa.
- S200-20-742: Right of Entry Permit to AirX Utility Surveyors, Inc. to perform underground field investigations at Iris Avenue in the City of San Diego.
- S200-21-743: Right of Entry Permit to Michael Baker International to perform field investigations at Moss Street in the City of Chula Vista.
- S200-21-744: Right of Entry Permit to Cass Construction, Inc. to construct a water pipeline at 65<sup>th</sup> Street in the City of San Diego.
- S200-21-745: Right of Entry Permit to Rail Pros, Inc., to perform field investigation in the San Ysidro Yard near Beyer Boulevard in the City of San Diego.
- S200-21-746: Right of Entry Permit to Brad L. Stoner Painter, Inc. to access the right-of-way to paint an adjacent building at Anita Street in the City of Chula Vista.
- S200-21-748: Construction and Maintenance Agreement with the City of La Mesa for the North Spring Street At-Grade Crossing Improvements.
- S200-21-749: Right of Entry Permit to Aguirre & Associates to perform surveys in near Central Avenue and San Miguel in the City of Lemon Grove.
- S200-21-753: Right of Entry Permit to Omega Land Surveying, Inc. to perform surveys south of Palm Avenue in the City of San Diego.

Action Taken

Informational item only. No action taken.

SD&AE Railway Company Board Meeting Minutes

7. Board Member Communications

Mr. Terry reported that after Paul Jablonski passed away last year, Sharon Cooney was named as MTS Chief Executive Officer and she therefore assumed the role of SD&AE President and Chair. At its February 11, 2021, meeting, the MTS Board of Directors appointed Mr. Terry as the primary SD&AE Board Chairperson and Ms. Cooney as the SD&AE President and the alternate Chair.

8. Public Comments

There were no public comments.

9. Next Meeting Date

The next meeting of the SD&AE Railway Company Board of Directors is on Tuesday, April 6, 2021.

10. Adjournment

The meeting was adjourned at 9:12 a.m.

/s/ Wayne Terry  
Chairperson

/s/ Karen Landers  
General Counsel

2021-2-25 SDAE Minutes

## Agenda Item No. 2

San Diego and Arizona Eastern (SD&AE)  
Railway Company  
Board of Directors Meeting

July 13, 2021

**SUBJECT:**

STATEMENT OF RAILWAY FINANCES

**RECOMMENDATION:**

That the SD&AE Railway Company Board of Directors receive a financial report for the period ending June 30, 2021.

Budget Impact

None.

**DISCUSSION:**

Attached are SD&AE's preliminary financial results for the fiscal year ending June 30, 2021. Staff has just started the fiscal year-end close process and will present final year-end numbers at the October 2021 Board meeting.

As of June 30, 2021, revenue is \$3,000 under the current year budget and down \$485,000 from the fiscal year ending June 30, 2020, primarily due to \$500,000 in Desert Line Lease revenue recognized in the previous fiscal year.

Expenses are \$32,000 favorable to budget primarily due to a positive variance in both Outside Services and Risk Management Costs. Compared to the fiscal year ending June 30, 2020, expenses are up \$24,000 primarily due to an increase in Outside Services.

The preliminary Net Income as of June 30, 2021, was \$48,000.

Attachment: SD&AE Operating Statement for period ending June 30, 2021

**SD&AE Operating Statement FY2021**

	FY 2021							FY 2020	
	Q1 Actual	Q2 Actual	Q3 Actual	Q4 Actual	YTD Actual	YTD Budget	Variance	Actuals	Variance
<b>Revenues</b>									
Right of Entry Permits	8,554	17,846	8,614	17,375	52,390	45,000	7,390	38,958	13,432
Lease Income	16,876	19,193	18,974	27,500	82,543	85,000	(2,457)	78,542	4,000
Desert Line Lease	-	-	-	-	-	-	-	500,000	(500,000)
SD&IV 1% Freight Fee	9,000	9,000	9,000	956	27,956	36,000	(8,044)	30,647	(2,691)
<b>Total Revenues</b>	<b>34,430</b>	<b>46,040</b>	<b>36,588</b>	<b>45,831</b>	<b>162,889</b>	<b>166,000</b>	<b>(3,111)</b>	<b>648,147</b>	<b>(485,258)</b>
<b>Expenses</b>									
Personnel Costs	1,841	9,434	7,995	3,662	22,931	25,000	2,069	41,392	18,461
Outside Services	8,984	8,500	11,304	10,992	39,780	50,000	10,220	5,306	(34,474)
Risk Management	9,300	5,026	9,563	8,030	31,919	50,156	18,237	22,661	(9,258)
Misc. Operating Exp	2,966	16,649	-	288	19,902	21,200	1,298	21,464	1,562
<b>Total Expenses</b>	<b>23,090</b>	<b>39,610</b>	<b>28,862</b>	<b>22,971</b>	<b>114,532</b>	<b>146,356</b>	<b>31,824</b>	<b>90,823</b>	<b>(23,709)</b>
<b>Net Income/(Loss)</b>	<b>11,340</b>	<b>6,430</b>	<b>7,726</b>	<b>22,860</b>	<b>48,357</b>	<b>19,644</b>	<b>28,713</b>	<b>557,324</b>	<b>(508,967)</b>

<b>Reserve Balance July 1, 2020</b>	<b>\$448,711</b>
Allocated Interest Earnings - Estimated	10,000
Operating Profit/(Loss) - YTD	48,357
Gain on Sale of Property	188,950
<b>Estimated Reserve Balance as of June 30, 2021</b>	<b>\$696,017</b>

## Agenda Item No. 3

San Diego and Arizona Eastern (SD&AE)  
Railway Company  
Board of Directors Meeting

July 13, 2021

**SUBJECT:**

REPORT ON SAN DIEGO AND IMPERIAL VALLEY (SD&IV) RAILROAD OPERATIONS

**RECOMMENDATION:**

That the SD&AE Board of Directors receive a report for information.

Budget Impact

None.

**DISCUSSION:**

An oral report will be given during the meeting.

Attachment: Periodic Report for the 2nd Quarter of 2021



SD&AE Board  
C/O MTS  
1255 Imperial Avenue, Suite 1000  
San Diego, California 92101

July 1, 2021

## Periodic Report

In accordance with Section 20 of the Agreement for Operational Freight Service and Control through Management of the San Diego and Arizona Eastern Railway Company activities of interest for the 2<sup>nd</sup> Quarter of 2021 are listed as follows:

### 1. Labor

At the end of June 30, 2021, the San Diego & Imperial Railroad had 8 employees:

- 1 General Manager
- 1 Manager - Marketing & Sales
- 1 Office Manager
- 1 Mechanical Manager
- 1 Maintenance of Way Employee
- 3 Train Service Employees

### 2. Marketing

Volume in the 2nd Quarter had a 53% increase as compared to the same quarter in 2020. Traffic terminating on SDIY remained consistent year over year. Bridge traffic into Mexico increased approximately 98%. Production has come back strong from COVID impact last year. Consistent shipments of LPG, agriculture products and steel.

### 3. Reportable Injuries/Environmental

Days through year to date, June 30, 2021, there were no FRA Reportable injuries or Environmental incidents on the SDIV Railroad.

Days FRA Reportable Injury Free: **8682**

### 4. Summary of Freight

	<b>2021</b>	<b>2020</b>	<b>2019</b>
<b>Total rail carloads that moved by SDIY Rail Service in the quarter.</b>	<b>1099</b>	<b>718</b>	<b>1011</b>
<b>Total railroad carloads Terminating/Originating Mexico in the quarter.</b>	<b>766</b>	<b>387</b>	<b>551</b>
<b>Total railroad carloads Terminating/Originating El Cajon, San Diego, National City, San Ysidro, California in the quarter.</b>	<b>333</b>	<b>331</b>	<b>460</b>
<b>Total customers directly served by SDIY in the quarter</b>	<b>9</b>	<b>9</b>	<b>12</b>
<b>Regional Truck trips that SDIY Railroad Service replaced in the quarter</b>	<b>3297</b>	<b>2154</b>	<b>3033</b>

Respectfully,

Matt Domen

General Manager

## Agenda Item No. 4

San Diego and Arizona Eastern (SD&AE)  
Railway Company  
Board of Directors Meeting

July 13, 2021

**SUBJECT:**

REPORT ON PACIFIC SOUTHWEST RAILWAY MUSEUM

**RECOMMENDATION:**

That the SD&AE Board of Directors receive a report for information.

Budget Impact

None.

**DISCUSSION:**

An oral report will be given during the meeting.

Attachment: PSRM Second Quarter Report





# Pacific Southwest Railway Museum

La Mesa Depot 4695 Nebo Drive La Mesa, CA 91941 619-465-7776

July 7, 2021

SD&AE Board  
c/o Metropolitan Transit System  
1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101

Re: First & Second Quarters, 2021

Dear SD&AE Board:

PSRM began the new year closed to the public but was able to re-open, as an outdoor venue on Saturday, February 6, 2021 after being closed since December 6, 2020. PSRM has been open every weekend since that first weekend of February. PSRM has been following the Covid protocols from the CDC, FRA, TSA, State of California and County of San Diego with varying degrees of limitations throughout our operations. It is refreshing to be able to operate as a business once again and reap the benefits of a repealed color tier system. During the first and second quarters of 2021, the Pacific Southwest Railway Museum operated 143 Golden State Trains and 12 Bunny Trains carrying a total of 3,342 passengers. The museum has been open 42 days during these two quarters. There were no FRA reportable accidents or injuries during the first and second quarters of 2021. Earned revenue from SD&AE property was \$58,382.97; our check for \$1,167.66 is enclosed.

PSRM continues to perform all necessary and mandated signal, track and bridge maintenance. In addition to the monthly, quarterly and annual signal inspections, the ten year inspection was recently completed. Electric bills for both signalized crossings are kept current and all maintenance and expenses are solely at PSRM expense. Our Maintenance of Way department continues to perform track maintenance along the Right-of-Way. Additionally, the ROW was recently sprayed from MP 65 to MP 61.7 and another application with pre-emergent is scheduled for the fall. The annual bridge inspection was performed on the bridge at MP 65.3 and bridge inspections and load ratings were performed on two other bridges: the one crossing Highway 94 at MP 60.93 and the bridge at Division, MP 61.1. Once the report is complete, it can be forwarded along if the board desires a copy.

On the other side of the international border, PSRM has been busy hiring a Civil Engineering firm specializing in geotechnical engineering to evaluate and produce a scope of work to remediate the sliding issues at the deep cut formerly known as tunnel 3. Forming political alliances there has been stalled since last month's comprehensive election. However, it is our intent to work diligently towards re-opening the Mexican portion of this railroad and making Campo once again, accessible by rail and connected to the greater national network.

This year more than ever, it is a pleasure to be allowed the opportunity to continue our living history interpretation of railroading in the Pacific Southwest region and an honor to be the caretakers and interpreters of the San Diego & Arizona Railway and its predecessor the San Diego & Arizona Eastern Railway. The invitation is always open to members of this board and their staff, as well as MTS board members to visit us at Campo.

Sincerely,

A handwritten signature in blue ink, appearing to read "Diana Hyatt", with a long horizontal flourish extending to the right.

Diana Hyatt  
President

Enc.

## Agenda Item No. 5

San Diego and Arizona Eastern (SD&AE)  
Railway Company  
Board of Directors Meeting

July 13, 2021

**SUBJECT:**

DESERT LINE STATUS UPDATE

**RECOMMENDATION:**

That the SD&AE Railway Company Board of Directors receive a report on the status of the Desert Line Lease and Operating Agreement.

Budget Impact

None. Revenue from the Desert Line Lease and Operating Agreement is not included in SD&AE budgets unless and until it is received. Therefore, termination of the agreement will not impact the Fiscal Year 2022 Budget.

**DISCUSSION:**

The Desert Line Lease and Operating Agreement (Agreement) between MTS, SD&AE, and Baja California Rail Road (BJRR) requires semi-annual rent payments of \$500,000, which are due on January 1 and July 1 of each year. The last rent payment made by BJRR was received on July 26, 2019. At BJRR's request, MTS agreed to extend the January 1, 2020, payment deadline to January 31, 2020. However, BJRR did not make the payment by the extended deadline.

MTS provided BJRR with additional opportunities to cure this default before June 30, 2020. On July 28, 2020, MTS issued a letter formally terminating the Agreement with BJRR due to BJRR's failure to pay rent. Thereafter, BJRR invoked the dispute resolution procedures under Section 10 of the Agreement. An informal conference between chief executive officers was held on August 14, 2020. On October 6, 2020, MTS triggered the next step in the process: mediation. A mediation session was held on December 7, 2020, which was followed by multiple settlement offers between the parties. Unfortunately, no mutually agreeable resolution could be reached for BJRR to cure its default and stay in good standing under the Agreement. Therefore, after consultation with the MTS Board of Directors, on June 21, 2021, MTS formally terminated the mediation process and reinstated its termination of the Agreement. BJRR is objecting to MTS's termination. Litigation may be necessary to validate MTS's action.

MTS staff's next step is to work to unwind the Agreement, document the condition of the Desert Line, and review options for whether and how to move the Desert Line Project forward.

# Agenda Item No. 6

San Diego and Arizona Eastern (SD&AE)  
Railway Company  
Board of Directors Meeting

July 13, 2021

SUBJECT:

SUMMARY OF SD&AE DOCUMENTS ISSUED SINCE FEBRUARY 25, 2021

RECOMMENDATION:

That the SD&AE Railway Company Board of Directors receive a report for information.

Budget Impact

None.

DISCUSSION:

Since the February 25, 2021, SD&AE Railway Company Board of Directors meeting, the documents described below have been processed by staff.

- S200-21-752: Purchase and Sale Agreement with SLF – Moss Street, LLC, to quitclaim a spur easement at Moss Street in the City of Chula Vista.
- S200-21-754: Easement quitclaim at Moss Street in the City of Chula Vista.
- S200-21-755: Right of Entry Permit to EDM International, Inc. for anchor inspections on behalf of SDG&E at various locations.
- S200-21-756: Right of Entry Permit to Group Delta Consultants to perform soil sampling along the Coronado Branch for the Bayshore Bikeway Segment 5 Project in the City of National City.
- S200-21-757: Right of Entry Permit to VCI Construction to construct underground fiber conduits along Commercial Street at 25<sup>th</sup> Street in the City of San Diego.
- S200-21-758: Right of Entry Permit to Southwest Pipeline & Trenchless Corp. to rehabilitate existing underground sewer pipelines and manholes at 54<sup>th</sup> Street in the City of San Diego.
- S200-21-759: Right of Entry Permit to Kimley-Horn and Associates, Inc. to perform visual inspections at 8<sup>th</sup> Street in the City of National City.
- S200-21-760: Right of Entry Permit to AirX Utility Surveyors, Inc. to perform potholing to locate utilities at 30<sup>th</sup> Street in the City of San Diego.
- S200-21-762: Right of Entry Permit to Southern California Railway Museum to remove a decommissioned traction power substation at F Street in the City of San Diego.
- S200-21-764: Right of Entry Permit to Casa Familiar, Inc. for a 5k walk event at Smythe Crossing in the City of San Diego.

## Agenda Item No. 7

San Diego and Arizona Eastern (SD&AE)  
Railway Company  
Board of Directors Meeting

July 13, 2021

**SUBJECT:**

ELECTION TO FILL BOARD MEMBER POSITION

**RECOMMENDATION:**

That the SD&AE Board of Directors forward a recommendation that the MTS Board of Directors elect David Franklin Jr. with Genesee and Wyoming as an SD&AE Board member to replace Jared Gooch.

Budget Impact

None.

**DISCUSSION:**

MTS acquired the corporate entity known as SD&AE from Southern Pacific Transportation Company in 1979. SD&AE owns certain rights-of-way, physical assets, operating rights, licenses and agreements. Upon this acquisition, MTS contracted with a private freight operator to provide all freight service on the line. In an "Agreement for Operation of Freight Services and Control through Management of SD&AE" dated March 9, 1984, MTS entered into a fifty (50) year agreement with Genesee & Wyoming, Inc.'s predecessor, RailTex, Inc. Under that agreement, MTS agreed that the SD&AE Board of Directors would consist of one member appointed by MTS and two members who are directors or officers of the operating company.

The current operating company under the MTS-SDAE agreement is Genesee & Wyoming, and their subsidiary short-line railroad San Diego & Imperial Valley Railroad (SDIY).

The current SD&AE Board is made up of:

MTS Board Position: Wayne Terry (primary); Sharon Cooney (alternate)

Operating Co Position #1: Matt Domen. General Manager, SDIY

Operating Co Position #2: Jared Gooch, Director of Marketing, Genesee & Wyoming

Genesee & Wyoming desires to replace the Operating Co Position #2, currently held by Jared Gooch, with David Franklin Jr., Regional Assistant VP with Genesee & Wyoming.

Today's action would be to formally forward a recommendation to the MTS Board of Directors that they appoint David Franklin Jr. to replace Jared Gooch on the SD&AE Board, serving in the operating company's second board position.



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## Agenda Item No. 24

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

FISCAL YEAR 2022 TRANSPORTATION DEVELOPMENT ACT CLAIM

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors adopt Resolution Nos. 21-11 (in substantially the same format as Attachment A), 21-12 (in substantially the same format as Attachment B), and 21-13 (in substantially the same format as Attachment C) approving Fiscal Year (FY) 2022 Transportation Development Act Article 4.0, 4.5, and 8.0 claims.

#### Budget Impact

The FY 2022 TDA claims would result in the approval of \$101,321,138 in TDA funds for MTS to be utilized in the FY 2022 operating and capital budgets.

#### DISCUSSION:

The Transportation Development Act (TDA) provides one-quarter percent of the state sales tax for operating and capital support of public transportation systems and non-motorized transportation projects. The San Diego Association of Governments (SANDAG), as the designated Regional Transportation Planning Agency, is responsible for the allocation of TDA funds to the region's cities, the County, and transit operators. At its February 26, 2021, meeting, the SANDAG Board of Directors approved the San Diego County Auditor's estimate of \$101,678,138 for the FY 2022 TDA apportionment.

A Master Memorandum of Understanding (MOU) exists between SANDAG, MTS, and the North County Transit District (NCTD) with respect to the functions and responsibilities transferred to SANDAG as a result of Senate Bill 1703 (Peace, 2003). Pursuant to the MOU, both transit agencies transfer TDA funding to SANDAG annually to pay for the administrative and planning functions that transferred to SANDAG as a result of the consolidation. The MOU is updated as circumstances change. For FY



2022, \$1,989,310 in funding will remain with SANDAG for transferred administrative and planning functions.

TDA allocations are authorized under four separate articles of the law. Article 4 funds are used to provide general public transit services. Article 4.5 funds are designated for community transit services, and pursuant to SANDAG Board Policy No. 027, are allocated within the San Diego region to support paratransit services required by the Americans with Disabilities Act (ADA). Article 8 funds support specialized services such as express bus and ferry services.

A total of \$101,321,138 is estimated to be allocated to MTS for FY 2022. This includes \$94,989,703 in TDA Article 4.0 claims, \$62,473,145 of which will fund operating activities, and the remaining \$32,516,558 will fund the capital improvement program; \$5,095,235 in Article 4.5 claims to fund the MTS Access Paratransit services; and \$1,236,200 in Article 8.0 claims to fund the ferry/commuter express services. Actual revenue for MTS will be dependent on regional TDA sales tax receipts meeting the regional estimate, allowing MTS to receive up to the claimed amounts. If regional revenue does not meet the estimate, MTS could receive less than these claimed amounts.

Therefore, staff recommends that the MTS Board of Directors adopt Resolution Nos. 21-11 (in substantially the same format as Attachment A), 21-12 (in substantially the same format as Attachment B), and 21-13 (in substantially the same format as Attachment C) approving FY 2022 TDA Article 4.0, 4.5, and 8.0 claims allocating \$101,321,138 in TDA revenues for MTS.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachments: A. Resolution No. 21-11  
B. Resolution No. 21-12  
C. Resolution No. 21-13

SAN DIEGO METROPOLITAN TRANSIT SYSTEM

Resolution Number 21-11

Resolution Approving Fiscal Year 2022 Transportation Development Act, Article 4.0

WHEREAS, effective August 10, 2000, the San Diego Metropolitan Transit System (MTS) area consolidated Transportation Development Act (TDA) claim process provides that MTS will be responsible for submitting a single claim for each article of the TDA for all MTS operators; and

WHEREAS, consistent with the intent of consolidating all transit funding for MTS-area operators, the San Diego Association of Governments (SANDAG) approved the MTS FY 2022 TDA claim, and

WHEREAS, MTS and SANDAG Boards must approve any alternate use of said balances differing from that for which they were originally claimed; and

WHEREAS, MTS and SANDAG staffs have analyzed this amendment and found it to be warranted pursuant to Section 6659 of Title 21 of the California Code of Regulations (CCR);

NOW, THEREFORE, BE IT RESOLVED, DETERMINED, AND ORDERED that the MTS Board of Directors does hereby approve the FY 2022 TDA Article 4.0 MTS TDA claim of \$94,989,703; \$62,473,145 of the 4.0 TDA claim will be used for operating activities, and the remaining \$32,516,558 will be used to fund capital.

PASSED AND ADOPTED by the Board of Directors this 29<sup>th</sup> day of July, 2021 by the following vote:

AYES:

NAYS:

ABSENT:

ABSTAINING:

\_\_\_\_\_  
Chairperson  
San Diego Metropolitan Transit System

Filed by:

Approved as to form:

\_\_\_\_\_  
Clerk of the Board  
San Diego Metropolitan Transit System

\_\_\_\_\_  
Office of the General Counsel  
San Diego Metropolitan Transit System

Resolution Number 21-11



SAN DIEGO METROPOLITAN TRANSIT SYSTEM

Resolution Number 21-12

Resolution Approving Fiscal Year 2022 Transportation Development Act, Article 4.5

WHEREAS, effective August 10, 2000, the San Diego Metropolitan Transit System (MTS) area consolidated Transportation Development Act (TDA) claim process provides that MTS will be responsible for submitting a single claim for each article of the TDA for all MTS operators; and

WHEREAS, consistent with the intent of consolidating all transit funding for MTS-area operators, the San Diego Association of Governments (SANDAG) approved the MTS FY 2022 TDA claim, and

WHEREAS, MTS and SANDAG Boards must approve any alternate use of said balances differing from that for which they were originally claimed; and

WHEREAS, MTS and SANDAG staffs have analyzed this amendment and found it to be warranted pursuant to Section 6659 of Title 21 of the California Code of Regulations (CCR);

NOW, THEREFORE, BE IT RESOLVED, DETERMINED, AND ORDERED that the MTS Board of Directors does hereby approve the FY 2022 TDA Article 4.5 MTS TDA claim of \$5,095,235. The allocation will be used to fund the MTS Access Paratransit services.

PASSED AND ADOPTED by the Board of Directors this 29<sup>th</sup> day of July, 2021 by the following vote:

AYES:

NAYS:

ABSENT:

ABSTAINING:

\_\_\_\_\_  
Chairperson  
San Diego Metropolitan Transit System

Filed by:

Approved as to form:

\_\_\_\_\_  
Clerk of the Board  
San Diego Metropolitan Transit System

\_\_\_\_\_  
Office of the General Counsel  
San Diego Metropolitan Transit System

Resolution Number 21-12

SAN DIEGO METROPOLITAN TRANSIT SYSTEM

Resolution Number 21-13

Resolution Approving Fiscal Year 2022 Transportation Development Act, Article 8.0

WHEREAS, effective August 10, 2000, the San Diego Metropolitan Transit System (MTS) area consolidated Transportation Development Act (TDA) claim process provides that MTS will be responsible for submitting a single claim for each article of the TDA for all MTS operators; and

WHEREAS, consistent with the intent of consolidating all transit funding for MTS-area operators, the San Diego Association of Governments (SANDAG) approved the MTS FY 2022 TDA claim, and

WHEREAS, MTS and SANDAG Boards must approve any alternate use of said balances differing from that for which they were originally claimed; and

WHEREAS, MTS and SANDAG staffs have analyzed this amendment and found it to be warranted pursuant to Section 6659 of Title 21 of the California Code of Regulations (CCR);

NOW, THEREFORE, BE IT RESOLVED, DETERMINED, AND ORDERED that the MTS Board of Directors does hereby approve the FY 2022 TDA Article 8.0 MTS TDA claim of \$1,236,200. The allocation will be used to fund the ferry/commuter express services.

PASSED AND ADOPTED by the Board of Directors this 29<sup>th</sup> day of July, 2021 by the following vote:

AYES:

NAYS:

ABSENT:

ABSTAINING:

\_\_\_\_\_  
Chairperson  
San Diego Metropolitan Transit System

Filed by:

Approved as to form:

\_\_\_\_\_  
Clerk of the Board  
San Diego Metropolitan Transit System

\_\_\_\_\_  
Office of the General Counsel  
San Diego Metropolitan Transit System

Resolution Number 21-13



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## Agenda Item No. 25

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

APPROVE FISCAL YEAR 2020-21 STATE TRANSIT ASSISTANCE (STA) CLAIM  
AMENDMENT

#### RECOMMENDATION:

That the San Diego Metropolitan System (MTS) Board of Directors adopt Resolution No. 21-14 (in substantially the same format as Attachment A) approving the Fiscal Year (FY) 2020-21 STA claim amendment.

#### Budget Impact

The FY2020-21 STA claim amendment would result in the approval of \$23,120,205 in FY2020-21 STA funds for MTS to be utilized in the FY 2021 operating and capital budgets, an increase of \$5,698,903 from the original claim amount (\$17,421,302).

#### DISCUSSION:

STA funding comes from the Public Transportation Act (PTA), which derives its revenue from the state sales tax on diesel fuel. STA revenues are pooled at the state level for the purposes of sections 99313 and 99314 of the California Public Utilities Code (PUC). The revenues for sections 99313 and 99314 are then allocated to transportation entities on a quarterly basis. PUC section 99313 allocations are based on the latest available annual population estimates from the Department of Finance. PUC section 99314 allocations are based primarily on qualifying revenues from the Annual Report of Financial Transactions of Transit Operators and Non-Transit Claimants under the Transportation Development Act.

The California State Controller's Office (SCO) projects total sales tax revenues for the coming fiscal year and the resulting STA revenue pool, and then estimates the



allocation to each transportation entity. In August 2020, the SCO projected MTS would receive FY2020-21 STA funding of \$17,421,302.

The August 2020 amount for MTS was based on the overall FY2020-21 Public Transportation Account, State Transportation Fund budget of \$531,371,000. The state's budget was amended in June, and the overall budget in this fund was increased to \$663,091,000. The updated estimate for MTS is \$23,120,205, an increase of \$5,698,903.

State law and MTS Policy No. 20, "Allocation of State Transit Assistance Funds", requires that priority consideration be given to STA claims for the following purposes:

- to enhance existing public transportation services;
- to meet priority regional, county, or area-wide public transportation needs;
- to offset reductions in federal operating assistance and unanticipated increases in fuel costs.

STA revenues have been volatile in the past, and for that reason, the MTS Board has taken a conservative approach to using and programming these funds. Typically, the majority of these revenues are directed into the MTS Capital Improvement Program (CIP). For FY2021, the amount of \$19.0M will be used to fund the MTS CIP. The remainder of \$4.1M will be included in the FY2021 operating budget.

Since these STA revenue allocations are based on sales tax revenue projections, it may be necessary to further revise the STA claim. MTS will claim up to the amount authorized by the attached Board Resolution (Attachment A), and any additional revisions over the amount of this claim will come back to the MTS Board for approval.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachments: A. MTS Resolution No. 21-14  
B. STA budget amendment

SAN DIEGO METROPOLITAN TRANSIT SYSTEM

Resolution No. 21-14

Resolution Approving Amendments to the MTS Area Fiscal Year 2020-21 STA Claim

WHEREAS, the San Diego Metropolitan Transit System (MTS) Board of Directors adopted Resolution No. 20-19 on October 15, 2020, to direct and empower MTS staff to prepare and transmit allocation instructions to the County Auditor to disburse to MTS the Fiscal Year 2020-21 STA amounts totaling \$17,421,302; and

WHEREAS, the State’s overall Public Transportation Account, State Transportation Fund budget for Fiscal year 2020-21 was amended in June from \$531,371,000 to \$663,091,000;

NOW THEREFORE, BE IT RESOLVED, by the MTS Board of Directors, does hereby direct and empower MTS staff to prepare and transmit allocation instructions to the County Auditor to disburse to MTS the Fiscal Year 2020-21 STA amounts up to the amended claim amount of \$23,120,205.

PASSED AND ADOPTED, by the MTS Board of Directors this 29th day of July 2021, by the following vote:

AYES:

NAYES:

ABSENT:

ABSTAINING:

\_\_\_\_\_  
Chairperson  
San Diego Metropolitan Transit System

Filed by:

Approved as to form:

\_\_\_\_\_  
Clerk of the Board  
San Diego Metropolitan Transit System

\_\_\_\_\_  
Office of the General Counsel  
San Diego Metropolitan Transit System

Resolution No. 21-14

**2640 State Transit Assistance**

Att. B, AI 25, 07/29/2021

State Transit Assistance allocates funding through statutory formulas to local transit agencies for operations and capital costs associated with local mass transportation programs.

**3-YEAR EXPENDITURES AND POSITIONS**

	Positions			Expenditures		
	2019-20	2020-21	2021-22	2019-20*	2020-21*	2021-22*
1820 Administration of Transit Programs	-	-	-	\$925,206	\$751,090	\$947,391
<b>TOTALS, POSITIONS AND EXPENDITURES (All Programs)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$925,206</b>	<b>\$751,090</b>	<b>\$947,391</b>
<b>FUNDING</b>				<b>2019-20*</b>	<b>2020-21*</b>	<b>2021-22*</b>
0046 Public Transportation Account, State Transportation Fund				\$778,874	\$663,091	\$786,661
3228 Greenhouse Gas Reduction Fund				146,054	87,999	160,730
6059 Public Transportation Modernization, Improvement and Service Enhancement Account, Highway Safety, Traffic Reduction, Air Quality, and Port Security Fd of 2006				278	-	-
<b>TOTALS, EXPENDITURES, ALL FUNDS</b>				<b>\$925,206</b>	<b>\$751,090</b>	<b>\$947,391</b>

**LEGAL CITATIONS AND AUTHORITY**

## DEPARTMENT AUTHORITY

Public Utilities Code Sections 99312 and 99312.1; Revenue and Taxation Code Sections 6051.8, 6201.8, 7102, and 11052; Government Code Section 29530; Health and Safety Code Section 39719.

**DETAILED BUDGET ADJUSTMENTS**

	2020-21*			2021-22*		
	General Fund	Other Funds	Positions	General Fund	Other Funds	Positions
<b>Workload Budget Adjustments</b>						
<b>Other Workload Budget Adjustments</b>						
• Miscellaneous Baseline Adjustments	\$-	\$128,730	-	\$-	\$242,652	-
• Carryover/Reappropriation	-	-84,492	-	-	55,000	-
<b>Totals, Other Workload Budget Adjustments</b>	<b>\$-</b>	<b>\$44,238</b>	<b>-</b>	<b>\$-</b>	<b>\$297,652</b>	<b>-</b>
<b>Totals, Workload Budget Adjustments</b>	<b>\$-</b>	<b>\$44,238</b>	<b>-</b>	<b>\$-</b>	<b>\$297,652</b>	<b>-</b>
<b>Totals, Budget Adjustments</b>	<b>\$-</b>	<b>\$44,238</b>	<b>-</b>	<b>\$-</b>	<b>\$297,652</b>	<b>-</b>

**PROGRAM DESCRIPTIONS**

## 1820 - ADMINISTRATION OF TRANSIT PROGRAMS

This program provides funds to local agencies for the operation and construction of public mass transit systems.

**DETAILED EXPENDITURES BY PROGRAM**

		2019-20*	2020-21*	2021-22*
<b>PROGRAM REQUIREMENTS</b>				
<b>1820</b>	<b>ADMINISTRATION OF TRANSIT PROGRAMS</b>			
<b>Local Assistance:</b>				
0046	Public Transportation Account, State Transportation Fund	\$778,874	\$663,091	\$786,661
3228	Greenhouse Gas Reduction Fund	146,054	87,999	160,730

\* Dollars in thousands, except in Salary Range. Numbers may not add or match to other statements due to rounding of budget details.

## 2640 State Transit Assistance - Continued

Att. B, AI 25, 07/29/2021

	2019-20*	2020-21*	2021-22*
6059 Public Transportation Modernization, Improvement and Service Enhancement Account, Highway Safety, Traffic Reduction, Air Quality, and Port Security Fd of 2006	278	-	-
<b>Totals, Local Assistance</b>	<b>\$925,206</b>	<b>\$751,090</b>	<b>\$947,391</b>
<b>TOTALS, EXPENDITURES</b>			
Local Assistance	925,206	751,090	947,391
<b>Totals, Expenditures</b>	<b>\$925,206</b>	<b>\$751,090</b>	<b>\$947,391</b>

### EXPENDITURES BY CATEGORY

2 Local Assistance	Expenditures		
	2019-20*	2020-21*	2021-22*
Consulting and Professional Services - Interdepartmental - Other	-\$259	-\$250	-\$270
Grants and Subventions - Governmental	925,465	751,340	947,661
<b>TOTALS, EXPENDITURES, ALL FUNDS (Local Assistance)</b>	<b>\$925,206</b>	<b>\$751,090</b>	<b>\$947,391</b>

### DETAIL OF APPROPRIATIONS AND ADJUSTMENTS

2 LOCAL ASSISTANCE	2019-20*	2020-21*	2021-22*
<b>0046 Public Transportation Account, State Transportation Fund</b>			
APPROPRIATIONS			
Public Utilities Code section 99312.1(a)	\$368,148	\$229,906	\$366,975
Public Transportation Account Allocations for the State Transit Assistance Formula	-	72,071	-
Revenue and Taxation Code section 11053(a)	108,879	117,676	117,489
Public Transportation Account Allocations for the State Transit Assistance Formula	-	-3,609	-
Public Utilities Code section 99312.1(a) per Revenue and Taxation Code section 6051.8(b)	301,847	183,789	302,197
Public Transportation Account Allocations for the State Transit Assistance Formula	-	63,258	-
<b>TOTALS, EXPENDITURES</b>	<b>\$778,874</b>	<b>\$663,091</b>	<b>\$786,661</b>
<b>3228 Greenhouse Gas Reduction Fund</b>			
APPROPRIATIONS			
Health and Safety Code section 39719(b)(1)(B)	\$98,283	\$100,000	\$106,000
Carryover for Health and Safety Code section 39719(b)(1)(B)	81,279	33,249	55,000
Consulting and Professional Services	-259	-250	-270
May Revision Auction Proceed Update for Health and Safety Code section 39719(b)(1)(B)	-	10,000	-
<b>Totals Available</b>	<b>\$179,303</b>	<b>\$142,999</b>	<b>\$160,730</b>
Balance available in subsequent years	-33,249	-55,000	-
<b>TOTALS, EXPENDITURES</b>	<b>\$146,054</b>	<b>\$87,999</b>	<b>\$160,730</b>
<b>6059 Public Transportation Modernization, Improvement and Service Enhancement Account, Highway Safety, Traffic Reduction, Air Quality, and Port Security Fd of 2006</b>			
Prior Year Balances Available:			
Item 2640-104-6059, Budget Act of 2014 as reappropriated by Item 2640-490, Budget Acts of 2016 and 2018	278	-	-
<b>TOTALS, EXPENDITURES</b>	<b>\$278</b>	<b>-</b>	<b>-</b>
<b>Total Expenditures, All Funds, (Local Assistance)</b>	<b>\$925,206</b>	<b>\$751,090</b>	<b>\$947,391</b>

\* Dollars in thousands, except in Salary Range. Numbers may not add or match to other statements due to rounding of budget details.



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## Agenda Item No. 26

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

PROPOSED REVISIONS TO SAN DIEGO METROPOLITAN TRANSIT SYSTEM (MTS)  
POLICY NO. 41 – SIGNATURE AUTHORITY

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors approve the proposed revisions to MTS Policy No. 41 – Signature Authority (Attachment A).

#### Budget Impact

None.

#### DISCUSSION:

MTS Board Policy No. 41, Signature Policy, provides the authority granted by the Board of Directors to the Chief Executive Officer, and to provide the Chief Executive Officer with the authority to delegate functions under his or her control to MTS staff. It also establishes guidelines and procedures for authorized signatories relating to check processing (including wire transfers) and MTS documents (purchase requisitions, contracts, agreements, payment vouchers, deeds, grants, etc.). The policy relates to MTS, San Diego Transit Corporation (SDTC), and San Diego Trolley, Inc. (SDTI). Throughout this policy, the agencies are collectively referred to as MTS.

Today's action would revise MTS Policy No. 41, Section 41.8 (Authorized Signatories for Absences) to add the following provision:

In the General Counsel's absence, the Deputy General Counsel is authorized to execute all checks, purchase requisitions, contracts, and documents within the General





Counsel's authority, subject to any limits set or instructions given by the General Counsel.

Many of the reviews and approvals for the above types of action by the General Counsel are based on review of the legal sufficiency of the proposed action, and confirming the proper processes were followed for the expenditure. The current SAP enterprise resource system sets authorized approvals based on each position's expenditure authority limit. The proposed revision to Policy 41, Section 41.8 is necessary to allow the Deputy General Counsel to be designated as the General Counsel's substitute for these expenditure approvals in the SAP system.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachment: A. Proposed Revisions to Policy No. 41



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# Policies and Procedures

No. 41

Board Approval:  
2/14/2019 7/29/2021

SUBJECT:

SIGNATURE AUTHORITY

PURPOSE:

The purpose of this policy is to establish the authority granted by the Board of Directors to the Chief Executive Officer, and to provide the Chief Executive Officer with the authority to delegate functions under his or her control to MTS staff. It also establishes guidelines and procedures for authorized signatories relating to check processing (including wire transfers) and San Diego Metropolitan Transit System (MTS) documents (purchase requisitions, contracts, agreements, payment vouchers, deeds, grants, etc.). The policies below relate to MTS, San Diego Transit Corporation (SDTC), and San Diego Trolley, Inc. (SDTI). Throughout this policy, the agencies are collectively referred to as MTS.

BACKGROUND:

From time to time, various third parties and agencies seek to verify that individual MTS staff members have the authority to execute documents on behalf of MTS.

MTS maintains a number of checking accounts in various approved financial institutions. To ensure adequate internal controls, signing of checks and execution of wire transfers are restricted to authorized personnel only. This policy establishes guidelines and procedures for obtaining appropriate approval.

In addition, this policy establishes guidelines and procedures for delegating authority to execute MTS documents, including contracts and agreements, on behalf of the Chief Executive Officer in his or her absence.

POLICY:

41.1 Authorized Signatories for Disbursements

A disbursement is the final authorization to pay a third party through either a check, warrant, wire transfer/Electronic Funds Transfer (EFT), Automated Clearing House (ACH) or other similar payment mechanism. Authorized signatures for



disbursements are: the Accounting Manager, Controller, Director of Financial Planning and Analysis, Chief Operating Officer – Bus/Rail, Chief Financial Officer, Chief of Staff, General Counsel, and Chief Executive Officer.

One signature is required for disbursements under \$2,000. This signature can be a facsimile signature. Two signatures are required for all disbursements over \$2,000. One of these can be a facsimile signature. A listing of all facsimile checks must be reviewed and approved by an authorized signer. For disbursements over \$10,000, the second signature SHALL NOT BE the Accounting Manager, Controller, or Director of Financial Planning and Analysis. Disbursements over \$25,000 require that one of the signatures be that of the Chief of Staff, General Counsel, Chief Financial Officer, or Chief Executive Officer.

The listing below summarizes the above as to effective levels of signing authority:

Accounting Manager	To	\$ 10,000
Controller	To	\$ 10,000
Director of Financial Planning & Analysis	To	\$ 10,000
Chief Operating Officer – Bus/Rail	To	\$ 25,000
Chief Financial Officer	Over	\$ 25,000
Chief of Staff	Over	\$ 25,000
General Counsel	Over	\$ 25,000
Chief Executive Officer	Over	\$ 25,000

41.2 Purchase Requisitions

Purchase Requisitions initiate the potential procurement of goods and/or services. Purchase Requisitions define the need for goods and/or services; budget for the goods and/or services; and assign staff time and resources to initiate the procurement of such goods and/or services. Purchase Requisitions do not constitute a commitment or contractual relationship with a Vendor.

Authorized signatures for Purchase Requisitions are Supervisors, Managers, Directors, Chief Operating Officer – Bus/Rail, Chief Financial Officer, Chief of Staff, General Counsel, and Chief Executive Officer.

Manager/Supervisor	To	\$ 3,500
Directors	To	\$ 5,000
Director of Capital Projects	To	\$ 50,000
Chief Operating Officer – Bus/Rail	To	\$ 50,000
Chief Financial Officer	To	\$ 50,000
Chief of Staff	To	\$ 50,000
General Counsel	To	\$ 50,000
Chief Executive Officer	Over	\$ 50,000

41.2.1 Purchase Requisitions for Inventory Items. The signature authority to approve Purchase Requisitions for inventory items is described within MTS Board Policy No. 64, Inventory Controls and Signature Authority.

41.3 Purchase Orders under Existing Contract

Upon completion of the procurement process (i.e. Board of Directors or staff approval of a formal contract pursuant to Section 41.4 of this Policy), the Procurement Manager may execute and transmit Purchase Orders to the vendor to properly manage the funding of multiple year contracts.

41.4 Authorized Signatories on Contracts and Documents

41.4.1 Expense Contracts. Expense contracts are contracts that require MTS to expend funds in return for goods or services. Expense contracts can be issued using various procurement forms, including but not limited to: a formal contract punch-out catalog purchase orders, or vendor agreement forms. All approval levels must be contained within and be consistent with overall Board of Directors approval levels. The approval levels are as follows:

Materials Manager (Punch-Out Catalog Purchase Orders Only)	To	\$ 3,500
Procurement Manager, Senior Procurement Specialist or Principal Contracts Administrator	To	\$ 3,500
Directors	To	\$ 5,000
Director of Capital Projects	To	\$ 50,000
Chief Operating Officer – Bus/Rail	To	\$ 50,000
Chief Financial Officer	To	\$ 50,000
Chief of Staff	To	\$ 50,000
General Counsel	To	\$ 50,000
Chief Executive Officer	Up To	\$ 100,000
Board of Directors	Over	\$ 100,000

41.4.2 Stand-Alone Purchase Orders. Once a Purchase Requisition for the procurement of goods and/or service is approved per Section 41.2 of this Policy or through Board of Directors action, the Procurement Manager or his/her designee will have the authority to execute stand-alone purchase orders so long as the value of the stand-alone purchase order does not exceed the value of the approved Purchase Requisition.

The Chief Executive Officer will implement internal policies and protocols to identify which procurements for goods and/or services are appropriate for the use of a stand-alone purchase order process as opposed to requiring a formal contract subject to heightened review and approval.

41.4.3 Purchase Card. Authorized signatures for Purchase Card transactions are Directors, Chief Operating Officer – Bus/Rail, Chief Financial Officer and Chief Executive Officer. All approvals of Purchase Card transactions must be consistent with MTS’s internal Purchase Card Policy.

41.4.4 Change Orders. A contract change order is a change within the original scope of the contract. Contract change orders costing \$100,000 or less may be approved by the Chief Executive Officer. Contract change orders costing more than \$100,000 may be approved by the Board of Directors. Any change order costing more than \$100,000 that requires immediate approval due to: an emergency involving public safety; liability to MTS; unacceptable delay to the project; or substantial cost increase, shall receive immediate concurrence from the

Chief Executive Officer and report such action to the Board of Directors at its next meeting.

41.4.5 Revenue Contracts. Revenue contracts are contracts that result in payments to MTS for goods, services or real property interests. Examples include group/employer sales contracts (monthly passes/fare revenue), advertising, special event licenses, property leases, right of entry permits or licenses, easements and grant deeds. All revenue contracts may be approved by the Chief Executive Officer. Long-term concession contracts (e.g. bus shelter advertising, naming rights, trolley station concessions) and the sale of real property rights (e.g. easement or fee simple interest) valued over \$100,000 shall be approved by the Board of Directors.

41.4.6 Grants and Memorandums of Understanding. Grants and related documents necessary to obtain local, state and federal funding may be approved by the Chief Executive Officer, Chief Financial Officer, Chief of Staff or General Counsel. Memorandums of Understanding or other agreements documenting an agreed process or program, but not requiring a specific expenditure of MTS funds, may be approved by the Chief Executive Officer. Memorandums of Understanding or other agreements that materially alter the risk or liability MTS has agreed to/is legally obligated to bear, shall be approved by the Board of Directors.

41.4.7 Cost Recovery Agreements. Agreements to undertake certain activities, but which are fully funded by another entity, may be approved by the Chief Executive Officer. Examples include agreements with San Diego Association of Governments establishing the cost-recovery process for *TransNet*-funded transit programs or agreements with North County Transit District to pay its fair share of Regional Fare System (Compass Card) costs.

41.4.8 Real Property Transfer Documents. Subject to the approval limits set forth in this Policy, the Chief Executive Officer is authorized to sign all real property transfer documents, including but not limited to, permits, rights of entry, licenses, leases, deeds, easements, escrow instructions, and certificates of acceptance.

41.4.9 Capital Asset Transfer Documents. Capital Assets may include but are not limited to: revenue vehicles; non-revenue vehicles; equipment; information technology; and furniture. Transfer documentation for Capital Assets may be signed by staff as authorized within MTS Board Policy No. 33, Capital Asset Disposal.

41.4.10 Emergency Procurements. As authorized by Public Utilities Code section 120224.1, the Chief Executive Officer may authorize the purchase of goods or services, including those costing more than \$100,000, if the purchase requires immediate approval to avert or alleviate damage to, or to repair or restore damaged or destroyed property and insure that MTS facilities are available to serve the transportation needs of the general public or to comply with any state or federal regulation with respect to the operation of public transportation services or protecting public safety. The Chief Executive Office shall report such actions to the Board of Directors at its next meeting.

41.5 Changes in Terms and Conditions

Any requested revision to MTS's Terms and Conditions or to accept a Vendor's Terms and Conditions must be approved by the General Counsel.

41.6 Authorized Signatories for Payment of Invoices

41.6.1 Payment of Invoices not associated with Contracts. Payment of invoices not associated with contracts includes, but is not limited to, employee reimbursements, payroll deductions, utility payments, insurance payments, purchase card transactions and claim payments. Authorized signatures for payment of these invoices are Supervisors, Managers, Directors, Chief Operating Officer – Bus/Rail, Chief Financial Officer, Chief of Staff, General Counsel, and Chief Executive Officer.

All approval levels must be contained within and be consistent with overall Board of Directors approval levels. The approval levels are as follows:

Manager/Supervisor	To	\$ 3,500
Directors	To	\$ 5,000
Chief Operating Officer – Bus/Rail	To	\$ 50,000
Chief Financial Officer	To	\$ 50,000
Chief of Staff	To	\$ 50,000
General Counsel	To	\$ 50,000
Chief Executive Officer	Over	\$ 50,000

41.6.2 Payment of Invoices associated with Contracts. Payment of invoices associated with contracts, includes, but is not limited to, formal contracts, stand-alone purchase orders and punch-out catalog purchase orders. The Chief Executive Officer will implement internal policies and protocols to ensure that upon receiving an invoice, the proper rate, price and quantity is being charged before payment is processed. Once payment is processed, the disbursement must then be approved as required by Section 41.1 of this Policy.

41.7 Authorized Signatories for Freight/Shipping and Sales/Other Taxes

The signature authority for the approval and payment of freight/shipping and sales/other taxes is described within MTS Board Policy No. 63, Payments for Freight/Shipping or Sales/Other Taxes Policy.

41.8 Authorized Signatories for Absences

In the Chief Executive Officer's absence, General Counsel, Chief of Staff, Chief Financial Officer or the Chief Executive Officer's designee is authorized to execute all checks, purchase requisitions, contracts, and documents as necessary, subject to any limits set or instructions given by the Chief Executive Officer.

[In the General Counsel's absence, the Deputy General Counsel is authorized to execute all checks, purchase requisitions, contracts, and documents within the General Counsel's authority, subject to any limits set or instructions given by the General Counsel.](#)

In the Procurement Manager's absence, the Chief Financial Officer, the General Counsel, the Director of Financial Planning and Analysis, or the Controller is authorized to execute Expense Contracts falling within the Procurement Manager's signature authority.

In the Clerk of the Board's absence, the Assistant Clerk of the Board is authorized to execute documents as may be required to certify actions of the Board of Directors.

41.9 Electronic Signature

Any signature authorized within this Policy may be provided electronically through an automated system (e.g. SAP system).

Upon receipt of approval from the Board of Directors for any Expense Contract over \$100,000, the Chief Executive Officer or his or her designee shall have the authority to provide the electronic approval within an automated system for the Board of Directors when applicable.

This original Policy was adopted on 2/13/1992.

Policy revised on 8/11/1994.

Policy revised on 1/29/2004.

Policy revised on 2/23/2006.

Policy revised on 11/18/2010.

Policy revised on 11/14/2013.

Policy revised on 03/20/2014.

Policy revised on 10/29/2015

Policy revised on 12/8/2016.

Policy revised on 2/14/2019.

[Policy revised on 7/29/2021 \(section 41.8\)](#)



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## Agenda Item No. 27

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

ADDITIONAL STAFFING – ONE (1) ASSISTANT SYSTEM SAFETY MANAGER, AND ONE (1) ASSISTANT MANAGER OF FIELD OPERATIONS

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to add one (1) Assistant System Safety Manager and one (1) Assistant Manager of Field Operations to the position tables previously approved in the Fiscal Year 2022 budget.

#### Budget Impact

Total annual cost (wage and benefits) of approximately \$231,000. The Assistant System Safety Manager will be in Salary Grade #8 (\$56,557 to \$105,132). The Assistant Manager of Field Operations will be in Salary Grade #7 (\$50,383 to \$90,635).

The Mid-Coast Trolley Project operational costs are funded by *TransNet* through SANDAG.

#### DISCUSSION:

The Mid-Coast Trolley Project is an 11-mile extension of the MTS Trolley UC San Diego Blue Line, starting from the Old Town Transit Center and running north to the University Town Center (UTC) area, with nine (9) new stations in between. Heavy civil construction for the Mid-Coast Trolley Project started in the fall of 2016 and the extension is scheduled to open to the public for revenue service on November 21, 2021.

The cost of the Mid-Coast Trolley Project is \$2.171 billion, including financing costs. Fifty-two percent of the cost is funded with local *TransNet* sales tax funds and forty-eight percent is funded with Federal Transit Administration (FTA) Full Funding Grant Agreement (FFGA) funds. The FTA's FFGA was approved on September 14, 2016.





The Mid-Coast Trolley Project will greatly expand San Diego Trolley, Inc. (SDTI) operations and will require the hiring of approximately 85 additional positions, which have already been approved by the Board.

Two additional positions have been identified as necessary for MTS to maintain safe operations on the expanded transit system. Today's proposed action would authorize the CEO to create these additional full-time employment positions, and to fund them in the fiscal year 2022 budget:

Assistant System Safety Manager – MTS Rail

The Assistant System Safety Manager will provide support in the development, implementation, oversight and growth in accordance with established internal agency Safety Management Systems (SMS) processes and programs, as defined in the MTS-Rail Agency Safety Plan and State and Federal regulatory requirements. The responsibilities of this classification/designation will include working with department heads to manage, oversee and direct safety efforts with the goal of improving passenger and employee safety; mitigation of loss and risk to transit resources.

Assistant Manager of Field Operations – Transit Security and Passenger Safety Department

The Assistant Manager of Field Operations will supervise and direct the work of all Code Compliance Supervisors and staff, manages the workflow and schedule of department activities, coordinate all joint field-enforcement efforts with contractual security staff. In addition, this position will coordinate and collaborate with various internal and external stakeholders on matters affecting security, code compliance and transit enforcement.

Draft Position Descriptions outlining the detailed list of duties and responsibilities for each position are attached.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachments: A. Assistant System Safety Manager Position Description  
B. Assistant Manager of Field Operations Position Description



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**METROPOLITAN TRANSIT SYSTEM (MTS RAIL)  
POSITION DESCRIPTION**

**TITLE:** Assistant System Safety Manager  
**DEPARTMENT:** Executive  
**REPORTS TO:** System Safety Manager - MTS Rail  
**FLSA JOB STATUS:** Exempt

Maintaining efficiency and economy in operations management requires flexibility in job assignments. While each employee shall have a primary responsibility for the job in which that employee has been hired or later promoted, each employee may be expected to perform other jobs from time to time.

**SUMMARY:**

Under the direction of the System Safety Manager of MTS Rail, the Assistant System Safety Manager will provide support in the development, implementation, oversight and growth in accordance with established internal agency Safety Management Systems (SMS) processes and programs, as defined in the MTS-Rail Agency Safety Plan, in compliance with both State and Federal regulatory requirements. The System Safety Manager will have the authority to designate the Assistant System Safety Manager to act on their behalf in cases, such as leave due to work related travel or personal time-off (i.e. vacation, illness, etc.). The responsibilities of this classification/designation will include working with department heads to manage, oversee and direct safety efforts with the goal of improving passenger and employee safety; mitigation of loss and risk to transit resources. Essential duties include, but are not limited to, assisting with the following:

**EXAMPLE OF DUTIES:**

Essential Functions

- Coordinates and monitors all activities throughout the system relating to the development, implementation, audit, inspection and analysis of safety programs and issues.
- Ensures regulatory compliance with all MTS Rail safety programs, including, but not limited to, Federal Transit Administration (FTA), Federal Rail Administration (FRA) and California Public Utilities Commission (CPUC) requirements.
- Develops goals, directives and standard operating procedures for improved safety performance within established guidelines.
- Assists department heads in the investigation of all accidents and safety-related incidents on the system, performs hazard analysis, generates conclusive reports and makes recommendations to reduce or eliminate the potential for recurrence.
- Assist with incident notification and reporting to regulatory agencies.



- Co-Chairs MTS Rail Safety Committee.
- Represents MTS Rail on the Rail Operations and Regulatory (ROAR) Committee.
- Supports in the coordination of safety certification processes in association with rail transit projects.
- Annual review, modification and submittal of the agency Public Transportation Agency Safety Plan (PTASP), per FTA 49 CFR Part 673 and CPUC General Order 164-E guidelines to assure compliance with standards for Rail Transit Agencies and Rail Fixed Guideway Systems.
- Supports in administering the hazard management program, including the identification, tracking and resolution/mitigation of system hazards.
- Assist with conducting Internal Safety and Security Audits, inspections and assessments. Oversees coordination and independent audit appraisal of safety activity in all departments.
- Coordinates CPUC Triennial Safety and Security Audits, including scheduling and corrective action plan development and tracking.
- Identifies safety training needs and develops programs to increase safety performance
- Identifies system safety program concerns, researches alternative safety program/risk methodology and recommends viable solutions.
- Develops and maintains safety data, information and related material relative to overall system safety performance such as personal injuries, accidents/incidents/emergency brake applications.
- Analyzes and interprets governmental and regulatory documents such as Codes of Federal Regulations and CPUC General Orders.
- Manages Agency emergency preparedness program, including drills, exercise and training of in-house staff. This program also includes training, familiarization and review of emergency procedures and protocols with external emergency response agencies, such as local police and sheriff's departments, fire and paramedics.

**Duties May Include, But Are Not Limited To, The Following:**

- Performs other duties as may be assigned.

**QUALIFICATIONS:**

**Knowledge, Skills and Abilities**

Knowledge of or ability to learn, interpret and implement MTS and San Diego Trolley, Inc. policies and regulations; ability to write letters, memoranda, and reports using clear, concise and grammatically correct English; ability to speak clearly, distinctly and effectively in person-to-person or small group situations using tact and diplomacy; ability to coordinate and initiate actions necessary to implement decisions and delegate responsibilities to appropriate personnel; ability to establish and maintain priorities in order to complete assignments by deadlines without detailed instructions; skill in verifying the accuracy and completeness of forms and reports; working knowledge of federal, state and local regulations with respect to systems and operational safety, as well as industrial and fire/life safety; skill in conducting safety audits, accident investigation and hazard resolution; knowledge of Microsoft Word and Excel with the ability to learn and use other software that MTS might have or acquire.

### **Physical Requirements**

The successful candidate must be able to fulfill the physical demands of the job such as walking, stooping, sitting, bending, reaching overhead and occasional lifting (must be able to lift up to 15 pounds). Must be able operate motor vehicle and to perform tasks involving manual dexterity, such as use of a computer and general office equipment. Since the System Safety Manager or designee acting on their behalf is on call for emergency response at all times, work may at times require more than 8 hours per day or require irregular hours to perform the essential duties of the position. Duties will be performed primarily in an office type environment with field presence during significant special operational activities. May require travel between agency locations and to external agencies.

### **Experience/Education/Certificates/License(s)**

Possess bachelor's degree from an accredited college or university in Public Administration, Safety, or related field is preferred. Specialized training and skill in the areas of accident investigation, system safety and emergency management, preferably in rail, with a minimum of five years of progressively responsible experience. Possess excellent knowledge of Federal, State and local safety regulations and standards, including those regulations applicable to Hazardous Communications/Bloodborne Pathogens training programs. A combination of education and applicable experience may be considered. Must possess and maintain a valid California driver's license.

The successful candidate will be required as a condition of employment to comply with FTA training requirements as set forth 49 CFR Part 672 by enrolling in the Public Transportation Safety Certification Training Program (PTSCP) and must successfully complete the training courses within the three-year timeframe as prescribed by the FTA.

### **GENERAL:**

Must satisfactorily pass all applicable examinations including, but not limited to, a pre-employment physical, drug screen and background check.

### **SALARY GRADE:**

# 8 (\$56,557- \$105,132)

***DISCLAIMER:** The above described job elements are intended to indicate the general nature and levels of work being performed by employees assigned to the job. They are not intended to be an exhaustive list of duties, responsibilities and skills required of employees so classified. Management retains the discretion to add to or change the duties of the position at any time.*



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**METROPOLITAN TRANSIT SYSTEM  
POSITION DESCRIPTION**

**TITLE:** Assistant Manager of Field Operations  
**DEPARTMENT:** Transit Security and Passenger Safety  
**REPORTS TO:** Manager of Field Operations- Transit Security and Passenger Safety  
**FLSA JOB STATUS:** Exempt

Maintaining efficiency and economy in operations management requires flexibility in job assignments. While each employee shall have a primary responsibility for the job in which that employee has been hired or later promoted to, each employee may be expected to perform other jobs from time to time.

**SUMMARY:**

The Assistant Manager of Field Operations – Transit Security and Passenger Safety supervises and directs the work of all Code Compliance Supervisors and staff, manages the workflow and schedule of department activities, coordinates all joint field-enforcement efforts with contractual security staff. The Assistant Manager of Field Operations – Transit Security and Passenger Safety works under the direction of the Manager of Field Operations – Transit Security and Passenger Safety and coordinates and collaborates with various internal and external stakeholders on matters affecting security, code compliance and transit enforcement. Essential duties include, but are not limited to, the following:

**EXAMPLE OF DUTIES:**

**Essential Functions**

- Supervises and directs the work of all Code Compliance Supervisors and staff, conducts detailed performance evaluations and provides high-level assistance for any escalated issues.
- Assesses the performance of Code Compliance Supervisors.
- Manages the workflow and preparation of department activities, including special operations and/or details.
- Coordinates all joint field-enforcement efforts with contracted security staff to ensure appropriate security for MTS operations.
- Manages all MTS field operations.



Assistant Manager of Field Operations

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- Effectively communicates security expectations and operational requirements to both Transit Security and Passenger Safety Department employees and contracted security personnel.
- Briefs the Director, Deputy Director and Manager of Field Operations – Transit Security and Passenger Safety on daily activities, personnel matters and any ongoing or outstanding issues.
- Supervises administrative tasks associated with the department and reviews all reports, arrests and data entry with respect to field work, written warnings, daily logs, parking citations, impounds, court, etc.
- Reviews SANDAG pass counts, monthly activity reports and statistics.
- Holds regular meetings with supervisory staff and attends internal and external meetings as required.
- Coordinates and collaborates with various internal and external stakeholders, including local law enforcement agencies, on matters affecting code compliance and transit enforcement.
- Represents MTS at community outreach events in a positive and professional manner.

**Duties May Include, But Are Not Limited To, The Following:**

- Performs other duties as assigned.

**QUALIFICATIONS:****Knowledge, Skills and Abilities**

Knowledge of or ability to learn MTS policies and regulations; ability to read, understand and apply MTS policies, regulations and union labor contracts; ability to write letters, memoranda and reports using clear, concise and grammatically correct English; ability to speak clearly, distinctly and effectively in person-to-person or small group situations using tact and diplomacy; ability to coordinate and initiate actions necessary to implement decisions and delegate responsibilities to appropriate personnel; skill in effectively supervising subordinates in order to achieve company goals; ability to establish and maintain priorities in order to complete assignments by deadlines without detailed instructions; skill in verifying the accuracy and completeness of forms and reports; knowledge of Microsoft Word and Excel and the ability to learn and use other software that MTS might have or acquire; ability to utilize graphics programs to develop and create forms, manuals, graphs, etc. for the purpose of presenting, tracking and preparing reports; ability to use 2-way and police radios to communicate; knowledge of or ability to learn eForce, the in-house computerized database program.

**Physical Requirements**

The successful candidate must be able to fulfill the physical demands of the job such as walking, stooping, sitting, bending, reaching for overhead files and occasional lifting (must be able to lift up to 15 pounds). Must be able to operate a motor vehicle and perform tasks involving manual dexterity, such as use of a computer and 10-key. Work will at times require more than 8 hours per day or an irregular work week to perform the essential duties of the position. Duties will be performed in both office and field environments and may require travel to external locations and agencies.

Assistant Manager of Field Operations

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**Experience/Education/Certificates/License(s)**

A bachelor's degree or an advanced degree in Criminal Justice or related field is desired. Requisite knowledge, skills and abilities may be substituted for the degree requirement. A minimum of three years of experience in a supervisor role is required. Must possess and maintain a valid California driver's license.

**GENERAL:**

Must satisfactorily pass all applicable examinations including, but not limited to, a pre-employment physical, drug screen and background check.

**SALARY GRADE:**

#7 (\$50,383 to \$90,635)

***DISCLAIMER:** The above described job elements are intended to indicate the general nature and levels of work being performed by employees assigned to the job. They are not intended to be an exhaustive list of duties, responsibilities and skills required of employees so classified. Management retains the discretion to add to or change the duties of the position at any time.*



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## Agenda Item No. 30

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

SECURITY SERVICES – CONTRACT AWARD (AL STIEHLER, SAM ELMER, LARRY MARINESI)

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. G2359.0-20 with Inter-Con Security Services, for the provision of Security Services for three (3) base years with an option to extend for an additional two (2) years in the amount of \$66,004,286 (Attachment A).

#### Public Security Committee Recommendation

At its June 11, 2021 meeting, the Public Security Committee voted 5 to 0 (Board Members Aguirre, Elo-Rivera, Galvez, Hall, and Whitburn in favor with Montgomery Steppe absent) to recommend that the Board approve the staff recommendation.

#### Budget Impact

The amount for the three base years is \$38,438,349.00, and option years 4 and 5 are \$27,565,937.00, for a not to exceed total of \$66,004,286.00. The project will be funded by the MTS Security department's annual operating budget.

#### DISCUSSION:

MTS provides uniformed security personnel at various locations throughout MTS's service area to provide a safe environment for patrons and employees alike. These security personnel have the capability to respond to disturbances and emergencies affecting both trolley and bus services within the MTS service area.





A high-quality security team offers a physical presence serving as a visual and physical deterrent to suspicious and illegal behavior including assault, vandalism and graffiti activities as well as ambassadors of goodwill to MTS passengers.

Security personnel also work closely with MTS Code Compliance Inspectors to conduct fare inspections, which have proved effective in keeping the fare evasion rate at just over 3%. MTS has a current contract with Allied Universal, and the current contract terminates on December 31, 2021.

On June 6, 2020, MTS issued a Request for Proposals. Seven proposals were received by the due date of October 6, 2020 from the following:

1. Allied Universal Security Services
2. AllState Security Services, Inc.
3. American Guard Services, Inc.
4. Contact Security, Inc.
5. Inter-Con Security
6. Securitas Security Services
7. Starblast Corporation

Six proposals were deemed responsive and responsible and were evaluated by a committee comprised of representatives from MTS Security, MTS Finance, San Diego Trolley Inc., and the General Counsel's Office. The Starblast proposal was deemed non-responsive for an incomplete proposal submittal. The proposals were evaluated on the following:

1. Qualifications of the Firm or Individual	20%
2. Staffing, Organization, and Management Plan	15%
3. Work Plan	25%
4. Cost/Price	<u>40%</u>
Total	100%

The following table illustrates the total scores and ranking of each:

PROPOSER	TOTAL AVG. TECH. SCORE	INITIAL PRICE PROPOSAL	COST SCORE	TOTAL AVG SCORE Total Possible: 100	RANKING
Allied Universal	53.00	\$64,252,013	32.28	85.28	1
AllState Security	29.80	\$51,855,144	40.00	69.80	3
American Guard	31.90	\$76,048,743	27.27	59.17	5
Contact Security	25.00	\$67,295,577	25.00	55.82	6
Inter-Con Security	37.00	\$58,335,379	35.56	72.56	2
Securitas	39.60	\$84,018,912	24.69	64.29	4

After the initial review, the evaluation panel determined that additional clarifications and an interview should be held with the three firms that were within a competitive range. The three firms invited to participate in the interview process were; Allied Universal, Inter-Con Security and Securitas. Although AllState was ranked in the top three largely because of their low cost, their proposal was technically inferior and they were not invited to participate. Interviews were held on August 18, 2020 and after the interviews

the evaluation committee determined that only two firms remained competitive, Allied Universal and Inter-Con, and a site visit would be necessary to best understand the difference between the firms.

Site visits were initially scheduled for December; however, they were postponed due to the impacts of COVID-19. In March of 2021, the evaluation committee was finally able to conduct the scheduled site visits at the Allied Universal and Inter-Con Security's offices. At the end of these visits the evaluation team rescored the remaining proposers as follows:

PROPOSER	TOTAL AVG. TECH. SCORE	INITIAL PRICE PROPOSAL	COST SCORE	TOTAL AVG SCORE Total Possible: 100	RANKING
Allied Universal	41.20	\$64,252,013	32.28	73.48	2
Inter-Con Security	46.60	\$58,335,379	35.56	82.16	1
Securitas	39.60	\$84,018,912	24.69	64.29	3

The Evaluation Committee then determined that MTS should request additional clarifications and a Best and Final Offer (BAFO) from both Allied Universal and Inter-Con Security. The BAFO's were received on April 16, 2021 and the evaluation committee selected to begin negotiations with Inter-Con Security.

Inter-Con Security was selected because of the following:

- High retention employee rate amongst their current personnel at over 90% when transitioning contracts, which ensures a fully-staffed and trained workforce.
- Strong management team and back office support.
- Recruiting and training process that is thoughtful and well designed, and includes all training included in the RFP. Their use of technology to track training and certifications is visible to MTS with direct access to the system. They also propose a Total Quality Management (TQM) process to ensure all training is preformed properly.
- Strong use of technology that is highly visible to MTS staff which have system access.
- Thirty-seven (37) years in business working for both federal and state government entities in highly trained, highly visible posts.
- Very strong transition plan with an experienced team.
- Commitment to work in partnership with MTS on future reform and training efforts.

MTS staff met with Inter-Con Security on May 6, 2021 to review contract pricing in relation to the current security service employee pay, upcoming State mandated minimum wage increases and with the goal of retaining many of the existing employees now and in the future. MTS staff determined that the Inter-Con proposed rates should be increased in order to meet these goals.

Based on the objectives of this procurement, consideration of the evaluation criteria and Inter-Con Security's technical and price proposals, the evaluation team determined that Inter-Con Security presented the best overall value to MTS.

On May 27, 2021, MTS staff received a protest from Allied Universal, the current security services provider, which claimed that MTS did not follow the terms of the RFP and created an unfair review process. MTS staff responded to this protest on June 3, 2021 and explained the nature of the solicitation process and that MTS is seeking the best value for the agency and our riders. Allied Universal requested a reconsideration of the protest decision on June 8, 2021. The CEO responded to this request on June 10, 2021 and upheld the initial protest denial. Allied Universal sought no further action and the protest was completed on June 17, 2021.

Therefore, staff recommends that the MTS Board of Directors authorize the CEO to execute MTS Doc. No. G2359.0-20 with Inter-Con Security Services, for the provision of Security Services for three (3) base years with an option to extend for an additional two (2) years in the amount of \$66,004,286 (Attachment A).

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachment: A. Cost Breakdown

San Diego Metropolitan Transit System  
 MTS Security Services Request for Proposals G2359.0-20

Att. A, AI 30, 07/29/2021

Category	Year 1		Year 2		Year 3		Year 4		Year 5	
	FTE's	Billable Amount	FTE's	Billable Amount	FTE's	Billable Amount	FTE's	Billable Amount	FTE's	Billable Amount
Armed Security Officer Totals	96.00	5,893,922.92	96.00	6,068,972.43	96.00	6,249,220.91	96.00	6,434,822.77	96.00	6,625,937.00
Armed Lieutenant (Mid-level Managers) Totals	3.00	257,859.13	3.00	265,517.54	3.00	273,403.41	3.00	281,523.50	3.00	289,884.74
Armed Sergeant (Supervisors) Totals	13.00	897,902.32	13.00	924,570.02	13.00	952,029.75	13.00	980,305.03	13.00	1,009,420.09
Unarmed Officer Totals	61.00	2,996,077.48	61.00	3,085,060.98	61.00	3,176,687.29	61.00	3,271,034.91	61.00	3,368,184.64
Dispatch / CCTV Officer (Non-Lieutenant) Totals	11.00	575,578.41	11.00	592,673.09	11.00	610,275.48	11.00	628,400.66	11.00	647,064.16
Armed Captain (On-site Manager) Totals	1.00	132,828.15	1.00	136,773.14	1.00	140,835.31	1.00	145,018.12	1.00	149,325.15
Administration Totals	4.00	306,975.15	4.00	316,092.31	4.00	325,480.26	4.00	335,147.02	4.00	345,100.89
Trainer Totals	1.00	85,953.04	1.00	88,505.85	1.00	91,134.47	1.00	93,841.17	1.00	96,628.25
Special Event Staff	-	221,376.31	-	227,951.19	-	234,721.34	-	241,692.56	-	248,870.83
Total Base Services	190	\$ 11,368,472.91	190	\$ 11,706,116.55	190	\$ 12,053,788.22	190	\$ 12,411,785.73	190	\$ 12,780,415.76
Overtime Hours	20,966	851,902	20,966	877,204	20,966	903,257	20,966	930,083	20,966	957,707
Adjusted FTEs	200	12,220,375	200	12,583,320	200	12,957,045	200	13,341,869	200	13,738,122
<b>Fixed Costs</b>										
Equipment Totals		\$ 60,581		\$ 62,380		\$ 64,233		\$ 66,141		\$ 68,105
Auto Insurance Totals		63,188		65,065		66,997		68,987		71,036
Fixed Costs - Other		41,552		42,787		44,057		45,366		46,713
Profit Total		53,971		55,574		57,224		58,924		60,674
Totals		\$ 12,439,667		\$ 12,809,125		\$ 13,189,556		\$ 13,581,286		\$ 13,984,651
<b>Total Hours</b>	<b>416,166</b>		<b>416,166.40</b>		<b>416,166</b>		<b>416,166</b>		<b>416,166</b>	
<b>Hours Per Employee</b>	<b>2,190.35</b>		<b>2,190.35</b>		<b>2,190.35</b>		<b>2,190.35</b>		<b>2,190.35</b>	
<b>Increase Year over Year</b>		<b>0.0%</b>		<b>3.0%</b>		<b>3.0%</b>		<b>3.0%</b>		<b>3.0%</b>
<b>Average Wage</b>		<b>28.77</b>		<b>29.62</b>		<b>30.50</b>		<b>31.41</b>		<b>32.34</b>
Increase in Average Wage		0.0%		3.0%		3.0%		3.0%		3.0%
<b>Total Contract Cost (5 years)</b>				<b>\$ 66,004,286</b>						

# Recommend for Contract Award

## Contracted Security Services Inter-Con Security

MTS Board of Directors  
July 29, 2021

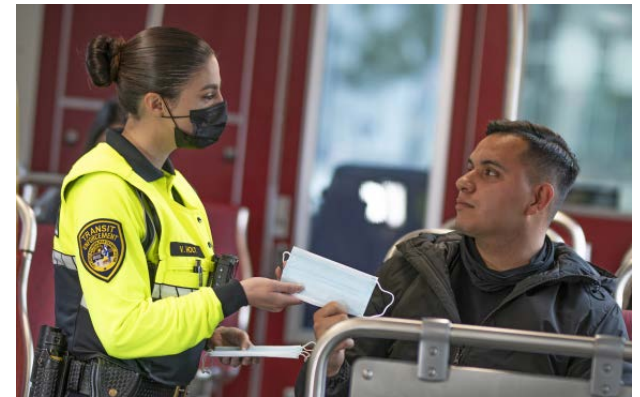
# Security Services

- MTS currently provides security services for all trolley vehicles and stations, busses, as well as all SDMTS properties and right of way
- Mix of MTS employees (CCI) and contracted services
- Including Mid-Coast the MTS Service area covers 570 square miles, 62 stations, 65 miles of rail
- The Transit Security and Passenger Safety Department is staffed by 10 management and administrative staff which manages 72 CCI's 15 CCI supervisors and 190 contracted security personnel



# Recent Updates to Security Service Protocols

- New uniforms
- New Training requirements
  - Biased Based Policing
  - De-escalation
  - Psychological Emergency Response Team (PERT) training
    - Mental Health/ First Aid Training
- Bus Enforcement Support Team
- Fare Diversion program
- Nalaxone (NARCAN) nasal spray



# Current Contract



- MTS entered into a contract with Allied Universal in 2016
- Onsite services managed by a Captain, 4 Lieutenants, 13 Sergeants.
- Contract provides 90 armed guards
- Contract provides 60 unarmed guards
- Contract expires 12/31/2021



# Solicitation

- On June 6, 2019, MTS issued a Request for Proposals (RFP) to solicit proposals from interested firms to provide security services.
- On October 6, 2021, MTS staff received 7 proposals from potential security firms
- One firm, Starburst, was deemed non-responsive
- Evaluation committee met to review and evaluate proposals

# Evaluation Criteria

- The evaluation committee reviewed the proposals with the following criteria:
  - Qualification of the Firm or Individual (20%)
    - Technical experience, strength and stability of the firm, references
  - Staffing, Organization, Management Plan (15%)
    - Qualifications of proposed staff, level of involvement of key personnel, staffing plan, division of work
  - Work plan (25%)
    - Contractor's understand of Scope of Work, proposed technology, ability to meet services as described.
  - Cost (40%)
    - Reasonableness of the cost, competitiveness of the proposed price in comparison with other offerors and the Independent Cost Estimate (ICE).

# Initial Scoring

- The initial scoring for the proposals was as follows:

PROPOSER	TOTAL AVG. TECH. SCORE	INITIAL PRICE PROPOSAL	COST SCORE	TOTAL AVG SCORE Total Possible: 100	RANKING
Allied Universal	53.00	\$64,252,013	32.28	85.28	1
Inter-Con Security	37.00	\$58,335,379	35.56	72.56	2
AllState Security	29.80	\$51,855,144	40.00	69.80	3
Securitas	39.60	\$84,018,912	24.69	64.29	4
American Guard	31.90	\$76,048,743	27.27	59.17	5
Contact Security	25.00	\$67,295,577	25.00	55.82	6

# Clarifications, Interviews, Site Visits

- The evaluation determined that the following firms be invited to submit clarifications and participate in an on-site interview:
  - Allied Universal
  - Inter-Con
  - Securitas
- Interviews were held on August 18, 2020 and after the interviews the evaluation committee determined that only two firms should continue in the evaluation process: Allied Universal and Inter-Con.
- Additional clarifications and site visits were scheduled and then postponed due to COVID-19
- Site visits were rescheduled and held on March 17, 2021 and March 18, 2021
- After the site visits and review of clarifications the evaluation Committee scored the shortlisted proposers as follows:

# Updated Scoring

PROPOSER	TOTAL AVG. TECH. SCORE	INITIAL PRICE PROPOSAL	COST SCORE	TOTAL AVG SCORE Total Possible: 100	RANKING
Inter-Con Security	46.60	\$58,335,379	35.56	82.16	1
Allied Universal	41.20	\$64,252,013	32.28	73.48	2
Securitas	39.60	\$84,018,912	24.69	64.29	3

# Strengths of Inter-Con's Proposal

- High retention employee rate amongst transitioning personnel at 90%.
- Strong management team and back office support.
- Recruiting and training process that is thoughtful and well designed, and includes all training included in the RFP.
- Very strong transition plan with an experienced team
- Use of technology to track training and certifications is visible to MTS with direct access to the system.
- Thirty-seven (37) years in business working for both federal and state government entities in highly trained, highly visible posts.
- Commitment to work in partnership with MTS on future reform and training efforts.

# Best and Final Offer (BAFO) and Negotiations

- On April 16, 2021, MTS received a Best and Final Offer from Allied Universal and Inter-Con.
- Upon review of the BAFOs, the Evaluation Committee selected to enter into negotiations with Inter-Con
- Negotiations were held with Inter-Con on May 6, 2021.

# Protest

- On May 27, 2021, MTS staff received a protest from Allied Universal
- MTS responded to the protest on June 3, 2021
- MTS received a request for the CEO to reconsider the protest on June 8, 2021
- MTS CEO denied to the request for reconsideration on June 10, 2021
- Allied Universal has not sought an administrative appeal and the protest has been resolved.



# Total Estimated Cost

- Total cost of the contract is as follows:

Category	Total FTEs	Year 1	Year 2	Year 3	Year 4	Year 5	5-Year Total
Armed Security Personnel	96.0	\$ 5,893,923	\$ 6,068,972	\$ 6,249,221	\$ 6,434,823	\$ 6,625,937	\$ 31,272,876
Armed Lieutenant (Mid-level Mgrs)	3.0	257,859	265,518	273,403	281,523	289,885	1,368,188
Armed Sergeant (Supervisors)	13.0	897,902	924,570	952,030	980,305	1,009,420	4,764,227
Unarmed Personnel	61.0	2,996,077	3,085,061	3,176,687	3,271,035	3,368,185	15,897,045
Dispatch / CCTV Personnel	11.0	575,578	592,673	610,275	628,401	647,064	3,053,992
Armed Captain (On-site Manager)	1.0	132,828	136,773	140,835	145,018	149,325	704,780
Administration	4.0	306,975	316,092	325,480	335,147	345,101	1,628,796
Training Personnel	1.0	85,953	88,506	91,134	93,841	96,628	456,063
Special Event Staff	-	221,376	227,951	234,721	241,693	248,871	1,174,612
Blended Overtime		851,902	877,204	903,257	930,083	957,707	4,520,152
<b>Total Base Services</b>	<b>190.0</b>	<b>\$ 12,220,375</b>	<b>\$ 12,583,320</b>	<b>\$ 12,957,045</b>	<b>\$ 13,341,869</b>	<b>\$ 13,738,122</b>	<b>\$ 64,840,731</b>
<b>Total Fixed Costs</b>		219,292	225,805	232,512	239,417	246,528	1,163,555
<b>Total Contract Costs</b>		<b>\$ 12,439,667</b>	<b>\$ 12,809,125</b>	<b>\$ 13,189,556</b>	<b>\$ 13,581,286</b>	<b>\$ 13,984,651</b>	<b>\$ 66,004,286</b>

- Includes 3.0% annual inflation for contract term.
- Incorporated fixed/variable contract structure to minimize fixed cost price changes on fluctuating volume of services.
- Year 1 rates for key personnel:
  - Unarmed (\$16.00), Armed (\$20.00), Supervisors (\$22.50), Managers (\$28.00)

# Inter-Con Security

- Introduction of Henry Hernandez, President and CEO of Inter-Con



## Recommendation

That the San Diego Metropolitan Transit System Public Safety Committee recommend to the MTS Board of Directors to authorize the Chief Executive Officer (CEO) to execute a contract with Inter-Con Security for the provision of security services throughout the MTS service area as outlined in the scope of work for a period of three years and an option for two additional years in the amount of \$66,004,286.

IN - MEETING PUBLIC COMMENT

Michelle Krug provided a live public comment for agenda item #30. Krug's statement will be reflected in the minutes.



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## Agenda Item No. 31

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

SECURITY AND PASSENGER SAFETY COMMUNITY ADVISORY GROUP  
GUIDELINES (JULIA TUER)

#### RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors approve the Security and Passenger Safety Community Advisory Group Guidelines (Attachment A).

#### Budget Impact

None with this action.

#### DISCUSSION:

In October 2020, MTS requested the American Public Transportation Association (APTA) to convene a Peer Review Panel to assist in evaluating the MTS security and enforcement system. The APTA Peer Review Panel was composed of industry experts and senior executive professionals from within the public transit industry. The panel provided advice, guidance, benchmarking and best practices to assist MTS in reviewing its security enforcement systems and practices. One of the recommendations provided by the panel was to institute a community advisory group to solicit advice and input from transit riders and community stakeholders. Based on the panel recommendation and further instruction from the MTS Public Security Committee, MTS staff drafted guidelines to establish and define the rules of procedures for a Security and Passenger Safety Community Advisory Group.



On June 11, 2021, staff provided a presentation to the Public Security Committee on the draft guidelines. The Committee provided feedback and recommended for the Guidelines to be brought to the MTS Board of Directors for final review and approval.

Therefore, staff recommends that the MTS Board of Directors approve the Security and Passenger Safety Community Advisory Group Guidelines (Attachment A).

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachment: A. Draft Security and Passenger Safety Community Advisory Group Guidelines



1255 Imperial Avenue, Suite 1000  
 San Diego, CA 92101-7490  
 (619) 231-1466 • FAX (619) 234-3407

## SAN DIEGO METROPOLITAN TRANSIT SYSTEM SECURITY AND PASSENGER SAFETY COMMUNITY ADVISORY GROUP GUIDELINES

### I. Duties

The duties of the Security and Passenger Safety Community Advisory Group (CAG) are advisory. These duties include the following:

- a. Provide feedback to the Public Security Committee related to security and passenger safety practices throughout the MTS system.
- b. Act as a resource to the Public Security Committee to review proposed security and passenger safety policies and procedures.
- c. Provide recommendations to the Public Security Committee on security and passenger safety policies and procedures.
- d. Review, comment, and provide recommendations on special proposed programs and projects forwarded to the CAG by the Public Security Committee.

### II. Membership and Term

Individuals interested in being a representative of the CAG will be required to complete a CAG Vacancy Application. CAG Vacancy Application forms will be posted on the MTS website *[insert link to specific website landing page]*. The MTS Chief Executive Officer (CEO) and designated staff will review and assess the applications submitted to the agency. The CEO will present the slate of recommended CAG representatives to the Chair of the Public Security Committee. Membership to the CAG will include thirteen (13) voting members, comprised of the following representatives:

- a. One (1) South Bay resident transit rider;
- b. One (1) East County resident transit rider;
- c. Two (2) City of San Diego resident transit riders;
- d. One (1) youth/young adult (25 years of age or younger);
- e. Two (2) educators with a primary study focus in public safety;
- f. One (1) business or tourism professional;



- g. One (1) social service agency professional, which could include public defenders or other court personnel;
- h. One (1) public safety professional or consultant;
- i. One (1) disabled community advocate;
- j. One (1) community advocacy group member; and
- k. One (1) representative appointed by the Executive Director of the Regional Task Force on the Homeless\*

The term of membership for each committee representative shall be three (3) years. Committee representatives may be reappointed for successive terms. Representatives who wish to reapply to the committee after the conclusion of their term as well as any new individuals who would like to apply for a vacant seat on the CAG, must complete a CAG Vacancy Application. The CEO and designated staff will review and assess the applications. The CEO will present a slate of recommended CAG representatives to fill the vacant seats to the Chair of the Public Security Committee. The CEO and Chair of the Public Security Committee will approve all vacant seat appointments to the CAG.

\*This seat will not be required to complete a CAG Vacancy Application as the Executive Director of the Regional Task Force on the Homeless will be asked to appoint one representative to the CAG for a term of three (3) years.

III. Chair

The Chair shall be elected for a one-year term by the members of the CAG at the first meeting of the calendar year and each year thereafter. There will be no limits to how many times a Chair may be reelected. The Chair shall be elected by a simple majority vote of the CAG members, a quorum being present.

IV. Vice Chair

The Vice Chair shall be elected for a one-year term by the members of the CAG at the first meeting of the calendar year and each year thereafter. There will be no limits to how many times a Vice Chair may be reelected. The Vice Chair shall be elected by a simple majority vote of the CAG members, a quorum being present. The Vice Chair shall preside in the absence of the Chair.

V. Meetings

Regular meetings of the CAG shall take place at least three times per year at the offices of MTS. Meetings will be subject to the provisions of the Ralph M. Brown Act, California Government Code, Section 54950, et. seq.

VI. Agendas

CAG meeting agendas shall be set by MTS staff with input from the Chair of the CAG. Agendas shall be prepared and posted in accordance with the Ralph M. Brown Act.



VII. Quorum Requirements

A majority of the members of the CAG shall constitute a quorum. There are thirteen (13) members of the CAG. A least seven (7) members of the CAG must be present to constitute a quorum. The CAG may not take any formal action without the majority of its members present. A simple majority vote of the CAG members, a quorum being present, will approve an item.

VIII. Attendance Policy

Attendance at CAG meetings is a condition of appointment. Members should not accept their appointment to the CAG if they are not able to regularly attend meetings. If a CAG member has two consecutive unexcused absences in a row, the member may be automatically vacated from the position.

IX. Resignations

Members of the CAG who wish to resign shall submit a written resignation to the CEO. If possible, the resignation notification should allow for at least a thirty-day notice in order for MTS to post and receive CAG Vacancy Application submittals to appoint a replacement CAG representative.

X. Approval of the CAG Guidelines

The adoption of, and any revisions to, the CAG Guidelines shall be approved by the MTS Board of Directors.

Exhibit – CAG Vacancy Application

Originally adopted by the MTS Board of Directors on July 29, 2021.

1255 Imperial Avenue, Suite 1000  
 San Diego, CA 92101-7490  
 (619) 231-1466 • FAX (619) 234-3407

**San Diego Metropolitan Transit System (MTS)  
 Security and Passenger Safety Community Advisory Group**

**CAG Vacancy Application**

Applications are being accepted from individuals who are interested in volunteering to serve on MTS's Security and Passenger Safety Community Advisory Group (CAG). The CAG has been established to advise the MTS Public Security Committee regarding security and passenger safety practices throughout the MTS system.

The CAG will meet at least three times per year in the MTS Board Room, located at 1255 Imperial Avenue, Suite 1000 (10<sup>th</sup> Floor) San Diego CA 92101. Committee representatives serve a term of three (3) years and may be reappointed thereafter.

**Currently, MTS is looking to fill the following seat(s) on the CAG:**

- **One (1) South Bay resident transit rider;**
- **One (1) East County resident transit rider;**
- **Two (2) City of San Diego resident transit riders;**
- **One (1) youth/young adult (25 years of age or younger);**
- **Two (2) educators with a primary study focus in public safety;**
- **One (1) business or tourism professional;**
- **One (1) social service agency professional, which could include public defenders or other court personnel;**
- **One (1) public safety professional or consultant;**
- **One (1) disabled community advocate;**
- **One (1) community advocacy group member; and**
- **One (1) representative appointed by the Executive Director of the Regional Task Force on the Homeless\***

*\*This seat will not be required to complete a CAG Vacancy Application as the Executive Director of the Regional Task Force on the Homeless will be asked to appoint one representative to the CAG for a term of three (3) years.*



Appointments are made at the discretion of the MTS Chief Executive Officer. Interested persons should complete the attached application. Completed Applications must be submitted via mail or email by **[insert due date]** to:

Dalia Gonzalez, Clerk of the Board  
1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101  
[ClerkoftheBoard@sdmts.com](mailto:ClerkoftheBoard@sdmts.com)

If you have any questions regarding the application or if you need this information available in an alternate format, please contact Dalia Gonzalez, Clerk of the Board, at 619-398-9561 or [ClerkoftheBoard@sdmts.com](mailto:ClerkoftheBoard@sdmts.com).

Your completed application may be subject to public disclosure per the California Public Records Act.

Application Information			
<b>First Name</b>		<b>Last Name</b>	
<b>Phone</b>		<b>Email</b>	
<b>Street Address</b>			
<b>City, State, Zip</b>			

Please answer each question as completely as possible. Responses to the following questions may be printed or typed in the space below or attached on a separate sheet of paper.

1. Please select which seat you would like to be considered for to sit on the CAG (please only select one option):

<input type="checkbox"/>	South Bay resident transit rider
<input type="checkbox"/>	East County resident transit rider
<input type="checkbox"/>	City of San Diego resident transit rider
<input type="checkbox"/>	Youth/Young Adult (25 years of age or younger)
<input type="checkbox"/>	Educator with a primary study focus in public safety
<input type="checkbox"/>	Business or tourism professional
<input type="checkbox"/>	Social Service Agency professional, which could include public defenders or other court personnel
<input type="checkbox"/>	Public Safety professional or consultant
<input type="checkbox"/>	Disabled Community Advocate
<input type="checkbox"/>	Community Advocacy Group member

2. Are you currently an MTS rider? If yes, how frequently do you ride?

3. *Why do you want to become a member of the Security and Passenger Safety Community Advisory Group?*

4. *Are there other committees/groups that you sit on, or are a part of, elected or not? If yes, please list.*

5. *Describe your participation in other community activities and advocacy groups.*

6. *If selected, would you be willing to commit to attending three scheduled meetings per year?*

\_\_\_\_\_  
**Applicants Name (Please Print)**

\_\_\_\_\_  
**Applicants Signature**

**Date:** \_\_\_\_\_

# Security and Passenger Safety Community Advisory Group Guidelines

MTS Board of Directors

July 29, 2021

# Background

- APTA Peer Review Panel – October 2020
- Evaluation of MTS security and enforcement system
- Provided advice, guidance, benchmarking and best practices
- Recommended to institute a security-related community advisory group

# Draft Guidelines

- Reviewed internal and external committee guidelines to draft outline
  - Duties
  - Membership and Term
  - Chair
  - Vice Chair
  - Meetings
  - Agendas
  - Quorum Requirements
  - Attendance Policy
  - Resignations

# Duties – Security and Passenger Safety Community Advisory Group (CAG)

- Duties of CAG are advisory
- Provide feedback on security and passenger safety practices
- Act as a resource to Public Security Committee
- Provide recommendations on policies and procedures
- Review, comment, and provide recommendations on special proposed programs and projects



# Membership and Term - CAG

- Thirteen (13) voting members; three (3) year terms:

One (1) South Bay resident transit rider

One (1) East County resident transit rider

Two (2) City of San Diego resident transit riders

One (1) youth/young adult (25 years of age or younger)

Two (2) educators with a primary focus in public safety

One (1) business or tourism professional

One (1) social service agency professional (may include public defenders or other court personnel)

One (1) public safety professional or consultant

One (1) disabled community advocate

One (1) community advocacy group member

One (1) representative appointed by Exec. Dir. of the Regional Task Force on the Homeless

# CAG Vacancy Application

- Application for members of the public interested in volunteering to serve on CAG
- Indicate which seat to be considered for to sit on CAG
- MTS rider? How frequent?
- Reason for wanting to be a member of CAG
- Participation in other committees/groups?
- Confirm attendance/participation commitment

# CAG Vacancy Application

- Outreach
  - Board Member Toolkit
  - Community Advisory Committee (CAC)
  - Community Groups
  - MTS Website/Social Media
- Evaluation of applications
  - CEO and designated staff
  - Chair of the Public Security Committee

# Chair and Vice Chair

- Elected by the members of the CAG at first meeting of the year
- 1 year term
- No limits for reelection

# Meetings / Agendas / Quorum

- Meetings at least three (3) times per year
- Subject to Ralph M. Brown Act
- Meeting agendas will be set by MTS and Chair of CAG
- Quorum will be at least seven (7) members present

# Attendance / Resignation

- Meeting attendance is a condition of appointment
- Resignations should be submitted as early as possible
  - CAG Vacancy Application will be posted for any open seats

# Recommendation

That the San Diego Metropolitan Transit System (MTS) Board of Directors approve the Security and Passenger Safety Community Advisory Group Guidelines (Attachment A).



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## Agenda Item No. 32

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

TITLE VI MONITORING REPORT FOR SERVICE POLICIES (DENIS DESMOND)

#### RECOMMENDATION:

That the Board of Directors review and approve the 2021 Title VI Monitoring Report for Service Policies (Attachment A).

#### Executive Committee Recommendation

At its July 15, 2021 meeting, the Executive Committee voted 7 to 0 (Board Members Aguirre, Elo-Rivera, Fletcher, Gastil, Montgomery Steppe, Salas, and Sotelo-Solis in favor) to recommend that the Board approve the staff recommendation.

#### Budget Impact

None.

#### DISCUSSION:

The Federal Transit Administration (FTA) is responsible for ensuring that recipients of federal transit funds comply with Title VI, which states that no person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.

To maintain compliance with Title VI, FTA requires transit providers such as MTS to monitor the service standards and policies established under 2012 FTA Circular 4702.1B. These standards and policies provide the framework for the monitoring and





assessment of service: to compare services provided in areas with a percentage of minority population that exceeds the percentage in the overall MTS area, to services provided in areas with a percentage of minority population below the overall service area average. FTA Circular 4702.1B requires that the MTS Board of Directors review and approve the results of the monitoring program, which must take place no less frequently than every three years.

The standards that must be monitored are:

- Vehicle Load for each mode
- Vehicle Headway for each mode
- On-Time Performance for each mode
- Service Accessibility for each mode

The four service standards listed above are incorporated into MTS Board Policy 42 and presented to the Board of Directors each fall as part of the annual performance monitoring report. The metrics for each standard were approved as part of a Title VI update to Policy 42 on June 20, 2013.

The service policies that must be monitored are:

- Vehicle Assignment for each mode
- Distribution of Transit Amenities for each mode

These service policies on Vehicle Assignment and Distribution of Transit Amenities are administrative policies that guide the procurement and assignment of revenue vehicles and passenger amenities. The 2021 Title VI Monitoring Report for Service Policies, included here as Attachment A, assists MTS in complying with its policies with respect to vehicle assignment and distribution of amenities.

These policies were included in MTS's most recent Title VI Program update, which was approved for submittal to FTA by the Board on May 13, 2021 (AI 6). They have since been updated effective July 1, 2021 to incorporate changes related to equity and electric buses. The two current, updated policies are attached to this agenda item (Attachments B).

The monitoring report and the results of this Board meeting will be included with MTS's next Title VI Program Update (due to the FTA in 2024) as evidence of the MTS Board's review and approval of the monitoring report.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachments: A. 2021 Title VI Monitoring Report for Service Policies  
B. MTS Vehicle Assignment Policy and Transit Amenities Policy



# **TITLE VI MONITORING REPORT FOR SERVICE POLICIES**

Prepared by the Metropolitan Transit System

July 2021

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## 1. INTRODUCTION

The San Diego Metropolitan Transit System (MTS) has conducted a Title VI analysis of its most recent Vehicle Assignment Policy and Transit Amenities Policy, as required by the Federal Transit Administration (FTA). Title VI is a Federal statute and provides that no person shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The purpose of this analysis is to ensure that MTS is in compliance with Title VI requirements. MTS has followed FTA's guidelines, published in FTA Circular 4702.1B on October 1, 2012.

Per FTA Circular 4702.1B,

*"Title 49 CFR Section 21.5 states the general prohibition of discrimination on the grounds of race, color, or national origin. Section 21.5(b)(2) specifies that a recipient shall not 'utilize criteria or methods of administration which have the effect of subjecting persons to discrimination because of their race, color, or national origin, or have the effect of defeating or substantially impairing accomplishment of the objectives of the program with respect to individuals of a particular race, color, or national origin.' Section 21.5(b)(7) requires recipients to 'take affirmative action to assure that no person is excluded from participation in or denied the benefits of the program or activity on the grounds of race, color, or national origin.' Finally, Appendix C to 49 CFR part 21 provides in Section (3)(iii) that '[n]o person or group of persons shall be discriminated against with regard to the routing, scheduling, or quality of service of transportation service furnished as a part of the project on the basis of race, color, or national origin. Frequency of service, age and quality of vehicles assigned to routes, quality of stations serving different routes, and location of routes may not be determined on the basis of race, color, or national origin.'"*

In order to ensure compliance with DOT's Title VI regulations, FTA requires transit providers to monitor the performance of their transit system relative to their system-wide service standards and service policies. Service standards are monitored annually and presented to the board in the annual performance monitoring report. This report is the monitoring of the qualitative administrative policies for placement of amenities and vehicle assignment.

## 2. BACKGROUND

### 2.1. DEFINITION OF LOW-INCOME AND MINORITY GROUPS

FTA Circular 4702.1B encourages recipients to use a locally developed threshold for low-income person that is “at least as inclusive as the HHS poverty guidelines.” In coordination with SANDAG, MTS defines a low-income person as an individual whose household income is at or below 200 percent of the poverty level as defined by the United States Census Bureau. The FTA defines minority persons as the following: American Indian and Alaska Native, Asian, African American, Hispanic or Latino, and Native Hawaiian or other Pacific Islander.

Table 1 shows the total MTS service area averages for minority and low-income populations, based on the data from the 2019 American Community Survey 5-year estimates:

**Table 1 – Service Area Averages**

<b>Population</b>	<b>Service Area Average</b>
Minority	57.3%
Low-Income	28.6%

## 3. TITLE VI METHODOLOGY

The FTA guidelines allow transit agencies to use either ridership or population as a basis to determine disparate impacts and disproportionate burdens. Whichever basis is selected should be used throughout the analysis. MTS has selected population as the basis, as ridership figures are unlinked and disproportionately favor Census block groups with transit centers.

FTA Circular 4702.1B, Appendix J, includes suggested formats which have been used to guide the presentation of the results of this analysis as recommended by the FTA.

## 4. MONITORING OF SERVICE POLICIES

### 4.1. VEHICLE ASSIGNMENT POLICY

#### 4.1.1. BUS ASSIGNMENT POLICY

##### 4.1.1.1. BUS CATEGORIES

#### STANDARD BUS

**MTS currently meets the standards set forth in its Vehicle Assignment Policy with respect to standard non-articulated transit buses.**

The default vehicle is the compressed natural gas (CNG) powered 40-foot transit vehicle, which is assigned out of the Imperial Avenue, Kearny Mesa, South Bay, and East County Divisions for fixed-route service. Passenger amenities in this vehicle fleet are substantially similar across the entire standard bus fleet.

#### ARTICULATED BUS

**MTS currently meets most standards set forth in its Vehicle Assignment Policy with respect to articulated transit buses.**

The default articulated vehicle is a CNG-powered 60-foot bus, assigned out of the Imperial Avenue, Kearny Mesa, and South Bay Divisions for fixed-route services requiring additional passenger capacity to prevent overcrowding.

The Rapid articulated bus, featuring Rapid branding and standard passenger amenities, is used on the Rapid 215 service operating primarily along the El Cajon Boulevard corridor. MTS's Freeway Rapid articulated buses (Rapid-branded vehicles with upgraded seating) are in use on the Rapid 225 and 235 services along the Interstates 805 and 15 corridors, respectively.

Freeway Rapid articulated buses were purchased for Rapid 237 due to its long segment of freeway service. However, that route has since changed, and only a short segment of the route remains on the freeway. Additionally, the Rapid SuperLoop service had a need for higher capacity buses. Therefore, these Freeway Rapid articulated buses were largely reassigned to the Rapid SuperLoop, though it has no freeway segments. These are anticipated to be replaced with regular Rapid articulated buses when they are retired.

#### MINIBUS

**MTS currently meets the standards set forth in its Vehicle Assignment Policy with respect to minibuses.**

MTS operates 25- to 34-foot cutaway minibuses on routes with lower passenger demand out of its Copley Place Division. These vehicles are currently assigned to lower-ridership services, with some serving a route all week and others serving a route on Saturday and/or Sunday, depending on historical passenger demand.

## OVER-THE-ROAD COACH

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**MTS currently meets the standards set forth in its Vehicle Assignment Policy with respect to over-the-road coaches.**

MTS operates its fleet of 45-foot single-door highway coaches out of its East County Division in service on Rapid Express routes only.

## ADA PARATRANSIT MINIBUS

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**MTS currently meets the standards set forth in its Vehicle Assignment Policy with respect to ADA paratransit minibuses.**

MTS operates its Type II cutaway minibus fleet out of its Copley Place Division exclusively for Americans with Disabilities Act paratransit services.

### 4.1.1.2. BUS DIVISIONS

**All MTS buses are assigned to the agency's respective operating divisions as stated in the Vehicle Assignment Policy.**

All MTS buses are operated out of the Imperial Avenue, Kearny Mesa, South Bay, East County, and Copley Place Divisions.

### 4.1.1.3. BUS VEHICLE AMENITIES

MTS currently meets almost all standards set forth in its Vehicle Assignment Policy for bus amenities:

- **Alternative Fuel-Powered:** Standard Bus, Articulated Bus, Minibus. ***Currently meets most MTS standards.***
  - o The current MTS standard bus, articulated bus, and over-the-road coach fleets are all battery-electric or powered by CNG, while the MTS minibus and paratransit bus fleet are mostly powered by propane. There are a few remaining gasoline-powered minibuses in the MTS fleet operating out of the Copley Park Division. For the heavy-duty fleet, MTS intends to exclusively purchase alternative fuel, hybrid electric, or zero-emission buses, as stated in Section 2.7 of the Vehicle Assignment Policy.
- **Air Conditioning:** All buses. ***Currently meets MTS standards.***
  - o All MTS buses are equipped with air conditioning.
- **Lift for Accessibility:** Minibus, Over-the-Road Coach. ***Currently meets MTS standards.***
  - o All MTS minibuses and over-the-road coaches are equipped with wheelchair lifts per the Americans with Disabilities Act of 1990.
- **Ramp for Accessibility:** Standard Bus, Articulated Bus. ***Currently meets MTS standards.***
  - o All MTS standard and articulated buses are considered low-floor and are equipped with deployable ramps for wheelchair access per the Americans with Disabilities Act of 1990.
- **Wheelchair Tie-Down Locations (minimum two positions):** All buses. ***Currently meets MTS standards.***
  - o All MTS buses are equipped with at least two wheelchair tie-down locations.

- Bicycle Rack (minimum two positions): Standard Buses, Articulated Buses, Minibuses. **Currently meets MTS standards.**
  - o All MTS standard buses, articulated buses, and minibuses operated in standard fixed-route service are equipped with a front-mounted two-position bicycle rack. MTS's ADA Paratransit Minibus fleet is not equipped with bicycle racks.
- Bicycle Underfloor Storage: Over-the-Road Coaches. **Currently meets MTS standards.**
  - o All MTS over-the-road coaches are equipped with underfloor bicycle storage provisions.
- Seating: Shell Seats with Fabric Inserts: Standard Bus, Articulated Bus. **Currently meets MTS standards.**
  - o All MTS standard buses and most MTS articulated buses are equipped with shell-style seats with fabric or vinyl inserts. TransNet-funded Rapid Freeway articulated buses are equipped with upgraded padded seating.
- Seating: Standard Transit Padded Seating: Minibus. **Currently meets MTS standards.**
  - o All MTS minibuses are equipped with standard transit padded seating.
- Seating: Upgraded High-Back Seats: Articulated Bus, Over-the-Road Coaches. **Currently meets MTS standards.**
  - o All MTS over-the-road coaches are equipped with upgraded high-back padded seats, with a similar specification of seat installed on the TransNet-funded Rapid Freeway articulated bus fleet.

#### 4.1.1.4. BUS ASSIGNMENTS BY ROUTE

**MTS currently meets the standards set forth in its Vehicle Assignment Policy with respect to bus assignment by route.** TransNet-funded services are assigned a TransNet-funded bus as standard practice, with Rapid services assigned a Rapid-branded bus. Standard fixed-route services are allocated vehicles based on passenger load considerations given the assigned service frequency, with routes exhibiting the above-average passenger loads assigned articulated buses, routes exhibiting average passenger loads assigned standard buses, and routes exhibiting below-average passenger loads assigned minibuses.

**MTS does not currently allocate buses to routes based on any other factor, with all routes receiving buses of any age with equal consideration based on availability.** However, MTS' Zero-Emission Bus Transition Plan prioritizes the deployment of the future battery-electric bus fleet in disadvantaged communities. Following the pilot period of Battery-Electric Bus (BEB) testing in 2021/2022, deployment of the BEBs will be prioritized on routes serving communities defined as "disadvantaged" by the State of California's Senate Bill 535.

#### 4.1.1.5. ROUTE ASSIGNMENTS BY DIVISION

**MTS currently meets the standards set forth in its Vehicle Assignment Policy with respect to route assignments by division.**

Routes are assigned to each division based on the number and types of buses available, proximity to the service, and opportunities to complement other nearby routes for efficiency, interlining, driver familiarity, supervision, and incident response.



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#### 4.1.1.6. BUS ASSIGNMENTS BY DIVISION

**MTS currently meets the standards set forth in its Vehicle Assignment Policy with respect to bus assignments by division.** Every division operating fixed-route service using standard and articulated buses receives new vehicles with equal preference. MTS' Zero-Emission Bus Transition Plan prioritizes the deployment of the future battery-electric bus fleet in disadvantaged communities, so compliance with this may require in the future that buses be transferred among divisions to ensure availability of the zero-emission buses for these routes.

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#### 4.1.1.7. FUTURE BUS PROCUREMENTS

**MTS currently meets the standards set forth in its Vehicle Assignment Policy with respect to future bus procurement.** All bus procurement contracts valid at present are for the future purchase of low-floor, CNG-powered standard and articulated buses. MTS also regularly purchases ADA minibuses that comply with the Vehicle Assignment Policy. MTS anticipates releasing a Request for Bids later in 2021 for a new multi-year contract to purchase CNG-powered and battery-electric standard and articulated buses.

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## 4.1.2. RAIL ASSIGNMENT POLICY

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### 4.1.2.1. TROLLEY CAR CATEGORIES

The active MTS rail vehicle fleet is fully consistent with the descriptions in the Vehicle Assignment Policy.

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#### HIGH-FLOOR CARS

Siemens SD100 cars with high floors, steps inside the car to access 0"-8" station platform, wheelchair and bike space at the ends of each car, and a wheelchair lift next to the driver compartment in the lead car. These cars have a flip seat that allows space for three wheelchairs. These 52 cars were manufactured in 1995. Passenger amenities are identical on the fleet.

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#### LOW-FLOOR CARS

Siemens S70 and S70US cars are designed with 70% low floors, inside steps only up to seating areas at far ends of the car, wheelchair and bike space in the middle of the car, and passenger-activated ramps at two of four doors of each car. Cars were manufactured between 2005 and 2021. Passenger amenities are nearly identical for both models and vintages.

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#### VINTAGE CARS

MTS deploys two vintage Presidents Conference Car (PCC) cars and one vintage Siemens-Duewag U2 light rail vehicle on the Silver Line in Downtown San Diego. These are high-floor vehicles with a wheelchair lift. The PCC cars have a high-density forward-facing seating arrangement, while the U2 LRV has a mixed-seating arrangement identical to the SD100 cars.

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### 4.1.2.2. RAIL DIVISIONS

All MTS rail vehicles are assigned to the agency's single rail operating division at 1341 Commercial Street in San Diego.

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### 4.1.2.3. RAIL VEHICLE AMENITIES

MTS is in full compliance with each aspect of its rail vehicle amenities policy:

- Air Conditioning: Low-Floor, High-Floor. **Currently meets MTS standards.**
  - o All modern low-floor and high-floor MTS rail cars are equipped with air conditioning. The vintage PCC cars do not feature air conditioning.
- Lift for Accessibility: High-Floor, Vintage. **Currently meets MTS standards.**
  - o All MTS high-floor and vintage cars are equipped with wheelchair lifts for access per the Americans with Disabilities Act of 1990.
- Ramps for Accessibility: Low-Floor. **Currently meets MTS standards.**
  - o All MTS low-floor cars are equipped with deployable ramps for wheelchair access per the Americans with Disabilities Act of 1990.
- Wheelchair Spaces: All rail vehicles. **Currently meets MTS standards.**

- All MTS rail vehicles are equipped with designated space for wheelchairs. The vintage PCC cars have space for one wheelchair passenger, the high-floor rail vehicle cars have space for three, and the low-floor rail vehicle fleet does not have restrictions on the number of wheelchairs allowed on each car.
- **Bicycle Spaces:** Low-Floor, High-Floor. **Currently meets MTS standards.**
  - MTS's modern low-floor and high-floor rail cars permit two bicycles each per agency policy. MTS does not permit bicycles on its vintage rail vehicle fleet.
- **Seating:** Shell Seats with fabric or vinyl inserts: Low-Floor. **Currently meets MTS standards.**
  - All MTS low-floor rail cars are equipped with shell-style seats with fabric or vinyl inserts.
- **Seating:** Standard Transit Padded Seating: High-Floor, Vintage. **Currently meets MTS standards.**
  - All MTS high-floor and vintage rail cars are equipped with standard transit padded seating.

#### 4.1.2.4. TROLLEY ASSIGNMENTS BY LINE

**MTS currently meets the standards set forth in its Vehicle Assignment Policy with respect to Trolley car assignment by line.** All Trolley stations have a minimum 8-inch platform height to permit the use of low-floor rail cars throughout the Trolley network. MTS does not always operate complete low-floor trolley consists due to limitations in the number of available rail cars at the present time, and some trains operate with mixed three-car consists featuring two low-floor rail cars and one high-floor rail car in standard service. Some tripper and special event service trips receive all high-floor consists as necessary to provide sufficient capacity.

Vintage rail cars are only in use on the special supplemental Silver Line service in Downtown San Diego due to capacity and access constraints. All stations served by the Silver Line also receive regular service from either the Blue, Orange, or Green lines.

#### 4.1.2.5. FUTURE RAIL PROCUREMENTS

**MTS currently meets the standards set forth in its Vehicle Assignment Policy with respect to future rail vehicle procurement.** MTS has a current order for 45 additional Siemens S70US Trolley cars that will be fully compliant with all aspects of the Vehicle Assignment Policy, including accessibility, air conditioning, and seating. These cars will be used to supplement the current fleet for added frequency, and to operate the Mid-Coast extension opening later in 2021.

## 4.2. TRANSIT AMENITIES POLICY

MTS's Transit Amenities Policy guides the provision of benches, shelters, passenger information displays, elevators and escalators, trash cans, restrooms, and ticket vending machines at both Trolley stations and bus stops. The Transit Amenities Policy prioritizes the provision of passenger amenities based on the number of rider boardings by stop, illustrated in maps in Section 4.2.1.8. These maps show the Top 500 bus stops based on passenger boardings in FY2018. Where discrepancies exist with respect to passenger boardings and amenities provided, the Transit Amenities Policy will guide MTS in prioritizing placement of new amenities in areas with high levels of passenger boardings. For example, MTS has improved stops as part of its Capital Improvement Plan for to enable the future installation of new passenger amenities.

MTS revised its Transit Amenities Policy to incorporate new goals to improve equity in the provision of its services and facilities. Per the MTS Transit Amenities Policy, Section 2.0, future placement of amenities will not only evaluate the current and anticipated ridership at individual stops, but also consider the opportunity to make improvements in communities of concern that have historically had underinvestment in infrastructure. An agency performance goal for 2022 is to identify several dozen bus stop locations specifically in disadvantaged communities where MTS can make improvements and install benches or shelters.

### 4.2.1. BUS STOP AMENITIES

**MTS's current distribution of bus stop amenities is consistent with its Transit Amenities Policy.**

The installation of bus stop amenities is prioritized based on the number of passenger boardings at stops and stations along those routes. This prioritization can be adjusted by site constraints which may prevent installation of an amenity. MTS also works with local communities to ensure that installed amenities are an asset rather than nuisance, and may adjust siting and installations on a case-by-case basis accordingly.

MTS has entered into a number of Memoranda of Understanding (MOU) with its constituent cities on the provision of amenities at MTS bus stops. Cities that have entered into an MOU with MTS have provided MTS with the ability to install and maintain amenities such as benches and shelters at bus stops within their respective jurisdictions. As of July 2021, MTS has an active MOU for amenities with the Cities of San Diego, National City, Chula Vista, Santee and the County of San Diego. In cities with active MOUs, MTS takes primary responsibility for installing and maintaining bus passenger amenities, although outside parties may provide amenities on a case-by-case basis. The cities of Coronado, El Cajon, Imperial Beach, La Mesa, Lemon Grove, and Poway are currently responsible for their own improvements and amenities. While these are included in MTS's inventory for the purpose of monitoring the amenities, MTS does not have direct control over their placement or installation.

Stops within cities that have not entered into MOUs with MTS are shown in the amenities maps in Section 4.2.1.8 in a lighter shade than those stops under direct MTS control.

#### 4.2.1.1. SEATING

MTS provides four types of seating at bus stops:

**Stand-alone benches:** MTS maintains a contract with a vendor to install benches at bus stop locations, based on passenger volume or upon request. Space constraints on city sidewalks often limit the ability to install a bench.

Some cities in MTS' service area install their own bus stop benches; While MTS works closely with the local jurisdictions, MTS does not have the ultimate authority over the placement, design, or location of these benches.

**Shelter benches:** MTS maintains a contract with a vendor to install shelters and benches at bus stop locations. Typically a bench is installed at each shelter location, but MTS occasionally omits or removes the bench when working with local communities to resolve loitering issues, or to increase circulation and queuing space for passengers.

**Rapid/TransNet station benches:** MTS maintains benches at Rapid bus stops/stations with TransNet reimbursement for operating expenses.

**Transit Center benches:** off-street transit centers maintained by MTS and shared with Trolley service have benches located at or near the bus stops for use by bus passengers.

Outside entities such as nearby institutions, cities, business improvement districts, and adjacent property owners sometimes install their own furniture at or near bus stops. MTS maintains some control of the immediate bus stop area for safety and ADA compliance, but the local jurisdiction has the ultimate authority over furniture placed within its right-of-way.

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#### 4.2.1.2. SHELTERS

MTS provides three kinds of shelters at its bus stops:

**Stand-alone shelters:** MTS maintains a contract with a vendor to install shelters at bus stop locations, based primarily on passenger volume. Potential locations require sufficient space for the shelter and suitable electrical conditions (nearby power source and ability to ground the equipment). New MTS shelters have solar capabilities for appropriate sites. Space constraints on city sidewalks often limit the ability to install a shelter. MTS offers two lengths of the stand-alone shelter to accommodate smaller spaces where possible, or to provide more shelter area at busier stops, space permitting.

**Rapid/TransNet station shelters:** MTS maintains shelters at Rapid bus stops/stations with TransNet reimbursement for operating expenses.

**Transit Center shelters:** off-street transit centers maintained by MTS and shared with Trolley service have shelters located at or near the bus stops for use by bus passengers.

Some cities in MTS' service area install their own bus stop shelters; While MTS works closely with the local jurisdictions, MTS does not have the ultimate authority over the placement, design, or location of these shelters. Other outside entities, such as nearby institutions, business improvement districts, and adjacent property owners, sometimes install their own furniture at or near bus stops. MTS requests to have input for the immediate bus stop area for safety and ADA compliance, but the local jurisdiction has the ultimate authority over furniture placed within its right-of-way.

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#### 4.2.1.3. PASSENGER INFORMATION

**Static Displays:** Each bus stop blade includes the following information: MTS logo, bus icon, list of routes serving the stop, and the individual stop number, allowing passengers to access stop-specific information on the internet

or via smartphone. Blades installed at transit centers, major transfer points, and significant destinations include larger route decals with each route's destination also provided.

Bus stop pole displays showing the schedule for the route(s) serving the stop are installed at transit centers, major transfer points, significant destinations, and locations with high numbers of boardings.

Information kiosks are installed at off-street transit centers, selected busy on-street transfer locations, and along Broadway in Downtown San Diego. The information provided is customized to the location, but may include routes and destinations, fare information, local area maps, route maps, and "How to Ride" information.

Most shelters provided and serviced by MTS' vendor include an information panel for a schedule, route map, or other information, depending on the service and location.

**Electronic Displays:** "Next-arrival" displays are provided at most Rapid bus stops/stations with TransNet reimbursement for operating expenses. These are installed as part of the capital project, and maintained through the operating agreement with SANDAG.

Next-arrival signs were also installed in a few other transit center locations as part of a pilot to test the technology; the functionality of these signs is maintained, but there are no plans to expand the program at this time.

#### 4.2.1.4. ELEVATORS/ESCALATORS

**Elevators:** Provided only at locations where a fixed ramp could not meet Americans with Disabilities Act (ADA) requirements. Currently, the only bus stop locations with an MTS-owned elevator not also served by Trolley are: the parking structure at the Sabre Springs/Peñasquitos Transit Station (2 elevators), the Boulevard Transit Plaza (4 elevators total), and the City Heights Transit Plaza (4 elevators total).

**Escalators:** There are no escalators at any bus-only location.

#### 4.2.1.5. TRASH CANS AND RECYCLING RECEPTACLES

MTS provides for trash cans and recycling receptacles at the following bus stop locations:

- Transit centers served by both buses and Trolleys
- Rapid stations with TransNet reimbursement for operating expenses
- MTS-contracted bus shelter locations

At all other locations, trash cans (if provided) are installed, serviced, and controlled by an outside entity, typically a city, business improvement district, or adjacent property owner. Recycling receptacles may or may not be installed adjacent to the trash can by the outside provider.

#### 4.2.1.6. RESTROOMS

Four transit centers with bus service have MTS-owned restrooms available for passenger use:

- 12th & Imperial Transit Center
- Old Town Transit Center
- El Cajon Transit Center
- San Ysidro Transit Center

All four locations have an outside vendor that maintains the restroom and controls access. Other bus stops have nearby restrooms that may be available to passengers, but MTS does not reimburse the owner nor have any control over access.

MTS provides secured restrooms for employees only at various bus route terminal locations. At some bus route terminals, MTS has an agreement with a nearby business to allow MTS drivers to use their restroom.

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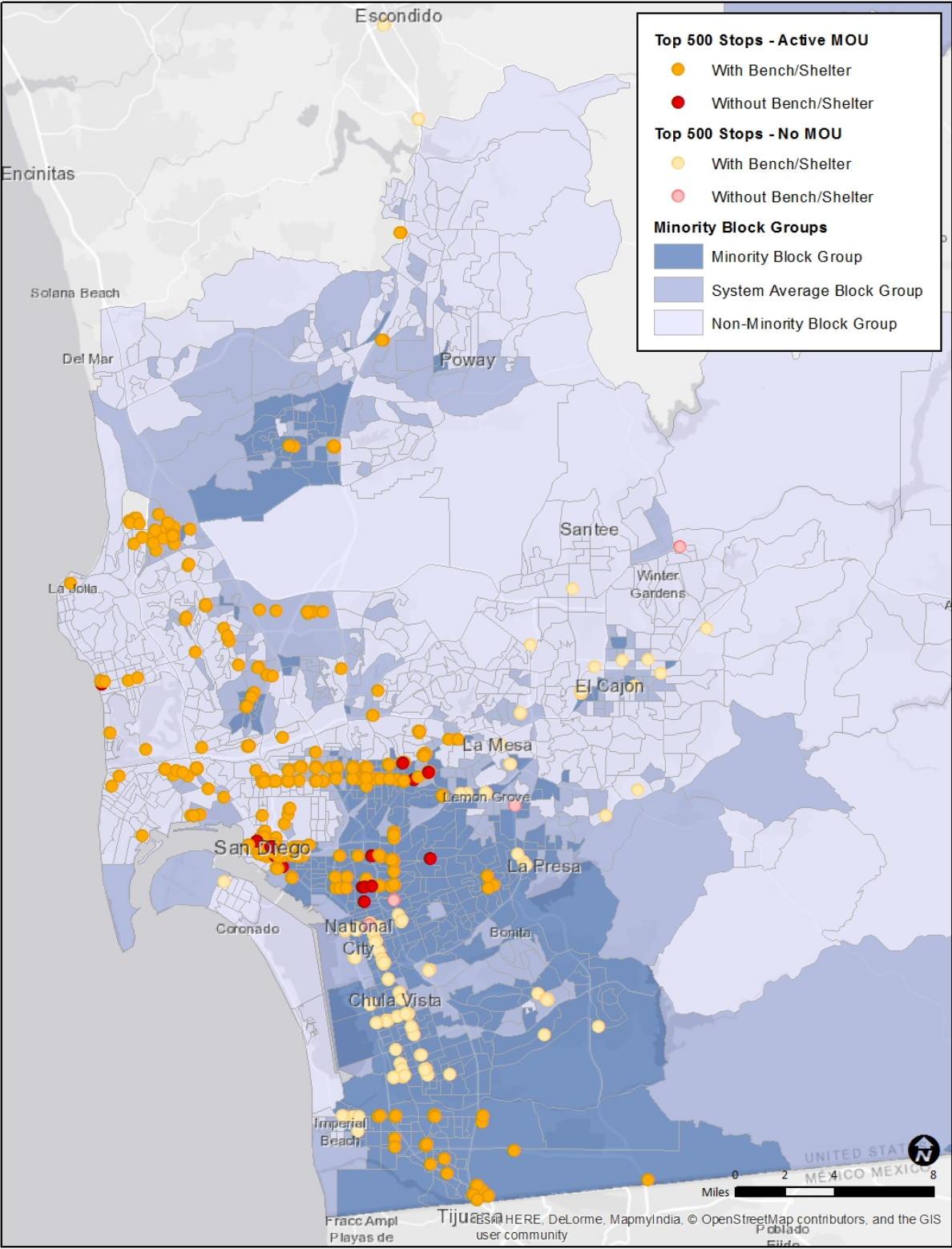
#### 4.2.1.7. TICKET VENDING MACHINES

Ticket vending machines (TVMs) are only provided at three locations served by buses apart from Trolley stations: San Diego International Airport (Terminals 1 & 2), Virginia Avenue Transit Center (VATC) at the San Ysidro International Border, and the Otay Mesa Transit Center (OMTC; at the Otay Mesa International Border). These locations have TVMs due to the high volume of cash-paying passengers, to reduce dwell times for buses. MTS' next fare system, PRONTO, will allow for simpler TVMs that may be deployed at more bus stop locations in the future. *(NOTE: As of July 1, 2020, the OMTC is temporarily closed for adjacent construction until September 2021, and TVMs have been removed from the VATC in anticipation of PRONTO rolling out in Fall 2021.)*

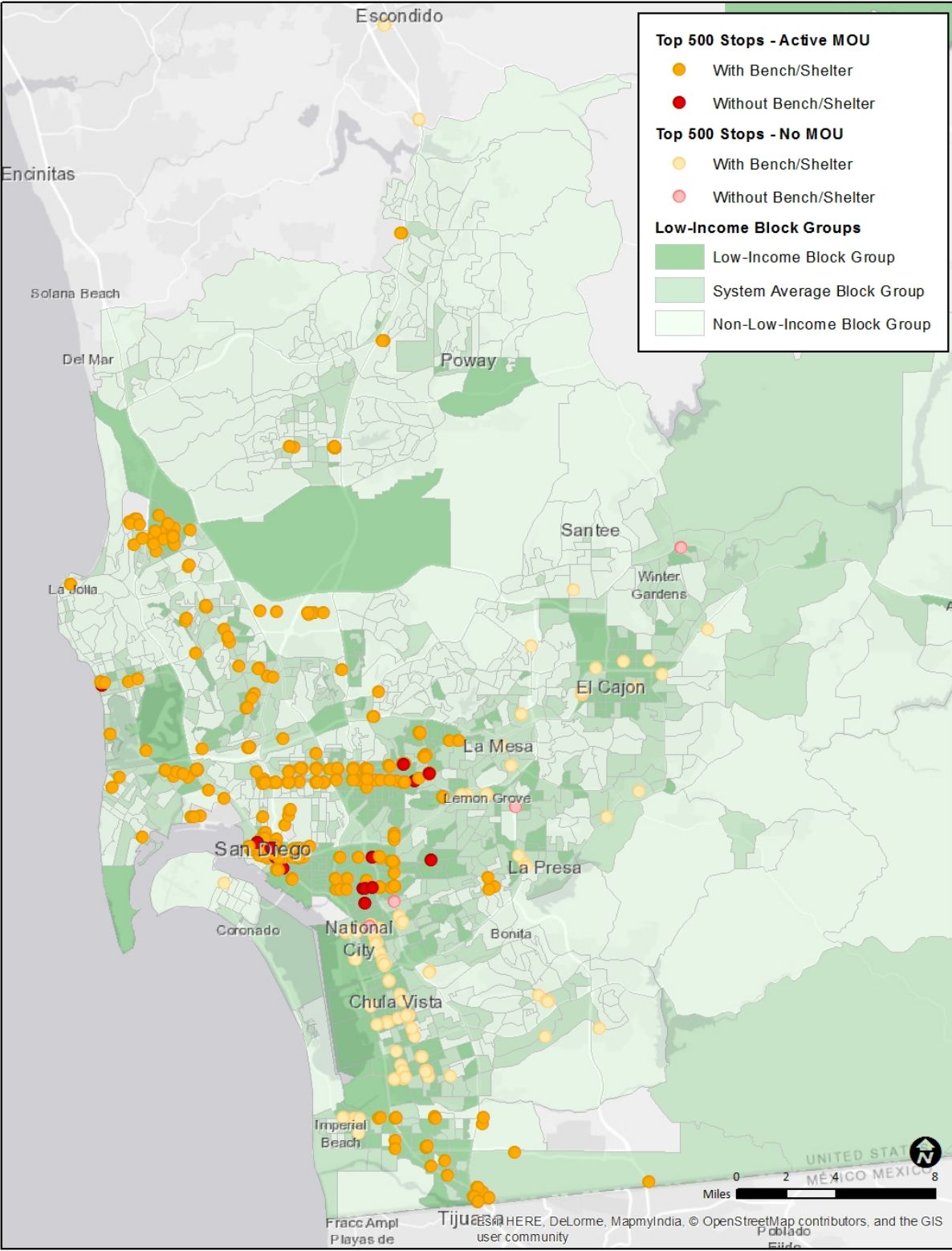
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#### 4.2.1.8. AMENITY DISTRIBUTION MAPS

The overlay maps on the following pages show the locations of amenities (benches and shelters) provided at the top 500 MTS bus stops by passenger boardings relative to the locations of minority and non-minority populations as well as low-income and non-low-income populations. Such a map is one way to demonstrate how amenities are distributed across the transit system.







## 4.2.2. RAIL STATION AMENITIES

**MTS's current distribution of rail station amenities is consistent with its Transit Amenities Policy.**

Trolley station amenities, except where noted below, are generally standardized at all Trolley stations throughout the Trolley network. This standardization ensures equal distribution to all users, regardless of the location of the station. Quantities and siting of amenities are dependent on level of boardings and site-specific conditions.

### 4.2.2.1. SEATING

MTS provides seating at all Trolley stations. Quantity and placement of benches is dependent on location, number of boardings, and station design and layout.

### 4.2.2.2. SHELTERS

MTS provides two kinds of shelters at its Trolley stations:

**Large canopies:** Most Trolley stations have one large canopy, located on the platform with the most open area.

**Small canopies:** Most Trolley stations have one or more small canopies, located on the narrower platform.

### 4.2.2.3. PASSENGER INFORMATION

**Static Displays:** Each Trolley platform includes signage along its length indicating the station name, line of service, and terminal destination. Information kiosks are installed on the platforms of all Trolley stations. The information provided includes Trolley schedules, fare information, local area maps, and "How to Ride" information. Bus transfer information is also included at busy transfer centers with bus service.

**Electronic Displays:** "Next-arrival" displays are provided above all Trolley platforms, indicating the line of service and the estimated time of arrival for subsequent trains.

### 4.2.2.4. ELEVATORS/ESCALATORS

**Elevators:** Provided only at locations where a fixed ramp could not meet Americans with Disabilities Act (ADA) requirements. Currently, MTS provides and maintains elevators at the following Trolley stations: Fashion Valley Transit Center, Stadium Trolley Station (currently closed for adjacent construction), Grantville Trolley Station, SDSU Transit Center, and Grossmont Transit Center. Several stations on the future Mid-Coast light rail extension will include elevators due to the elevated guideway and stations.

**Escalators:** The only MTS stop/station with escalators is the SDSU Transit Center, where peak volumes would exceed the capacity of the elevators. No other escalators are planned for the system at this time.

### 4.2.2.5. TRASH CANS AND RECYCLING RECEPTACLES

MTS installs and services trash cans and recycling receptacles at all Trolley stations.

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#### 4.2.2.6. RESTROOMS

Four locations have MTS-owned restrooms available for passenger use:

- 12th & Imperial Transit Center
- Old Town Transit Center
- El Cajon Transit Center
- San Ysidro Transit Center

All four locations have an outside vendor that maintains the restroom and controls access. Other Trolley stations have nearby restrooms that may be available to passengers, but MTS does not reimburse the owner nor have any control over access. (For example, the City of San Diego maintains public restrooms adjacent to the Civic Center and Gaslamp Quarter Stations.)

MTS provides secured restrooms for employees only at various route terminal locations. At some route terminals, MTS has an agreement with a nearby business to allow MTS operators to use their restroom.

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#### 4.2.2.7. TICKET VENDING MACHINES

At least two Compass ticket vending machines (TVMs) are currently provided at every Trolley station, each with the ability to accept credit cards and dispense tickets. At least one TVM at every station has the ability to issue and load Compass Cards. New PRONTO TVMs are already installed at most Trolley stations, ready for that system to replace the Compass system in Fall 2021.



# VEHICLE ASSIGNMENT POLICY • 2021



SAN DIEGO METROPOLITAN TRANSIT SYSTEM

SAN DIEGO METROPOLITAN TRANSIT SYSTEM

Subject: VEHICLE ASSIGNMENT POLICY

Effective Date: July 1, 2021

Promulgated this 1st day of July 2021.

SAN DIEGO METROPOLITAN  
TRANSIT SYSTEM

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Sharon Cooney  
Chief Executive Officer

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Approved as to form:  
General Counsel

## 1.0 Introduction

The Metropolitan Transit System (MTS) is the provider of public fixed-route bus and light rail transit services in the southern and eastern portions of San Diego County. MTS' area of jurisdiction is approximately 570 square miles of the **urbanized** areas of San Diego County, plus the rural areas of East County. Our total service area is 3,240 square miles, serving a population of nearly 3 million.

MTS can trace its roots back to 1886, when private companies began providing various rail transit services in San Diego. The current organization was created by the passage of California Senate Bill 101 and came into existence in January 1976 as the Metropolitan Transit Development Board (MTDB). In 2002, Senate Bill 1703 merged MTDB's long-range planning, financial programming, project development and construction functions into the regional metropolitan planning organization, the San Diego Association of Governments (SANDAG). In 2005, MTDB changed its name to MTS.

MTS directly or through private contractors operates 96 fixed bus routes, 4 light rail lines, and an Americans with Disabilities Act complementary paratransit service. All services are coordinated by MTS, which determines the routes, stops, frequencies and hours of operation. Light rail infrastructure includes 54 stations and 102.6 miles of rail. Various modes of bus routes are operated, including local, urban, express, Rapid, Rapid Express, and rural services.

Federal Transit Administration Circular FTA C 4702.1B requires that operators receiving federal financial assistance have policies ensuring the equitable distribution of vehicles and amenities as part of their compliance with Title VI of the Civil Rights Act of 1964. This document provides the policy guidelines for the distribution and operation of MTS vehicles throughout the MTS service area. It has also been distributed to MTS' outside contractors that provide transit services.

## 2.0 Buses

MTS bus services board approximately 51 million passengers per year, 170,000 on an average weekday (pre-pandemic figures). The fleet consists of nearly 800 buses operating on 96 fixed-routes and paratransit service. Modes operated include motorbus, commuter bus, and demand response. Approximately half of the service is directly operated by MTS employees, the remaining half is operated by private contractors using buses provided by MTS and operating from divisions owned by MTS. Most of the heavy-duty bus fleet is powered by natural gas, the culmination of an initiative started in 1994 to replace diesel with cleaner, alternative fuels. The last of MTS' diesel buses was retired in early 2021.

### 2.1 Bus Categories

- 2.1.A Standard Bus: Medium or Heavy-Duty urban transit buses manufactured by New Flyer, Gillig, etc. Passenger amenities are common throughout the fleet, with only minor year-to-year variations. All standard buses are powered by Compressed Natural Gas (CNG).

- 2.1.A.1 **Standard MTS:** The largest segment of MTS' fixed-route fleet. All standard buses



Standard MTS Bus

are 40' long. Seating is a standard transit shell seat product with fabric inserts.

- 2.1.A.2 **Standard Rapid:** The Standard Rapid bus differs from the Standard MTS bus by exterior branding and installation of Transit Signal Priority (TSP) transmitters. All other features and amenities are the same.



- 2.1.B Articulated Bus: Articulated transit buses are 60' long and all were manufactured by New Flyer Industries. There are three distinct fleets, all currently CNG-powered:

- 2.1.B.1 **Urban:** MTS branded with passenger amenities similar to MTS standard buses. These are assigned to higher volume routes that require additional capacity when added frequency isn't practical, feasible, or cost-effective.



- 2.1.B.2 **Rapid:** Branded for Rapid service with passenger amenities similar to MTS standard buses. These are assigned to TransNet-funded Rapid routes that operate primarily on surface streets. In 2022, this fleet will be expanded to the MTS-funded Iris Rapid project with twelve new battery-electric articulated Rapid buses.



- 2.1.B.3 **Rapid Freeway:** Branded for Rapid service with an upgraded seating product. These are assigned to TransNet-funded Rapid routes that operate significant freeway segments, with the upgraded seating intended to improve the ride quality at higher speeds.

- 2.1.C Minibus: Single-door, high-floor, body-on-chassis cutaway buses, 29'-34' in length; generally fewer seats than standard buses; propane- or gasoline-powered; all are equipped with a wheelchair lift at the curbside rear. These are assigned to demand response service and fixed-routes with lower ridership. They are also used on other routes during lower-demand periods such as weekends.



2.1.D Over-the-Road Coach: Single-door, 45' long, high-floor highway coach; upgraded seating product and some additional passenger amenities such as parcel racks and reading lights; all are equipped with a curbside midship wheelchair lift. These are assigned to the higher-fare *Rapid Express* service on the Interstate 15 corridor.



2.1.E ADA Paratransit Minibus: All Americans with Disabilities Act (ADA) complementary paratransit buses are Type II cutaway minibuses. There is no variation in passenger amenities from year-to-year, and vehicles are dispatched equally throughout the region based on ride demands.



2.1.F Zero Emission Bus (ZEB): As of July 2021, MTS operates a fleet of eight Battery Electric Buses (BEBs) as a pilot that are being deployed throughout the system.

The California Air Resources Board (CARB) is requiring that transit bus fleets convert to Zero Emission Buses by 2040, and MTS' plan was approved by the MTS Board of Directors and submitted to CARB in late 2020. **The plan prioritizes the deployment of BEBs in disadvantaged communities, as defined by California Senate Bill 535 using the State's CalEnviroscreen tool.**



The transition plan starts with five additional standard BEBs to be purchased in 2021, twelve Rapid articulated BEBs in 2022, then a gradual conversion of all orders, with the last internal combustion bus being purchased in 2028. All combustion buses would be retired by 2040.

Challenges include the need for significant electrical grid and charging infrastructure installed at all divisions, insufficient range with current battery technology, and lack of viable BEB options on some fleet types. MTS anticipates that most of these will be resolved over the next several years, but the CARB plan is a dynamic document that will be updated as new information becomes available.

MTS is currently designing electrical charging infrastructure at two of its divisions – South Bay and Imperial Avenue. Chargers will be placed on overhead gantries with drop-down pantographs that charge the buses as needed for service, while optimizing charging times to avoid peak periods on the grid.

2.2 Divisions: MTS bus service is operated from five bus divisions, with a sixth being planned:

2.2.A Imperial Avenue Division (IAD): Directly operated by MTS. Located at 100 Sixteenth Street, San Diego, CA 92101 (Downtown San Diego); operates standard and articulated buses. Maintains CNG-powered and battery-electric buses. The BEB pilot is supported at IAD with pedestal chargers.



- 2.2.B Kearny Mesa Division (KMD): Directly operated by MTS. Located at 4630 Ruffner Street, San Diego, CA 92111 (Kearny Mesa); operates standard and articulated buses. Fuels and maintains CNG-powered buses. The BEB pilot is supported at KMD with pedestal chargers.
- 2.2.C South Bay Division (SBD): Owned by MTS and operated by a contractor (currently Transdev). Located at 3650A Main Street, Chula Vista, CA 91911 (southern Chula Vista); operates standard and articulated buses. Fuels and maintains CNG-powered buses. The BEB pilot is supported at SBD with pedestal chargers.
- 2.2.D East County Division (ECD). Owned by MTS and operated by a contractor (currently Transdev): 544 Vernon Way, El Cajon, CA 92020; operates standard buses, minibuses, and over-the-road coaches. Fuels and maintains CNG- and gasoline-powered buses. The BEB pilot is supported at ECD with pedestal chargers.
- 2.2.E Copley Park Division (CPD): Owned by MTS and operated by a contractor (currently First Transit). Located at 7490 Copley Park Place, San Diego, CA 92111 (Kearny Mesa); operates minibuses. Fuels and maintains propane- and gasoline-powered buses.
- 2.2.F Division 6. MTS has begun work on a sixth bus division that will accommodate expansion of the fleet, as well as free up space in existing divisions to add the necessary electrical charging infrastructure. Division 6 will be designed from the ground-up as a primarily ZEB division, though some natural gas fueling capabilities may still be needed during the fleet transition period.

2.3 Vehicle Amenities: Passenger amenities vary by bus type, as shown in the table below:

Vehicle Amenity	Standard Bus	Articulated Bus	Minibus	OTR Coach
Alternative Fuel-Powered	X	X	X	X
Zero-Emissions	X	X		
Air conditioning	X	X	X	X
Lift for accessibility			X	X
Ramp for accessibility	X	X		
Wheelchair Tie-Down Locations	2	2	2	2
Bicycle Rack (2-3 positions)	X	X	X	
Bicycle Underfloor Storage				X
Seating: shell seats with fabric or vinyl inserts	X	X		
Seating: standard transit padded seating			X	
Seating: upgraded high-back seats		X		X

2.4 Bus Assignments by Route: Bus types are assigned by route based on the following:

2.4.A Capacity needs: Articulated buses are assigned to higher volume routes that require additional capacity when added frequency isn't practical, feasible, or cost-effective. Minibuses are assigned to the lowest ridership fixed-routes – routes which generally could not be economically operated with a larger bus.

2.4.B Route type: Vehicles are assigned by route type in the specifications below. Temporary exceptions to these assignments may be made in an unanticipated, emergency, or standby situation when service would otherwise be lost.

2.4.B.1 *Rapid* Express routes between the Interstate 15 corridor and Downtown San Diego are assigned over-the-road coaches; these routes have a higher fare and pass price accordingly.

2.4.B.2 High-demand TransNet-funded Rapid/SuperLoop routes are assigned Rapid articulated buses. (These may be supplemented as needed with other MTS buses for capacity purposes.) Rapid routes or trips that operate significant freeway segments are assigned the Rapid “freeway” articulated buses, with upgraded seating intended to improve the ride quality at higher speeds.

2.4.B.3 Standard-demand TransNet-funded Rapid/SuperLoop routes are operated using Rapid articulated buses, Standard Rapid buses, or regular MTS-branded standard buses, depending on availability.

2.4.B.4 Urban Frequent routes are operated using MTS-branded articulated and standard buses.

2.4.B.5 Urban Standard, Circulator, and Rural routes are operated using MTS-branded standard buses and minibuses, depending on the capacity needs of the individual route.

2.5 Route Assignments by Division: Routes are assigned to each division based on the number and types of buses available, proximity to the service, and opportunities to complement other nearby routes for efficiency, interlining, driver familiarization, supervision, and incident response. State law limits MTS' ability to reassign directly-operated routes to divisions operated by MTS contractors.

2.6 Bus Assignments by Division: Bus types are assigned to each division based on division space capacity, and the capability of the division to fuel, operate, and maintain any specialized equipment (alternative fuels, articulated buses, etc.). Buses are currently assigned to the divisions according to the following table:

Bus Category	IAD	KMD	SBD	ECD	CPD
2.1.A.1 Standard MTS Bus	X	X	X	X	
2.1.A.2 Standard Rapid Bus		X			
2.1.B.1 Articulated Urban Bus	X	X	X		
2.1.B.2 Articulated Rapid Bus	X				
2.1.B.3 Articulated Rapid Freeway Bus		X	X		
2.1.C Minibus				X	X
2.1.D Over-the-Road Coach				X	
2.1.E ADA Paratransit Minibus					X
2.1.F Zero Emission Bus	Pilot	Pilot	Pilot	Pilot	

2.7 Future Procurements: All heavy-duty buses are alternative fuel, hybrid-electric, or zero-emission. Heavy-duty buses will be low-floor, except for buses used for Rapid Express, standby, or tripper services, or on special or low-ridership routes.

### 3.0 Rail Vehicles

3.1 Trolley Car Categories: Three different types of cars are operated:

3.1.A High-Floor Cars: Siemens SD100 cars with high floors, steps inside the car to access 0"-8" station platform, wheelchair and bike space at the ends of each car, and a wheelchair lift next to the driver compartment in the lead car. These cars have a flip seat that allows space for three wheelchairs. These 52 cars were manufactured in 1995. Passenger amenities are identical on the fleet.



3.1.B Low-Floor Cars: Siemens S70 and S70US cars are 70% low-floor. They include inside steps only up to seating areas at far ends of the car, wheelchair and bike space in the middle of the car, and passenger-activated ramps at two of four doors on each side of each car. Cars were manufactured between 2005 and 2020. Passenger amenities are nearly identical for all models and vintages, with minor improvements in seating configurations in later production cars.



3.1.C **Vintage Cars:** MTS deploys three historic cars on its Silver Line loop in Downtown San Diego: two Presidents Conference Cars (PCCs) dating from 1946; and one 1980-



vintage Siemens-Duewag U2 car preserved from the original San Diego Trolley fleet. These are high-floor vehicles with a wheelchair lift for accessibility.

3.2 **Divisions:** MTS operates one rail division, from which all light rail (“Trolley”) service is operated: 1341 Commercial Street, San Diego, CA 92113 (Downtown San Diego).

3.3 **Vehicle Amenities:** Passenger amenities vary by car type, as shown in the table below:

<b>Vehicle Amenity</b>	<b>Low-Floor</b>	<b>High-Floor</b>	<b>Vintage</b>
Air conditioning	<b>X</b>	<b>X</b>	
Lift for accessibility		<b>X</b>	<b>X</b>
Ramps for accessibility	<b>X</b>		
Wheelchair Spaces	<b>Not limited</b>	<b>3</b>	<b>1</b>
Bicycle Spaces (limited by policy for safety)	<b>2</b>	<b>2</b>	<b>0</b>
Seating: shell seats with fabric or vinyl inserts	<b>X</b>		
Seating: standard transit padded seating		<b>X</b>	<b>X</b>

3.4 **Trolley Assignments by Line:** Trolley cars are assigned primarily based on four factors:

3.4.A **Station infrastructure limitations:** Low floor cars require a minimum 8” station platform height in order for the ramp to maintain an ADA-compliant slope. All stations on all four lines now have 8” platforms. Most Trolley stations can accommodate four-car trains, except for 12th & Imperial, City College, Fifth Ave, Civic Center, Courthouse, and America Plaza, which can only accommodate three-car trains.

3.4.B **Fleet constraints:** MTS currently owns 121 low-floor cars. When additional cars are needed for a full peak schedule, the difference is made up by inserting a high-floor car in the middle of three-car consists. Some occasional tripper and special event trains may operate with all-high-floor consists.

3.4.C **Vintage Car constraints:** Due to their high floor and limited capacity, the three vintage cars are used only on the Silver Line loop in Downtown San Diego, where they supplement other existing services. Two of the vintage vehicles only have an operating cab on one side, and can therefore can only operate in one direction and limiting them to loop services.

3.5 **Future Procurements:** Except for vintage cars, all Trolley cars will be a minimum of 70% low-floor; existing high-floor cars will be replaced by low-floor cars upon retirement. MTS has an order for new Siemens S70US cars that will begin replacing the high-floor Siemens SD100 fleet; the first cars in this order should start arriving in late 2021.

3.6 Trolley System Map:

3.6.1. Current Trolley System Map (July 2021)



3.6.2. Future Trolley System Map (eff. November 2021)

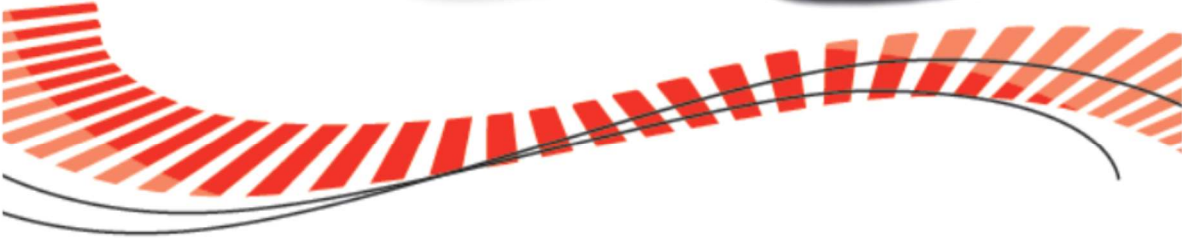


## 4.0 MTS Fleet List (as of 7/1/2021)

<b>Motorbus - Directly Operated</b>						
<b>Division</b>	<b>Quantity in Fleet</b>	<b>Fleet Series</b>	<b>Year</b>	<b>Make</b>	<b>Model</b>	<b>Vehicle Assignment Policy Category</b>
IAD	2	1600	2020	Gillig	Low-Floor	Zero Emission Bus
IAD/KMD	38	1700	2020	Gillig	Low-Floor	Standard MTS Bus
IAD	26	1800	2020	New Flyer	XN60	Articulated Bus - Urban
Various	6	1500	2019	New Flyer	XE40	Zero Emission Bus
IAD	10	1400	2017	Gillig	Low-Floor	Standard MTS Bus
KMD	23	200	2015	Gillig	Low-Floor	Standard MTS Bus
KMD	13	1300	2015	New Flyer	XN60	Articulated Bus - Urban
KMD	12	900	2014	Gillig	Low-Floor	Standard MTS Bus
IAD	18	1200	2013	New Flyer	XN60	Articulated Bus - Rapid
KMD	29	1100	2013	New Flyer	XN60	Articulated Bus - Rapid Freeway
IAD	26	800	2013	Gillig	Low-Floor	Standard MTS Bus
IAD	31	700	2012	New Flyer	C40LFR	Standard MTS Bus
IAD	26	600	2011	New Flyer	C40LFR	Standard MTS Bus
KMD	12	339-350	2008	New Flyer	C40LF	Standard Rapid Bus
<b>TOTAL:</b>	<b>272</b>					
<b>Motorbus - Purchased Transportation</b>						
SBD	5	2790	2020	Gillig	Low-Floor	Standard MTS Bus
ECD	6	8350	2019	Gillig	Low-Floor	Standard MTS Bus
SBD	7	2780	2018	Gillig	Low-Floor	Standard MTS Bus
ECD	3	3506-3508	2018	Starcraft	Allstar XL	Minibus
SBD	17	7500	2017	New Flyer	XN60	Articulated Bus - Rapid Freeway
SBD	10	7400	2017	New Flyer	XN60	Articulated Bus - Urban
SBD	36	2100	2017	Gillig	Low-Floor	Standard MTS Bus
ECD	38	8300	2016	Gillig	Low-Floor	Standard MTS Bus
CPD	31	3100	2016	El Dorado Nat'l	AeroElite 320	Minibus
ECD	13	8200	2015	Gillig	Low-Floor	Standard MTS Bus
SBD	14	2000	2015	Gillig	Low-Floor	Standard MTS Bus
SBD	38	2400	2014	Gillig	Low-Floor	Standard MTS Bus
CPD	6	3000	2014	El Dorado Nat'l	AeroElite 320	Minibus
SBD/ECD	24	2300	2013	Gillig	Low-Floor	Standard MTS Bus
SBD	22	2900	2012	New Flyer	C40LFR	Standard MTS Bus
SBD	75	2800/7300	2009	New Flyer	C40LF	Standard MTS Bus
<b>TOTAL:</b>	<b>345</b>					
<b>Commuter Bus - Purchased Transportation</b>						
ECD	24	8530	2020	MCI	D4500	Over-the-Road Coach
<b>TOTAL:</b>	<b>24</b>					
<b>Demand Response - Purchased Transportation</b>						
CPD	35	3630	2018	Starcraft	AllStar	ADA Paratransit Minibus
CPD	26	3200	2017	Starcraft	AllStar	ADA Paratransit Minibus
CPD	46	3300	2016	Starcraft	AllStar	ADA Paratransit Minibus
CPD	5	3970	2015	Starcraft	AllStar	ADA Paratransit Minibus
CPD	6	3900	2014	Starcraft	AllStar	ADA Paratransit Minibus
<b>TOTAL:</b>	<b>118</b>					
<b>Light Rail - Directly Operated</b>						
SDTI	45	5000	2020	SDU	S70US	Low-Floor Car
SDTI	65	4000	2011	SDU	S70US	Low-Floor Car
SDTI	11	3000	2005	SDU	S70	Low-Floor Car
SDTI	52	2000	1995	SDU	SD100	High-Floor Car
SDTI	1	1001	1980	SDU	U2	Vintage Car
SDTI	1	529	1946	SLC	PCC	Vintage Car
SDTI	1	530	1946	SLC	PCC	Vintage Car
<b>TOTAL:</b>	<b>176</b>					



# TRANSIT AMENITIES POLICY • 2021



SAN DIEGO METROPOLITAN TRANSIT SYSTEM



SAN DIEGO METROPOLITAN TRANSIT SYSTEM

Subject: TRANSIT AMENITIES POLICY

Effective Date: July 1, 2021

Promulgated this 1st day of July 2021.

SAN DIEGO METROPOLITAN  
TRANSIT SYSTEM

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Sharon Cooney  
Chief Executive Officer

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Approved as to form:  
General Counsel

## 1.0 Introduction

The Metropolitan Transit System (MTS) is the provider of public fixed-route bus and light rail transit services in the southern and eastern portions of San Diego County. MTS' area of jurisdiction is approximately 570 square miles of the urbanized areas of San Diego County as well as the rural parts of East County, 3240 total square miles, serving nearly 3 million people in San Diego County.

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MTS directly or through private contractors operates 95 fixed bus routes, 4 light rail lines, and an Americans with Disabilities Act complementary paratransit service. All services are coordinated by MTS, which determines the routes, stops, frequencies and hours of operation. Light rail infrastructure includes 54 stations and 102.6 miles of rail. Various modes of bus routes are operated, including local, urban, express, Rapid, Rapid Express, and rural services.

Federal Transit Administration Circular FTA C 4702.1B requires that operators receiving federal financial assistance have policies ensuring the equitable distribution of vehicles and amenities as part of their compliance with Title VI of the Civil Rights Act of 1964.

This policy is established to ensure the equitable distribution of amenities across the MTS transit network. Details on amenities provided by mode follow below. It has been provided to MTS' outside contractors that install and maintain amenities.

This policy applies to amenities funded by or constructed by or at the direction of MTS. This policy does not limit or restrict outside parties from funding and constructing infrastructure improvements at or near MTS transit stations/stops for the benefit of MTS passengers.

## 2.0 Bus Stops

***The installation of bus stop amenities is prioritized based on the number of passenger boardings at stops and stations along those routes.*** This prioritization can be adjusted by site constraints which may prevent installation of an amenity. MTS also works with local communities to ensure that installed amenities are an asset rather than nuisance, and may adjust siting and installations on a case-by-case basis accordingly.

For purposes of increasing equity in the delivery of public transit services, MTS has established goals for the improvement of bus stops in communities of concern. In cases of stops that warrant amenities based on ridership, MTS will also consider if a stop is located in a disadvantaged community, as defined by a state agency or local jurisdiction.

### 2.1 Seating

MTS provides four types of seating at bus stops:

- 2.1.A Stand-alone benches: MTS maintains a contract with a vendor to install benches at bus stop locations, based on passenger volume or upon request. Space constraints on city sidewalks often limit the ability to install a bench. Some cities in MTS' service area install their own bus stop benches; While MTS works closely with the local jurisdictions, MTS does not have the ultimate authority over the placement, design, or location of these benches.
- 2.1.B Shelter benches: MTS maintains a contract with a vendor to install shelters and benches at bus stop locations. Typically, a bench is installed at each shelter location, but MTS occasionally omits or removes the bench to increase circulation and queuing space for passengers, when working with local communities to resolve loitering issues.
- 2.1.C Rapid/TransNet station benches: MTS maintains benches at Rapid and SuperLoop bus stops/stations with TransNet reimbursement for operating expenses.
- 2.1.D Transit Center benches: off-street transit centers maintained by MTS and shared with Trolley service have benches located at or near the bus stops for use by bus passengers.

Outside entities such as nearby institutions, cities, business improvement districts, and adjacent property owners sometimes install their own furniture at or near bus stops. MTS maintains some control of the immediate bus stop area for safety and ADA compliance, but the local jurisdiction has the ultimate authority over furniture placed within its right-of-way.

### 2.2 Shelters

MTS provides three kinds of shelters at its bus stops:

- 2.2.A Stand-alone shelters: MTS maintains a contract with a vendor to install shelters at bus stop locations, based primarily on passenger volume. MTS' current shelter design includes solar-powered lighting that does not require an external power

source. This model is the latest generation of MTS shelter, and replaced all of MTS' original shelters by 2020.

Potential locations require sufficient space for the shelter and suitable electrical conditions (sufficient lighting for solar generation, or a nearby power source and ability to ground the equipment). Space constraints on city sidewalks often limit the ability to install a shelter. MTS offers two lengths of stand-alone shelters to accommodate smaller spaces where possible, or to provide more shelter area at busier stops, space permitting.

MTS' shelter contractor uses a digital advertising panel in some locations. This affects the advertising panel only; passenger amenities are not affected and do not differ on shelters with digital versus static advertising panels.

2.2.B Rapid/TransNet station shelters: MTS maintains shelters at Rapid and SuperLoop bus stops/stations with TransNet reimbursement for operating expenses. These shelters were all included as part of each Rapid project's planning process, led by the San Diego Association of Governments. Therefore, the design of these shelters vary by project.

2.2.C Transit Center shelters: off-street transit centers maintained by MTS and shared with Trolley service have shelters located at or near the bus stops for use by bus passengers.

Some cities in MTS' service area install their own bus stop shelters; While MTS works closely with the local jurisdictions, MTS does not have the ultimate authority over the placement, design, or location of these shelters.

Other outside entities, such as nearby institutions, business improvement districts, and adjacent property owners, sometimes install their own furniture at or near bus stops. MTS maintains some control of the immediate bus stop area for safety and ADA compliance, but the local jurisdiction has the ultimate authority over furniture placed within its right-of-way.

## 2.3 Passenger Information

### 2.3.A Static Displays

Each bus stop blade includes the following information: MTS logo, bus icon, list of routes serving the stop, and the individual stop number, allowing passengers to access stop-specific information on the internet or via smartphone. Blades installed at transit centers, major transfer points, and significant destinations include larger route decals with each route's destination also provided.

Bus stop pole displays showing the schedule for the route(s) serving the stop are installed at transit centers, major transfer points, significant destinations, and locations with high numbers of boardings.

Information kiosks are installed at off-street transit centers, selected busy on-street transfer locations, Rapid stations, and along Broadway in Downtown San Diego. The information provided is customized to the location, but may include

routes and destinations, fare information, local area maps, route maps, and “How to Ride” information.

Most shelters provided and serviced by MTS’ vendor include an information panel for a schedule, route map, or other information, depending on the service and location.

#### 2.3.B Variable Message Signs

Variable message signs (VMS), or “next-arrival” displays, are provided at Rapid and SuperLoop bus stops/stations with TransNet reimbursement for operating expenses. These are installed as part of the capital project, and maintained through the operating agreement with SANDAG.

### 2.4 Elevators/Escalators

2.4.A Elevators: Due to maintenance, security, and cleaning costs, elevators are only considered at locations where a fixed ramp could not meet Americans with Disabilities Act (ADA) requirements.

Currently, elevators are provided at only two bus stop locations (four platforms) apart from Trolley stations: the City Heights and Boulevard Transit Plazas in Mid-City San Diego. The elevators connect freeway level platforms with the surface street overpasses. Fixed ramps at these stations would not meet ADA requirements. Each of the two stations has two platforms, each with two elevators, for a total of eight elevators.

One other passenger facility with an MTS-owned elevator not also served by Trolley is the parking structure at the Sabre Springs/Peñasquitos Transit Station.

2.4.B Escalators: There are no escalators at any bus-only location.

### 2.5 Trash Receptacles

MTS provides or contracts for trash and recycling receptacles at the following bus stop locations:

2.5.A Transit centers served by both buses and Trolleys

2.5.B Rapid stations with TransNet reimbursement for operating expenses

2.5.C MTS-contracted bus shelter locations

At all other locations, trash receptacles (if provided) are installed, serviced, and controlled by an outside entity, typically a city, business improvement district, or adjacent property owner. These may or may not include adjacent recycling receptacles.

## 2.6 Restrooms

Passenger restrooms are available at a limited number of transit centers with rail service. These are covered in Section 3.6. MTS does not provide public or passenger restrooms at any bus-only facilities.

MTS provides secured restrooms for employees only at various bus route terminal locations. At some bus route terminals, MTS has an agreement with a nearby business to allow drivers (not passengers) to use their restroom.

## 2.7 Ticket Vending Machines

There are four bus stop locations with ticket vending machines (TVMs) apart from Trolley stations: the two terminals at San Diego International Airport, the Virginia Avenue Transit Center at the San Ysidro International Border, and the new Otay Mesa Transit Center at the Otay Mesa International Border. These locations all have high volumes of cash riders and the TVMs are located on off-street sites in controlled right-of-way. The 2021 launch of the new PRONTO fare system could enable MTS to place TVMs at more bus stops using a smaller and less costly machine than is used with the current Compass fare system.

### 3.0 Rail Stations

***Trolley station amenities, except where noted below, are generally standardized at all Trolley stations throughout the Trolley network.*** This standardization ensures equal distribution to all users, regardless of the location of the station. Quantities and siting of amenities are dependent on level of boardings and site-specific conditions.

#### 3.1 Seating

MTS provides seating at all Trolley stations. Quantity and placement of benches is dependent on location, number of boardings, and station design and layout.

#### 3.2 Shelters

MTS provides two kinds of shelters at its Trolley stations:

3.2.A Large canopies: Most Trolley stations have one large canopy, located on the platform with the most open area.

3.2.B Small canopies: Most Trolley stations have one or more small canopies, located on the narrower platform.

#### 3.3 Passenger Information

3.3.A Static Displays: Each Trolley platform includes signage along its length indicating the station name, line of service, and terminal destination.

Information kiosks are installed on the platforms of all Trolley stations. The information provided includes Trolley schedules, fare information, local area maps, and “How to Ride” information. Bus transfer information is also included at busy transfer centers with bus service.

3.3.B Variable Message Signs: Variable message signs (VMS), or “next-arrival” displays, are provided above all Trolley platforms. These indicate the line of service and the estimated time of arrival for subsequent trains.

#### 3.4 Elevators/Escalators

3.4.A Elevators: Provided only at locations where a fixed ramp could not meet Americans with Disabilities Act (ADA) requirements. Currently, MTS provides and maintains elevators at the following Trolley stations: Fashion Valley Transit Center, Stadium (*station temporarily closed as of 2021*), Grantville Transit Center, SDSU Transit Center, and Grossmont Transit Center. The Mid-Coast Light Rail extension opening in late 2021 will add elevators at five additional Trolley stations.

3.4.B Escalators: The only MTS stop/station with escalators is the SDSU Transit Center, where peak volumes would exceed the capacity of the elevators. No other escalators are planned for the system at this time.

3.5 Trash and Recycling Receptacles

MTS installs and services trash and recycling receptacles at all Trolley stations.

3.6 Restrooms

Four locations have MTS-owned restrooms available for passenger use: 12<sup>th</sup> & Imperial Transit Center, Old Town Transit Center, E Street Transit Center, and El Cajon Transit Center. All four locations have an outside vendor that maintains the restroom and controls access. Restroom hours correspond with the vendor's business hours. Other Trolley stations have nearby restrooms that can be used by passengers, but MTS does not reimburse the owner nor have any control over access.

3.7 Ticket Vending Machines (TVMs)

At least two TVMs are provided at every Trolley station. Each TVM accepts credit cards and dispenses tickets. At least one TVM at each station also has the ability to dispense and load Compass Cards. The Compass TVMs will be replaced in Fall 2021 with PRONTO TVMs, which will have a similar installation distribution and functionality as the Compass TVMs. All PRONTO machines at each Trolley station have the ability to dispense PRONTO Cards and load passes on PRONTO cards. Each station will have at least Credit Card-only TVM.



3.8 Trolley System Map:

3.8.1: Current Trolley System Map



3.8.2: Future Trolley System Map (eff. November 2021)



# Title VI Monitoring Report for Service Policies

MTS Board of Directors  
July 29, 2021

## Title VI

- As a federal funds recipient, MTS is required to follow FTA guidance on Title VI
- Current FTA requirements established in Circular 4702.1B
  - Issued in 2012
  - Required changes to Policy 42 to establish service standards and change thresholds
  - Requires on-going monitoring of service standards, with results reported to the Board at least every 3 years (MTS includes these in quarterly and annual performance monitoring reports to the Board)
  - Requires transit operators to have two administrative service policies, also monitored at least every three years:
    - [Vehicle Assignment Policy](#)
    - [Distribution of Transit Amenities Policy](#)

# Vehicle Assignment Policy

- Details how buses and rail cars are distributed throughout the system
- MTS updated policy on 7/1/2021 with a change to the bus distribution policy
  - Bus assignments by division had previously been based on age, with each aged-out fleet being replaced with a new fleet at the same division
  - Revised policy incorporates new equity-based bus assignments established by the Zero Emission Bus (ZEB) Transition Plan
    - Following ZEB pilot period, Vehicle Assignment Policy now prioritizes deployment of Battery-Electric Buses in disadvantaged areas and on DAC-serving routes

## Distribution of Transit Amenities Policy

- Details how passenger amenities are distributed throughout the system
  - Benches, shelters, trash cans, elevators, information signage, etc.
- MTS updated policy on 7/1/2021 with a change to the provision of amenities
  - Most bus stop amenities had previously been warranted by the level of ridership at a stop
  - Policy now incorporates an equity-based provision to include consideration for disadvantaged communities
    - Allows for a stop in a disadvantaged community to receive an amenity even if ridership is lower than another stop
    - Will be seen in agency programs like the CIP and performance goals

## Monitoring Results

- Monitoring report found one exception to the Vehicle Assignment Policy:
  - Articulated 'Rapid Freeway' buses purchased by SANDAG for Rapids 235 and 237 are used on urban Rapid 201/202 (SuperLoop) due to a subsequent restructuring of Rapid 237 and capacity needs on Rapid 201/202
- No exceptions noted for compliance with the Distribution of Transit Amenities Policy

## Today's Action

- Vehicle Assignment Policy and Distribution of Transit Amenities Policy must be monitored at least every three years, with results presented to the MTS Board of Directors
- **Recommendation** to approve the Monitoring Report for Service Policies
- Policies, Monitoring Report, and Board Action will be submitted with next FTA Title VI Triennial Update in Spring 2024.





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## Agenda Item No. 45

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

June 17, 2021

#### SUBJECT:

FISCAL YEAR (FY) 2021 THIRD QUARTER PERFORMANCE MONITORING REPORT  
(DENIS DESMOND)

#### INFORMATIONAL ONLY

##### Budget Impact

None.

#### DISCUSSION:

MTS Board Policy No. 42, "Transit Service Evaluation and Adjustment", establishes a process for evaluating existing transit services to achieve the objective of developing a customer-focused, competitive, integrated, and sustainable system. Additionally, federal Title VI guidance requires that certain performance measures be evaluated and reported to the Board periodically. The analyses show trends for the current fiscal year and help to track performance throughout the year.

Staff from the Planning and Scheduling Department will provide a summary of service performance for the first three quarters of FY 2021, including impacts of the COVID-19 pandemic.

##### Update on COVID-19-Related Major Service Adjustments

On February 11, 2021 (AI 25), the MTS Board of Directors waived the requirement for a Policy 42 'major service change' process for the restoration of several services that have been reduced due to the pandemic. The following update is provided for the impacted services:



**Route 854:** Grossmont College is still closed to all but essential activity, so the Route 854X service remains suspended. Grossmont College hasn't yet estimated a re-opening date, but MTS is prepared to resume the service for the Fall 2021 semester.

**Rapid Express 280 & 290:** These services are operating at approximately 50% of the normal schedule. Service was added in January 2021 in anticipation some commuter demand returning, but ridership remains 85%-90% below normal on these routes. Staff will continue to monitor the demand to add service as warranted.

**Sorrento Valley Coaster Connection (SVCC):** The five shuttle routes on the SVCC were reduced from 10 to four daily round trips each, to match the reduced COASTER schedule. NTCB restored the COASTER service to pre-pandemic levels effective May 29, 2021; **the SVCC service was restored accordingly, effective with the next MTS shake-up on June 6, 2021.**

**Silver Line (Vintage Trolley):** Service will resume in August.

Another update on these services will be provided with the FY 2021 Annual Performance Monitoring Report in Fall 2021.

/s/ Sharon Cooney  
Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachment: A. FY 2021 Q1-Q3 Performance Monitoring Report

**San Diego Metropolitan Transit System**  
**POLICY 42 PERFORMANCE MONITORING REPORT** Att. A, AI 45, 07/29/2021  
**FY 2021: JULY 2020 - MARCH 2021**

Date: 05/20/21 rev

**OBJECTIVE | Develop a Customer-Focused and Competitive System**

The following measures of productivity and service quality are used to ensure that services are focused on providing competitive and attractive transportation that meets our customers' needs.

**Total Passengers**

Route Categories	FY 2019	FY 2020	FY 2021	# Change		% Change	
				FY19 - FY20	FY20 - FY21	FY19 - FY20	FY20 - FY21
Urban Frequent	22,734,899	21,949,816	9,367,825	(785,083)	(12,581,991)	-3.5%	-57.3%
Urban Standard	5,569,385	5,445,157	2,387,633	(124,228)	(3,057,524)	-2.2%	-56.2%
Rapid	4,685,699	5,357,786	1,510,377	672,087	(3,847,409)	14.3%	-71.8%
Express	1,505,146	1,473,850	498,057	(31,296)	(975,793)	-2.1%	-66.2%
Circulator	605,144	622,511	192,874	17,367	(429,637)	2.9%	-69.0%
Premium/Rapid Express	208,920	202,687	23,144	(6,233)	(179,543)	-3.0%	-88.6%
Rural	63,489	48,719	24,405	(14,770)	(24,314)	-23.3%	-49.9%
<b>Fixed-Bus Subtotal</b>	<b>35,372,682</b>	<b>35,100,526</b>	<b>14,004,315</b>	<b>(272,156)</b>	<b>(21,096,211)</b>	<b>-0.8%</b>	<b>-60.1%</b>
Light Rail (Blue, Orange, Green)	27,937,140	28,010,640	13,952,809	73,500	(14,057,831)	0.3%	-50.2%
Light Rail (Silver)	14,933	11,724	82	(3,209)	(11,642)	-21.5%	-99.3%
<b>Light Rail Subtotal</b>	<b>27,952,073</b>	<b>28,022,364</b>	<b>13,952,891</b>	<b>70,291</b>	<b>(14,069,473)</b>	<b>0.3%</b>	<b>-50.2%</b>
<b>ALL Fixed Route</b>	<b>63,324,755</b>	<b>63,122,890</b>	<b>27,957,206</b>	<b>(201,865)</b>	<b>(35,165,684)</b>	<b>-0.3%</b>	<b>-55.7%</b>
Demand-Resp. (MTS Access)	322,353	267,697	64,720	(54,656)	(202,977)	-17.0%	-75.8%
Demand-Resp. (Access Taxi)	46,673	61,382	8,591	14,709	(52,791)	31.5%	-86.0%
<b>Demand-Resp. Subtotal</b>	<b>369,026</b>	<b>329,079</b>	<b>73,311</b>	<b>(39,947)</b>	<b>(255,768)</b>	<b>-10.8%</b>	<b>-77.7%</b>
<b>System</b>	<b>63,693,781</b>	<b>63,451,969</b>	<b>28,030,517</b>	<b>(241,812)</b>	<b>(35,421,452)</b>	<b>-0.4%</b>	<b>-55.8%</b>

**NOTES:** Overall passenger levels had decreased 0.4% in the first nine months of FY 2020 over the same period in FY 2019. COVID-19 severely impacted ridership on nearly every route starting in March 2020, resulting in a 56% year-over-year loss for the first nine months of the fiscal year. This affected every performance measure related to ridership and efficiency.

**Average Weekday Passengers**

Route Categories	FY 2019	FY 2020	FY 2021	# Change		% Change	
				FY19 - FY20	FY20 - FY21	FY19 - FY20	FY20 - FY21
Urban Frequent	99,309	95,051	38,887	(4,258)	(56,164)	-4.3%	-59.1%
Urban Standard	25,525	24,707	10,453	(818)	(14,253)	-3.2%	-57.7%
Rapid	20,830	23,701	6,137	2,872	(17,564)	13.8%	-74.1%
Express	7,256	7,027	2,311	(229)	(4,716)	-3.2%	-67.1%
Circulator	2,907	2,954	960	47	(1,994)	1.6%	-67.5%
Premium/Rapid Express	1,104	1,060	121	(43)	(939)	-3.9%	-88.5%
Rural	334	254	128	(80)	(126)	-23.9%	-49.4%
<b>Fixed-Bus Subtotal</b>	<b>157,264</b>	<b>154,754</b>	<b>58,999</b>	<b>(2,510)</b>	<b>(95,755)</b>	<b>-1.6%</b>	<b>-61.9%</b>
Light Rail (Blue, Orange, Green)	114,750	114,850	56,635	100	(58,215)	0.1%	-50.7%
Light Rail (Silver)	83	79	0	(4)	(79)	-5.3%	-100.0%
<b>Light Rail Subtotal</b>	<b>114,833</b>	<b>114,929</b>	<b>56,635</b>	<b>95</b>	<b>(58,294)</b>	<b>0.1%</b>	<b>-50.7%</b>
<b>ALL Fixed Route</b>	<b>272,098</b>	<b>269,683</b>	<b>115,634</b>	<b>(2,415)</b>	<b>(154,049)</b>	<b>-0.9%</b>	<b>-57.1%</b>
Demand-Resp. (MTS Access)	1,552	1,274	284	(278)	(990)	-17.9%	-77.7%
Demand-Resp. (Access Taxi)	206	269	40	63	(229)	30.8%	-85.3%
<b>Demand-Resp. Subtotal</b>	<b>1,758</b>	<b>1,543</b>	<b>324</b>	<b>(215)</b>	<b>(1,219)</b>	<b>-12.2%</b>	<b>-79.0%</b>
<b>System</b>	<b>273,855</b>	<b>271,226</b>	<b>115,958</b>	<b>(2,629)</b>	<b>(155,268)</b>	<b>-1.0%</b>	<b>-57.2%</b>

**NOTES:** Similar to the overall passenger figures, average weekday ridership decreased by over 57% systemwide due to COVID-19.

**San Diego Metropolitan Transit System**  
**POLICY 42 PERFORMANCE MONITORING REPORT** Att. A, AI 45, 07/29/2021  
**FY 2021: JULY 2020 - MARCH 2021**

Date: 05/20/21 rev

**Passengers per Revenue Hour**

The 'passengers per revenue hour' metric shows how any added or removed **revenue hours** (in-service hours plus layover hours) relate to ridership increases or decreases. Increasing riders per revenue hour would indicate that the system is more efficient, for example, carrying more passengers with the same number of buses.

Route Categories	FY 2019	FY 2020	FY 2021	% Change	
				FY19 - FY20	FY20 - FY21
Urban Frequent	26.7	25.6	11.1	-4.2%	-56.9%
Urban Standard	18.8	18.0	7.9	-4.1%	-56.0%
Rapid	31.5	30.7	8.9	-2.7%	-71.0%
Express	25.4	24.6	8.3	-3.1%	-66.1%
Circulator	13.2	13.7	4.7	3.4%	-65.7%
Premium/Rapid Express	23.9	22.9	5.6	-4.1%	-75.6%
Rural	15.8	12.8	6.2	-19.2%	-51.1%
<b>Fixed-Bus Subtotal</b>	<b>25.0</b>	<b>24.2</b>	<b>9.8</b>	<b>-3.4%</b>	<b>-59.4%</b>
Light Rail (Blue, Orange, Green)	216.5	210.4	100.6	-2.8%	-52.2%
Light Rail (Silver)	21.3	19.5	6.9	-8.4%	-64.4%
<b>Light Rail Subtotal</b>	<b>215.4</b>	<b>209.6</b>	<b>100.6</b>	<b>-2.7%</b>	<b>-52.0%</b>
<b>ALL Fixed Route</b>	<b>41.1</b>	<b>39.8</b>	<b>17.9</b>	<b>-3.0%</b>	<b>-55.2%</b>
Demand-Resp. (MTS Access)	2.0	1.9	1.3	-5.4%	-31.6%
Demand-Resp. (Access Taxi)		3.3	3.4	100.0%	4.6%
<b>Demand-Resp. Subtotal</b>	<b>2.1</b>	<b>2.1</b>	<b>1.4</b>	<b>-2.4%</b>	<b>-32.0%</b>
<b>System</b>	<b>37.1</b>	<b>36.4</b>	<b>17.3</b>	<b>-1.9%</b>	<b>-52.4%</b>

**NOTES:** This figure had decreased 1.9% in the first nine months of FY 2020 over the same period in FY 2019. COVID-19 impacts to ridership levels reduced this productivity measure by 52% year-over-year for the first six months of the fiscal year.

**Weekday Passengers per In-Service Hour**

The 'passengers per in-service hour' measure is related to the above 'passengers per revenue hour,' but shows how many passengers are carried while the vehicle is in-service picking up passengers, excluding layover time. Analyzing this figure helps MTS to understand how effective it is at providing the right level of service (instead of how efficiently MTS is grouping trips and breaks together for a vehicle to operate [revenue hours]).

Route Categories	FY 2019	FY 2020	FY 2021	% Change	
				FY19 - FY20	FY20 - FY21
Urban Frequent	33.7	32.3	13.3	-4.1%	-58.8%
Urban Standard	26.1	24.9	10.5	-4.7%	-57.7%
Rapid	41.6	40.4	10.8	-2.9%	-73.1%
Express	33.5	32.0	10.5	-4.3%	-67.2%
Circulator	17.3	17.9	6.4	3.3%	-64.5%
Premium/Rapid Express	26.4	25.4	6.4	-4.1%	-75.0%
Rural	15.7	12.7	6.2	-19.1%	-50.9%
<b>Fixed-Bus Subtotal</b>	<b>32.3</b>	<b>31.2</b>	<b>12.1</b>	<b>-3.5%</b>	<b>-61.3%</b>
Light Rail (Blue, Orange, Green)	261.2	252.7	117.0	-3.3%	-53.7%
Light Rail (Silver)	23.2	23.2	-	0.2%	-100.0%
<b>Light Rail Subtotal</b>	<b>260.8</b>	<b>252.4</b>	<b>117.0</b>	<b>-3.2%</b>	<b>-53.6%</b>
<b>ALL Fixed Route</b>	<b>51.2</b>	<b>49.7</b>	<b>21.5</b>	<b>-2.9%</b>	<b>-56.7%</b>
Demand-Resp. (MTS Access)	2.0	1.9	1.3	-5.4%	-32.6%
Demand-Resp. (Access Taxi)	-	3.2	3.4	100.0%	8.0%
<b>Demand-Resp. Subtotal</b>	<b>2.1</b>	<b>2.1</b>	<b>1.4</b>	<b>-2.7%</b>	<b>-32.0%</b>
<b>System</b>	<b>44.6</b>	<b>44.0</b>	<b>20.7</b>	<b>-1.4%</b>	<b>-52.9%</b>

**NOTES:** The Weekday Passengers per In-Service Hour metric followed the same trends as Passengers per Revenue Hour.

**On-Time Performance**

On-time performance (OTP) is measured at each bus timepoint for every trip; buses departing timepoints within 0-5 minutes of the scheduled time are considered to be "on-time." Trolley trips arriving at their end terminal within 0-5 minutes of the scheduled time are considered to be "on-time." OTP is measured by service change period in order to show the results of scheduling changes. MTS' goal for on-time performance is 85% for Urban Frequent and Rapid bus routes, and 90% for Trolley and all other bus route categories. Each route is continually evaluated to determine if performance below the target is a result of issues that MTS controls, such as driver performance or scheduling, or situations outside MTS' direct control, such as construction, traffic congestion, and passenger issues. **Performance of fixed bus routes is heavily impacted by construction, stop signs and stop lights, and traffic when they travel through high density corridors.**

Route Categories	Service Change Period					GOAL
	June 2019	Sept. 2019	Jan. 2020	June 2020	Sept. 2020	
Urban Frequent	83.5%	82.1%	86.6%	91.7%	91.9%	85.0%
Urban Standard	87.7%	86.2%	89.3%	92.8%	92.3%	90.0%
Rapid	87.5%	85.1%	88.1%	94.2%	94.0%	85.0%
Express	82.9%	82.3%	88.5%	95.1%	94.5%	90.0%
Circulator	85.1%	85.8%	88.1%	92.7%	93.1%	90.0%
Premium/Rapid Express	86.0%	82.0%	86.8%	91.2%	91.0%	90.0%
Rural	N/A	N/A	N/A	N/A	N/A	
Demand-Resp. (Access & Taxi)	N/A	N/A	N/A	N/A	N/A	
Light Rail (Blue, Orange, Green)	93.6%	93.3%	96.3%	98.0%	97.6%	90.0%
Light Rail (Silver)	98.3%	98.8%	99.6%	N/A	N/A	90.0%
<b>System</b>	<b>85.6%</b>	<b>84.1%</b>	<b>88.4%</b>	<b>92.8%</b>	<b>92.9%</b>	

**NOTES:** Reduced traffic congestion and ridership levels due to COVID-19 resulted in substantial improvements to MTS' on-time performance in every route category. Every category met its Policy 42 goal by June 2020.

**OBJECTIVE | Develop a Sustainable System**

The following measures are used to ensure that transit resources are deployed efficiently and do not exceed budgetary constraints. These resources may be increased over the budgeted amounts in order to respond to heavy passenger loads, special events, or unplanned detours due to construction or route changes. They may be lower than budgeted if underperforming services are reduced, or if not all of the planned capacity is required to meet the ridership demand.

**Scheduled In-Service Hours (Weekly Total)**

Operator	Sept. 2019	Sept. 2020	# Diff	% Diff
MTS Directly-Operated Bus	12,918	12,818	(101)	-0.8%
MTS Contracted Fixed-Route Bus	16,911	16,193	(718)	-4.2%
MTS Rail	2,859	3,102	243	8.5%
<b>System</b>	<b>32,688</b>	<b>32,112</b>	<b>(576)</b>	<b>-1.8%</b>

**NOTES:** Scheduled hours of bus service dropped by 4% for the September 2020 shake-up compared to the year earlier, mostly due to MTS not adding the typical school/college-related capacity and reduced levels of service on some commuter routes. Trolley service increased due to additional frequency on the Blue Line added in January 2020.

**Scheduled In-Service Miles (Weekly Total)**

Operator	Sept. 2019	Sept. 2020	# Diff	% Diff
MTS Directly-Operated Bus	189,824	188,281	(1,543)	-0.8%
MTS Contracted Fixed-Route Bus	232,676	222,115	(10,561)	-4.5%
MTS Rail	60,184	65,481	5,297	8.8%
<b>System</b>	<b>482,684</b>	<b>475,877</b>	<b>(6,806)</b>	<b>-1.4%</b>

**NOTES:** Scheduled bus service miles dropped by 4% for the September 2020 shake-up compared to the year earlier. As with the reduction in scheduled bus hours, this was mostly due to MTS not adding the typical school/college-related capacity and reduced levels of service on some commuter routes.. Trolley service increased due to additional frequency on the Blue Line added in January 2020.

**Scheduled Weekday Peak-Vehicle Requirement**

This measure shows the maximum number of vehicles that are on the road at any one time (a weekday peak period) in order to provide the levels of service that have been scheduled.

Operator	Sept. 2019	Sept. 2020	# Change FY19 - FY20
MTS Directly-Operated Bus	222	220	(2)
MTS Contracted Fixed-Route Bus	312	290	(22)
MTS Rail	103	96	(7)

**NOTES:** Fewer peak buses were required at the September 2020 shake-up versus a year earlier, mostly due to MTS not adding the typical school/college-related capacity and reduced levels of service on some commuter routes. Trolley's peak car requirement was reduced by one due to the temporary suspension of Silver Line service. The frequency added to the Blue Line was in midday and at night, so it did not increase peak train car requirements.

**Scheduled In-Service Speed (MPH) (Weekday)**

Operator	Sept. 2019	Sept. 2020	% Change FY19 - FY20
MTS Directly-Operated Bus	14.6	14.6	0.0%
MTS Contracted Fixed-Route Bus	13.8	13.7	-0.7%
MTS Rail	21.0	21.1	0.5%

**NOTES:** Scheduled bus speeds remained relatively flat year-over-year. Scheduled Trolley speed increased as faster midday and night service was increased on the Blue Line, while the slower Silver Line is temporarily suspended.

**Scheduled In-Service Miles/Total Miles (Weekday)**

The 'in-service miles per total miles' ratio is only calculated for MTS in-house operations, as contractors are responsible for bus and driver assignments (runcutting) for MTS Contract Services.

Operator	Sept. 2019	Sept. 2020	% Change FY19 - FY20
MTS Directly-Operated Bus	86.8%	86.8%	0.0%
MTS Contracted Fixed-Route Bus	N/A	N/A	N/A
MTS Rail	97.4%	98.5%	1.1%

**NOTES:** Efficiency of scheduling has kept the ratio generally consistent over time.

**Scheduled In-Service Hours/Total Hours (Weekday)**

As with the mileage statistic, 'in-service hours' per total hours are only calculated for MTS in-house operations.

Operator	Sept. 2019	Sept. 2020	% Change FY19 - FY20
MTS Directly-Operated Bus	76.0%	75.8%	-0.3%
MTS Contracted Fixed-Route Bus	N/A	N/A	N/A
MTS Rail (Layover Included)	81.8%	84.6%	3.4%

**NOTES:** Efficiency of scheduling has kept the ratio generally consistent over time.

FY 2021 QUARTERLY ROUTE STATISTICS (Thru Q3)

BASE STATISTICS													TITLE VI MONITORING (FY 2020 Annual Statistics) -									
Route	Cat	Jurisdiction (#=SD Dist.)	Passengers Thru Q3	FY20-21 % Change	Avg. Wkly. Psgrs.	Psgrs./Rev. Hr.	Cost/ Psgr.	Average Fare	Subsidy/ Psgr.	Farebox Recovery	Budgeted Rev.Svc.		Route	Minority Route	On-Time Perf.		Weekday Headway			Vehicle Load Factor --		
											Hours	Miles			Goal	Actual	Goal	Peak	Base	Goal	% trips over YLE	> 20%?
Blue	LRT	3,8,NC,CV	7,489,970	(45.3%)	31,423	134.6	\$ 3.88	\$ 1.01	\$ 2.87	25.9%	58,774	1,060,423	Blue	✓	90%	92%	15 min.	7.5	15	3.00	0%	No
Orange	LRT	3,4,8,9,LG,LM,EC	2,894,312	(52.8%)	11,431	78.4	\$ 6.66	\$ 1.01	\$ 5.66	15.1%	37,169	659,955	Orange	✓	90%	94%	15 min.	15	15	3.00	0%	No
Green	LRT	2,3,7,9,LM,EC,ST	3,568,527	(56.4%)	13,781	77.3	\$ 6.76	\$ 1.01	\$ 5.75	14.9%	47,152	890,390	Green		90%	94%	15 min.	15	15	3.00	0%	No
Silver	LRT	3	82	(99.3%)	-	6.9	\$ 75.18	\$ 1.01	\$ 74.17	1.3%	553	4,092	Silver		90%	100%	15 min.	30	30	3.00	0%	No
1	Frq	3,7,9,LM	421,797	(50.5%)	1,803	11.3	\$ 5.37	\$ 1.18	\$ 4.18	22.0%	37,187	332,669	1		85%	86%	15 min.	15	15	1.50	0%	No
2	Frq	3	219,639	(64.0%)	901	8.5	\$ 17.27	\$ 1.68	\$ 15.58	9.7%	25,972	201,225	2		85%	89%	15 min.	12	15	1.50	0%	No
3	Frq	3,4,8,9	528,367	(52.8%)	2,264	13.0	\$ 4.07	\$ 1.20	\$ 2.87	29.5%	43,004	335,384	3	✓	85%	83%	15 min.	12	12	1.50	0%	No
4	Std	3,4,8,9	227,201	(50.9%)	948	12.0	\$ 12.19	\$ 1.63	\$ 10.55	13.4%	18,373	194,444	4	✓	85%	88%	30 min.	30	30	1.50	0%	No
5	Frq	3,4,8,9	222,565	(57.4%)	967	11.8	\$ 4.54	\$ 1.20	\$ 3.34	26.4%	18,807	148,355	5	✓	85%	90%	15 min.	12	12	1.50	0%	No
6	Frq	3,7	125,719	(50.1%)	524	9.1	\$ 16.06	\$ 1.69	\$ 14.37	10.5%	13,811	119,775	6		85%	90%	15 min.	15	15	1.50	0%	No
7	Frq	3,4,9	754,001	(53.0%)	2,915	13.5	\$ 10.79	\$ 1.63	\$ 9.15	15.1%	56,000	430,613	7	✓	85%	88%	15 min.	10	10	1.50	0%	No
8	Frq	2,3	150,958	(49.3%)	538	12.0	\$ 12.16	\$ 1.63	\$ 10.53	13.4%	14,460	149,105	8		85%	91%	15 min.	20	20	1.50	0%	No
9	Frq	2,3	98,433	(63.3%)	388	9.4	\$ 15.45	\$ 1.64	\$ 13.80	10.6%	12,729	133,254	9		85%	91%	15 min.	20	20	1.50	0%	No
10	Frq	2,3,4,9	409,347	(51.1%)	1,740	13.5	\$ 10.79	\$ 1.71	\$ 9.07	15.9%	32,722	300,622	10		85%	89%	15 min.	12	15	1.50	0%	No
11	Frq	3,9	216,498	(58.1%)	910	7.7	\$ 18.87	\$ 1.70	\$ 17.17	9.0%	27,932	274,039	11		85%	87%	15 min.	15	15	1.50	0%	No
12	Frq	3,4,8,9	354,761	(58.6%)	1,485	10.8	\$ 13.51	\$ 1.61	\$ 11.91	11.9%	33,494	326,418	12	✓	85%	90%	15 min.	7.5/15	15	1.50	0%	No
13	Frq	4,7,9,NC	620,757	(54.7%)	2,612	13.9	\$ 10.55	\$ 1.61	\$ 8.94	15.3%	47,633	471,350	13	✓	85%	90%	15 min.	12	12	1.50	0%	No
14	Circ	7,9,LM	13,680	(64.9%)	72	2.8	\$ 22.86	\$ 1.08	\$ 21.77	4.7%	4,826	47,487	14		90%	85%	60 min.	60	60	1.00	0%	No
18	Circ	3,7	6,880	(65.4%)	36	3.5	\$ 18.55	\$ 1.10	\$ 17.46	5.9%	1,970	29,748	18		90%	91%	60 min.	30	30	1.00	0%	No
20	Exp	3,5,6,7	155,394	(58.2%)	660	6.0	\$ 24.50	\$ 1.66	\$ 22.84	6.8%	26,085	487,118	20		90%	91%	30 min.	15/30	30	1.50	0%	No
25	Circ	6,7	13,625	(71.0%)	72	2.9	\$ 22.33	\$ 1.08	\$ 21.25	4.8%	4,687	58,929	25		90%	88%	60 min.	60	60	1.00	0%	No
27	Std	2,6	60,967	(57.6%)	283	5.4	\$ 11.82	\$ 1.29	\$ 10.53	10.9%	11,366	102,978	27		85%	87%	30 min.	30	30	1.50	0%	No
28	Std	2,3	90,839	(64.3%)	374	9.6	\$ 4.84	\$ 1.18	\$ 3.66	24.3%	10,212	69,897	28		85%	93%	30 min.	15/30	30	1.50	0%	No
30	Frq	1,2,3	404,026	(64.3%)	1,561	7.7	\$ 18.94	\$ 1.67	\$ 17.27	8.8%	52,502	659,708	30		85%	87%	15 min.	15	15	1.50	0%	No
31	Std	1,6	35,574	(58.4%)	187	9.7	\$ 15.11	\$ 1.69	\$ 13.41	11.2%	6,024	72,658	31	✓	85%	90%	30 min.	30	-	1.50	0%	No
35	Std	2,3	181,889	(55.5%)	733	10.7	\$ 3.92	\$ 1.19	\$ 2.73	30.4%	16,938	105,037	35		85%	92%	15 min.	15	15	1.50	0%	No
41	Frq	1,6,7	227,462	(73.4%)	906	8.5	\$ 17.21	\$ 1.70	\$ 15.51	9.9%	27,354	347,170	41		85%	90%	15 min.	7.5/15	15	1.50	0%	No
44	Frq	2,3,6,7	289,661	(59.9%)	1,179	10.8	\$ 13.58	\$ 1.64	\$ 11.95	12.1%	28,108	312,217	44	✓	85%	88%	15 min.	7.5/15	15	1.50	0%	No
50	Exp	1,2,3,6	28,906	(70.9%)	152	5.1	\$ 28.49	\$ 1.68	\$ 26.81	5.9%	5,704	86,366	50		90%	90%	30 min.	30	-	1.50	0%	No
60	Exp	1,3,4,6,9	25,986	(58.1%)	136	10.5	\$ 13.97	\$ 1.69	\$ 12.28	12.1%	2,413	44,274	60		90%	79%	30 min.	20/30	-	1.50	0%	No
83	Circ	3	6,269	(69.9%)	33	2.6	\$ 24.89	\$ 1.08	\$ 23.81	4.3%	2,413	19,410	83		90%	96%	60 min.	60	60	1.00	0%	No
84	Circ	2	6,735	(67.4%)	35	3.0	\$ 21.61	\$ 1.08	\$ 20.53	5.0%	2,252	26,611	84		90%	93%	60 min.	60	60	1.00	0%	No
88	Circ	3,7	37,667	(36.3%)	167	10.7	\$ 6.02	\$ 1.07	\$ 4.96	17.7%	4,276	47,433	88		90%	90%	60 min.	30	30	1.00	0%	No
105	Std	1,2,3,6	84,057	(63.9%)	372	8.1	\$ 18.13	\$ 1.66	\$ 16.47	9.1%	10,436	131,420	105		85%	91%	30 min.	30	30	1.50	0%	No
110	Exp	3,6	17,980	(25.3%)	95	13.2	\$ 11.12	\$ 1.73	\$ 9.38	15.6%	1,896	41,375	110		90%	87%	30 min.	20/30	-	1.50	0%	No
115	Std	7,9,LM,EC	43,234	(77.9%)	188	3.5	\$ 19.47	\$ 1.29	\$ 18.18	6.6%	12,659	146,588	115		85%	89%	30 min.	30	30	1.50	0%	No
120	Frq	3,6,7	212,636	(56.2%)	912	8.4	\$ 17.42	\$ 1.65	\$ 15.77	9.5%	25,495	268,517	120		85%	90%	15 min.	15/30	15/30	1.50	0%	No
150	Exp	1,2,3	159,877	(75.2%)	766	8.7	\$ 16.88	\$ 1.73	\$ 15.15	10.3%	21,554	350,266	150		90%	83%	30 min.	7.5/15/30	30	1.50	0%	No
201/202^	Rpd	1	255,856	(88.0%)	1,037	8.2	\$ 17.73	\$ 1.87	\$ 15.85	10.6%	34,294	321,378	201/202^		85%	89%	15 min.	5	10	1.50	0%	No
204^	Rpd	1	6,805	(88.8%)	36	2.2	\$ 65.99	\$ 1.73	\$ 64.26	2.6%	3,053	23,701	204^		85%	89%	15 min.	30	30	1.50	0%	No
215^	Rpd	3,9	539,815	(61.0%)	2,108	12.1	\$ 12.10	\$ 1.71	\$ 10.40	14.1%	47,346	474,033	215^		85%	87%	15 min.	10	15	1.50	0%	No
225^	Rpd	3,8,CV	181,786	(61.6%)	741	5.6	\$ 23.79	\$ 1.68	\$ 22.11	7.1%	32,393	654,836	225^	✓	85%	89%	15 min.	15	30	1.50	0%	No
235^	Rpd	3,5,6,9,Esc	490,800	(56.2%)	2,031	9.9	\$ 14.75	\$ 1.67	\$ 13.08	11.3%	52,691	1,244,905	235^		85%	88%	15 min.	15	15	1.50	0%	No
237^	Rpd	1,6	35,315	(80.8%)	184	4.0	\$ 36.22	\$ 1.75	\$ 34.47	4.8%	8,845	108,823	237^	✓	85%	94%	15 min.	15	-	1.50	0%	No
280	RpEx	3,5,Esc	13,159	(85.2%)	69	6.1	\$ 41.33	\$ 7.29	\$ 34.04	17.6%	4,326	134,026	280		90%	84%	30 min.	15	-	1.00	0%	No
290	RpEx	3,5	9,985	(91.2%)	52	5.0	\$ 40.59	\$ 7.33	\$ 33.26	18.1%	4,490	123,781	290		90%	89%	30 min.	10	-	1.00	0%	No

FY 2021 QUARTERLY ROUTE STATISTICS (Thru Q3)

BASE STATISTICS														TITLE VI MONITORING (FY 2020 Annual Statistics) -								
Route	Cat	Jurisdiction (#=SD Dist.)	Passengers Thru Q3	FY20-21 % Change	Avg. Wkly. Psgrs.	Psgrs./Rev. Hr.	Cost/ Psgr.	Average Fare	Subsidy/ Psgr.	Farebox Recovery	Budgeted Rev.Svc.		Route	Minority Route	On-Time Perf.		Weekday Headway			Vehicle Load Factor --		
											Hours	Miles			Goal	Actual	Goal	Peak	Base	Goal	% trips over VLF	> 20%?
701	Frq	CV	142,842	(63.5%)	664	7.4	\$ 9.23	\$ 1.17	\$ 8.06	12.7%	19,315	193,526	701	✓	85%	88%	15 min.	15	15	1.50	0%	No
704	Std	CV	133,845	(57.6%)	609	8.5	\$ 8.60	\$ 1.19	\$ 7.42	13.8%	15,792	168,986	704	✓	85%	87%	30 min.	30	30	1.50	0%	No
705	Std	CV,NC,Cty	55,100	(66.3%)	264	6.3	\$ 9.35	\$ 1.16	\$ 8.19	12.4%	9,405	81,520	705	✓	85%	95%	30 min.	30/60	30/60	1.50	0%	No
707	Std	CV	28,845	(67.6%)	151	3.9	\$ 15.83	\$ 1.17	\$ 14.65	7.4%	7,467	66,926	707	✓	85%	92%	30 min.	30	30	1.50	0%	No
709	Frq	CV	193,522	(70.0%)	860	8.8	\$ 8.44	\$ 1.18	\$ 7.26	13.9%	23,199	254,941	709	✓	85%	87%	15 min.	7.5/15	15	1.50	0%	No
712	Frq	CV	165,325	(70.4%)	726	9.2	\$ 7.56	\$ 1.17	\$ 6.39	15.4%	18,771	193,570	712	✓	85%	89%	15 min.	15	15	1.50	0%	No
815	Frq	EC	154,485	(55.4%)	669	12.1	\$ 4.25	\$ 1.30	\$ 2.96	30.5%	12,800	94,942	815		85%	90%	15 min.	15	15	1.50	0%	No
816	Std	EC,Cty	45,194	(61.0%)	238	7.0	\$ 10.95	\$ 1.31	\$ 9.63	12.0%	6,475	71,155	816		85%	92%	30 min.	30	30	1.50	0%	No
832	Std	ST	7,684	(70.9%)	30	3.8	\$ 18.08	\$ 1.23	\$ 16.84	6.8%	2,004	21,004	832		85%	91%	30 min.	60	60	1.50	0%	No
833	Std	EC,ST	32,924	(56.3%)	143	6.0	\$ 10.85	\$ 1.07	\$ 9.79	9.8%	5,531	54,808	833		85%	81%	30 min.	35-45	35-45	1.50	0%	No
834	Std	ST	7,878	(59.9%)	41	4.4	\$ 16.36	\$ 1.32	\$ 15.05	8.0%	1,809	18,552	834		85%	84%	30 min.	60	60	1.50	0%	No
838	Std	Cty	80,209	15.6%	311	8.8	\$ 7.37	\$ 1.07	\$ 6.29	14.6%	7,760	116,643	838		85%	84%	30 min.	60	60	1.50	0%	No
848	Std	EC,Cty	101,573	(54.0%)	406	8.4	\$ 7.85	\$ 1.28	\$ 6.57	16.3%	14,802	144,817	848		85%	90%	30 min.	30	30	1.50	0%	No
851	Circ	LM,Cty	17,601	(64.0%)	93	6.7	\$ 9.60	\$ 1.04	\$ 8.56	10.9%	4,372	50,819	851	✓	90%	91%	60 min.	60	60	1.00	0%	No
852	Std	4,9,LM	93,639	(54.7%)	379	6.7	\$ 9.31	\$ 1.30	\$ 8.01	14.0%	13,941	126,200	852		85%	92%	30 min.	30	30	1.50	0%	No
854	Std	7,LM	13,225	(83.2%)	69	5.0	\$ 14.80	\$ 1.32	\$ 13.48	8.9%	5,284	57,760	854		85%	97%	30 min.	30/60	30/60	1.50	0%	No
855	Std	LM,Cty	63,143	(58.5%)	275	9.3	\$ 7.06	\$ 1.29	\$ 5.77	18.3%	7,757	73,314	855		85%	93%	30 min.	30	30	1.50	0%	No
856	Std	4,9,LG,Cty	167,332	(55.6%)	758	9.4	\$ 7.91	\$ 1.29	\$ 6.62	16.3%	17,840	191,073	856	✓	85%	85%	30 min.	30	30	1.50	0%	No
864	Std	EC,Cty	145,315	(30.6%)	581	12.5	\$ 4.74	\$ 1.30	\$ 3.44	27.4%	11,608	99,417	864		85%	89%	30 min.	30	30	1.50	0%	No
872	Exp	EC	12,945	(59.7%)	68	5.2	\$ 9.18	\$ 1.32	\$ 7.86	14.4%	2,495	17,089	872		85%	97%	30 min.	30	30	1.50	0%	No
874/875	Std	EC	123,030	(53.7%)	548	9.5	\$ 6.99	\$ 1.29	\$ 5.70	18.5%	12,882	123,904	874/875		85%	89%	30 min.	30	30	1.50	0%	No
888	Rural	EC,Cty	759	(45.8%)	9	1.7	\$ 112.41	\$ 1.76	\$ 110.65	1.6%	413	13,124	888									
891	Rural	EC,Cty	317	(62.8%)	8	1.4	\$ 142.02	\$ 3.31	\$ 138.71	2.3%	248	6,876	891									
892	Rural	EC,Cty	204	(75.1%)	6	1.0	\$ 199.01	\$ 4.40	\$ 194.61	2.2%	248	6,588	892									
894	Rural	EC,Cty	23,125	(49.3%)	122	7.6	\$ 22.45	\$ 3.64	\$ 18.80	16.2%	4,136	76,414	894									
901	Frq	3,8,IB,Cor	245,194	(55.6%)	1,037	7.8	\$ 11.70	\$ 1.18	\$ 10.51	10.1%	33,167	443,888	901		85%	92%	15 min.	15	30	1.50	0%	No
904*	Circ	Cor	6,388	(94.8%)	25	2.6	\$ 13.06	\$ 1.12	\$ 11.94	8.6%	6,193	31,431	904*		90%	92%	60 min.	60	60	1.50	0%	No
905	Std	8	173,456	(49.4%)	779	15.0	\$ 6.46	\$ 1.16	\$ 5.30	17.9%	11,518	161,400	905	✓	85%	92%	30 min.	15/30	30	1.50	0%	No
906/907	Frq	8	549,691	(53.1%)	2,285	16.7	\$ 2.86	\$ 1.17	\$ 1.69	40.8%	32,810	229,014	906/907	✓	85%	86%	15 min.	15	15	1.50	0%	No
909	Circ	8	19,559	(50.7%)	102	7.0	\$ 11.53	\$ 1.15	\$ 10.38	10.0%	2,746	34,838	909	✓	90%	93%	60 min.	60+	60+	1.5	0%	No
916/917	Std	4,LG	53,563	(55.9%)	242	6.2	\$ 12.38	\$ 1.17	\$ 11.22	9.4%	8,678	99,803	916/917	✓	85%	83%	30 min.	30/60	30/60	1.50	0%	No
921	Std	1,6	66,366	(63.9%)	272	5.6	\$ 11.65	\$ 1.29	\$ 10.36	11.0%	11,902	116,072	921	✓	85%	88%	30 min.	30	30	1.50	0%	No
923	Std	2,3	52,424	(65.8%)	274	5.2	\$ 12.00	\$ 1.17	\$ 10.83	9.7%	10,114	92,340	923		85%	90%	30 min.	30	30	1.50	0%	No
928	Std	6,7	87,762	(58.4%)	413	7.5	\$ 9.60	\$ 1.32	\$ 8.28	13.7%	12,610	135,575	928		85%	85%	30 min.	30	30	1.50	0%	No
929	Frq	3,8,CV,NC	696,614	(53.5%)	2,877	14.8	\$ 4.60	\$ 1.21	\$ 3.39	26.3%	50,125	499,700	929	✓	85%	80%	15 min.	12	15	1.00	0%	No
932	Frq	8,CV,NC	354,974	(55.8%)	1,542	11.7	\$ 5.67	\$ 1.17	\$ 4.49	20.7%	30,198	295,409	932	✓	85%	86%	15 min.	15	15	1.50	0%	No
933/934	Frq	8,IB	492,952	(57.5%)	2,080	11.5	\$ 7.03	\$ 1.17	\$ 5.86	16.7%	43,002	510,748	933/934	✓	85%	75%	15 min.	12	15	1.50	0%	No
936	Std	4,9,LG,Cty	160,428	(49.4%)	606	10.2	\$ 5.91	\$ 1.30	\$ 4.61	21.9%	15,704	137,032	936	✓	85%	85%	30 min.	30	30	1.50	0%	No
944	Std	5,PW	19,794	(57.1%)	95	3.4	\$ 18.97	\$ 1.07	\$ 17.90	5.7%	5,813	62,576	944		85%	96%	30 min.	30	30	1.00	0%	No
945	Std	5,PW	38,907	(55.9%)	183	#DIV/0!	\$ 15.01	\$ 1.06	\$ 13.95	7.1%	9,425	131,226	945		85%	88%	30 min.	30	30	1.50	0%	No
945A	Std	PW	43	(99.3%)	6	-	\$ -	\$ -	\$ -	0.0%	754	10,562	945A		85%	90%	30 min.	30	30	1.50	0%	No
950	Exp	8	109,914	(59.8%)	502	19.1	\$ 6.31	\$ 1.19	\$ 5.12	18.8%	5,785	99,063	950	✓	90%	97%	30 min.	12/20	20	1.50	0%	No
955	Frq	4,8,9,NC	441,991	(54.6%)	1,836	12.0	\$ 5.23	\$ 1.18	\$ 4.05	22.5%	36,757	339,829	955	✓	85%	87%	15 min.	12	12	1.50	0%	No
961	Frq	4,NC	162,138	(60.5%)	670	9.2	\$ 7.57	\$ 1.18	\$ 6.38	15.6%	20,332	208,409	961	✓	85%	89%	15 min.	15/30	15/30	1.50	0%	No
962	Frq	4,NC,Cty	221,028	(46.1%)	900	11.3	\$ 6.04	\$ 1.18	\$ 4.86	19.6%	19,424	196,344	962	✓	85%	87%	15 min.	15	15	1.50	0%	No
963	Std	4,NC	55,044	(53.8%)	229	7.7	\$ 7.20	\$ 1.16	\$ 6.04	16.1%	7,632	62,506	963	✓	85%	91%	30 min.	30	30	1.50	0%	No



FY 2021 QUARTERLY ROUTE STATISTICS (Thru Q3)

BASE STATISTICS													TITLE VI MONITORING (FY 2020 Annual Statistics) -									
Route	Cat	Jurisdiction (#=SD Dist.)	Passengers Thru Q3	FY20-21 % Change	Avg. Wkdy. Psgrs.	Psgrs./ Rev. Hr.	Cost/ Psgr.	Average Fare	Subsidy/ Psgr.	Farebox Recovery	Budgeted Rev.Svc.		Route	Minority Route	On-Time Perf.		Weekday Headway			Vehicle Load Factor --		
											Hours	Miles			Goal	Actual	Goal	Peak	Base	Goal	% trips over VLF	> 20%?
964	Circ	5,6	38,186	(61.3%)	201	5.0	\$ 13.06	\$ 1.05	\$ 12.00	8.1%	7,708	73,718	964	✓	90%	91%	60 min.	30	30	1.00	0%	No
965	Circ	9	19,917	(51.9%)	92	5.6	\$ 11.46	\$ 1.06	\$ 10.40	9.2%	3,837	39,055	965	✓	90%	86%	60 min.	35-45	35-45	1.00	0%	No
967	Std	4,NC	12,525	(52.5%)	66	4.7	\$ 13.92	\$ 1.08	\$ 12.83	7.8%	2,698	24,016	967	✓	85%	93%	30 min.	60	60	1.50	0%	No
968	Std	NC	13,568	(63.4%)	71	4.3	\$ 15.85	\$ 1.17	\$ 14.68	7.4%	6,971	70,211	968	✓	85%	90%	30 min.	60+	60+	1.50	0%	No
972**	Circ	1,6	1,739	(92.0%)	9	3.7	\$ 22.38	\$ 1.00	\$ 21.38	4.5%	984	11,949	972**			0%			1.00	0%	No	
973**	Circ	1,6	1,489	(87.5%)	8	3.0	\$ 27.16	\$ 1.00	\$ 26.16	3.7%	999	14,675	973**	✓		0%			1.00	0%	No	
974***	Circ	1	684	100.0%	4	1.6	\$ 50.53	\$ 1.00	\$ 49.53	2.0%	923	9,703	974***			0%			1.00	0%	No	
978**	Circ	1	972	(92.0%)	5	2.2	\$ 38.26	\$ 1.00	\$ 37.26	2.6%	978	11,577	978**			0%			1.00	0%	No	
979**	Circ	1	1,483	(89.4%)	8	3.5	\$ 23.75	\$ 1.00	\$ 22.75	4.2%	940	8,796	979**			0%			1.00	0%	No	
992	Frq	2,3	108,553	(66.3%)	405	6.3	\$ 8.58	\$ 1.11	\$ 7.47	13.0%	18,387	145,197	992		85%	81%	15 min.	15	15	1.50	0%	No
Access	D.R.	ALL	64,720	(75.8%)	284	1.3	\$ 111.53	\$ 4.24	\$ 107.29	3.8%												
Taxi	D.R.	ALL	8,591	(86.0%)	40	3.4	\$ 42.24	\$ 4.51	\$ 37.72	10.7%												
<b>TOTAL</b>			<b>28,030,517</b>	<b>(55.8%)</b>	<b>115,958</b>	<b>17.3</b>	<b>\$ 8.07</b>	<b>\$ 1.22</b>	<b>\$ 6.85</b>	<b>15.2%</b>	<b>1,637,848</b>	<b>19,203,433</b>										

FTA defines **Minority** persons to include the following: (1) American Indian and Alaska Native, (2) Asian, (3) Black or African American, (4) Hispanic or Latino, (5) Native Hawaiian or Other Pacific Islander.  
 FTA defines **Minority Route** as one with at least 1/3 of its total mileage in a census block(s) with a percentage of minority population that exceeds the percentage of minority population in the entire MTS service area.  
 Source: [https://www.transit.dot.gov/sites/fta.dot.gov/files/dovs/FTA\\_Title\\_VI\\_FINAL.pdf](https://www.transit.dot.gov/sites/fta.dot.gov/files/dovs/FTA_Title_VI_FINAL.pdf)

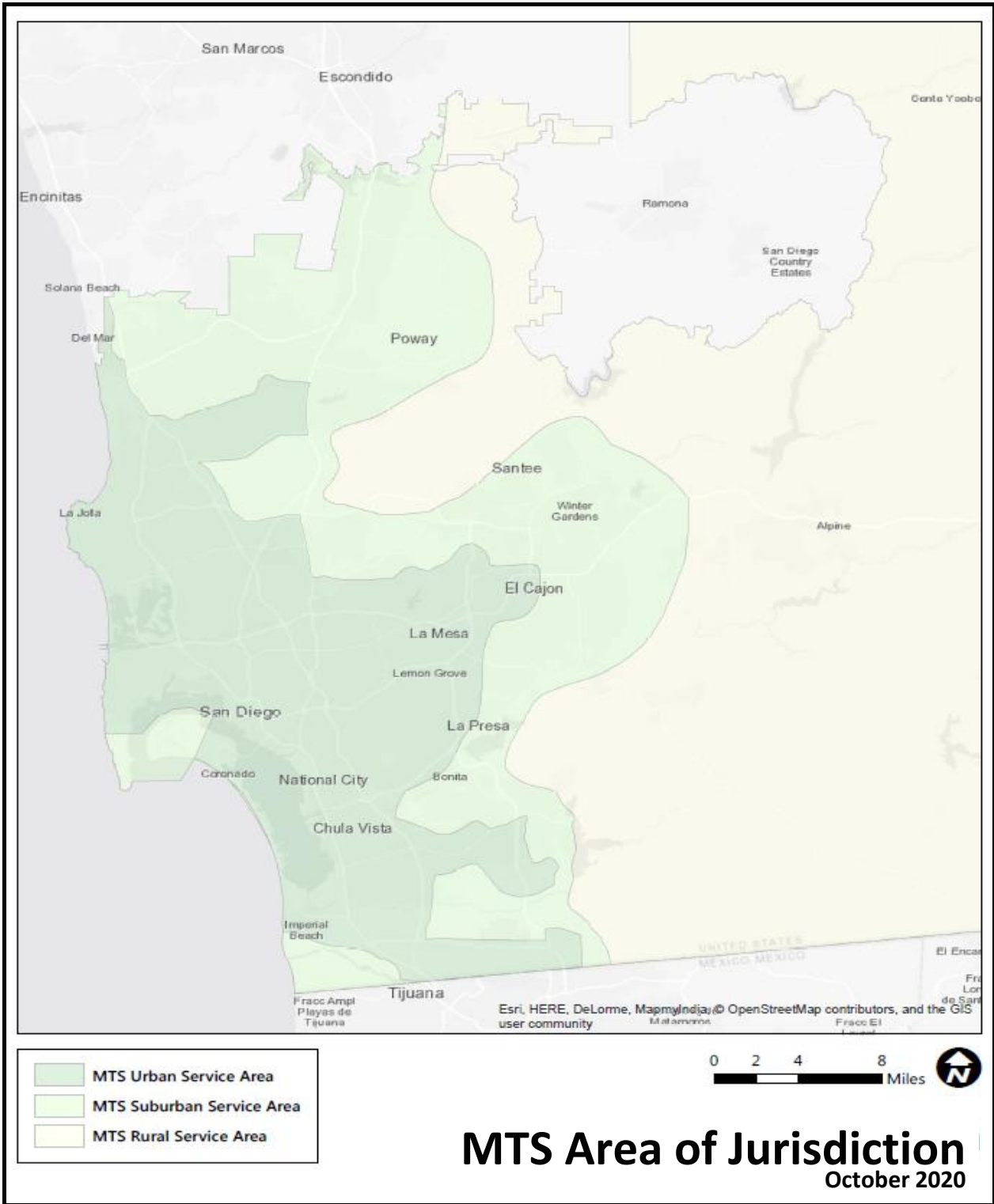
Route Category	Q1-Q2 Passengers	FY19-20 % Change	Avg. Wkday. Psgrs.	Psgrs./ Rev. Hr.	Cost/ Psgr.	Average Fare	Subsidy/ Psgr.	Farebox Recovery
Urban Frequent	9,367,825	-57.3%	38,887	11.1	\$ 9.21	\$ 1.39	\$ 7.82	15.1%
Urban Standard	2,387,633	-56.2%	10,453	7.9	\$ 9.50	\$ 1.29	\$ 8.21	13.6%
Rapid ^	1,510,377	-71.8%	6,137	8.9	\$ 16.13	\$ 1.72	\$ 14.41	10.7%
Express	498,057	-66.2%	2,311	8.3	\$ 17.24	\$ 1.59	\$ 15.66	9.2%
Circulator	192,874	-69.0%	960	4.7	\$ 13.81	\$ 1.07	\$ 12.74	7.8%
Premium/Rapid Express	23,144	-88.6%	121	5.6	\$ 41.01	\$ 7.31	\$ 33.70	17.8%
Rural ^^	24,405	-49.9%	128	6.2	\$ 28.27	\$ 3.59	\$ 24.68	12.7%
<b>Fixed Bus Subtotal</b>	<b>14,004,315</b>	<b>-60.1%</b>	<b>58,999</b>	<b>9.8</b>	<b>\$ 10.44</b>	<b>\$ 1.43</b>	<b>\$ 9.02</b>	<b>13.7%</b>
Light Rail (B,O,G)	13,952,809	-50.2%	56,635	100.6	\$ 5.19	\$ 1.01	\$ 4.19	19.4%
Light Rail (Silver)	82	-99.3%	-	6.9	\$ 75.18	\$ 1.01	\$ 74.17	1.3%
<b>Light Rail Subtotal</b>	<b>13,952,891</b>	<b>-50.2%</b>	<b>56,635</b>	<b>100.6</b>	<b>\$ 5.19</b>	<b>\$ 1.01</b>	<b>\$ 4.19</b>	<b>19.4%</b>
<b>ALL Fixed-Route</b>	<b>27,957,206</b>	<b>-55.7%</b>	<b>115,634</b>	<b>17.9</b>	<b>\$ 7.82</b>	<b>\$ 1.22</b>	<b>\$ 6.61</b>	<b>15.5%</b>
MTS Access	64,720	-75.8%	284	1.3	\$ 111.53	\$ 4.24	\$ 107.29	3.8%
Access Taxi	8,591	-86.0%	40	3.4	\$ 42.24	\$ 4.51	\$ 37.72	10.7%
<b>Demand-Resp Subtotal</b>	<b>73,311</b>	<b>-77.7%</b>	<b>324</b>	<b>1.4</b>	<b>\$ 103.41</b>	<b>\$ 4.28</b>	<b>\$ 99.14</b>	<b>4.1%</b>
<b>System Total</b>	<b>28,030,517</b>	<b>-55.8%</b>	<b>115,958</b>	<b>17.3</b>	<b>\$ 8.07</b>	<b>\$ 1.22</b>	<b>\$ 6.85</b>	<b>15.2%</b>

\* City of Coronado subsidized fares for summer service on Route 904.  
 \*\* SVCC Fares and one-half of the subsidy are paid for by NCTD.  
 \*\*\* Route 974 SVCC connection to UCSD service starts January 2020  
 ^ SANDAG reimburses MTS for net operating costs for Routes 201-237 (TransNet funds).  
 ^^ Routes 888, 891, 892, and 894 receive federal rural operating subsidy.  
 & Rural and Demand Response services have no specific Policy 42 goals for on-time performance, headway, or vehicle load.

NC=National City, CV=Chula Vista  
 IB=Imperial Beach, LG=Lemon Grove, LM=La Mesa  
 EC=El Cajon, ST=Santee, PW=Poway  
 Cor=Coronado, Cty=County Uninc., Esc=Escondido  
 SD Dist.=City of San Diego Council District

SERVICE AVAILABILITY	
Goal	Actual
80% of residents or jobs within 1/4 mile of a bus stop or rail station in urban area	% of <b>residents</b> within 1/2 mile of a bus stop or rail station in urban areas: <b>99.0%</b> % of <b>jobs</b> within 1/2 mile of a bus stop or rail station in urban areas: <b>99.2%</b>
100% of suburban residences within 5 miles of a bus stop or rail station.	% of suburban residents within 5 miles of a bus stop or rail station: <b>100.0%</b>
One return trip at least 2 days/week to destinations from rural villages (defined as Lakeside and Alpine).	Available Service: <b>Route 848 serves Lakeside seven days a week and Route 838 serves Alpine seven days a week.</b>

See attached map entitled 'Metropolitan Transit System Area of Jurisdiction.'  
 -- Title VI Monitoring statistics are updated on an annual basis  
 -- No trips averaged above the vehicle load factor target (1.5 for most bus routes, 3.0 for Trolley).





# FY 2021 Q1-Q3 Performance Monitoring Report

MTS Board of Directors  
July 29, 2021

# Policy 42 Evaluation Criteria

CUSTOMER FOCUSED/COMPETITIVE		INTEGRATED	SUSTAINABLE	
PRODUCTIVITY	QUALITY	CONNECTIVITY	RESOURCES	EFFICIENCY
<ul style="list-style-type: none"> <li>• Total Passengers</li> <li>• Average Weekday Passengers</li> <li>• Passengers/ Revenue Hour</li> <li>• Passengers/ In-Service Hour</li> </ul>	<ul style="list-style-type: none"> <li>• Passenger Load Factor</li> <li>• On-Time Performance</li> <li>• Accidents/ 100,000 Miles</li> <li>• Comments/ 100,000 Passengers</li> <li>• Mean Distance Between Failures</li> </ul>	<ul style="list-style-type: none"> <li>• Route Headway</li> <li>• Span-of- Service Consistency</li> <li>• Service Availability</li> </ul>	<ul style="list-style-type: none"> <li>• In-Service Miles</li> <li>• In-Service Hours</li> <li>• Peak Vehicle Requirement</li> </ul>	<ul style="list-style-type: none"> <li>• In-Service Speed</li> <li>• In-Service/Total Miles</li> <li>• In-Service/Total Hours</li> <li>• Farebox Recovery Ratio</li> <li>• Subsidy/Passenger</li> </ul>

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## Ridership

- MTS ridership had been up 2.8% in FY 2020 until Covid-19 hit in mid-March 2020
- FY 2021 (Q1-Q3) results similar to last quarter of FY 2020:
  - Ridership down 55-65%. Creeps up as restrictions ease, goes back down during closures
  - Trends likely to continue until schools, workplaces re-open
    - Colleges are a significant portion of MTS ridership
    - Commuter-oriented services hardest hit
- MTS results similar to most other agencies around the country and world

## Total Passengers

- Q1-Q3 (nine-month totals)
- **Policy 42 GOAL** is a year-over-year improvement by Route, Category, and System
- Ridership steady at ~40-45% of baseline since Summer 2020.
- Slight uptick in Fall 2020, but receded again with lockdown November '20- February '21

Route Categories	FY 2019 <i>July-Mar.</i>	FY 2020 <i>July-Mar.</i>	FY 2021 <i>July-Mar.</i>	% Change FY20-FY21
Urban Frequent	22,737,899	21,949,816	9,367,825	-57.3%
Urban Standard	5,569,385	5,445,157	2,387,633	-56.2%
Rapid	4,685,699	5,357,786	1,510,377	-71.8%
Express	1,505,146	1,473,850	498,057	-66.2%
Circulator	605,144	622,511	192,874	-69.0%
Rapid Express	208,920	202,687	23,144	-88.6%
Rural	63,489	48,719	24,405	-49.9%
<b>Fixed-Route Bus</b>	<b>35,372,682</b>	<b>35,100,526</b>	<b>14,004,315</b>	<b>-60.1%</b>
<b>Light Rail</b>	<b>27,952,073</b>	<b>28,022,364</b>	<b>13,952,891</b>	<b>-50.2%</b>
<b>All Fixed-Route</b>	<b>63,324,755</b>	<b>63,122,890</b>	<b>27,956,888</b>	<b>-55.7%</b>
MTS Access	369,026	233,087	73,311	-77.7%
<b>System</b>	<b>63,693,781</b>	<b>63,451,969</b>	<b>28,030,517</b>	<b>-55.8%</b>

<i>Average Weekday</i>	<i>273,855</i>	<i>271,226</i>	<i>115,958</i>	<i>-57.2%</i>
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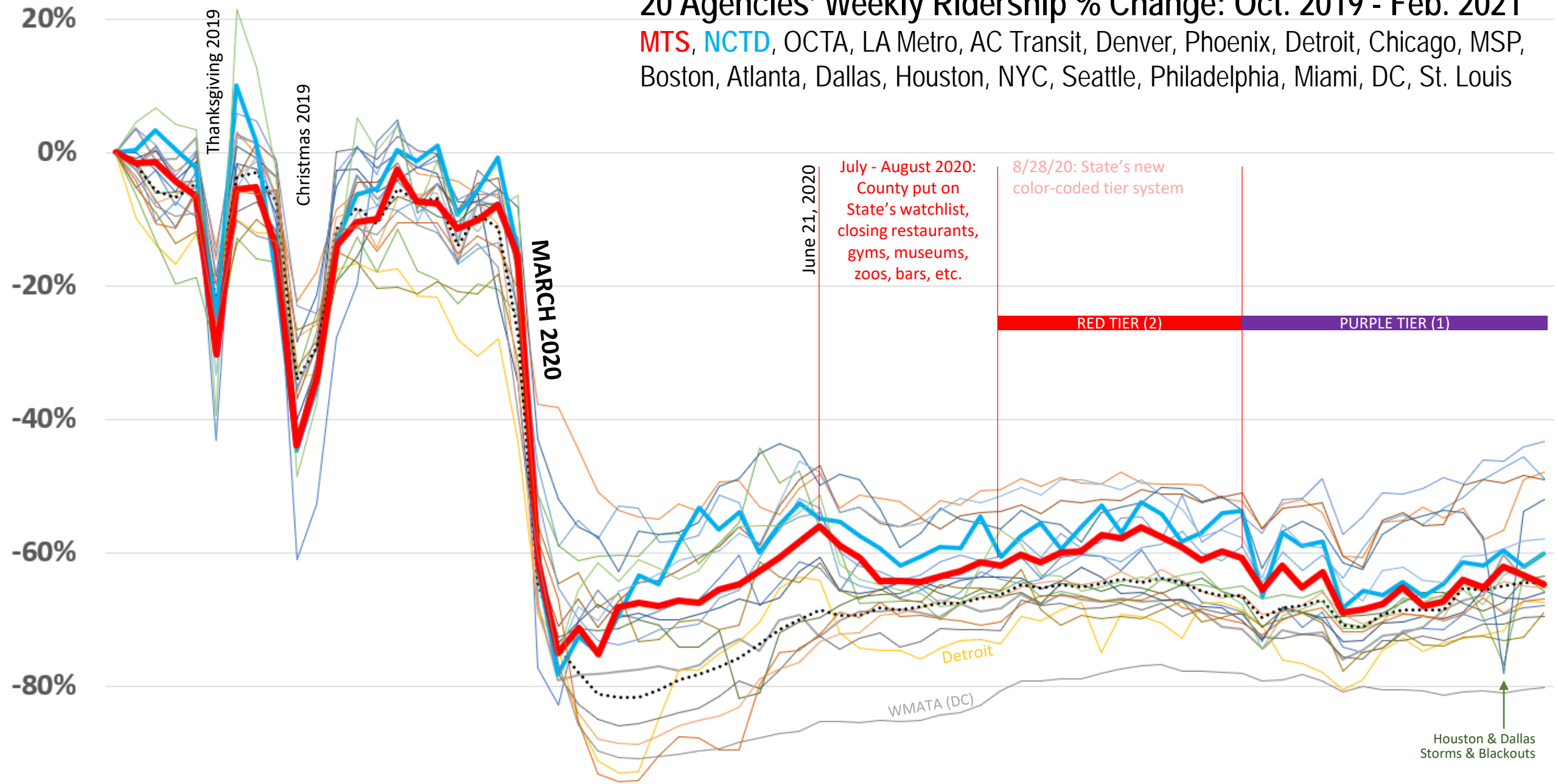
## Passengers Per Revenue Hour

- Q1-Q3 (nine-month totals)
- **Policy 42 GOAL** is to improve the route category average
- Trend follows ridership because capacity (scheduled service) maintained at normal levels.

Route Categories	FY 2019 <i>July-Mar.</i>	FY 2020 <i>July-Mar.</i>	FY 2021 <i>July-Mar.</i>	% Change FY20-FY21
Urban Frequent	26.7	25.6	11.1	-56.9%
Urban Standard	18.8	18.0	7.9	-56.0%
Rapid	31.5	30.7	8.9	-71.0%
Express	25.4	24.6	8.3	-66.1%
Circulator	13.2	13.7	4.7	-65.7%
Premium/Rapid Express	23.9	22.9	5.6	-75.6%
Rural	15.8	12.8	6.2	-51.1%
<b>Fixed-Route Bus</b>	<b>25.0</b>	<b>24.2</b>	<b>9.8</b>	<b>-59.4%</b>
<b>Light Rail</b>	<b>215.4</b>	<b>209.6</b>	<b>100.6</b>	<b>-52.0%</b>
<b>All Fixed-Route</b>	<b>41.1</b>	<b>39.8</b>	<b>17.9</b>	<b>-55.2%</b>
MTS Access	2.1	2.1	1.4	-32.0%
<b>System</b>	<b>37.1</b>	<b>36.4</b>	<b>17.3</b>	<b>-52.4%</b>

# 20 Agencies' Weekly Ridership % Change: Oct. 2019 - Feb. 2021

MTS, NCTD, OCTA, LA Metro, AC Transit, Denver, Phoenix, Detroit, Chicago, MSP, Boston, Atlanta, Dallas, Houston, NYC, Seattle, Philadelphia, Miami, DC, St. Louis





## On-Time Performance

- Policy 42 GOAL is 85% for Urban Frequent & Rapid, 90% for all other categories
- All categories exceed their targets due to fewer passengers and less traffic
  - Figures expected to come down as pandemic recedes
  - If trend continued, we'd consider reducing scheduled travel times to shorten journey times and avoid waiting at timepoints

Route Categories	Service Change					GOAL
	June 2019	Sept. 2019	January 2020	June 2020	Sept. 2020	
Urban Frequent	83.5%	82.1%	86.6%	91.7%	91.9%	85.0%
Urban Standard	87.7%	86.2%	89.3%	92.8%	92.3%	90.0%
Rapid	87.5%	85.1%	88.1%	94.2%	94.0%	85.0%
Express	82.9%	82.3%	88.5%	95.1%	94.5%	90.0%
Circulator	85.1%	85.8%	88.1%	92.7%	93.1%	90.0%
Premium/Rapid Express	86.0%	82.0%	86.8%	91.2%	91.0%	90.0%
Light Rail (Blue, Orange, Green)	93.6%	93.3%	96.3%	98.0%	97.6%	90.0%
Light Rail (Silver)	98.3%	98.8%	99.6%	N/A	N/A	90.0%



# FY 2021 Preliminary Annual Data

July 29, 2021

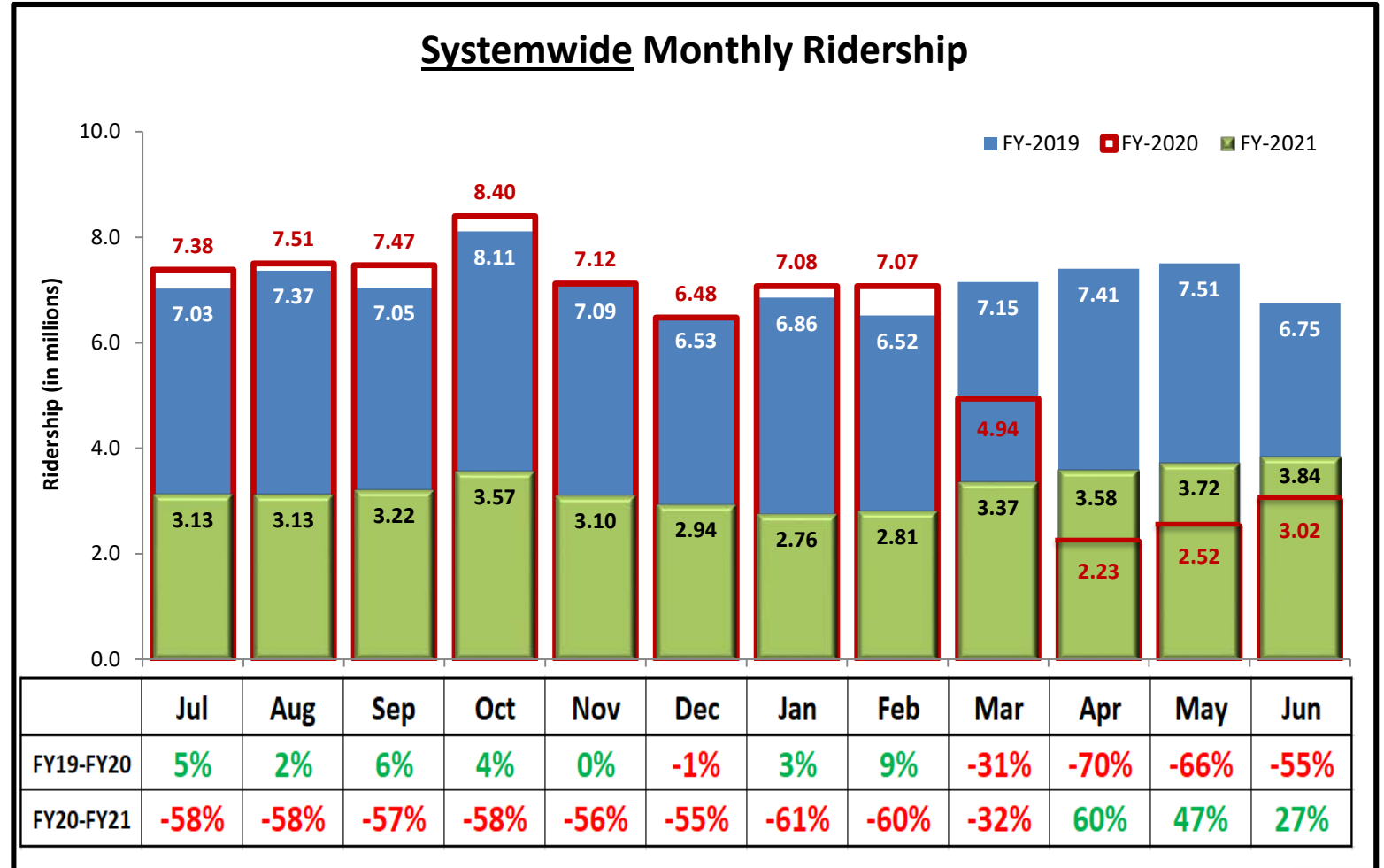
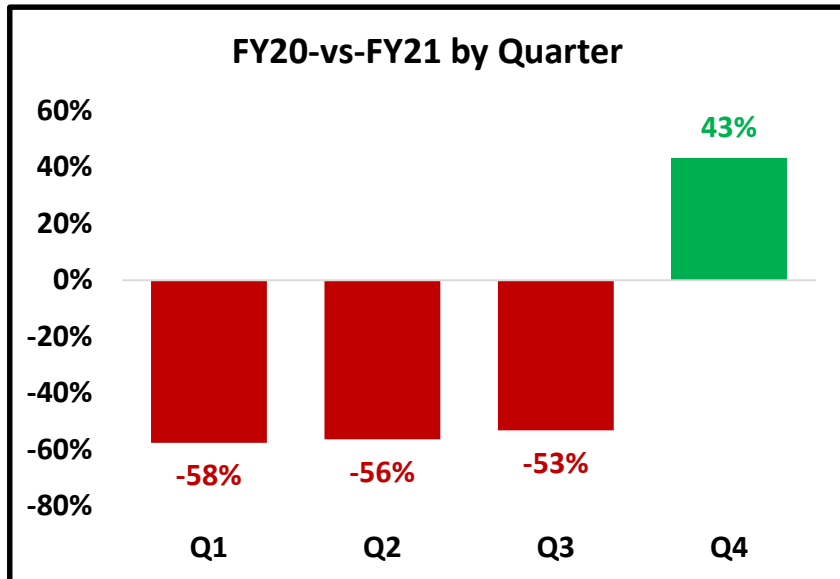
## Total Passengers

- Full fiscal year totals
- *Preliminary* FY 2021 Ridership down 45% compared to FY 2020

Route Categories	FY 2019	FY 2020	FY 2021 <i>(prelim)</i>	% Change FY20-FY21
Urban Frequent	30,415,325	24,452,815	13,100,695	-46.4%
Urban Standard	7,454,910	6,129,760	3,324,347	-45.8%
Rapid	6,504,970	5,772,834	2,121,793	-63.2%
Express	2,008,630	1,590,269	689,067	-56.7%
Circulator	821,636	669,608	285,430	-57.4%
Rapid Express	281,240	207,372	34,017	-83.6%
Rural	84,552	54,435	34,329	-36.9%
<b>Fixed-Route Bus</b>	<b>47,571,263</b>	<b>38,877,093</b>	<b>19,589,678</b>	<b>-49.6%</b>
<b>Light Rail</b>	<b>37,293,757</b>	<b>32,003,027</b>	<b>19,470,307</b>	<b>-39.2%</b>
<b>All Fixed-Route</b>	<b>84,865,020</b>	<b>70,880,120</b>	<b>39,059,985</b>	<b>-44.9%</b>
MTS Access	492,475	343,960	107,193	-68.8%
<b>System</b>	<b>85,357,495</b>	<b>71,224,080</b>	<b>39,167,178</b>	<b>-45.0%</b>
<i>Average Weekday</i>	<i>274,866</i>	<i>227,226</i>	<i>121,575</i>	<i>-46.5%</i>

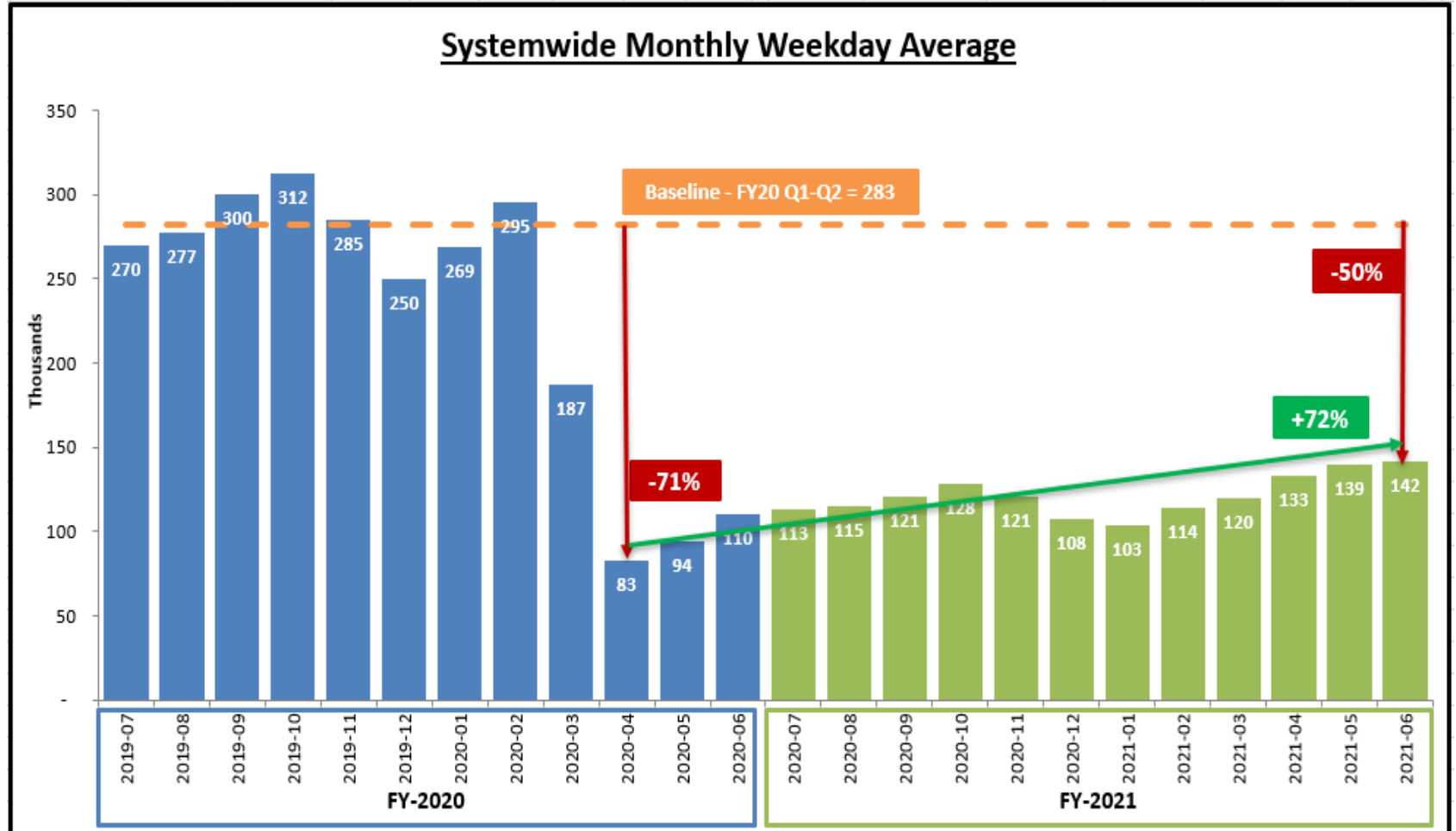
# Monthly Passengers

- Ridership for last quarter of FY 2021 increased 43% compared to last quarter of FY 2020



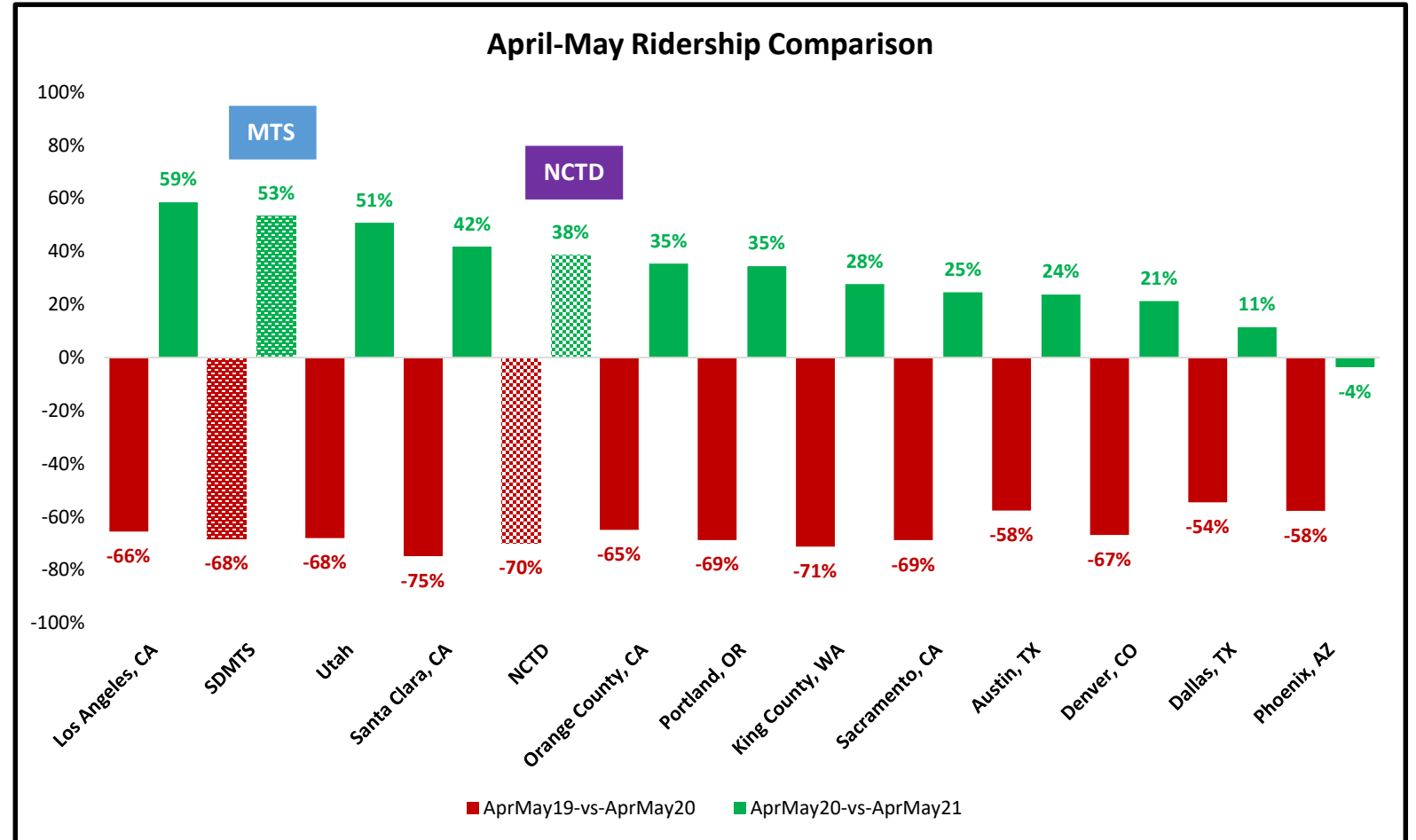
# Weekday Average

- Jun 2021 weekday average increased 72% compared to lowest point of pandemic in Apr 2020
- Jun 2021 weekday average down 50% from baseline (FY 2020 Q1-Q2)



## April-May Passengers

- MTS, NCTD, LA Metro, Utah, Santa Clara, Portland, Austin, Sacramento, Phoenix, Seattle, Denver, Dallas, OCTA





1255 Imperial Avenue, Suite 1000  
San Diego, CA 92101-7490  
(619) 231-1466 • FAX (619) 234-3407

## Agenda Item No. 46

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

NON-FARE OPERATING REVENUE REPORT (ROB SCHUPP)

#### INFORMATIONAL ITEM

##### Budget Impact

None.

#### DISCUSSION:

MTS staff will present an overview of the historical non-fare revenue generated by various programs within MTS. These programs include advertising, naming rights, master concessionaire, Coca-Cola, Land Management, energy credits and others. These sources of revenue have grown from \$4.4 million in Fiscal Year 2010 to a projected \$20.6 million in Fiscal Year 2022.

The report will also include an opportunity to generate a greater amount of advertising revenue from a proposal for MTS-owned property at the Gaslamp Quarter Trolley Station.

/s/ Sharon Cooney

Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

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San Diego Metropolitan Transit System (MTS) is a California public agency comprised of San Diego Transit Corp., San Diego Trolley, Inc. and San Diego and Arizona Eastern Railway Company (nonprofit public benefit corporations). MTS member agencies include the cities of Chula Vista, Coronado, El Cajon, Imperial Beach, La Mesa, Lemon Grove, National City, Poway, San Diego, Santee, and the County of San Diego. MTS is also the For-Hire Vehicle administrator for nine cities.

# Non-Fare Revenue

Board of Directors

July 29, 2021



# Historical Revenue

	FY10A	FY11A	FY12A	FY13A	FY14A	FY15A	FY16A	FY17A	FY18A	FY19A	FY20A	FY21MY	FY22B
Advertising-Vehicles	\$ 783	\$ 621	\$ 784	\$ 972	\$ 870	\$ 816	\$ 827	\$ 1,124	\$ 938	\$ 1,394	\$ 1,722	\$ 981	\$ 1,378
Advertising-Benches	97	105	114	95	102	147	61	107	98	96	165	160	163
Advertising-Shelters	684	734	734	784	886	950	802	865	922	1,057	1,507	951	1,211
Naming Rights	-	-	-	-	-	-	675	675	975	1,275	1,275	1,275	1,433
Master Concessionaire	-	90	128	146	221	270	416	553	418	625	718	284	311
Coca-Cola	-	79	74	90	105	94	103	94	75	69	68	53	53
Western Communications	-	96	108	144	88	52	46	46	32	40	22	10	10
Freight Maintenance Fees	-	149	159	168	195	198	202	216	245	226	207	239	235
Fare Media	-	-	-	-	1,627	1,633	1,582	1,520	1,424	1,400	1,019	390	381
Land Management	1,534	1,972	1,789	2,075	2,362	2,426	2,510	2,799	2,480	2,434	3,293	3,276	3,342
Energy Credits	-	-	-	-	714	817	5,150	4,584	7,856	8,315	8,903	9,072	11,114
Interest	493	190	89	104	111	139	266	574	928	1,786	1,360	662	351
Other	824	335	274	293	942	610	882	569	607	440	435	143	650
<b>Total</b>	<b>\$ 4,415</b>	<b>\$ 4,370</b>	<b>\$ 4,253</b>	<b>\$ 4,869</b>	<b>\$ 8,224</b>	<b>\$ 8,154</b>	<b>\$ 13,523</b>	<b>\$ 13,726</b>	<b>\$ 16,997</b>	<b>\$ 19,157</b>	<b>\$ 20,693</b>	<b>\$ 17,495</b>	<b>\$ 20,631</b>

# Background

- Great Recession of 2008/09 significantly reduced revenue from state
  - MTS was forced to reduce service and increase fares to close a \$14.4 million budget gap
  - It encouraged MTS to look at ways to find other sustainable revenue sources
- Commitment to renewables
- Commitment to Transit-Oriented Developments

# Naming Rights

- Hired Superlative Group in 2010
- UC San Diego Blue Line
  - 30-year contract
  - \$36 million
- Sycuan Green Line
  - 10-year contract reduced to seven years due to pandemic
  - Payments totaled \$4 million
- New competitive bid for contractor possible
- MTS to receive \$975,000 in FY22



# Bus Shelter Advertising

- CBS Outdoor through 2013
- Clear Channel begins in 2016
  - Minimum Annual Guarantee: \$950,000
  - Revenue split 55%
- New digital ads in 2018
  - Allowed 40 Digital Ads
  - Limit removed in 2019
- MTS projects \$1.2 million in FY22

# Vehicle Advertising

- Michael Allen through 2017
  - No minimum annual guarantee
  - MTS received 75% of gross
- Clear Channel begins in 2018
  - 5-year w/5-year option
  - Minimum annual guarantee of \$975,000
  - MTS receives 66% of gross
  - FY20 MTS received almost double the MAG
  - Already sold out for Comic-Con 2022!
- MTS projects \$1.4 million in FY22



# Energy Credits

- Federal Program – Renewable Fuels Standard
  - Use of renewable natural gas only
    - Natural gas that is produced naturally from landfills and from the processing of animal waste, sewage, crop waste, etc. (Biogas/Green gas)
    - MTS began using Biogas in 2013
  - Generates Renewable Identification Numbers (RINs) credits = **\$1.7 million in FY22**
- State Program –Low Carbon Fuel Standard (LCFS)
  - LCFS program managed by CA Air Resources Board (CARB) aimed at reducing greenhouse gas emission
  - Multiple fuel pathways generate credits for MTS = **\$9.4 million in FY22**
    - Biogas bus fuel usage beginning in 2013
    - Trolley electricity usage beginning in 2016 (after CARB rule change)
      - 100% renewable electricity starting in 2019 after another rule change
    - Propane bus fuel also in 2019
    - Electricity for Battery Electric buses later this calendar year

# Land Management

- Revenue derived from recurring sources and non-recurring sources
- Non operating right-of-way, vacant remnant land, several buildings
- Revenue is off-set by expenses

## Recurring:

- TOD Leases
- Other property leases
- Licenses
- Billboard portfolio
- Several cell sites

## Non-Recurring:

- Easements
- Sale of Property
- Plan reviews and Permits

## Expenses:

- Staff costs
- Outside Services
- Repair / Maintenance
- Encampment Clean-up
- Utilities
- Other General Expenses

# Other Categories



# New Opportunity at Gaslamp Square



# Comic-Con Activation



# BIG OUTDOOR

## Gaslamp Square - Initial Concepts

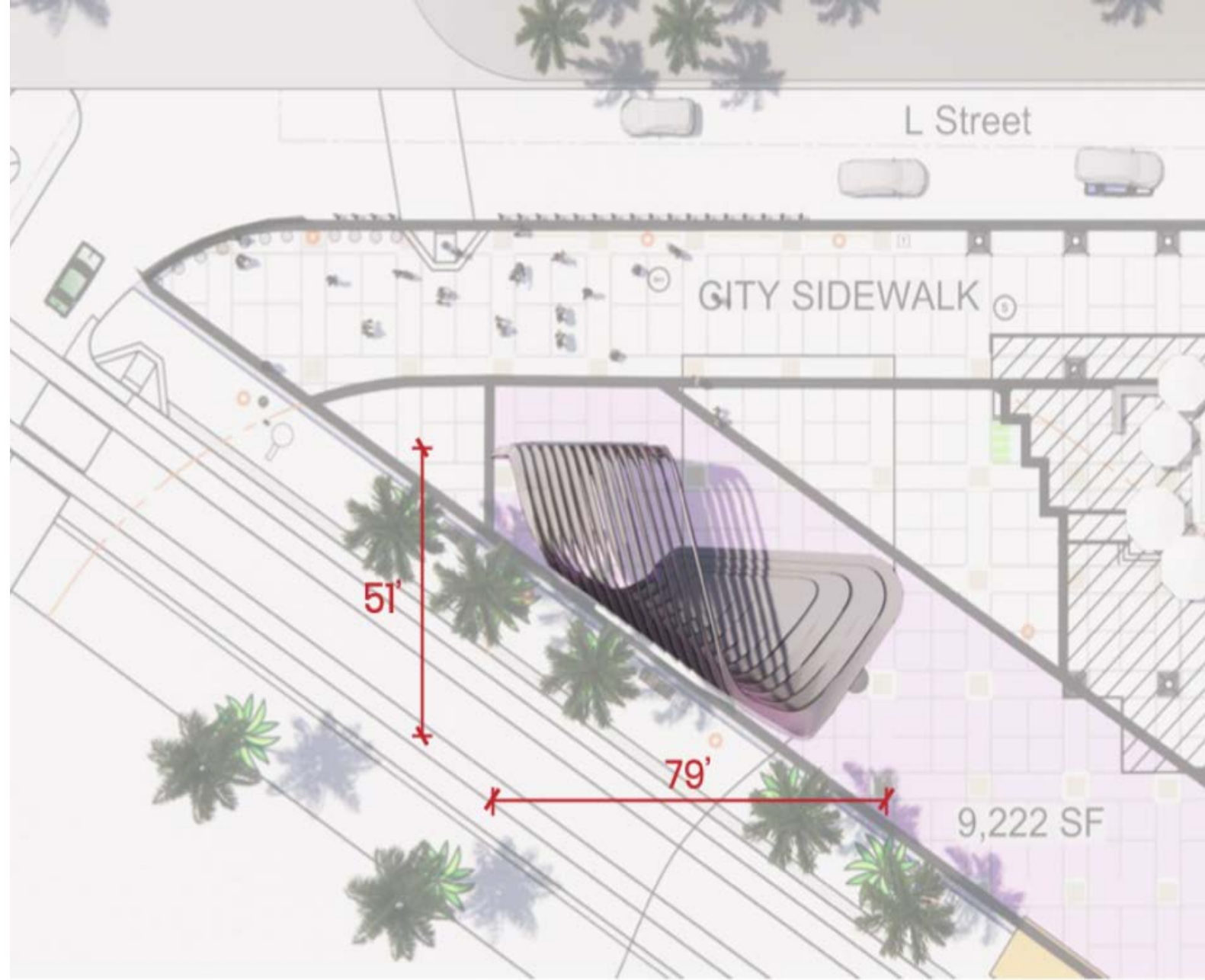






# Design

- Exact location to be determined
- Architecture not finalized
- Approximately 50' tall
- Will not block historical Gaslamp Quarter sign over Fifth Ave.
- Two monitors approximately 20-feet by 25-feet (500 square feet)
- Monitors visible from Fifth Ave. and from Convention Center



# Project Benefits

- Annual Revenue
  - Minimum Annual Guarantee proposal
    - Year One: \$650,000
    - 2% annual escalator
    - 20-year revenue of \$15.8 million
  - BigOutdoor projects greater revenue
    - 50/50 split
    - \$1 million to MTS in Year One
    - 20-year projected revenue of \$26.8 million
  - Equal or greater than naming rights partnership

<u>Year</u>	<u>Guaranteed Rent</u>	<u>Estimated Revenue Share</u>
1	\$650,000.00	\$1,000,000.00
2	\$663,000.00	\$1,030,000.00
3	\$676,260.00	\$1,060,900.00
4	\$689,785.20	\$1,092,727.00
5	\$703,580.90	\$1,125,508.81
6	\$717,652.52	\$1,159,274.07
7	\$732,005.57	\$1,194,052.30
8	\$746,645.68	\$1,229,873.87
9	\$761,578.60	\$1,266,770.08
10	\$776,810.17	\$1,304,773.18
11	\$792,346.37	\$1,343,916.38
12	\$808,193.30	\$1,384,233.87
13	\$824,357.17	\$1,425,760.89
14	\$840,844.31	\$1,468,533.71
15	\$857,661.20	\$1,512,589.72
16	\$874,814.42	\$1,557,967.42
17	\$892,310.71	\$1,604,706.44
18	\$910,156.92	\$1,652,847.63
19	\$928,360.06	\$1,702,433.06
20	\$946,927.26	\$1,753,506.05
<b>Total</b>	<b>\$15,793,290.37</b>	<b>\$26,870,374.49</b>

# Project Benefits

- Non-Commercial usage
  - Showcase transit information: Free Ride Days and other special promotions
  - Ability for Gaslamp Quarter and Convention Center to promote activities
  - Positive responses from San Diego Tourism Authority, Downtown Partnership and San Diego Regional Chamber of Commerce
  - Ability to post PSAs with other non-profit events
- Activations
  - Include digital assets in the marketing of Gaslamp Square events
  - Provides southern anchor to Gaslamp Quarter
- Public Benefits
  - Office of Emergency Services, Amber Alerts, public safety messages



# Next Steps

- Enhance architecture
  - Refine design based on input
  - Work to increase sense of place making throughout Gaslamp Square
- Determine location
  - Demonstrate that it won't block Gaslamp Quarter signage
  - Minimize impact to Gaslamp Square to ensure future activations
- Incorporate Board input into proposal





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## Agenda Item No. 47

### MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM BOARD OF DIRECTORS

July 29, 2021

#### SUBJECT:

OPERATIONS BUDGET STATUS REPORT FOR MAY 2021 (GORDON MEYER)

#### INFORMATIONAL ONLY

##### Budget Impact

None at this time.

#### DISCUSSION:

This report summarizes the year-to-date operating results for May 2021 compared to the fiscal year (FY) 2021 amended budget for the San Diego Metropolitan Transit System (MTS). The FY21 amended budget includes the projected impacts from the COVID-19 pandemic; therefore, variances are between actuals and the FY21 amended budget, inclusive of projected impacts from the pandemic. Attachment A-1 combines the operations', administrations' and other activities' results for May 2021. Attachment A-2 details the May 2021 combined operations' results and Attachments A-3 to A-7 present budget comparisons for each MTS operation. Attachment A-8 details budget comparisons for MTS Administration, and Attachment A-9 provides May 2021 results for MTS's other activities (Taxicab/San Diego and Arizona Eastern Railway Company).

#### MTS NET-OPERATING SUBSIDY RESULTS

As indicated within Attachment A-1, for the year-to-date period ending May 2021, MTS's net-operating income favorable variance totaled \$6,874,000 (2.9%). Operations produced a \$5,416,000 (2.3%) favorable variance and the administrative/other activities areas were favorable by \$1,458,000.

#### MTS COMBINED RESULTS

Operating Revenues. Year-to-date combined revenues through May 2021 were \$61,183,000 compared to the year-to-date budget of \$59,958,000, representing a



\$1,225,000 (2.0%) favorable variance. Year-to-date passenger revenue was favorable \$586,000 (1.4%) through May. Passenger revenue was down \$32,899,000 (-43.2%) versus the prior year while passenger levels were down 32,869,544 (-48.2%) passengers versus the prior year.

Other operating revenue was favorable by \$639,000 (3.7%), primarily due to favorable auction proceeds from the sale of capital assets. Included in other operating revenue were State energy credit revenues from the direct sale of 7,000 state energy credits for \$1,309,000.

Operating Expenses. Year-to-date combined expenses through May 2021 were \$289,348,000 compared to the budget of \$294,997,000, resulting in a \$5,649,000 (1.9%) favorable variance.

Personnel Costs. Year-to-date personnel-related costs totaled \$140,503,000, compared to a budgetary figure of \$143,112,000, producing a favorable variance of \$2,609,000 (1.8%). This is primarily due to favorable bus operator wages, paid absences, cost recovery, unemployment insurance, and one-time credits for retiree healthcare expenses.

Outside Services and Purchased Transportation. Total outside services through eleven months of the fiscal year totaled \$93,646,000, compared to a budget of \$95,572,000, resulting in a favorable variance of \$1,927,000 (2.0%). This is primarily due to favorable Security and Information Technology costs within Administration, favorable revenue vehicle repair costs within the LRV maintenance department, as well as favorable purchased transportation costs for both fixed route and paratransit services.

Materials and Supplies. Total year-to-date materials and supplies expenses were \$14,004,000, compared to a budgetary figure of \$14,503,000 resulting in a favorable variance of \$499,000 (3.4%). This is primarily due to favorable revenue vehicle parts for both bus and rail divisions.

Energy. Total year-to-date energy costs were \$29,621,000, compared to the budget of \$30,060,000, resulting in a favorable variance of \$439,000 (1.5%). This is primarily due to favorable CNG consumption and favorable electricity costs.

Risk Management. Total year-to-date expenses for risk management were \$6,746,000 compared to the budget of \$6,823,000, resulting in a favorable variance totaling \$77,000 (1.1%). This is primarily due to favorable liability claim payouts.

General and Administrative. The year-to-date general and administrative costs were \$3,650,000 through May 2021, compared to a budget of \$3,731,000, resulting in a favorable variance of \$82,000 (2.2%). This is primarily due to favorable travel and meetings and office supplies costs.

Vehicle and Facility Leases. The year-to-date vehicle and facilities leases costs were \$1,178,000 compared to the budget of \$1,195,000 resulting in an \$18,000 (1.5%) favorable variance.

## YEAR-TO-DATE SUMMARY

The May 2021, year-to-date net-operating income totaled a favorable variance of \$6,874,000 (2.9%). These factors include favorable variances in passenger revenue, other operating revenue, personnel, outside services, materials and supplies, energy, risk management, and general and administrative, and vehicle/facility leases.

/s/ Sharon Cooney

Sharon Cooney  
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, [Julia.Tuer@sdmts.com](mailto:Julia.Tuer@sdmts.com)

Attachment: A. Comparison to Budget

**MTS  
CONSOLIDATED**

**COMPARISON TO BUDGET - FISCAL YEAR 2021**

**MAY 31, 2021**

**(in \$000's)**

	YEAR TO DATE			
	ACTUAL	BUDGET	VARIANCE	VAR. %
Passenger Revenue	\$ 43,215	\$ 42,628	\$ 586	1.4%
Other Revenue	17,968	17,329	639	3.7%
<b>Total Operating Revenue</b>	<b>\$ 61,183</b>	<b>\$ 59,958</b>	<b>\$ 1,225</b>	<b>2.0%</b>
Personnel costs	\$ 140,503	\$ 143,112	\$ 2,609	1.8%
Outside services	93,646	95,572	1,927	2.0%
Materials and supplies	14,004	14,503	499	3.4%
Energy	29,621	30,060	439	1.5%
Risk management	6,746	6,823	77	1.1%
General & administrative	3,650	3,731	82	2.2%
Vehicle/facility leases	1,178	1,195	18	1.5%
Administrative Allocation	0	(0)	(0)	0.0%
<b>Total Operating Expenses</b>	<b>\$ 289,348</b>	<b>\$ 294,997</b>	<b>\$ 5,649</b>	<b>1.9%</b>
<b>Operating Income (Loss)</b>	<b>\$ (228,165)</b>	<b>\$ (235,040)</b>	<b>\$ 6,874</b>	<b>2.9%</b>
<b>Total Non-Operating Activities</b>	<b>160</b>	<b>84</b>	<b>76</b>	<b>90.1%</b>
<b>Income (Loss) before Capital Contributions</b>	<b>\$ (228,005)</b>	<b>\$ (234,955)</b>	<b>\$ 6,950</b>	<b>-3.0%</b>

**OPERATIONS  
CONSOLIDATED**

**COMPARISON TO BUDGET - FISCAL YEAR 2021**

**MAY 31, 2021**

**(in \$000's)**

	YEAR TO DATE			
	ACTUAL	BUDGET	VARIANCE	VAR. %
Passenger Revenue	\$ 43,215	\$ 42,628	\$ 586	1.4%
Other Revenue	775	266	509	191.5%
<b>Total Operating Revenue</b>	<b>\$ 43,989</b>	<b>\$ 42,894</b>	<b>\$ 1,095</b>	<b>2.6%</b>
Personnel costs	\$ 118,587	\$ 121,067	\$ 2,480	2.0%
Outside services	78,893	79,855	962	1.2%
Materials and supplies	14,059	14,465	406	2.8%
Energy	28,831	29,211	379	1.3%
Risk management	3,585	3,644	59	1.6%
General & administrative	811	863	51	5.9%
Vehicle/facility leases	979	963	(16)	-1.7%
Administrative Allocation	26,746	26,746	(0)	0.0%
<b>Total Operating Expenses</b>	<b>\$ 272,491</b>	<b>\$ 276,812</b>	<b>\$ 4,321</b>	<b>1.6%</b>
<b>Operating Income (Loss)</b>	<b>\$ (228,502)</b>	<b>\$ (233,917)</b>	<b>\$ 5,416</b>	<b>2.3%</b>
<b>Total Non-Operating Activities</b>	<b>39</b>	<b>(29)</b>	<b>68</b>	<b>-232.1%</b>
<b>Income (Loss) before Capital Contributions</b>	<b>\$ (228,463)</b>	<b>\$ (233,947)</b>	<b>\$ 5,484</b>	<b>-2.3%</b>

**OPERATIONS**  
**BUS - DIRECTLY OPERATED (SAN DIEGO TRANSIT CORP.)**  
**COMPARISON TO BUDGET - FISCAL YEAR 2021**  
**MAY 31, 2021**  
**(in \$000's)**

	YEAR TO DATE			
	ACTUAL	BUDGET	VARIANCE	VAR. %
Passenger Revenue	\$ 13,019	\$ 12,897	\$ 123	1.0%
Other Revenue	242	2	240	10315.8%
<b>Total Operating Revenue</b>	<b>\$ 13,262</b>	<b>\$ 12,899</b>	<b>\$ 363</b>	<b>2.8%</b>
Personnel costs	\$ 80,352	\$ 82,070	\$ 1,718	2.1%
Outside services	1,604	1,758	153	8.7%
Materials and supplies	6,780	6,994	213	3.0%
Energy	5,878	6,054	176	2.9%
Risk management	1,614	1,628	14	0.9%
General & administrative	396	399	3	0.7%
Vehicle/facility leases	332	341	10	2.8%
Administrative Allocation	7,865	7,865	(0)	0.0%
<b>Total Operating Expenses</b>	<b>\$ 104,821</b>	<b>\$ 107,109</b>	<b>\$ 2,288</b>	<b>2.1%</b>
<b>Operating Income (Loss)</b>	<b>\$ (91,559)</b>	<b>\$ (94,210)</b>	<b>\$ 2,650</b>	<b>2.8%</b>
<b>Total Non-Operating Activities</b>	<b>(174)</b>	<b>(244)</b>	<b>70</b>	<b>-28.6%</b>
<b>Income (Loss) before Capital Contributions</b>	<b>\$ (91,734)</b>	<b>\$ (94,454)</b>	<b>\$ 2,720</b>	<b>-2.9%</b>



**OPERATIONS**  
**RAIL (SAN DIEGO TROLLEY INC.)**  
**COMPARISON TO BUDGET - FISCAL YEAR 2021**  
**MAY 31, 2021**  
**(in \$000's)**

	YEAR TO DATE			
	ACTUAL	BUDGET	VARIANCE	VAR. %
Passenger Revenue	\$ 17,495	\$ 17,228	\$ 267	1.6%
Other Revenue	532	263	269	102.1%
<b>Total Operating Revenue</b>	<b>\$ 18,027</b>	<b>\$ 17,491</b>	<b>\$ 536</b>	<b>3.1%</b>
Personnel costs	\$ 37,542	\$ 38,313	\$ 771	2.0%
Outside services	6,258	6,584	326	5.0%
Materials and supplies	6,206	6,428	222	3.5%
Energy	16,245	16,376	131	0.8%
Risk management	1,964	2,003	39	1.9%
General & administrative	410	450	41	9.0%
Vehicle/facility leases	320	309	(10)	-3.3%
Administrative Allocation	16,680	16,680	(0)	0.0%
<b>Total Operating Expenses</b>	<b>\$ 85,624</b>	<b>\$ 87,144</b>	<b>\$ 1,520</b>	<b>1.7%</b>
<b>Operating Income (Loss)</b>	<b>\$ (67,597)</b>	<b>\$ (69,653)</b>	<b>\$ 2,056</b>	<b>3.0%</b>
<b>Total Non-Operating Activities</b>	<b>(2)</b>	<b>-</b>	<b>(2)</b>	<b>-</b>
<b>Income (Loss) before Capital Contributions</b>	<b>\$ (67,599)</b>	<b>\$ (69,653)</b>	<b>\$ 2,054</b>	<b>-2.9%</b>

**OPERATIONS**  
**BUS - CONTRACTED SERVICES (FIXED ROUTE)**  
**COMPARISON TO BUDGET - FISCAL YEAR 2021**  
**MAY 31, 2021**  
**(in \$000's)**

	YEAR TO DATE			
	ACTUAL	BUDGET	VARIANCE	VAR. %
Passenger Revenue	\$ 12,298	\$ 12,098	\$ 200	1.7%
Other Revenue	-	-	-	-
<b>Total Operating Revenue</b>	<b>\$ 12,298</b>	<b>\$ 12,098</b>	<b>\$ 200</b>	<b>1.7%</b>
Personnel costs	\$ 590	\$ 589	\$ (1)	-0.2%
Outside services	62,727	62,895	168	0.3%
Materials and supplies	1,060	1,029	(30)	-2.9%
Energy	6,299	6,369	71	1.1%
Risk management	-	-	-	-
General & administrative	3	5	2	43.2%
Vehicle/facility leases	47	54	6	12.1%
Administrative Allocation	1,952	1,952	(0)	0.0%
<b>Total Operating Expenses</b>	<b>\$ 72,676</b>	<b>\$ 72,893</b>	<b>\$ 217</b>	<b>0.3%</b>
<b>Operating Income (Loss)</b>	<b>\$ (60,378)</b>	<b>\$ (60,795)</b>	<b>\$ 417</b>	<b>0.7%</b>
<b>Total Non-Operating Activities</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Income (Loss) before Capital Contributions</b>	<b>\$ (60,378)</b>	<b>\$ (60,795)</b>	<b>\$ 417</b>	<b>-0.7%</b>

**OPERATIONS**  
**BUS - CONTRACTED SERVICES (PARATRANSIT)**  
**COMPARISON TO BUDGET - FISCAL YEAR 2021**  
**MAY 31, 2021**  
**(in \$000's)**

	YEAR TO DATE			
	ACTUAL	BUDGET	VARIANCE	VAR. %
Passenger Revenue	\$ 402	\$ 406	\$ (4)	-0.9%
Other Revenue	-	-	-	-
<b>Total Operating Revenue</b>	<b>\$ 402</b>	<b>\$ 406</b>	<b>\$ (4)</b>	<b>-0.9%</b>
Personnel costs	\$ 103	\$ 95	\$ (9)	-9.1%
Outside services	8,089	8,403	314	3.7%
Materials and supplies	13	14	1	4.6%
Energy	410	411	1	0.1%
Risk management	7	13	6	44.2%
General & administrative	3	9	6	67.8%
Vehicle/facility leases	281	259	(22)	-8.4%
Administrative Allocation	249	249	(0)	0.0%
<b>Total Operating Expenses</b>	<b>\$ 9,155</b>	<b>\$ 9,451</b>	<b>\$ 296</b>	<b>3.1%</b>
<b>Operating Income (Loss)</b>	<b>\$ (8,753)</b>	<b>\$ (9,045)</b>	<b>\$ 293</b>	<b>3.2%</b>
<b>Total Non-Operating Activities</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Income (Loss) before Capital Contributions</b>	<b>\$ (8,753)</b>	<b>\$ (9,045)</b>	<b>\$ 293</b>	<b>-3.2%</b>

**OPERATIONS  
CORONADO FERRY**

**COMPARISON TO BUDGET - FISCAL YEAR 2021**

**MAY 31, 2021**

**(in \$000's)**

	YEAR TO DATE			
	ACTUAL	BUDGET	VARIANCE	VAR. %
Passenger Revenue	\$ -	\$ -	\$ -	-
Other Revenue	-	-	-	-
<b>Total Operating Revenue</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>
Personnel costs	\$ -	\$ -	\$ -	-
Outside services	214	214	-	0.0%
Materials and supplies	-	-	-	-
Energy	-	-	-	-
Risk management	-	-	-	-
General & administrative	-	-	-	-
Vehicle/facility leases	-	-	-	-
Administrative Allocation	-	-	-	0.0%
<b>Total Operating Expenses</b>	<b>\$ 214</b>	<b>\$ 214</b>	<b>\$ -</b>	<b>0.0%</b>
<b>Operating Income (Loss)</b>	<b>\$ (214)</b>	<b>\$ (214)</b>	<b>\$ -</b>	<b>0.0%</b>
<b>Total Non-Operating Activities</b>	<b>214</b>	<b>214</b>	<b>-</b>	<b>0.0%</b>
<b>Income (Loss) before Capital Contributions</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-</b>

**ADMINISTRATION  
CONSOLIDATED**

**COMPARISON TO BUDGET - FISCAL YEAR 2021**

**MAY 31, 2021**

**(in \$000's)**

	YEAR TO DATE			
	ACTUAL	BUDGET	VARIANCE	VAR. %
Passenger Revenue	\$ -	\$ -	\$ -	-
Other Revenue	16,014	15,891	122	0.8%
<b>Total Operating Revenue</b>	<b>\$ 16,014</b>	<b>\$ 15,891</b>	<b>\$ 122</b>	<b>0.8%</b>
Personnel costs	\$ 21,388	\$ 21,516	\$ 128	0.6%
Outside services	14,691	15,641	951	6.1%
Materials and supplies	(55)	38	93	243.3%
Energy	778	836	58	6.9%
Risk management	3,122	3,133	12	0.4%
General & administrative	2,785	2,808	23	0.8%
Vehicle/facility leases	208	211	3	1.6%
Administrative Allocation	(26,788)	(26,788)	0	0.0%
<b>Total Operating Expenses</b>	<b>\$ 16,128</b>	<b>\$ 17,396</b>	<b>\$ 1,268</b>	<b>7.3%</b>
<b>Operating Income (Loss)</b>	<b>\$ (114)</b>	<b>\$ (1,504)</b>	<b>\$ 1,390</b>	<b>92.4%</b>
<b>Total Non-Operating Activities</b>	<b>122</b>	<b>114</b>	<b>8</b>	<b>7.0%</b>
<b>Income (Loss) before Capital Contributions</b>	<b>\$ 8</b>	<b>\$ (1,391)</b>	<b>\$ 1,398</b>	<b>-100.5%</b>

**OTHER ACTIVITIES  
CONSOLIDATED**

**COMPARISON TO BUDGET - FISCAL YEAR 2021**

**MAY 31, 2021**

**(in \$000's)**

	YEAR TO DATE			
	ACTUAL	BUDGET	VARIANCE	VAR. %
Passenger Revenue	\$ -	\$ -	\$ -	-
Other Revenue	1,180	1,172	7	0.6%
<b>Total Operating Revenue</b>	<b>\$ 1,180</b>	<b>\$ 1,172</b>	<b>\$ 7</b>	<b>0.6%</b>
Personnel costs	\$ 529	\$ 530	\$ 1	0.2%
Outside services	62	76	14	18.4%
Materials and supplies	0	0	(0)	0.0%
Energy	12	14	2	12.7%
Risk management	39	46	6	14.0%
General & administrative	54	61	8	12.2%
Vehicle/facility leases	(9)	21	30	142.8%
Administrative Allocation	42	42	0	0.0%
<b>Total Operating Expenses</b>	<b>\$ 729</b>	<b>\$ 790</b>	<b>\$ 61</b>	<b>7.7%</b>
<b>Operating Income (Loss)</b>	<b>\$ 450</b>	<b>\$ 382</b>	<b>\$ 68</b>	<b>-17.9%</b>
<b>Total Non-Operating Activities</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Income (Loss) before Capital Contributions</b>	<b>\$ 450</b>	<b>\$ 382</b>	<b>\$ 68</b>	<b>17.9%</b>

# **Metropolitan Transit System FY21 Operating Budget - May 2021 Financial Review**

MTS Board of Directors  
July 29, 2021

# CONSOLIDATED MTS OPERATIONS

COMPARISON TO BUDGET – MAY 31, 2021 - FY 2021

## FTA CARES ACT FUNDING

- COVID-19 Budget Impact:
  - FY21 Amended Budget includes projected revenues and expenses
  - Structural deficit of \$74.1M (recurring revenues less recurring expenses)
- Federal CARES Act:
  - \$25B federal stimulus package in response to pandemic
  - MTS share is \$220M
  - FY21 Amended Budget includes \$74.1M of projected CARES Act
- Favorable budget results in FY21 means less CARES Act needs
  - CARES Act funding available for FY22 and out years
  - Structural deficits are expected to be significant in out years



# CONSOLIDATED MTS OPERATIONS

COMPARISON TO BUDGET – MAY 31, 2021 - FY 2021

TOTAL OPERATING REVENUES (\$000's)

	<u>ACTUAL</u>	<u>BUDGET</u>	<u>VARIANCE</u>	<u>VAR %</u>
Fare Revenue	\$ 43,215	\$ 42,628	\$ 586	1.4%
Other Operating Revenue	\$ 17,968	\$ 17,329	\$ 639	3.7%
<b>Operating Revenue</b>	<b>\$ 61,183</b>	<b>\$ 59,958</b>	<b>\$ 1,225</b>	<b>2.0%</b>

- Fare Revenue

- Revenue unfavorable to prior year by \$32.9M (-43.2%)
- Ridership unfavorable to the prior year by 32.9M passengers (-48.2%)
- Positive signs in April/May:
  - May revenue 56.3% of baseline (budget 47.0%)
  - May ridership 48.9% of baseline (budget 43.0%)

# CONSOLIDATED MTS OPERATIONS

COMPARISON TO BUDGET – MAY 31, 2021 - FY 2021

TOTAL OPERATING EXPENSES (\$000's)

	<u>ACTUAL</u>	<u>BUDGET</u>	<u>VARIANCE</u>	<u>VAR %</u>
Personnel Costs	\$ 140,503	\$143,112	\$ 2,609	1.8%
Purchased Transportation	\$ 67,294	\$ 67,729	\$ 435	0.6%
Other Outside Services	\$ 26,352	\$ 27,843	\$ 1,491	5.4%
Energy	\$ 29,621	\$ 30,060	\$ 439	1.5%
Other Expenses	\$ 25,578	\$ 26,253	\$ 675	2.6%
<b>Operating Expenses</b>	<b>\$ 289,348</b>	<b>\$294,997</b>	<b>\$ 5,649</b>	<b>1.9%</b>

- Personnel – favorable bus operator wages, paid absences, cost recovery, unemployment insurance, and healthcare expenses
- Other Outside Services – favorable security costs and IT costs within Administration
- Other Expenses – favorable materials and supplies for both bus and rail

# CONSOLIDATED MTS OPERATIONS

COMPARISON TO BUDGET – MAY 31, 2021 - FY 2021

TOTAL OPERATING ACTIVITIES (\$000's)

	<u>ACTUAL</u>	<u>BUDGET</u>	<u>VARIANCE</u>	<u>VAR %</u>
MTS Operating Revenue	\$ 61,183	\$ 59,958	\$ 1,225	2.0%
MTS Operating Expenses	\$ 289,348	\$ 294,997	\$ 5,649	1.9%
<b>Total Net Operating Variance</b>	<b>\$ (228,165)</b>	<b>\$ (235,040)</b>	<b>\$ 6,874</b>	<b>2.9%</b>

- Net income favorable \$6.9M through May
  - Favorable expense variances projected to continue
  - State sales tax cash receipts coming in higher than projected (TDA/Transnet)
- Amended budget includes \$74.1M in CARES Act funding to balance deficit
  - \$72.3M in funds drawn year to date
  - No further CARES funding in FY21 due to projected budget surplus



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## Agenda Item No. 61

### Chief Executive Officer's Report

July 29, 2021

In accordance with Board Policy No. 52, "Procurement of Goods and Services", attached are listings of contracts, purchase orders, and work orders that have been approved within the CEO's authority (up to and including \$100,000) for the period June 9, 2021 through July 20, 2021.

#### CEO Travel Report (since last Board meeting)

N/A

#### Board Member Travel Report (since last Board meeting)

N/A



**EXPENSE CONTRACTS**

<b>Doc #</b>	<b>Organization</b>	<b>Subject</b>	<b>Amount</b>	<b>Day</b>
G2067.3-18	ENGHOUSE TRANSPORTATION	CONTRACT TERM CORRECTION	\$0.00	6/11/2021
G1951.0-17AE-61.03	MOTT MACDONALD	ADD DESIGN SERVICES	\$22,346.44	6/14/2021
B0645.4-16	LUMINATOR TECHNOLOGY GROUP	NO COST EXTENSION	\$0.00	6/15/2021
G2009.3-17	SCHNEIDER ELECTRIC IT CORP	CONTRACTOR NAME CHANGE	\$0.00	6/16/2021
PWL271.3-19	GLOBAL POWER GROUP	CCO3	\$9,795.27	6/16/2021
L1449.4-18	SIEMENS	GEARBOX SUPPLIER CHANGE	\$10,775.00	6/16/2021
PWG330.0-21	ACM LIGHTING SERVICES	ON-CALL EELCTRICAL REPAIR	\$73,735.53	6/16/2021
L1032.19-12	SIEMENS MOBILITY	ZERO COST TIME EXTENSION	\$0.00	6/18/2021
G2053.1-18.30	CIVILIAN	PHASE 3 OF EAT SHOP PLAY PROGRAM	\$87,957.50	6/18/2021
B0692.3-18	ACE UNIFORMS	EXERCISE OPTION YEAR 1	\$0.00	6/21/2021
G24900.0-21	SRECTRADE	PURCHASE OF 700 RENEWABLE ENERGY CREDIT	\$97,430.00	6/22/2021
L1503.2-19	SAN DIEGO SWEEPING SERVICES	ADD TECOLOTE RD & BALBOA AVE PARKING LOT	\$6,175.00	6/24/2021
G1901.5-16	MEDICAL TRANSPORTATION MANAGEMNT	ADA CERTIFICATION SVCS	\$68,799.00	6/24/2021
G2230.2-19	PFM FINANCIAL ADVISORS	CONTRACT EXTENSION	\$30,000.00	6/24/2021
L1507.2-19	SIEMENS	VMI ANNUAL ESCALATION	\$0.00	6/25/2021
PWL235.0-177506- 5.5	HMS CONSTRUCTION	CCO5 CREDIT FOR ENGINEERING HOURS NOT USED	\$40,360.32	6/28/2021
PWG316.1-20	CHULA VISTA ELECTRIC CO	CCO 1	\$48,920.00	6/28/2021
PWL315.1-19	HERZOG	CCO1	\$83,352.00	6/28/2021
PWG274.0-19274- 6.02	PUB CONSTRUCTION	CCO2	\$2,878.04	6/28/2021
PWB328.1-21	GEM INDUSTRIAL	REMOVE RAILROAD PROTECTIVE INSURANCE	\$0.00	6/30/2021
PWL320.2-21	ESS	CCO2 VARIOUS CAMERA CHANGES AT MID-COAST	\$92,525.16	7/7/2021
G1872.2-16	ENTERPRISE FLEET MGMT	ADD SELF INSURANCE	\$0.00	7/7/2021
G2085.1-18	PLANETBIDS	ADD FUNDS TO IMPLEMENT EVALUATION MGMT MODULE	\$8,325.00	7/7/2021
G2452.1-21	UNITED SITE SERVICES	CLEANING FREQUENCY	\$0.00	7/7/2021

**EXPENSE CONTRACTS**

<b>Doc #</b>	<b>Organization</b>	<b>Subject</b>	<b>Amount</b>	<b>Day</b>
B0703.3-19	FIRST TRANSIT	OBVSS DRIVECAMS - 14 PARA MINIVANS	\$23,486.40	7/9/2021
PWG275.0-19275-15.3	ABC GENERAL CONTRACTOR	ADDITIONAL STEEL WORK	\$20,700.03	7/9/2021
PWG275.0-19275-13.03	ABC GENERAL CONTRACTOR	REPLACE FENCE	\$27,016.04	7/9/2021
PWG275.0-19275-15.4	ABC GENERAL CONTRACTOR	ADDITIONAL METAL FLASHING	\$10,446.41	7/9/2021
G1947.0-171947-16.5	HDR ENGINEERING	INCREASE HOURLY RATES	\$0.00	7/12/2021
G2492.0-21	INIT	CREDITCALL SERVICE AGREEMENT	\$0.00	7/12/2021
G1951.0-17-AE-58.03	MOTT MACDONALD	SEDIMENT COLLECTION	\$18,000.00	7/13/2021
G2506.0-21	NAVIA BENEFIT SOLUTIONS	NAVIA ADMIN SERVICE AGREEMENT	\$90,000.00	7/16/2021

REVENUE CONTRACT AND MOUs				
Doc #	Organization	Subject	Amount	Day
G2272.2-20	DOWNTONW SD PARTNERSHIP	ECO PASS FY21 ROLLOVER & TERM EXT	\$0.00	6/9/2021
G2276.2-20	OMNI HOTELS	ECO PASS FY21 ROLLOVER & TERM EXT	\$0.00	6/9/2021
S200-21-760	AIRX UTILITY SURVERYORS	ROE MILEPOST 2.7	\$3,522.26	6/10/2021
L5738.3-14	HENKELS & MCCOY	JROE TIME EXTENSION	\$750.00	6/14/2021
G2480.0-21	HOTEL DEL CORONADO	FY22 ECO PASS AGREEMENT	\$69,811.20	6/15/2021
G2487.0-21	EVANS	FY22 ECO PASS AGREEMENT	\$19,560.00	6/17/2021
L5833.0-21	WH PACIFIC	JROE MILEPOST 264.90 & 266.10	\$1,124.58	6/18/2021
L5836.0-21	DATEL SYSTEMS	ROE OLD TOWN TRANSIT CENTER	\$1,349.58	6/24/2021
G2278.2-20	SDUSD	ECO PASS FY21 ROLLOVER	\$0.00	6/25/2021
L1590.0-21	SAN DIEGO HALF MARATHON	ROE SD HALF MARATHON	\$750.00	7/7/2021
S200-21-761	EAGLE PAVING CO	ROE VARIOUS STREETS IN LA MESA	\$0.00	7/7/2021
L1587.0-21	SAMPO ENGINEERING	ROE 8TH ST TROLLEY STATION	\$1,274.58	7/12/2021
M6755.0-21	PROJECT DESIGN CONSULTANTS	ROE 1150 FASHION VALLEY RD	\$1,199.58	7/13/2021
L0901.0-10.114	BRICEHOUSE STATION	SD BLOOD BANK GASLAMP	\$0.00	7/16/2021
L0901.0-10.107	BRICEHOUSE STATION	AGAU HOLDINGS OTAY TC	\$4,000.00	7/16/2021
L0901.0-10.109	BRICEHOUSE STATION	ANTHEM BLUE CROSS SANTEE	\$1,000.00	7/16/2021
L6798.0-21	HELIX ENVIRONMETAL	JROE MID-COAST, EMDT & RCBP	\$1,349.58	7/16/2021

## Purchase Orders

Purchasing Document	PO Executed Date	Name	Prime Business Certification	Material Group	PO Value	DBE Sub Commitment	Non DBE SubCommitment
4400001490	7/9/21	Office Depot		G200-OFFICE SUPPLIES	\$473.67	-	-
4400001491	7/9/21	Office Depot		G200-OFFICE SUPPLIES	\$68.08	-	-
4400001492	7/12/21	Office Depot		G200-OFFICE SUPPLIES	\$138.28	-	-
4400001493	7/13/21	W.W. Grainger Inc		G190-SAFETY/MED SUPPLIES	\$312.84	-	-
4400001494	7/14/21	Office Depot		G200-OFFICE SUPPLIES	\$161.61	-	-
4400001495	7/14/21	Office Depot		G200-OFFICE SUPPLIES	\$65.84	-	-
4400001496	7/14/21	Office Depot		G200-OFFICE SUPPLIES	\$662.12	-	-
4400001497	7/14/21	W.W. Grainger Inc		G180-JANITORIAL SUPPLIES	\$1,417.29	-	-
4400001498	7/15/21	Office Depot		G200-OFFICE SUPPLIES	\$511.26	-	-
4400001499	7/15/21	W.W. Grainger Inc		G130-SHOP TOOLS	\$2,027.41	-	-
4400001500	7/15/21	Mcmaster-Carr Supply Co		B250-BUS REPAIR PARTS	\$46.05	-	-
4400001501	7/16/21	Office Depot		G200-OFFICE SUPPLIES	\$400.42	-	-
4400001502	7/16/21	Office Depot		G200-OFFICE SUPPLIES	\$55.64	-	-
4400001503	7/16/21	Office Depot		G200-OFFICE SUPPLIES	\$18.19	-	-
4400001504	7/19/21	W.W. Grainger Inc		M110-SUB STATION	\$371.98	-	-
4400001505	7/19/21	Office Depot		G200-OFFICE SUPPLIES	\$202.81	-	-
4400001506	7/19/21	Office Depot		G200-OFFICE SUPPLIES	\$333.53	-	-
4400001507	7/19/21	Office Depot		G200-OFFICE SUPPLIES	\$71.71	-	-
4400001508	7/20/21	W.W. Grainger Inc		M180-STATION ELECTRICAL	\$423.68	-	-
4400001509	7/21/21	W.W. Grainger Inc		G130-SHOP TOOLS	\$72.93	-	-
4400001510	7/21/21	Office Depot		G200-OFFICE SUPPLIES	\$108.27	-	-
4500040452	7/9/21	NASG Holding Inc		R120-RAIL/LRV CAR BODY	\$8,350.63	-	-
4500040453	7/9/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$608.79	-	-
4500040454	7/9/21	Transit Holdings Inc		B140-BUS CHASSIS	\$2,499.35	-	-
4500040455	7/9/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$353.58	-	-
4500040456	7/9/21	Staples Contract & Commercial Inc		G200-OFFICE SUPPLIES	\$238.66	-	-
4500040457	7/9/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$2,051.57	-	-
4500040458	7/9/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$3,149.23	-	-
4500040459	7/9/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$345.55	-	-
4500040460	7/9/21	A-B-CPR & First Aid Training Inc	Small Business	G120-SECURITY	\$990.00	-	-
4500040461	7/9/21	Jeyco Products Inc		G130-SHOP TOOLS	\$538.02	-	-
4500040462	7/9/21	Gillig LLC		B120-BUS MECHANICAL PARTS	\$188.40	-	-
4500040463	7/9/21	Kaman Industrial Technologies		B120-BUS MECHANICAL PARTS	\$1,332.96	-	-
4500040464	7/9/21	W.W. Grainger Inc		B110-BUS HVAC SYSTEMS	\$458.08	-	-
4500040465	7/9/21	USPS		G200-OFFICE SUPPLIES	\$740.00	-	-
4500040466	7/9/21	San Diego Friction Products, Inc.		G140-SHOP SUPPLIES	\$63.32	-	-
4500040467	7/9/21	Steven Timme		G230-PRINTED MATERIALS	\$3,770.11	-	-
4500040468	7/9/21	Airgas Inc		G140-SHOP SUPPLIES	\$50.56	-	-
4500040469	7/9/21	B&H Photo & Electronics Corp		B150-BUS COMM EQUIP.	\$53.86	-	-
4500040470	7/9/21	Charter Industrial Supply Inc	Small Business	B120-BUS MECHANICAL PARTS	\$185.23	-	-
4500040471	7/9/21	Transit Holdings Inc		B250-BUS REPAIR PARTS	\$220.08	-	-
4500040472	7/9/21	Cummins Pacific LLC		P190-REV VEHICLE REPAIRS	\$270.00	-	-
4500040473	7/9/21	Kurt Morgan		G200-OFFICE SUPPLIES	\$913.68	-	-
4500040474	7/9/21	Transit Holdings Inc		B250-BUS REPAIR PARTS	\$60.77	-	-
4500040475	7/9/21	Mcmaster-Carr Supply Co		G140-SHOP SUPPLIES	\$59.22	-	-
4500040476	7/9/21	Tony Jamison	DBE	G170-LUBRICANTS	\$139.65	-	-
4500040477	7/9/21	Industrial Maintenance Supply LLC	DBE	G150-FASTENERS	\$46.48	-	-
4500040478	7/9/21	Norman Industrial Materials		G140-SHOP SUPPLIES	\$220.23	-	-
4500040479	7/9/21	Gillig LLC		B250-BUS REPAIR PARTS	\$308.17	-	-
4500040480	7/9/21	Siemens Mobility, Inc.		R160-RAIL/LRV ELECTRICAL	\$6,823.81	-	-
4500040481	7/9/21	California Stamp Company	Small Business	P280-GENERAL SVC AGRMNTS	\$2,250.00	-	-
4500040482	7/9/21	Home Depot USA Inc		F180-BUILDING MATERIALS	\$880.31	-	-
4500040483	7/9/21	Knorr Brake Holding Corporation		R160-RAIL/LRV ELECTRICAL	\$613.11	-	-
4500040484	7/9/21	JKL Cleaning Systems	Small Business	A140-AUTO/TRUCK REPAIR	\$626.54	-	-
4500040485	7/9/21	Staples Contract & Commercial Inc		G200-OFFICE SUPPLIES	\$53.79	-	-
4500040486	7/9/21	M Power Truck & Diesel Repair		P210-NON-REV VEH REPAIRS	\$743.89	-	-
4500040487	7/9/21	Willy's Electronic Supply Co	Small Business	G140-SHOP SUPPLIES	\$1,492.77	-	-



Purchasing Document	PO Executed Date	Name	Prime Business Certification	Material Group	PO Value	DBE Sub Commitment	Non DBE SubComitment
4500040488	7/9/21	Alstom Signaling Inc		M150-PWR SWITCHES/LOCKS	\$394.43	-	-
4500040489	7/9/21	Chromate Industrial Corporation		G130-SHOP TOOLS	\$141.97	-	-
4500040490	7/9/21	Professional Contractors Supplies		G130-SHOP TOOLS	\$819.17	-	-
4500040491	7/12/21	Gillig LLC		B250-BUS REPAIR PARTS	\$138.14	-	-
4500040492	7/12/21	Transit Holdings Inc		B250-BUS REPAIR PARTS	\$1,743.49	-	-
4500040493	7/12/21	Staples Contract & Commercial Inc		G200-OFFICE SUPPLIES	\$35.30	-	-
4500040494	7/12/21	Supreme Oil Company		A120-AUTO/TRUCK GASOLINE	\$11,528.55	-	-
4500040495	7/12/21	SC Commercial, LLC		A120-AUTO/TRUCK GASOLINE	\$2,755.76	-	-
4500040497	7/12/21	ColorID LLC	Small Business	G200-OFFICE SUPPLIES	\$3,499.03	-	-
4500040498	7/12/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$3,930.72	-	-
4500040499	7/12/21	Transit Holdings Inc		B130-BUS BODY	\$441.63	-	-
4500040500	7/12/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$1,070.61	-	-
4500040501	7/12/21	Jeyco Products Inc		G130-SHOP TOOLS	\$35.31	-	-
4500040502	7/12/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$51.08	-	-
4500040503	7/12/21	Transit Holdings Inc		B130-BUS BODY	\$20.04	-	-
4500040504	7/12/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$410.53	-	-
4500040505	7/12/21	Mohawk Mfg & Supply Co		B140-BUS CHASSIS	\$116.26	-	-
4500040506	7/12/21	Muncie Transit Supply		B130-BUS BODY	\$2.13	-	-
4500040507	7/12/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$5,051.23	-	-
4500040508	7/12/21	Kurt Morgan		G200-OFFICE SUPPLIES	\$1,572.51	-	-
4500040509	7/12/21	Mohawk Mfg & Supply Co		B140-BUS CHASSIS	\$21.28	-	-
4500040510	7/12/21	Jeyco Products Inc		G140-SHOP SUPPLIES	\$75.70	-	-
4500040511	7/12/21	R.S. Hughes Co Inc		G160-PAINTS & CHEMICALS	\$96.01	-	-
4500040512	7/12/21	Romaine Electric Corporation	Small Business	B250-BUS REPAIR PARTS	\$1,147.58	-	-
4500040513	7/12/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$63.70	-	-
4500040514	7/12/21	Gillig LLC		B140-BUS CHASSIS	\$500.90	-	-
4500040515	7/12/21	Waxie's Enterprises Inc.		G180-JANITORIAL SUPPLIES	\$1,181.78	-	-
4500040516	7/12/21	Freeby Signs		B250-BUS REPAIR PARTS	\$222.74	-	-
4500040517	7/12/21	W.W. Grainger Inc		B250-BUS REPAIR PARTS	\$160.92	-	-
4500040518	7/12/21	Shilpark Paint Corp.		G160-PAINTS & CHEMICALS	\$1,334.80	-	-
4500040521	7/13/21	Industrial Maintenance Supply LLC	DBE	G150-FASTENERS	\$81.84	-	-
4500040522	7/13/21	Louis Sardo Upholstery Inc		B130-BUS BODY	\$651.17	-	-
4500040523	7/13/21	Transit Products and Services		B130-BUS BODY	\$6,465.00	-	-
4500040524	7/13/21	Staples Contract & Commercial Inc		G200-OFFICE SUPPLIES	\$487.03	-	-
4500040525	7/13/21	NS Corporation		F110-SHOP/BLDG MACHINERY	\$715.00	-	-
4500040526	7/13/21	Robcar Corporation	Woman Owned Business	G160-PAINTS & CHEMICALS	\$420.01	-	-
4500040527	7/13/21	California Air Compressor Company		F110-SHOP/BLDG MACHINERY	\$535.52	-	-
4500040528	7/13/21	California Stamp Company	Small Business	G250-NOVELTIES & AWARDS	\$437.47	-	-
4500040529	7/13/21	Home Depot USA Inc		G130-SHOP TOOLS	\$2,324.09	-	-
4500040530	7/13/21	Steven Timme		G230-PRINTED MATERIALS	\$747.32	-	-
4500040531	7/13/21	Arizona Machinery LLC		P210-NON-REV VEH REPAIRS	\$3,176.23	-	-
4500040532	7/13/21	Rodvold Enterprises Inc.		F190-LANDSCAPING MATLS	\$172.61	-	-
4500040533	7/13/21	California Commercial Asphalt,LLC		T160-TRACK, AGGREGATES	\$2,762.28	-	-
4500040534	7/13/21	JKL Cleaning Systems	Small Business	G140-SHOP SUPPLIES	\$748.20	-	-
4500040535	7/13/21	Transit Holdings Inc		B140-BUS CHASSIS	\$39.81	-	-
4500040536	7/13/21	Airgas Inc		G140-SHOP SUPPLIES	\$779.68	-	-
4500040537	7/13/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$2,649.58	-	-
4500040538	7/13/21	Muncie Transit Supply		B200-BUS PWR TRAIN EQUIP	\$345.10	-	-
4500040539	7/13/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$462.03	-	-
4500040540	7/13/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$21.50	-	-
4500040541	7/13/21	SMC Electrical Products Inc		M110-SUB STATION	\$5,154.76	-	-
4500040542	7/13/21	Gillig LLC		B250-BUS REPAIR PARTS	\$62.50	-	-
4500040544	7/13/21	Fastenal Company		G270-ELECTRICAL/LIGHTING	\$432.51	-	-
4500040545	7/13/21	HI-TEC Enterprises		R160-RAIL/LRV ELECTRICAL	\$397.60	-	-
4500040546	7/13/21	R.S. Hughes Co Inc		G140-SHOP SUPPLIES	\$812.01	-	-
4500040547	7/13/21	Professional Contractors Supplies		G160-PAINTS & CHEMICALS	\$556.54	-	-
4500040548	7/13/21	Waxie's Enterprises Inc.		G180-JANITORIAL SUPPLIES	\$96.77	-	-
4500040549	7/13/21	W.W. Grainger Inc		G120-SECURITY	\$167.32	-	-

Purchasing Document	PO Executed Date	Name	Prime Business Certification	Material Group	PO Value	DBE Sub Commitment	Non DBE SubCommitment
4500040550	7/13/21	Home Depot USA Inc		G140-SHOP SUPPLIES	\$577.00	-	-
4500040551	7/13/21	Jankovich Company		G170-LUBRICANTS	\$3,617.99	-	-
4500040552	7/13/21	Transit Holdings Inc		B130-BUS BODY	\$96.08	-	-
4500040553	7/13/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$144.62	-	-
4500040554	7/13/21	Gillig LLC		B160-BUS ELECTRICAL	\$442.07	-	-
4500040555	7/13/21	San Diego Friction Products, Inc.		B140-BUS CHASSIS	\$303.31	-	-
4500040557	7/13/21	Delphin Computer Supply	Small Business	G200-OFFICE SUPPLIES	\$426.69	-	-
4500040558	7/13/21	Muncie Transit Supply		B160-BUS ELECTRICAL	\$61.80	-	-
4500040559	7/13/21	Jeyco Products Inc		G130-SHOP TOOLS	\$65.08	-	-
4500040560	7/13/21	Industrial Maintenance Supply LLC	DBE	G150-FASTENERS	\$26.94	-	-
4500040561	7/13/21	Kurt Morgan		G200-OFFICE SUPPLIES	\$82.49	-	-
4500040562	7/13/21	Culligan of San Diego		M140-WAYSIDE SIGNALS	\$2,072.33	-	-
4500040563	7/13/21	Shilpark Paint Corp.		F180-BUILDING MATERIALS	\$805.45	-	-
4500040564	7/13/21	Graybar Electric Co Inc		G130-SHOP TOOLS	\$326.96	-	-
4500040565	7/13/21	Golden State Supply LLC		P210-NON-REV VEH REPAIRS	\$102.37	-	-
4500040566	7/14/21	Tony Jamison	DBE	G170-LUBRICANTS	\$1,318.86	-	-
4500040567	7/14/21	BriceHouse Outdoor Inc.		P310-ADVERTISING SERVICES	\$3,480.00	-	-
4500040568	7/14/21	Shilpark Paint Corp.		G160-PAINTS & CHEMICALS	\$1,126.51	-	-
4500040569	7/14/21	AFL Telecommunications, Inc.		M120-OVRHEAD CATENARY SYS	\$2,928.86	-	-
4500040570	7/14/21	Transit Holdings Inc		B140-BUS CHASSIS	\$96.87	-	-
4500040571	7/14/21	Transit Holdings Inc		B160-BUS ELECTRICAL	\$892.68	-	-
4500040572	7/14/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$1,767.11	-	-
4500040573	7/14/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$226.28	-	-
4500040574	7/14/21	Transit Holdings Inc		B120-BUS MECHANICAL PARTS	\$399.20	-	-
4500040575	7/14/21	Transit Holdings Inc		B140-BUS CHASSIS	\$3,511.68	-	-
4500040576	7/14/21	Transit Holdings Inc		B160-BUS ELECTRICAL	\$8,399.53	-	-
4500040577	7/14/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$247.93	-	-
4500040578	7/14/21	Transit Holdings Inc		B140-BUS CHASSIS	\$3,090.36	-	-
4500040579	7/14/21	Gillig LLC		B160-BUS ELECTRICAL	\$922.25	-	-
4500040580	7/14/21	Waxie's Enterprises Inc.		G180-JANITORIAL SUPPLIES	\$124.99	-	-
4500040581	7/14/21	Mohawk Mfg & Supply Co		B160-BUS ELECTRICAL	\$25.13	-	-
4500040582	7/14/21	Vern Rose Inc		G160-PAINTS & CHEMICALS	\$66.33	-	-
4500040583	7/14/21	Allied Refrigeration Inc		B250-BUS REPAIR PARTS	\$55.94	-	-
4500040584	7/14/21	Home Depot USA Inc		F190-LANDSCAPING MAT'LS	\$298.44	-	-
4500040585	7/14/21	Siemens Mobility, Inc.		R220-RAIL/LRV TRUCKS	\$57,628.85	-	-
4500040586	7/14/21	Staples Contract & Commercial Inc		G200-OFFICE SUPPLIES	\$51.16	-	-
4500040587	7/14/21	Westair Gases & Equipment Inc	Small Business	G190-SAFETY/MED SUPPLIES	\$329.72	-	-
4500040589	7/14/21	Siemens Mobility, Inc.		R160-RAIL/LRV ELECTRICAL	\$59,492.87	-	-
4500040590	7/14/21	Waxie's Enterprises Inc.		G140-SHOP SUPPLIES	\$7,654.56	-	-
4500040591	7/14/21	Graybar Electric Co Inc		M180-STATION ELECTRICAL	\$1,181.15	-	-
4500040592	7/15/21	Inland Kenworth (US) Inc		B250-BUS REPAIR PARTS	\$25.87	-	-
4500040593	7/15/21	Transit Holdings Inc		B250-BUS REPAIR PARTS	\$1,743.49	-	-
4500040594	7/15/21	Gillig LLC		B250-BUS REPAIR PARTS	\$531.20	-	-
4500040595	7/15/21	Annex Automotive and		F120-BUS/LRV PAINT BOOTHS	\$8,378.45	-	-
4500040596	7/15/21	Home Depot USA Inc		G140-SHOP SUPPLIES	\$1,017.31	-	-
4500040597	7/15/21	W.W. Grainger Inc		G140-SHOP SUPPLIES	\$70.81	-	-
4500040598	7/15/21	R.S. Hughes Co Inc		G140-SHOP SUPPLIES	\$77.58	-	-
4500040599	7/15/21	Muncie Transit Supply		B160-BUS ELECTRICAL	\$79.84	-	-
4500040600	7/15/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$3,002.12	-	-
4500040601	7/15/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$1,503.13	-	-
4500040602	7/15/21	Muncie Transit Supply		B140-BUS CHASSIS	\$95.47	-	-
4500040603	7/15/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$2,162.50	-	-
4500040604	7/15/21	Data Controls Printworks Inc	Small Business	G230-PRINTED MATERIALS	\$409.45	-	-
4500040605	7/15/21	Kenneth Place		G130-SHOP TOOLS	\$931.87	-	-
4500040606	7/15/21	Chromate Industrial Corporation		G130-SHOP TOOLS	\$410.92	-	-
4500040607	7/15/21	Siemens Mobility, Inc.		R190-RAIL/LRV PANTOGRAPH	\$1,866.34	-	-
4500040608	7/15/21	Transit Holdings Inc		B140-BUS CHASSIS	\$2,976.61	-	-
4500040609	7/15/21	OneSource Distributors, LLC		G190-SAFETY/MED SUPPLIES	\$2,392.06	-	-

Purchasing Document	PO Executed Date	Name	Prime Business Certification	Material Group	PO Value	DBE Sub Commitment	Non DBE SubCommitment
4500040610	7/15/21	Vulcanite Pty Ltd		R230-RAIL/LRV MECHANICAL	\$38,867.58	-	-
4500040611	7/15/21	Industrial Maintenance Supply LLC	DBE	G150-FASTENERS	\$57.98	-	-
4500040612	7/15/21	Siemens Mobility, Inc.		M130-CROSSING MECHANISM	\$14,216.54	-	-
4500040614	7/15/21	Staples Contract & Commercial Inc		G200-OFFICE SUPPLIES	\$30.30	-	-
4500040615	7/15/21	International Metals, Ekco LTD.		C120-SPECIALTY CONTRACTOR	\$42,600.00	-	-
4500040616	7/15/21	R.S. Hughes Co Inc		G190-SAFETY/MED SUPPLIES	\$328.79	-	-
4500040617	7/15/21	Prochem Specialty Products Inc	Small Business	G180-JANITORIAL SUPPLIES	\$828.49	-	-
4500040618	7/15/21	Gillig LLC		B130-BUS BODY	\$207.11	-	-
4500040619	7/15/21	Kaman Industrial Technologies		B250-BUS REPAIR PARTS	\$603.31	-	-
4500040620	7/15/21	Kurt Morgan		G200-OFFICE SUPPLIES	\$363.78	-	-
4500040621	7/15/21	Jeyco Products Inc		G150-FASTENERS	\$12.39	-	-
4500040622	7/15/21	Industrial Maintenance Supply LLC	DBE	G150-FASTENERS	\$31.25	-	-
4500040623	7/15/21	Reid and Clark Screen Arts Co		G120-SECURITY	\$850.03	-	-
4500040624	7/15/21	Translation & Simultaneous		G230-PRINTED MATERIALS	\$786.50	-	-
4500040625	7/16/21	Siemens Mobility, Inc.		R120-RAIL/LRV CAR BODY	\$3,369.43	-	-
4500040626	7/16/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$261.84	-	-
4500040627	7/16/21	Transit Holdings Inc		B130-BUS BODY	\$4,360.65	-	-
4500040628	7/16/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$427.66	-	-
4500040629	7/16/21	SC Commercial, LLC		A120-AUTO/TRUCK GASOLINE	\$1,978.97	-	-
4500040630	7/16/21	Home Depot USA Inc		G130-SHOP TOOLS	\$269.28	-	-
4500040631	7/16/21	Robcar Corporation	Woman Owned Business	F180-BUILDING MATERIALS	\$1,114.98	-	-
4500040632	7/16/21	W.W. Grainger Inc		G130-SHOP TOOLS	\$157.60	-	-
4500040633	7/16/21	JKL Cleaning Systems	Small Business	G140-SHOP SUPPLIES	\$563.33	-	-
4500040634	7/16/21	W.W. Grainger Inc		P280-GENERAL SVC AGRMNTS	\$355.19	-	-
4500040635	7/16/21	Home Depot USA Inc		G130-SHOP TOOLS	\$85.88	-	-
4500040636	7/16/21	W.W. Grainger Inc		G140-SHOP SUPPLIES	\$50.21	-	-
4500040637	7/16/21	Waxie's Enterprises Inc.		G180-JANITORIAL SUPPLIES	\$205.61	-	-
4500040638	7/16/21	Fastenal Company		G270-ELECTRICAL/LIGHTING	\$277.14	-	-
4500040639	7/16/21	Siemens Mobility, Inc.		M130-CROSSING MECHANISM	\$3,540.67	-	-
4500040640	7/16/21	Laird Plastics, Inc		F180-BUILDING MATERIALS	\$7,273.13	-	-
4500040641	7/16/21	Jeyco Products Inc		G200-OFFICE SUPPLIES	\$24.30	-	-
4500040642	7/16/21	General Signals Inc		M130-CROSSING MECHANISM	\$8,200.28	-	-
4500040643	7/16/21	Transit Holdings Inc		B250-BUS REPAIR PARTS	\$565.72	-	-
4500040644	7/16/21	Gillig LLC		B140-BUS CHASSIS	\$176.10	-	-
4500040645	7/16/21	Staples Contract & Commercial Inc		G200-OFFICE SUPPLIES	\$23.23	-	-
4500040646	7/16/21	Westair Gases & Equipment Inc	Small Business	G190-SAFETY/MED SUPPLIES	\$302.24	-	-
4500040647	7/16/21	Professional Contractors Supplies		G130-SHOP TOOLS	\$128.10	-	-
4500040648	7/16/21	M Power Truck & Diesel Repair		P210-NON-REV VEH REPAIRS	\$194.05	-	-
4500040649	7/16/21	RailPod, Inc.		P280-GENERAL SVC AGRMNTS	\$1,500.00	-	-
4500040650	7/16/21	Knorr Brake Holding Corporation		R160-RAIL/LRV ELECTRICAL	\$63,414.82	-	-
4500040652	7/16/21	Freeby Signs		B130-BUS BODY	\$86.89	-	-
4500040653	7/16/21	Kurt Morgan		G200-OFFICE SUPPLIES	\$105.75	-	-
4500040654	7/16/21	United Refrigeration Inc		B110-BUS HVAC SYSTEMS	\$699.22	-	-
4500040655	7/16/21	Navia Benefit Solutions		P280-GENERAL SVC AGRMNTS	\$90,000.00	-	-
4500040656	7/16/21	Kaman Industrial Technologies		B250-BUS REPAIR PARTS	\$38.82	-	-
4500040657	7/16/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$1,648.58	-	-
4500040658	7/16/21	Transit Holdings Inc		B140-BUS CHASSIS	\$1,222.79	-	-
4500040660	7/16/21	Gillig LLC		B160-BUS ELECTRICAL	\$514.35	-	-
4500040661	7/16/21	Tony Jamison	DBE	G170-LUBRICANTS	\$198.26	-	-
4500040662	7/16/21	ACM Artistic Neon	DBE	P280-GENERAL SVC AGRMNTS	\$19,301.26	-	-
4500040663	7/16/21	Mandli Communications Inc		I110-INFORMATION TECH	\$49,500.00	-	-
4500040664	7/16/21	NetXperts Inc.	Small Business	I110-INFORMATION TECH	\$55,970.94	-	-
4500040665	7/16/21	SAP America Inc		I120-INFO TECH, SVCS	\$583.20	-	-
4500040667	7/19/21	RR Donnelley and Sons Co		G230-PRINTED MATERIALS	\$2,997.61	-	-
4500040668	7/19/21	Transit Holdings Inc		B250-BUS REPAIR PARTS	\$609.20	-	-
4500040669	7/19/21	Supreme Oil Company		A120-AUTO/TRUCK GASOLINE	\$11,497.75	-	-
4500040670	7/19/21	SC Commercial, LLC		A120-AUTO/TRUCK GASOLINE	\$2,749.59	-	-
4500040671	7/19/21	Tony Jamison	DBE	G170-LUBRICANTS	\$135.77	-	-

Purchasing Document	PO Executed Date	Name	Prime Business Certification	Material Group	PO Value	DBE Sub Commitment	Non DBE SubCommitment
4500040672	7/19/21	ABC General Contractor Inc		C130-CONSTRUCTION SVCS	\$31,146.44	-	-
4500040673	7/19/21	Gillig LLC		B250-BUS REPAIR PARTS	\$152.49	-	-
4500040674	7/19/21	Staples Contract & Commercial Inc		G200-OFFICE SUPPLIES	\$344.80	-	-
4500040675	7/19/21	ABC General Contractor Inc		C110-GENERAL CONTRACTORS	\$28,984.04	-	\$25,384.22
4500040676	7/19/21	Johnson Controls Fire Protection LP		C130-CONSTRUCTION SVCS	\$1,254.61	-	-
4500040677	7/19/21	Johnson Controls Fire Protection LP		P280-GENERAL SVC AGRMNTS	\$1,874.24	-	-
4500040678	7/19/21	Siemens Mobility, Inc.		R120-RAIL/LRV CAR BODY	\$51,510.52	-	-
4500040679	7/19/21	Johnson Controls Fire Protection LP		P280-GENERAL SVC AGRMNTS	\$4,613.59	-	-
4500040680	7/19/21	Freeby Signs		B130-BUS BODY	\$40.41	-	-
4500040681	7/19/21	Vern Rose Inc		G160-PAINTS & CHEMICALS	\$82.91	-	-
4500040682	7/19/21	Transit Holdings Inc		B250-BUS REPAIR PARTS	\$207.94	-	-
4500040683	7/19/21	Cummins Pacific LLC		B250-BUS REPAIR PARTS	\$13.64	-	-
4500040684	7/19/21	Cummins Pacific LLC		B160-BUS ELECTRICAL	\$12,924.62	-	-
4500040685	7/19/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$1,209.94	-	-
4500040686	7/19/21	Vehicle Maintenance Program, Inc.	Woman Owned Business	B140-BUS CHASSIS	\$961.00	-	-
4500040687	7/19/21	R.S. Hughes Co Inc		B130-BUS BODY	\$64.76	-	-
4500040688	7/19/21	Vern Rose Inc		G140-SHOP SUPPLIES	\$288.51	-	-
4500040689	7/19/21	TK Services Inc		INSURANCE-Insurance Stock	\$14,007.50	-	-
4500040690	7/19/21	Battery Power Inc.		B160-BUS ELECTRICAL	\$2,692.98	-	-
4500040691	7/19/21	United Refrigeration Inc		B110-BUS HVAC SYSTEMS	\$1,398.43	-	-
4500040692	7/19/21	W.W. Grainger Inc		G140-SHOP SUPPLIES	\$85.01	-	-
4500040693	7/19/21	Waxie's Enterprises Inc.		G140-SHOP SUPPLIES	\$306.12	-	-
4500040694	7/19/21	Golden State Supply LLC		M200-YARD FACILITIES	\$614.28	-	-
4500040695	7/19/21	Mission Janitorial Supplies		G180-JANITORIAL SUPPLIES	\$1,214.31	-	-
4500040696	7/19/21	Willy's Electronic Supply Co	Small Business	G290-FARE REVENUE EQUIP	\$58.16	-	-
4500040697	7/19/21	Professional Contractors Supplies		G140-SHOP SUPPLIES	\$126.39	-	-
4500040698	7/19/21	B Hepworth & Company Limited		R160-RAIL/LRV ELECTRICAL	\$65.68	-	-
4500040699	7/19/21	Annex Automotive and		R240-RAIL/LRV REPR PARTS	\$29.76	-	-
4500040700	7/20/21	Rodvold Enterprises Inc.		F190-LANDSCAPING MAT'LS	\$345.23	-	-
4500040701	7/20/21	Knorr Brake Holding Corporation		R160-RAIL/LRV ELECTRICAL	\$63,434.82	-	-
4500040702	7/20/21	Myers & Sons Hi-Way Safety Inc		M120-OVRHEAD CATENARY SYS	\$61.13	-	-
4500040703	7/20/21	Davey Auto Body Inc		G120-SECURITY	\$185.33	-	-
4500040704	7/20/21	Staples Contract & Commercial Inc		G200-OFFICE SUPPLIES	\$51.85	-	-
4500040705	7/20/21	Siemens Mobility, Inc.		R120-RAIL/LRV CAR BODY	\$44,962.67	-	-
4500040706	7/20/21	Fastenal Company		G190-SAFETY/MED SUPPLIES	\$831.66	-	-
4500040707	7/20/21	Public Risk, Innovation, Solutions,		P370-RISK MANAGEMENT	\$64,026.00	-	-
4500040708	7/20/21	Gillig LLC		B250-BUS REPAIR PARTS	\$138.84	-	-
4500040709	7/20/21	Chromate Industrial Corporation		G270-ELECTRICAL/LIGHTING	\$132.45	-	-
4500040710	7/20/21	Schunk Carbon Technology LLC		R160-RAIL/LRV ELECTRICAL	\$351.53	-	-
4500040711	7/20/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$113.14	-	-
4500040712	7/20/21	Annex Automotive and		G160-PAINTS & CHEMICALS	\$4,992.95	-	-
4500040713	7/20/21	Siemens Mobility, Inc.		R230-RAIL/LRV MECHANICAL	\$833.81	-	-
4500040714	7/20/21	Robcar Corporation	Woman Owned Business	G160-PAINTS & CHEMICALS	\$988.33	-	-
4500040715	7/20/21	Keyser Marston Associates Inc	Small Business	P410-CONSULTING	\$49,500.00	-	-
4500040716	7/20/21	Kansas Street Investments, Inc.		A140-AUTO/TRUCK REPAIR	\$1,025.39	-	-
4500040717	7/20/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$478.42	-	-
4500040718	7/20/21	Muncie Transit Supply		B200-BUS PWR TRAIN EQUIP	\$16.70	-	-
4500040719	7/20/21	Transit Holdings Inc		B130-BUS BODY	\$2,147.41	-	-
4500040720	7/20/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$587.46	-	-
4500040721	7/20/21	Mohawk Mfg & Supply Co		B140-BUS CHASSIS	\$92.58	-	-
4500040722	7/20/21	R.S. Hughes Co Inc		G140-SHOP SUPPLIES	\$352.60	-	-
4500040723	7/20/21	Home Depot USA Inc		G130-SHOP TOOLS	\$211.16	-	-
4500040724	7/20/21	TK Services Inc		G170-LUBRICANTS	\$281.14	-	-
4500040725	7/20/21	Transit Holdings Inc		B120-BUS MECHANICAL PARTS	\$2,072.39	-	-
4500040726	7/20/21	Gillig LLC		B140-BUS CHASSIS	\$202.40	-	-
4500040727	7/20/21	Prochem Specialty Products Inc	Small Business	G180-JANITORIAL SUPPLIES	\$828.49	-	-
4500040728	7/20/21	W.W. Grainger Inc		G140-SHOP SUPPLIES	\$146.42	-	-
4500040729	7/20/21	SPX Corporation		G290-FARE REVENUE EQUIP	\$114.45	-	-

Purchasing Document	PO Executed Date	Name	Prime Business Certification	Material Group	PO Value	DBE Sub Commitment	Non DBE SubCommitment
4500040730	7/20/21	Cummins Pacific LLC		P190-REV VEHICLE REPAIRS	\$270.00	-	-
4500040731	7/20/21	San Diego Friction Products, Inc.		B120-BUS MECHANICAL PARTS	\$47.19	-	-
4500040732	7/20/21	Industrial Maintenance Supply LLC	DBE	G150-FASTENERS	\$179.92	-	-
4500040733	7/20/21	The Gordian Group, Inc.		C130-CONSTRUCTION SVCS	\$6,771.92	-	-
4500040734	7/20/21	Team One Repair Inc		G280-FARE MATERIALS	\$1,916.22	-	-
4500040735	7/20/21	Davra Networks USA		I110-INFORMATION TECH	\$28,000.00	-	-
4500040736	7/21/21	Transit Products and Services		B130-BUS BODY	\$6,465.00	-	-
4500040737	7/21/21	Siemens Mobility, Inc.		M130-CROSSING MECHANISM	\$20,541.47	-	-
4500040738	7/21/21	Siemens Mobility, Inc.		R160-RAIL/LRV ELECTRICAL	\$551.53	-	-
4500040739	7/21/21	Downtown San Diego Partnership		G260-MEDIA	\$1,200.00	-	-
4500040740	7/21/21	ABC General Contractor Inc		C130-CONSTRUCTION SVCS	\$27,016.04	-	\$21,791.14
4500040741	7/21/21	Steven Timme		G230-PRINTED MATERIALS	\$2,617.88	-	-
4500040742	7/21/21	Johnson Controls Fire Protection LP		P110-BLDG MAINTENANCE	\$1,512.58	-	-
4500040743	7/21/21	Muncie Transit Supply		B200-BUS PWR TRAIN EQUIP	\$71.28	-	-
4500040744	7/21/21	Transit Holdings Inc		B130-BUS BODY	\$3,666.91	-	-
4500040745	7/21/21	Transit Holdings Inc		B200-BUS PWR TRAIN EQUIP	\$117.19	-	-
4500040746	7/21/21	Drain Medic Inc	Small Business	P120-BLDG/FACILITY REPRS	\$1,000.00	-	-
4500040747	7/21/21	Synco Chemical Corporation		G170-LUBRICANTS	\$1,773.50	-	-
4500040748	7/21/21	RR Donnelley and Sons Co		G280-FARE MATERIALS	\$36,336.90	-	-
4500040749	7/21/21	Robcar Corporation	Woman Owned Business	G140-SHOP SUPPLIES	\$668.06	-	-
4500040750	7/21/21	Waxie's Enterprises Inc.		G180-JANITORIAL SUPPLIES	\$413.01	-	-
4500040751	7/21/21	Cummins Pacific LLC		B200-BUS PWR TRAIN EQUIP	\$4,630.02	-	-
4500040752	7/21/21	Muncie Transit Supply		B200-BUS PWR TRAIN EQUIP	\$8.19	-	-
4500040753	7/21/21	Transit Holdings Inc		B140-BUS CHASSIS	\$1,446.32	-	-
4500040754	7/21/21	Industrial Maintenance Supply LLC	DBE	B240-BUS/VEHICLE PROCRMNT	\$21,862.19	-	-
4500040755	7/21/21	Gillig LLC		B120-BUS MECHANICAL PARTS	\$549.86	-	-
4500040756	7/21/21	W.W. Grainger Inc		G140-SHOP SUPPLIES	\$605.18	-	-
4500040757	7/21/21	TESSCO Technologies Incorporated		P190-REV VEHICLE REPAIRS	\$274.64	-	-
4500040758	7/21/21	Norman Industrial Materials		G140-SHOP SUPPLIES	\$1,870.65	-	-
4500040759	7/21/21	Elkhart Brass Manufacturing Co.		B250-BUS REPAIR PARTS	\$302.25	-	-