



Executive Committee Agenda

Click link to access the meeting:

<https://us02web.zoom.us/j/94562188418>






Zoom Meeting ID

Ways to Join



Computer: Click the link above. You will be prompted to run the Zoom browser or Zoom application. Once signed on to the meeting, you will have the option to join using your computer audio system or phone.

Webinar Features:

 Raise Hand	▶	Use the raise hand feature every time you wish to make a public comment.
	▶	Participants can enable closed captioning by clicking the CC icon. You may also view the full transcript and change the font size by clicking 'subtitle settings'. These features are not available via phone.
	▶	This symbol shows you are muted , click this icon to unmute your microphone.
	▶	This symbol shows you are currently unmuted , click this button to mute your microphone.
	▶	The chat feature should be used by panelists and attendees solely for "housekeeping" matters as comments made through this feature will not be retained as part of the meeting record. See the Live Verbal Public Comment for instructions on how to make a public comment.



Smartphone or Tablet: Download the Zoom app and join the meeting by clicking the link or using the webinar ID (found in the link).



Phone:

1. If you are joining the meeting audio by phone and viewing the meeting on a device, dial the number provided in the 'join audio' phone call tab of the initial pop-up, and enter the Meeting ID (found in the link).
2. If you are joining by phone only, dial: **+1-669-900-9128** or **+1-253-215-8782** and type the meeting ID found in the link, press #. You will have access to the meeting audio, **but will NOT be able to view the PowerPoint presentations.**



Live Verbal Public Comments: Use the 'Raise Hand' icon every time you wish to make a public comment on an item. Raise your hand once the agenda item you wish to comment on has been called. In person public comments will be taken first, virtual attendees will be taken in the order in which they raise their hand. Requests to speak will not be taken after the public comment period ends, unless under the Chair's discretion. General Public Comment, at the beginning of the Board of Directors meeting only, will be limited to five speakers. Additional speakers with general public comments will be heard at the end of the meeting. Three-minutes of time is allotted per speaker, unless otherwise directed by the Chair.

Public Comments Made Via Zoom

1. Click the link found at the top of this instruction page
2. Click the raise hand icon located in the bottom center of the platform
3. The Clerk will announce your name when it is your turn to speak
4. Unmute yourself to speak

Public Comments Made by Phone Only

1. Dial **+1-669-900-9128**
2. Type in the zoom meeting ID found in the link and press #
3. Dial *9 to raise your hand via phone
4. The Clerk will call out the last 4 digits of your phone number to announce you are next to speak
5. Dial *6 to unmute yourself



Written Public Comments (before the meeting): Written public comments will be recorded in the public record and will be provided to MTS Board Members in advance of the meeting. Comments must be emailed or mailed to the Clerk of the Board* by 4:00pm the day prior to the meeting.



Translation Services: Requests for translation services can be made by contacting the Clerk of the Board* at least four working days in advance of the meeting.



In-Person Participation: In-person public comments will be heard first. Following in-person public comments, virtual attendees will be heard in the order in which they raise their hand via the Zoom platform. Speaking time will be limited to three minutes per person, unless specified by the Chairperson. Requests to speak will not be taken after the public comment period ends, unless under the Chair's discretion.

Instructions for providing in-person public comments:

1. Fill out a speaker slip located at the entrance of the Board Room;
2. Submit speaker slip to MTS staff seated at the entrance of the Board Room;
3. When your name is announced, please approach the podium located on the right side of the dais to make your public comments.

Members of the public are permitted to make general public comment at the beginning of the agenda or specific comments referencing items on the agenda during the public comment period. General Public Comment, at the beginning of the Board of Directors meeting only, will be limited to five speakers. Additional speakers with general public comments will be heard at the end of the meeting.



Assistive Listening Devices (ALDs): ALDs are available from the Clerk of the Board* prior to the meeting and are to be returned at the end of the meeting.



Reasonable Accommodations: As required by the Americans with Disabilities Act (ADA), requests for agenda information in an alternative format or to request reasonable accommodations to facilitate meeting participation, please contact the Clerk of the Board* at least two working days prior to the meeting.



***Contact Information:** Contact the Clerk of the Board via email at ClerkoftheBoard@sdmts.com, phone at (619) 398-9681 or by mail at 1255 Imperial Ave. Suite 1000, San Diego CA 92101.



Agenda del Comité Ejecutivo

Haga clic en el enlace para acceder a la reunión:

<https://us02web.zoom.us/j/94562188418>






Formas de Participar



Computadora: Haga clic en el enlace más arriba. Recibirá instrucciones para operar el navegador de Zoom o la aplicación de Zoom. Una vez que haya iniciado sesión en la reunión, tendrá la opción de participar usando el sistema de audio de su computadora o teléfono.

ID de la reunión
en Zoom

Funciones del Seminario En Línea:

 Levantar la mano	►	Use la herramienta de levantar la mano cada vez que desee hacer un comentario público.
	►	Los participantes pueden habilitar el subtitulado haciendo clic en el ícono CC. También puede ver la transcripción completa y cambiar el tamaño de letra haciendo clic en “configuración de subtítulos”. Estas herramientas no están disponibles por teléfono.
	►	Este símbolo indica que usted se encuentra en silencio , haga clic en este ícono para quitar el silenciador de su micrófono.
	►	Este símbolo indica que su micrófono se encuentra encendido . Haga clic en este símbolo para silenciar su micrófono.
	►	La herramienta de chat deben usarla los panelistas y asistentes únicamente para asuntos “pertinentes a la reunión”, ya que comentarios realizados a través de esta herramienta no se conservarán como parte del registro de la reunión. Consulte el Comentario público verbal en vivo para obtener instrucciones sobre cómo hacer un comentario público.



Teléfono Inteligente o Tableta: Descargue la aplicación de Zoom y participe en la reunión haciendo clic en el enlace o usando el ID del seminario web (que se encuentra en el enlace).



Teléfono:

1. Si está participando en la reunión mediante audio de su teléfono y viendo la reunión en un dispositivo, marque el número indicado en la pestaña de llamada telefónica “unirse por audio” en la ventana emergente inicial e ingrese el ID de la reunión (que se encuentra en el enlace).
2. Si está participando solo por teléfono, marque: **+1-669-900-9128** o **+1-253-215-8782** e ingrese el ID de la reunión que se encuentra en el enlace, pulse #. Tendrá acceso al audio de la reunión, **pero NO podrá ver las presentaciones en PowerPoint.**



Comentarios Públicos Verbales en Vivo: Use la herramienta “levantar la mano” cada vez que desee hacer un comentario público sobre alguno de los artículos. Levante la mano una vez que el artículo de la agenda sobre el que desea comentar haya sido convocado. Los comentarios públicos en persona se escucharán primero, se escuchará a los asistentes virtuales en el orden en el que levanten la mano. No se aceptarán solicitudes para hablar después de que termine el periodo para hacer comentarios públicos, a menos de que el presidente determine de otra forma a su discreción. Comentarios públicos generales, únicamente al inicio de la reunión de la Junta de Directores, se limitarán a cinco personas que deseen hablar. Las personas adicionales que deseen aportar comentarios públicos generales podrán hacerlo al final de la reunión. Se otorga tres minutos de tiempo por persona que desee hablar, a menos de que el presidente instruya de otra forma. *(Consulte la página 2 para obtener instrucciones sobre cómo hacer un comentario público.)*

Comentarios Públicos a Través de Zoom

1. Haga clic en el enlace que se encuentra en la parte superior de esta página de instrucciones
2. Haga clic en el ícono de levantar la mano en el centro inferior de la plataforma
3. El secretario anunciará su nombre cuando sea su turno de hablar
4. Desactive el silenciador para que pueda hablar

Comentarios Públicos Realizados Únicamente por Teléfono

1. Marque el **+1-669-900-9128**
2. Ingrese el ID de la reunión en Zoom que se encuentra en el enlace y pulse #
3. Marque *9 para levantar la mano por teléfono
4. El secretario indicará los últimos 4 dígitos de su número de teléfono para anunciar que usted será el siguiente en hablar
5. Marque *6 para desactivar el silenciador



Comentarios Públicos por Escrito (Antes de la Reunión): Los comentarios públicos por escrito se registrarán en el registro público y se entregarán a los miembros de la Junta de MTS antes de la reunión. Los comentarios deben enviarse por correo electrónico o postal al secretario de la Junta* antes de las 4:00 p.m. el día anterior a la reunión.



Servicios de Traducción: Pueden solicitarse servicios de traducción comunicándose con el secretario de la Junta* por lo menos cuatro días hábiles antes de la reunión.



Participación en Persona: Los comentarios públicos en persona se escucharán primero. Después de los comentarios públicos en persona, se escuchará a los asistentes virtuales en el orden en el que levanten la mano a través de la plataforma de Zoom. El tiempo para hablar se limitará a tres minutos por persona, a menos de que el presidente especifique de otra forma. No se recibirán solicitudes para hablar después de que termine el periodo para hacer comentarios públicos, a menos de que el presidente determine de otra forma a su discreción.

Instrucciones para brindar comentarios públicos en persona:

1. Llene la boleta para personas que desean hablar que se encuentran en la entrada de la Sala de la Junta.
2. Entregue la boleta para personas que desean hablar al personal de MTS que se encuentra sentado en la entrada de la Sala de la Junta.
3. Cuando anuncien su nombre, por favor, acérquese al podio ubicado en el lado derecho de la tarima para hacer sus comentarios públicos.

Los miembros del público pueden hacer comentarios públicos generales al inicio de la agenda o comentarios específicos que hagan referencia a los puntos de la agenda durante el periodo de comentarios públicos. Los comentarios públicos generales únicamente al inicio de la reunión de la Junta de Directores, se limitarán a cinco personas que deseen hablar. Las personas adicionales que deseen aportar comentarios públicos generales podrán hacerlo al final de la reunión.



Dispositivos de Asistencia Auditiva (ALD, por sus siglas en inglés): Los ALD están disponibles con el secretario de la Junta* antes de la reunión y estos deberán ser devueltos al final de la reunión.



Facilidades Razonables: Según lo requerido por la Ley de Estadounidenses con Discapacidades (ADA, por sus siglas en inglés), para presentar solicitudes de información de la agenda en un formato alternativo o solicitar facilidades razonables para facilitar su participación en la reunión, por favor, comuníquese con el secretario de la Junta* por lo menos dos días hábiles antes de la reunión.



***Información de Contacto:** Comuníquese con el secretario de la Junta por correo electrónico en ClerkoftheBoard@sdmts.com, por teléfono al **(619) 398-9681** o por correo postal en **1255 Imperial Ave. Suite 1000, San Diego CA 92101.**



Executive Committee Agenda

March 9, 2023 at 9:00 a.m.

In-Person Participation: James R. Mills Building, 1255 Imperial Avenue, 10th Floor Board Room, San Diego CA 92101

Teleconference Participation: (669) 444-9171; Webinar ID: 945 6218 8418, <https://us02web.zoom.us/j/94562188418>

NO.	ITEM SUBJECT AND DESCRIPTION	ACTION
1.	Roll Call	
2.	Public Comments	
3.	Approval of Minutes Action would approve the February 9, 2023 Executive Committee meeting Minutes.	Approve
DISCUSSION ITEMS		
4.	San Ysidro Transit Center Improvements Project Update (Denis Desmond, Beverly Neff)	Informational
5.	SANDAG Request for Innovative Concepts: Trolley Extension to Tijuana (Brent Boyd)	Informational
6.	PRONTO Fare System – Update on Open Payments Upgrade Options (Emily Outlaw)	Informational
7.	PRONTO Fare Validation (Tapping/Scanning) Education Update (Mark Olson)	Informational
OTHER ITEMS		
8.	Review of Draft March 16, 2023 MTS Board Agenda	
9.	Other Staff Communications and Business	
10.	Committee Member Communications and Other Business	
11.	Next Meeting Date: April 13, 2023	
12.	Adjournment	

1255 Imperial Avenue, Suite 1000, San Diego, CA 92101-7490 • (619) 231-1466 • sdmts.com

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.





**Metropolitan
Transit
System**

PUBLIC COMMENT
AI 2, 3/9/2023
No. in Queue: 1

CALL – IN PUBLIC COMMENT

Alex Wong, provided a public comment for agenda item #2. A paraphrased version of Wong's statement will be reflected in the minutes.

PUBLIC SPEAKER DISCLAIMER

INSTRUCTIONS

This meeting is offered both in an in-person and virtual format. In-person speaker requests will be taken first. Speaking time will be limited to three minutes per person, unless specified by the Chairperson. Members of the public are permitted to make general public comments at the beginning of the agenda or make specific comments on any item in the agenda at the time the Board/Committee is considering the item during the meeting. Requests to speak will not be taken after the public comment period ends, unless under the Chair's discretion.

BOARD OF DIRECTORS MEETING

General Public Comment at the beginning of the agenda will be limited to five speakers with the standard three-minute limit, unless otherwise directed by the Chair. Additional speakers with general public comments will be heard at the end of the meeting.

MEETING RECORD

A paraphrased version of this comment will be included in the minutes. The full comment can be heard by reviewing the recording posted on the respective meeting website:

<https://www.sdmts.com/about/meetings-and-agendas>.



MINUTES
MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM
EXECUTIVE COMMITTEE

February 9, 2023

[Clerk's note: Except where noted, public, staff and board member comments are paraphrased. The full comment can be heard by reviewing the recording at the [MTS website](#).]

1. Roll Call

Chair Fletcher called the Executive Committee meeting to order at 9:01 a.m. A roll call sheet listing Executive Committee member attendance is attached.

2. Approval of Minutes

Chair Fletcher moved to approve the minutes of the December 1, 2022, MTS Executive Committee meeting. Board Member Hall seconded the motion, and the vote was 5 to 0 in favor with Board Member Moreno absent.

3. Public Comment

There were no Public Comments.

DISCUSSION ITEMS

4. San Diego Transit Corporation (SDTC) Pension Investment Status (Jeremy Miller, Representative with RVK Inc. and Larry Marinesi)

Jeremy Miller, Representative with RVK Inc. and Larry Marinesi, MTS Chief Executive Officer presented on the SDTC pension investment status. Mr. Miller outlined: the background / status of SDTC pension plan, investment structure as of 6/30/2022, investment details as of 6/30/2022, FY 2022 performance, long term performance details, and investment structure summary.

Action Taken

Informational item only. No action taken.

5. San Diego Transit Corporation (SDTC) Employee Retirement Plan's Actuarial Valuation as Of July 1, 2022 (Anne Harper With Cheiron Inc. and Larry Marinesi)

Anne Harper With Cheiron Inc. and Larry Marinesi, MTS Chief Executive Officer presented on SDTC employee retirement plan's actuarial valuation as of July 1, 2022. Ms. Harper presented on: pension plan management, pension plan contributions, plan cost changes, plan history contributions and funding, membership composition, projected total contributions, projected funded ratio and staff's recommendation.

Committee Comment

Board Member Moreno supported staff's recommendation. She noted that the agency's decision to gradually lower the assumed rate of return was a very prudent move and continued her support for further reduction. She acknowledged that some may disagree with a lower reduction because of the average historical rate of investment return and disagreed with the logic. She suggested that the rate of return be adjusted to be 4% – 5% in the future over time. She asked staff to evaluate what it would mean to open pension contributions to SDTI and SDTC employees. She acknowledged that reopening would not be something new for the region since the City of San Diego was undergoing the process. She noted it would help recruit and retain employees, in addition to match other public employees in the region who do receive pensions.

Chair Fletcher supported a scenario analysis exploring what it would take to bring back pensions. He noted the non-ideological nature of pensions of an employee contribution into a pool with an assumed rate of return. He described various non-actuarially sound scenarios and believed there was a proper way to have a pension system to protect both the agency and worker's fiscal health.

Board Member Bush praised the informational presentation of the plan. He asked about adjusting the expected rate of return and for staff to clarify rate percentage adjustment impacts. Mr. Marinesi noted that each time the agency reduced the discount rates, there was an incremental increase in contributions. A 75-basis point reduction represented about 1 million dollars. Ms. Harper clarified the net impact of the reduced discount rate and the mortality update assumption in the last two years. This decreased the agency's liabilities due to the adjustment of the mortality assumption performed six years ago and the optimism that people would live longer than anticipated. In 2021, that anticipation was adjusted and is reflected as a decrease. Board Member Bush asked if that reduction was a positive impact. Mr. Marinesi noted that the adjustment down to the discount rate is in line with what the investment returns have been.

Board Member Elo-Rivera asked what their considerations would be if the agency chose to assess adding new workers into the pension program. Mr. Marinesi replied that in terms of financial considerations, there would be a significant structural increase in cost year over year. He added that the agency would have to conduct a formal actuarial review of this scenario, but that it would be several million dollars per year in normal costs, plus potential actuarial liability on the agency if specific targets are not met on investment returns. Sharon Cooney, MTS Chief Executive Officer added that the agency stopped participating in the plan, because it was unsustainable due to the small size of the plan compared to large investment plans and the returns they can achieve. She acknowledged that the pension would become a large percentage of the agency's operation budget which was not sustainable. The Board would have to consider weighing the cost to re-open the plan and finding ways to offset those expenses. Ms. Harper added that the cost of accruing benefits for the active members would increase and the new onboarding personnel becomes unfunded and susceptible to market changes. She also acknowledged that because this is a closed plan, the agency would also have to immediately incur a large unfunded liability on past service.

Chair Fletcher asked if that was under the assumption that new members would receive the same benefits as seasoned workers. Ms. Harper agreed. He asked for staff to explore if there was a way to partner with a larger benefit plan to not incur the disadvantages from a smaller plan.

Board Member Elo-Rivera shared the same interest in participating in a larger fund and listed benefits such as employee retention

Chair Fletcher also added that the agency should assess the value of a recruiting and retention tool. Ms. Cooney acknowledged that in CalPERS, each employee pays 8% into the plan, which some employees may not necessarily want to contribute that percentage of their salary if transferred to a new plan. Mr. Marinesi added that currently, under the defined contribution pension plan, the agency contributes 6%, and then if the employee contribute 2%, the agency matches that for an additional 2%, for 10% total.

Vice Chair Whitburn also expressed interest in assessing the current retirement plan and its impacts. He was interested in the interest of the employee groups and the financial component. He also asked about the confidence level in the assumptions for the current pension to be funded and said that over the past 10 years, the funded ratio has declined, however the

presentation suggests that over the next 13 years, those ratios will be fully funded. He asked about staff's surety to reach said goal. Mr. Marinesi answered that when a targeted discount rate is lowered, the effect is that the funding liability is reduced. As the pot is bigger, investments do not change, the unfunded portions do not increase, which reduces your percentage fund. He assumes some variance in the assumed projection however, the agency will reach the plan goal based in the manner in which it is paying the plan. Ms. Harper explained that any loss this year becomes amortized over 15 years, in order to reach that target date. In accordance to policy, any loss or gains within 5 years will be amortized over 5 years which will make the contribution become more volatile, but will ensure that contribution is paid to 100% funded. Vice Chair Whitburn clarified that in terms of employee contribution, the agency will take the necessary steps to ensure the agency hits those goals.

Board Member Bush asked if COVID mortality rates decrease the unfunded liability. Ms. Harper replied that over the last two years, people who were mortally affected by the pandemic were older with a shorter life expectancy. The number of people was more than expected, but benefit payments were actually less than expected, with little liability impact.

Board Member Moreno asked staff to confirm that there were MTS employees in the pension plan. Mr. Marinesi confirmed. She asked if pension participants are only management. Ms. Cooney replied that that operators who predated the closure of the pension plan remained in the plan. Ms. Harper clarified that there were 330 driver active members in the plan. Board Member Moreno asked that the recommendation be modified to direct the Budget Development Committee to evaluate an actuarial plan for the inclusion of operations workers into the pension system.

Action Taken

Board Member Moreno moved to forward a recommendation to the MTS Board of Directors to receive the SDTC Employee Retirement Plan's (Plan) Actuarial Valuation as of July 1, 2021, and adopt the pension contribution amount of \$18,946,198 for fiscal year 2024; and direct the Budget Development Committee to evaluate an actuarial scenario for the inclusion of SDTC operations workers into the pension system. Chair Fletcher seconded the motion, and the vote and the vote was 6 to 0 in favor.

6. Security Services – Contract Amendment

Al Stiehler, MTS Director of Transit Security and Passenger Safety presented on Security Services contract amendment. He discussed: the background and contract details, personnel turnover, work shift rating, contract amendment request, proposed changes, cost analysis, MTS customer satisfaction survey results for 2022, re-imaging security, options and staff's recommendation.

Committee Comment

Ms. Cooney acknowledged that normally MTS would bring this item to the Public Security Committee, however, this item is brought to the Executive Committee because of the need to onboard new hires into the Security department before the next Public Security Committee meeting. Chair Fletcher clarified that new positions were not being added, not that there would be an increase in security patrols and that policy decisions were not changing, but rather this item was purely a budgetary change. Mr. Stiehler confirmed that between staff retention and a competitive market, the agency is attempting to mitigate high turnover.

Board Member Elo-Rivera acknowledged the 97% turnover rate and noted the seamless transition of contractors and lack of disruption in operations. He appreciated the recognition for security, with the understanding that safety is defined differently per person. He asked why some positions are prioritized for pay increases over others. Mr. Stiehler explained that the minimum wage has increased and cost of living is so high that a higher hourly rate is competitive and comparable with other markets. Armed officers are currently at the proposed increase level so an hourly increase for that classification is not needed. Dispatch staff is also experiencing similar turnover so wage increases would also help retention. Board Member Elo-Rivera asked about equity consideration and who would be benefited most by wage increases. Mr. Stiehler replied that he does not have that information, but he assured the Committee that 190 contract security personnel will be benefiting from the increase.

Board Member Hall asked staff to clarify the Inter-Con employee daily health report. Mr. Stiehler replied that the survey was meant for staff to evaluate their shift. The survey is not case specific, but rather an overall assessment of the shift. Management will use this to speak to staff if they report several negative shifts in a row. The goal is to retain a steady and satisfied workforce.

Action Taken

Board Member Elo-Rivera moved to forward a recommendation to the MTS Board of Directors to authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. G2359.5-20, with Inter-Con Security Services (Inter-Con), in the amount of \$5,273,494 for Inter-Con contracted employee wage increases for the provision of security services through December 31, 2026. Chair Fletcher seconded the motion, and the vote was 6 to 0 in favor.

7. Spring Street Station Transit-Oriented Development (Sean Myott)

Sean Myott, MTS Manager of Real Estate Assets presented on the proposed Exclusive Negotiation Agreement with Affirmed Housing for the Spring Street Station Transit-Oriented Development. He outlined: the background, current use, various developer proposals and comparisons, MTS decision making rationale and staff's recommendation and next steps.

Public Comment

Corinna Contreras – Representing Climate Action Campaign made a verbal statement to the Board during the meeting. Contreras supported the Affirmed proposal and the commitment to construction and long-term maintenance of driver and public restroom facilities. Contreras advocated for bike parking, protected bus lanes, tree shading, and sidewalk accessibility.

Committee Comment

Vice Chair Whitburn asked if the proposers had an opportunity to modify their initial proposals and what version was presented at today's meeting. He acknowledged that a re-evaluated proposal could take more time, but noted that with re-evaluation, the agency could receive better proposals. Mr. Myott acknowledged that proposals did not undergo the formal Request for Proposal (RFP) or Request for Qualifications (RFQ) processes, but rather is abiding by Policy 18. Affirmed submitted a proposal and within 30 days of MTS posting notice of the unsolicited offer, Chelsea and USA also submitted proposals. Staff followed up with the proposers asking various operational, financial and restroom questions in order to reach a staff recommendation on which proposal should move forward to the exclusive negotiation phase.

Board Member Elo-Rivera appreciated the request to include restrooms with maintenance responsibility assumed by the developer. He preferred that parking was not prioritized over

homes. He also asked staff to advocate the proposal to be as amenable as possible to first mile, last mile options. He considered the proposals a baseline and would want to assure developers are held accountable to following through with the amenities of the initial proposal.

Board Member Bush asked if the Surplus Lands Act was not applicable, because it was a long 100-year lease. Ms. Landers clarified that the act does apply however, in 2020, the agency declared the property surplus and issued the required notices. At that time, the agency did not receive a notice of interest within the required 60-day period. Board Member Bush asked if this applied for all of MTS's properties; Ms. Landers confirmed. Board Member Bush acknowledged studio apartment and would defer to the City of La Mesa to make their decision on units while also attempting to maximize the financial advantage for the agency. He specifically asked about the outreach to the City of La Mesa and asked if they have had public discussion about the project and if there are any approval processes with the City of La Mesa. Ms. Landers clarified that this was a ministerial project. One of Board Member Dillard's concerns was if the number of studios in Affirmed's proposal was too many, and asked that in the negotiation process, the agency see if those studio counts could be reassessed. She also asked staff to include solar technology in the design of the project to address the City's Climate Action Plan. Ground floor commercial availability was also a priority for Board Member Dillard. Ms. Landers acknowledged that staff has not spoken to City Management in the actual negotiation process nor had she spoken to Councilmember Parent yet. Mr. Myott added that in the La Mesa Transit Oriented Development study, the City experienced community outreach challenges due to COVID. Staff made sure the three proposers were well aware that the agency has spent time and effort on the study and wanted to ensure that Affirmed incorporated the recommendation with their proposals. Board Member Bush asked staff to confirm if the proposal was in line with the City of La Mesa's priorities. Ms. Landers noted that it generally aligns, but a detailed review has not been conducted. Ms. Landers clarified that the Affirmed proposal has the lowest amount of transit parking replacement and staff would use the parking study results to assess the required number of parking spaces. Board Member Bush believed studio apartment availability was needed. He noted that he would support unit construction over parking availability and asked staff to prioritize accordingly. He also added that additional negotiations with the other proposers may cause delay.

Board Member Hall would support additional parking spaces, but would default to negotiations and noted advantages of one-bedroom apartments.

Board Member Bush asked about negotiations to provide subsidized transit passes for residents. Ms. Landers assured that the discussion could be had, however, the amenity is expensive if done out of pocket. She noted that developers are looking for grant opportunities to incorporate passes as an amenity. Board Member Bush noted that this would be important to assist mitigation for parking loss.

Chair Fletcher noted that the site is located in an existing residential area. He acknowledged Board Member Elo-Rivera's delineation points between the headcount and the number of units discrepancy. He noted that the bedroom count was more beneficial than the unit count. He supported a mixed used bedroom assortment. He acknowledged the persistent low parking use and the low use of the site. He was confident the agency would come to a compromised parking count. He was eager to see public restroom availability incorporated into the design.

Ms. Landers presented a document tracking units throughout MTS's Transit Oriented Developments. Board Member Elo-Rivera asked that the units be described as homes and not units.

Action Taken

Board Member Elo-Rivera moved to authorize the Chief Executive Officer to execute an Exclusive Negotiation Agreement (ENA) with Affirmed Housing (Affirmed) for a Spring Street Station Transit-Oriented Development Project. Chair Fletcher seconded the motion, and the vote and the vote was 6 to 0 in favor.

8. Upcoming Major Service Change Proposals - Iris Rapid Bus Route and Sorrento Valley Coaster Connection (Denis Desmond)

Denis Desmond, MTS Director of Planning presented on upcoming major service change proposals for Iris Rapid bus route and Sorrento Valley Coaster Connection. He provided details on: the upcoming March 2023 Public Hearing, Iris Rapid, Rapid station amenities, Iris Rapid proposals, Sorrento Valley COASTER connection, Sorrento Valley COASTER connection average daily boarding by fiscal year and subsidy per passenger, and Sorrento Valley COASTER connection proposals.

Public Comment

Corinna Contreras – Representing Climate Action Campaign made a verbal statement to the Board during the meeting. Contreras expressed excitement for the Iris Rapid connection. Contreras asked to see data on bus operator shortage and asked staff to make the data available to the public. Additionally, Contreras asked to see low speed vehicles in the Sorrento Valley area and the vital need to connect folks to job centers, particularly SR56.

Committee Comment

Board Member Moreno asked why the Cross Border Express (CBX) was not added to the Iris Rapid since there is not transit available for CBX. Mr. Desmond expressed the distance obstacles from the 905 freeway and that the deviation would add an additional 10-15 minutes to the trip, which defeats the efficiency of the Rapid. The CBX used various shuttle service contracts from San Ysidro and the Airport. He added that CBX would not be able to offer operation funding for MTS to service their area. However, SANDAG is looking toward the site as a possible Rapid destination service. Board Member Moreno acknowledged that the usage data is made public and that the agency could service the site near the entrance, on City property. She listed various benefits to servicing the area and suggested modifying the Iris Rapid route at a later date. Mr. Desmond noted that funding would be needed to facilitate the incorporation of a stop or a line to this area. Board Member Moreno stated that if their provider is not responsive, the agency should not wait and move ahead to accommodate service. Ms. Cooney cautioned adding a CBX stop to the Iris Rapid line since it would not make the trip efficient and would degrade the experience for customers on the line. In the future, the agency may find a different opportunity to establish a route that would not degrade the experience. Board Member Moreno challenged staff's suggestion since there are large volumes of commuters in the area and projected that the pedestrian volume would increase. Mr. Desmond noted an existing route near the area that could potentially be extended.

Action Taken

Informational item only. No action taken.

OTHER ITEMS

9. Review of Draft March 16, 2023 Board Agenda

Recommended Consent Items:

3. Approval of Minutes

Action would approve the January 26, 2023 Board of Director meeting minutes.

4. Kearny Mesa Division (KMD) Zero Emission Bus (ZEB) Overhead Charging System Layout and Design – Work Order

Action would authorize the Chief Executive Officer (CEO) to execute Work Order WOA356-AE-05 under MTS Doc No. PWL356.0-22 with Pacific Railway Enterprises, Inc. (PRE), a Disadvantaged Business Enterprise (DBE), in the amount of \$354,742.55 to provide engineering planning services for the KMD ZEB master planning.

5. Adoption of 2022 Conflict of Interest Code – Amendment

Action would 1) Adopt Resolution No. 23-01 amending the MTS Conflict of Interest Code pursuant to the Political Reform Act of 1974; 2) Adopt the amended 2023 MTS Conflict of Interest Code; and 3) Forward the amended 2023 MTS Conflict of Interest Code to the County of San Diego, the designated code-reviewing body, (Gov. Code § 82011) requesting approval of the amendment as required under Government Code section 87303.

6. Purchase of 24 Class C Propane Powered Medium Duty Minibuses - Contract Award

Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. B0744.0-22, with Creative Bus Sales (CBS), for the purchase of up to twenty-four (24) propane powered Class C Minibuses in the amount of \$5,028,360.24.

7. MTS Excess Liability Insurance Renewals

Action authorize the Chief Executive Officer (CEO) to purchase an Excess Liability Insurance Program, effective March 1, 2023, that results in a not to exceed amount of \$3,196,218 based on the expiring coverage structure of \$70M excess of a \$5M Self Insured Retention (SIR).

8. Investment Report – Quarter Ending December 31, 2022

Printing Timetables – Contract Award

Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. G2686.0-23 with Neyenesch Printers, Inc., (Neyenesch), a certified Small Business (SB), for the provision of printing timetables for a period of three (3) years, in the amount of \$375,731.09.

10. Hazardous and Universal Waste Management and Trauma Scene Clean-Up Services for San Diego Trolley, Inc. (SDTI) & San Diego Transit Corporation (SDTC) – Contract Award

Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. G2676.0-23 with Clean Harbors Environmental Services, Inc. (“Clean Harbors”) for the provision of Hazardous Waste and Trauma Scene Clean-Up Services for five (5) years for up to \$1,912,145.96.

11. C Street & Broadway Wye Sicas S7 And Wheel Counter Replacement - Work Order

Action would authorize the Chief Executive Officer (CEO) to execute Work Order MTS Doc. No. PWL355.0-22, WOA355-AE-11, with Psomas, in the amount of \$299,610.15 to provide engineering design review for the C Street and Broadway Wye – Sicas S7 and wheel counter replacement.

12. Security Services – Contract Amendment

Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. G2359.5-20, with Inter-Con Security Services (Inter-Con), in the amount of \$5,273,494 for Inter-Con contracted employee wage increases for the provision of security services through December 31, 2026.

Ms. Cooney noted the City's decision after a year and a half of discussion to close 5th Avenue from F St to Broadway, which would impact the 120 Express service and Route 3. She stated she would add the topic to the agenda with a potential action to the Board.

10. Other Staff Communications and Business

Ms. Cooney noted an amendment agreement for the MOU with SANDAG for the Youth Opportunity Pass that would extend the program past June 2023. MTS, SANDAG, and the North County Transit District are working to finalize the MOU.

11. Committee Member Communications and Other Business

There was no Committee Member Communications and Other Business discussion.

12. Next Meeting Date

The next Executive Committee meeting is scheduled for March 9, 2023, at 9:00 a.m.

13. Adjournment

The meeting was adjourned at 11:08am.

/S/ Nathan Fletcher

Chairperson

San Diego Metropolitan Transit System

/S/ Dalia Gonzalez

Clerk of the Board

San Diego Metropolitan Transit System

Attachment: Roll Call Sheet

/S/ Dalia Gonzalez



Agenda Item No. 4

MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM EXECUTIVE COMMITTEE

March 9, 2023

SUBJECT:

San Ysidro Transit Center Improvements Project Update (Denis Desmond, Beverly Neff)

INFORMATION ONLY

Budget Impact

None at this time.

DISCUSSION:

The San Ysidro Transit Center (SYTC) is a critical MTS transportation hub serving one of the region's historically and culturally significant communities, one of the world's busiest land border crossings, and a dynamic segment of the binational population that live, work, and play on either side of the U.S.-Mexico border. The SYTC is the busiest origin-destination station in the MTS network, served by public and privately-operated services including the Trolley, MTS buses, private commercial buses, jitneys, and taxis. Prior to COVID-19, the adjacent San Ysidro Land Port of Entry (LPOE) facilitated a daily average of over 100,000 northbound travelers, nearly 30,000 of which crossed as pedestrians. On a typical weekday, more than 14,400 passengers boarded either an MTS bus or Trolley at the SYTC.

Despite serving as an anchor for the regional transportation system and major hub for domestic and international travel, movement to and from the SYTC is impeded by pedestrian and vehicular conflicts, circuitous ingress and egress, and physical constraints limiting connectivity for bus and rail service as well as other challenges. These issues exist against a backdrop of frequent long border crossing delays that exacerbates economic and air-quality impacts felt locally, regionally, and nationally in both the U.S. and Mexico. Recent expansion and modernization of the San Ysidro LPOE significantly increased capacity for personal travel – urging investment in multimodal facilities serving the border via SYTC and the surrounding area.



The San Ysidro Transit Center Improvements Project will identify and develop solutions for improvement of the SYTC and prime the site for future reconfiguration and upgrades. The goals of the project include improving pedestrian safety and connectivity, increasing capacity for Blue Line Trolley service, and optimizing use of available space at the SYTC. The project is currently in the planning phase with MTS and SANDAG closely coordinating, including the creation of a Project Development Team (PDT) comprised of staffs representing MTS, City of San Diego, Caltrans, SANDAG, and a consultant team. The current phase of the project includes planning and conceptual engineering activities to assess existing conditions and coordination of the multimodal system, identifying a suite of improvements (preferred solution) that address the project's goals, determining environmental analysis and permitting requirements, estimating necessary capital outlay and support costs, and developing an environmental clearance strategy to prepare and expedite the preferred solution through subsequent environmental, engineering, and design phases. Staff will provide an update on these efforts and the roadmap for the project going forward.

/s/ Sharon Cooney

Sharon Cooney
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, Julia.Tuer@sdmts.com

San Ysidro Transit Center Improvements Project

March 9, 2023

Challenges Impacting San Ysidro

- Constrained footprint limits capacity and impairs circulation for transit and other modes
- Various conflict points where pedestrians, vehicles, and transit modes converge impact pedestrian connectivity and safety
- Configuration of the space leads to confusion and is not optimized for user experience



Approach to Solutions

Objective: Improve the existing San Ysidro Transit Center through near-term measures that enhance:

- Pedestrian connectivity and safety
- Capacity for transit and the multimodal network serving the station
- User experience via optimizing the Transit Center plaza space and showcasing potential Mobility Hub features

Schedule:

Planning: Ongoing
(anticipated completion summer 2023)

Environmental: 2023-2024

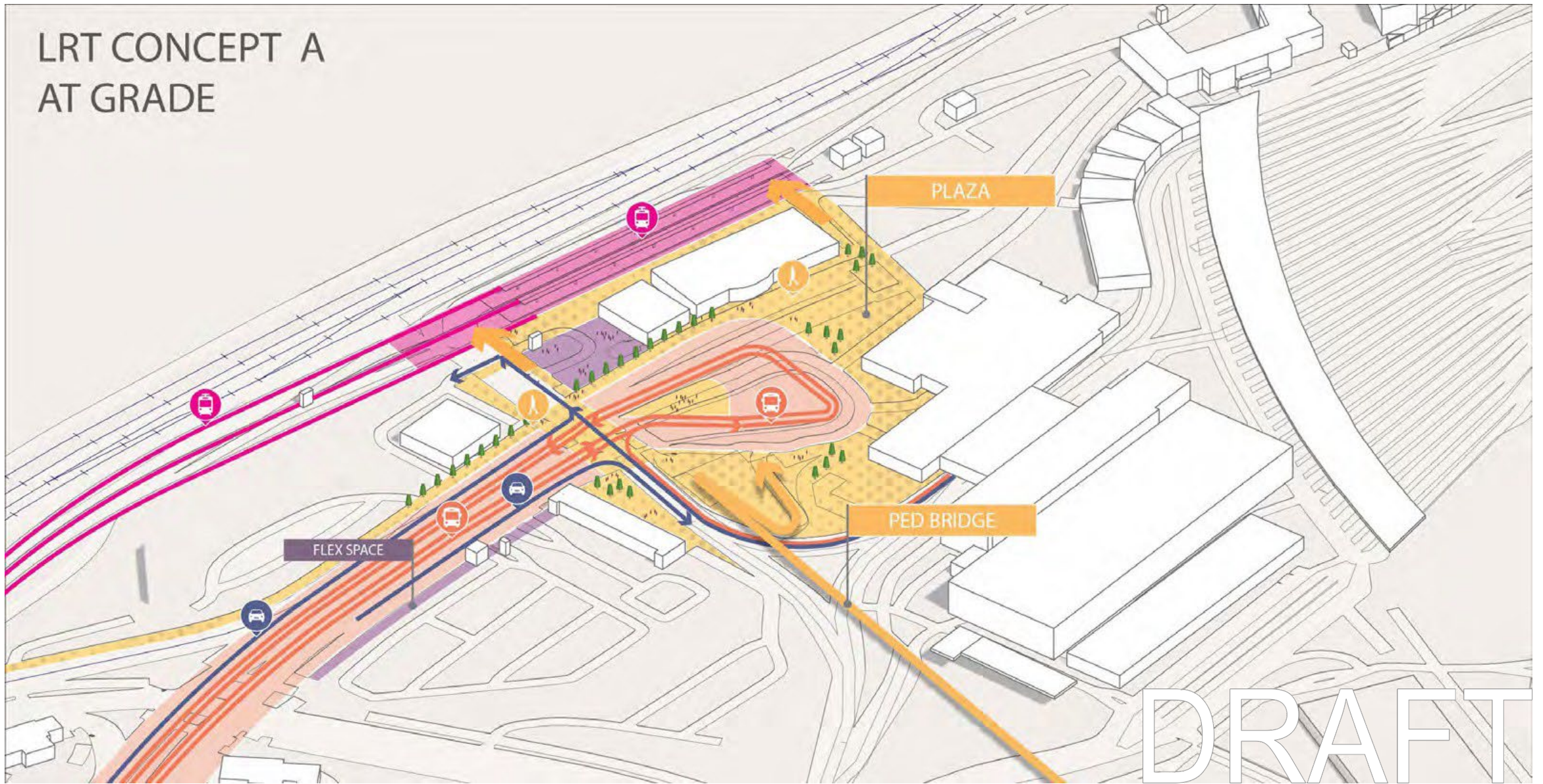
Design: 2024

Construction: 2025 +

Project Development Team:

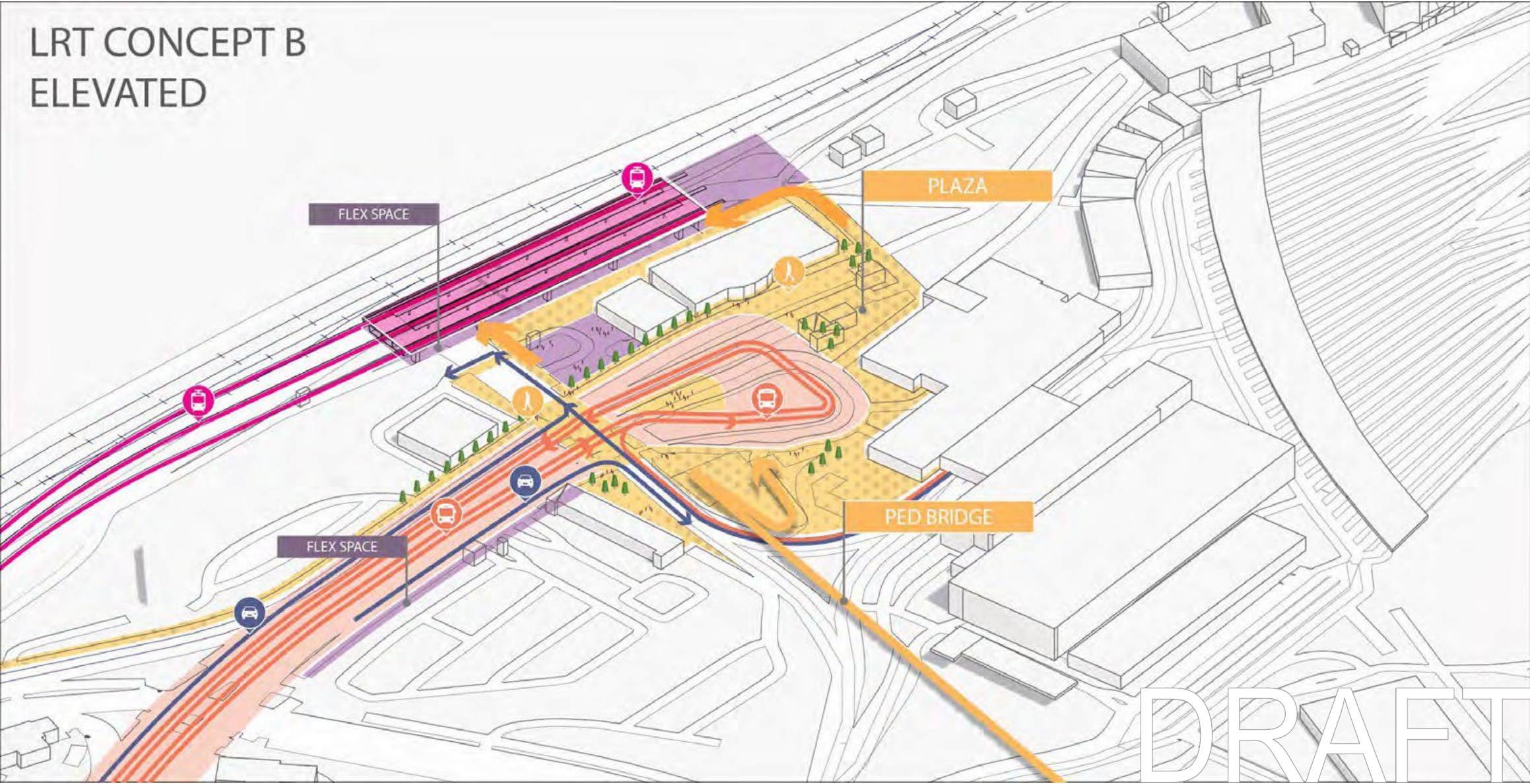


LRT CONCEPT A AT GRADE

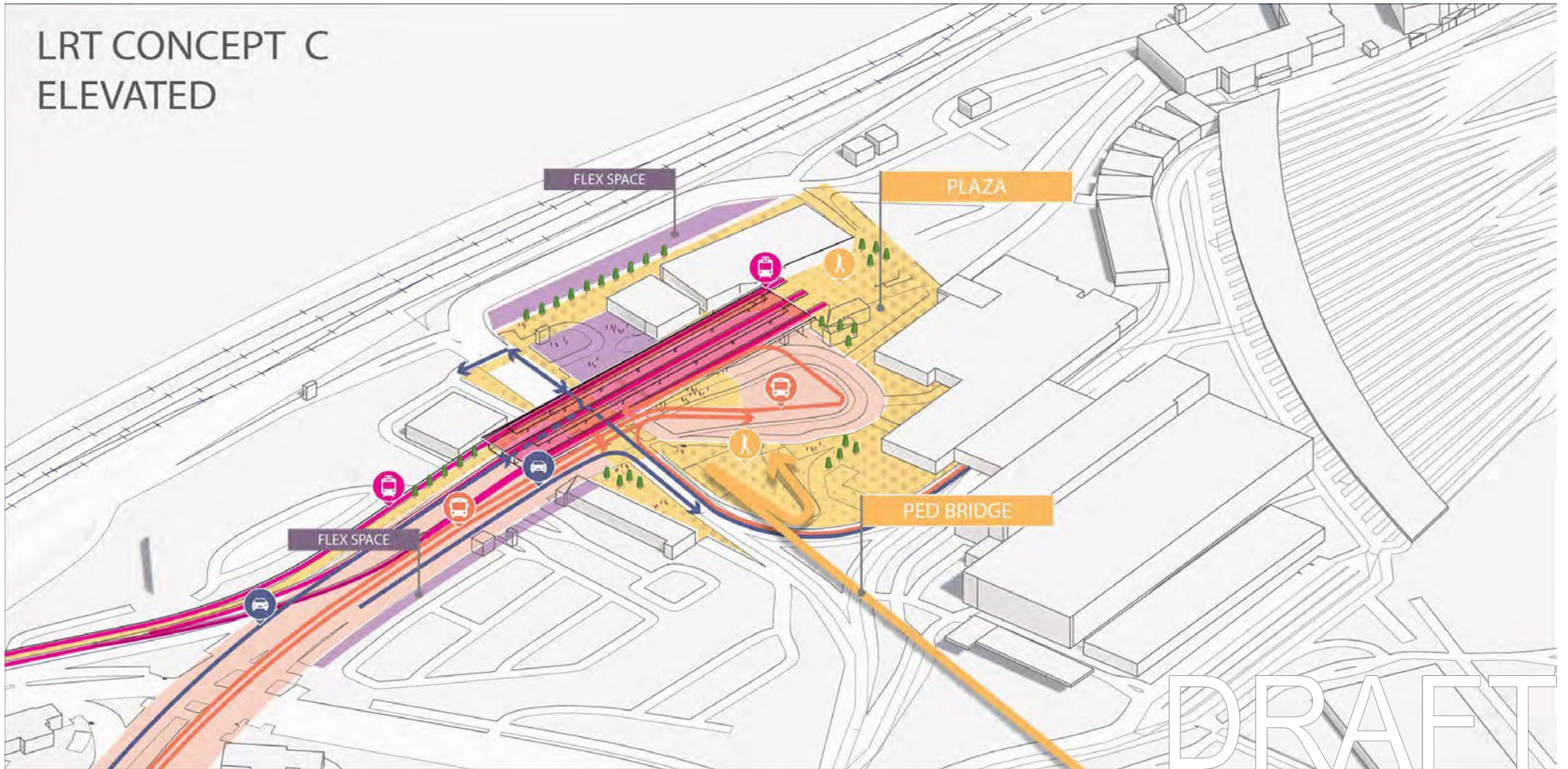


DRAFT

LRT CONCEPT B
ELEVATED



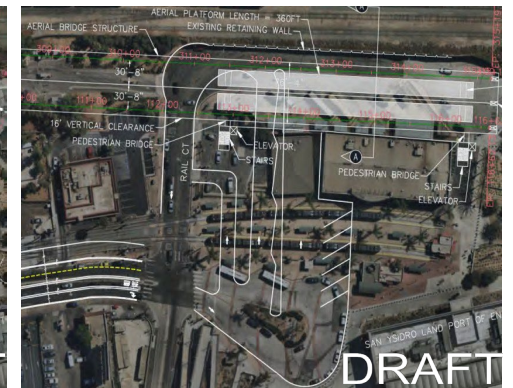
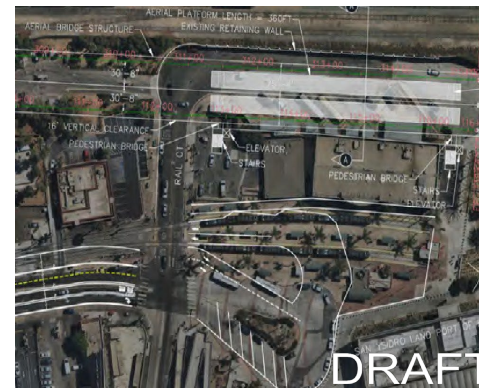
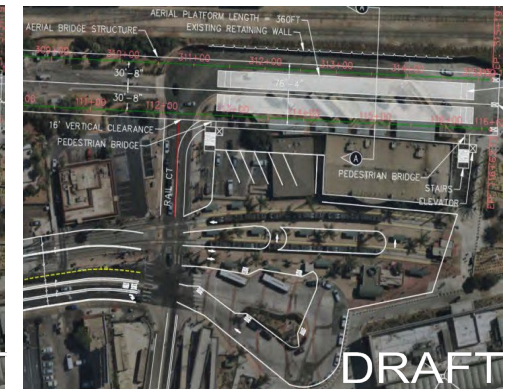
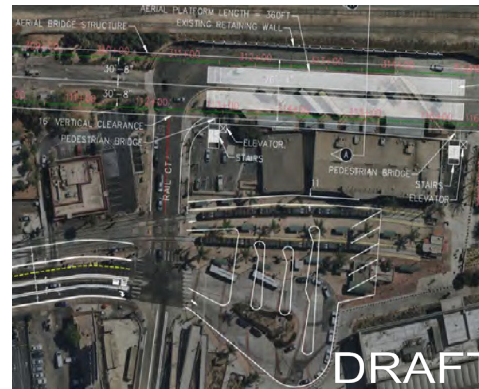
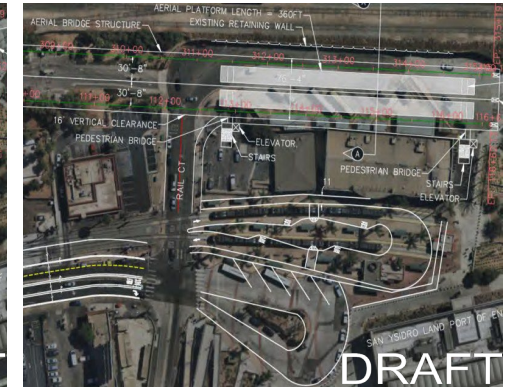
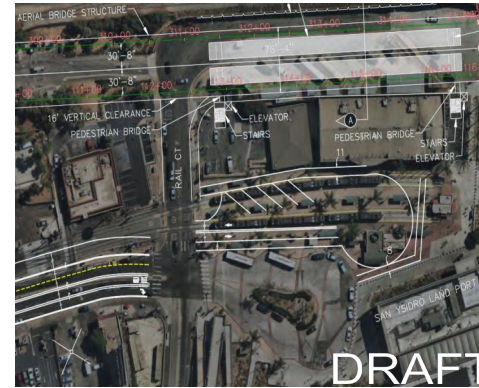
LRT CONCEPT C ELEVATED



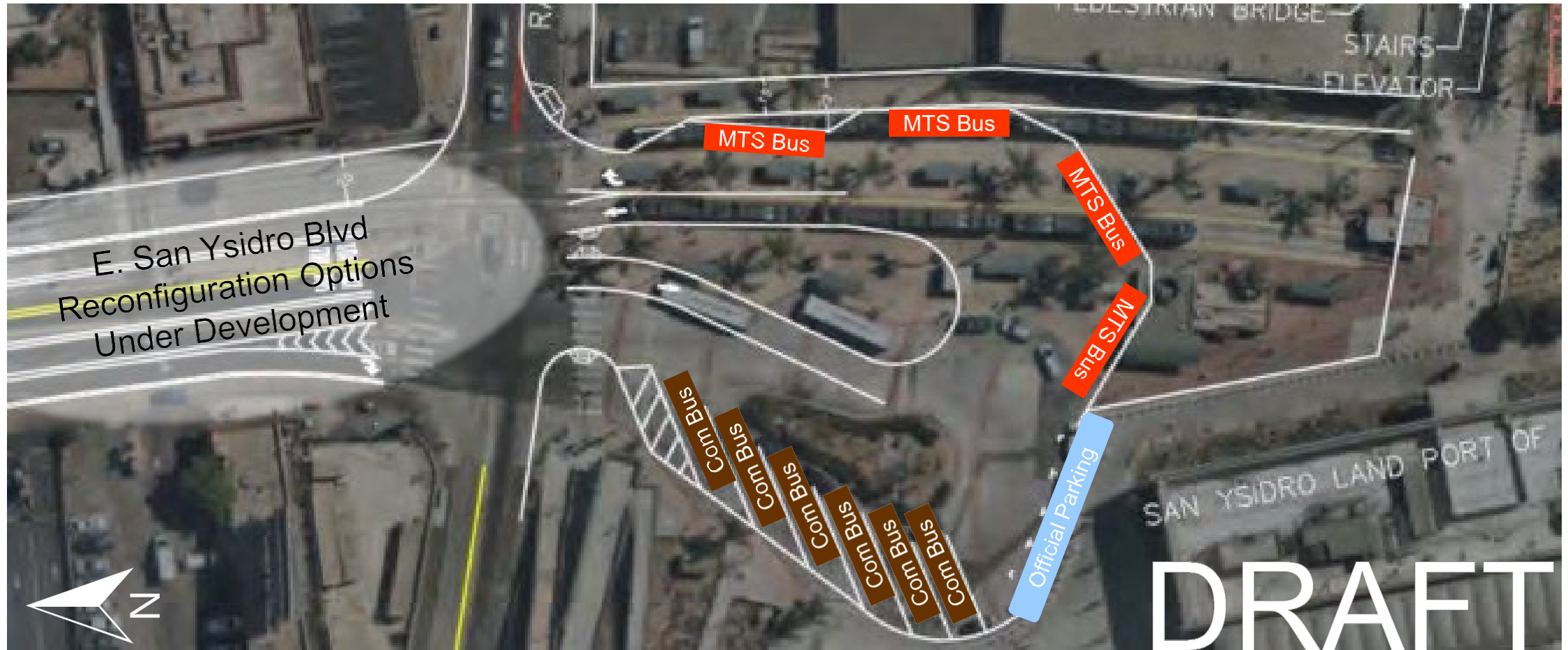
Bus Layout Options

Key Screening Question: Which feasible bus/vehicle options allow for the best pedestrian experience?

- Maximize space available for the main pedestrian plaza
- Minimize barriers to pedestrian mobility (such as vehicle conflicts)
- Provide pedestrian access among major modes & station areas



Potential Bus Layout Concept



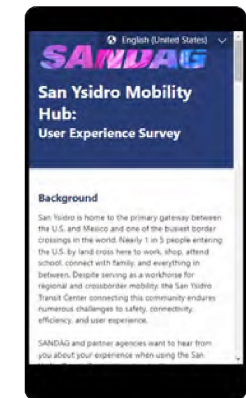
Stakeholder and Community Outreach

Presentations & briefings conducted to-date:

Upcoming
(pending scheduling)

Date	Stakeholder
3/29/22	U.S. General Services Administration (GSA)
	U.S. Customs and Border Protection (CBP)
5/16/22	San Ysidro Community Planning Group (SYCPG)
5/18/22	San Diego Police Department (SDPD)
7/12/22	Border Transportation Council (BTC)
8/5/22	U.S. General Services Administration (GSA)
	U.S. Customs and Border Protection (CBP)
8/26/22	Casa Familiar
9/6/22	SANDAG Committee on Binational Regional Opportunities (COBRO)
9/13/22	MTS For-hire Vehicle Admin and Transit Security
9/15/22	BriceHouse Inc.
10/11/22	Border Transportation Council (BTC)
10/17/22	San Ysidro Community Planning Group (SYCPG)
10/19/22	Councilmember Vivian Moreno's Office
10/20/22	Supervisor Nora Vargas' Office
11/10/22	SANDAG Mobility Working Group
11/17/22	Border Fusion Institute
11/18/22	SANDAG Borders Committee
11/29/22	U.S. General Services Administration (GSA)
	U.S. Customs and Border Protection (CBP)
1/26/23	SANDAG Social Equity Working Group
2/7/23	SANDAG Committee on Binational Regional Opportunities (COBRO)
2/21/23	Casa Familiar
TBD	Smart Border Coalition
TBD	State of Baja California
TBD	Ayuntamiento de Tijuana (IMPLAN Tijuana)
TBD	Ayuntamiento de Tijuana (Secretariate of Mobility)

User Experience Survey (March - April 2023)



Questions?



Agenda Item No. 5

MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM EXECUTIVE COMMITTEE

March 9, 2023

SUBJECT:

SANDAG Request for Innovative Concepts: Trolley Extension to Tijuana (Brent Boyd)

INFORMATION ONLY

Budget Impact

None at this time.

DISCUSSION:

In 2021, the San Diego Association of Governments (SANDAG) issued a request for Innovative Concepts, inviting interested groups to submit innovative concepts that would improve transportation in the region.

In 2022, three finalists were chosen, including a proposal from Cordoba Corporation to extend the Blue Line Trolley one mile into Tijuana, among other aspects to improve cross-border travel. This concept has attracted significant media attention.

MTS staff will update the Executive Committee on the current status and a summary of the issues that would need to be resolved prior to implementation. Direction from the Executive Committee will be solicited.

/s/ Sharon Cooney
Sharon Cooney
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, Julia.Tuer@sdmts.com



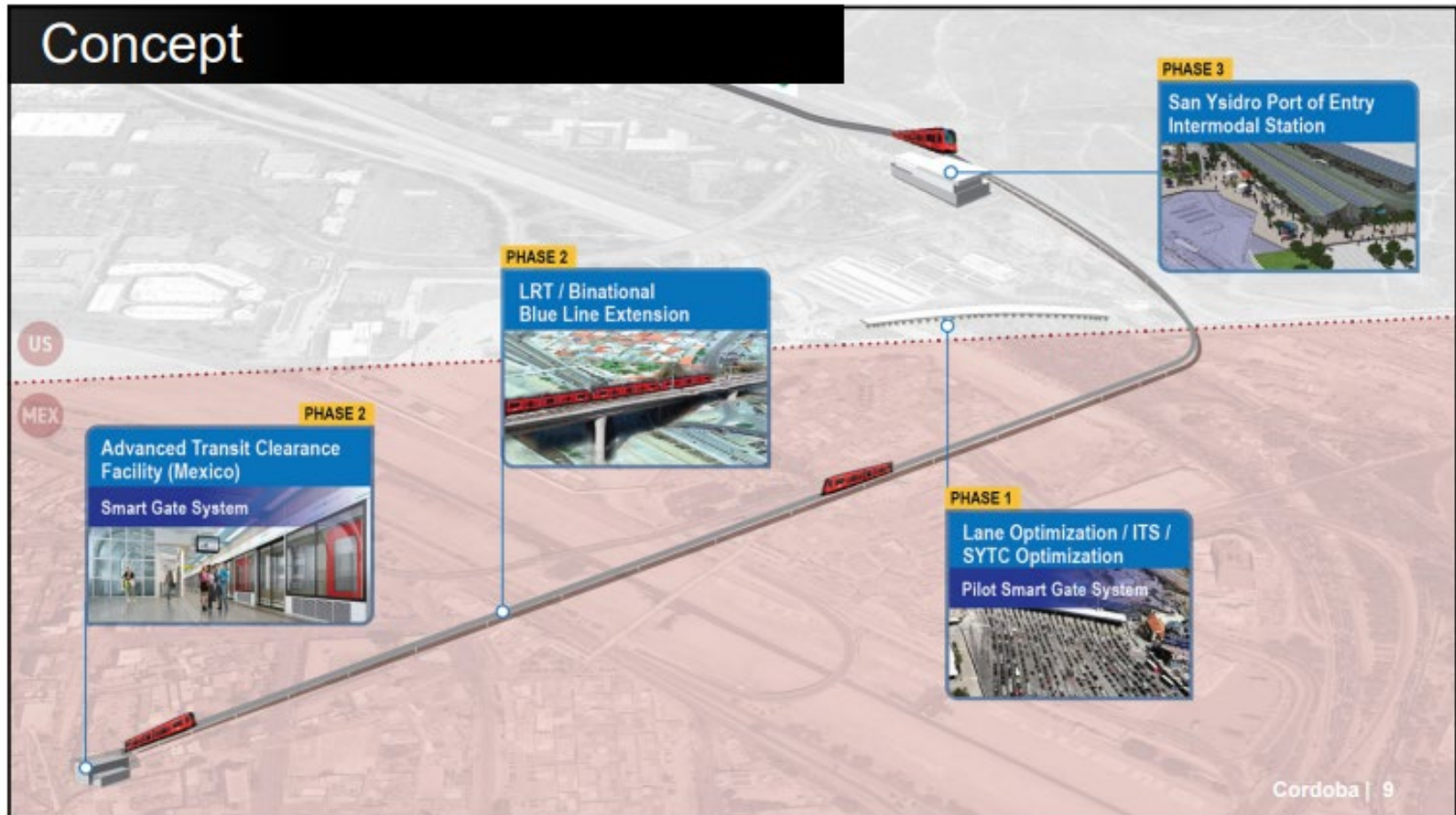
SANDAG Request For Innovative Concepts: Trolley Extension To Tijuana

March 9, 2023

Background

- **November 2021:** SANDAG issued a Request for Innovative Concepts for transportation connector services that advanced 5 Big Moves.
- **Summer 2022:** Three teams entered into an agreement with SANDAG to further develop conceptual designs and costs. Included a public concept pitch at SANDAG Community Fair on October 9.
- **January 13, 2023:** Concepts presented to SANDAG Board, with Board of Directors authorizing staff to continue planning and seeking funding opportunities to advance three projects selected through the RFIC process:
 - Automated electric shuttle connection to regional transit services (Beep)
 - Next generation managed lanes (Cavnue)
 - Extension of Blue Line Trolley to Tijuana combined with advanced clearance facilities at border crossing (Cordoba)

Cordoba Proposal



Major Components of Proposal

- Extension of Trolley one mile into Tijuana to dedicated station
 - Would be similar to CBX, in that customs processing would occur as passengers enter station and be cleared prior to boarding Trolley
- No stops between Tijuana and San Ysidro
- Elevated right-of-way
- Smart gates pilot at San Ysidro to test technology in preparation for deployment at the Tijuana station

MTS Engagement

- **July 26, 2022:** Email from MTS general counsel to SANDAG general counsel outlining potential issues and concerns regarding cross-border service
- **August 23, 2022:** Cordoba staff briefed MTS executive staff on proposal
- **September 13, 2022:** MTS staff met with Cordoba to answer questions about operations
- **November 2022:** MTS participated as a non-voting member of evaluation committee

Issues Needing Clarification

- Legal, insurance, and safety ramifications of MTS employees entering foreign country
- Legal and insurance ramifications of federally-funded vehicles (and other infrastructure) entering foreign country
- Construction oversight in foreign country
- Maintenance of right-of-way in foreign country
- Calculation of increased passenger demand and associated capital funding for additional Trolley vehicles and additional operations
- Fares
- What happens if train is detained in foreign country?
- Who provides security? What happens if there is a security issue in foreign country?

Next Steps

- SANDAG looking for funding for additional studies and stakeholder outreach
- MTS provided SANDAG letter of support for federal Areas of Persistent Poverty (AoPP) Grant program that would include:
 - Feasibility analysis of operational issues regarding cross-border operations
 - Assessment of adequate right-of-way between San Ysidro Transit Center and the Border to accommodate a structure connecting to the station
 - Evaluation of the feasibility of using a pre-clearance type of system like the smart gates system



**Metropolitan
Transit
System**

PUBLIC COMMENT
AI 5, 3/9/2023
No. in Queue:1

CALL – IN PUBLIC COMMENT

Zack Defazio Farrell with Ride SD, provided a public comment for agenda item #5. Defazio Farrell's statement will be reflected in the minutes.

PUBLIC SPEAKER DISCLAIMER

INSTRUCTIONS

This meeting is offered both in an in-person and virtual format. In-person speaker requests will be taken first. Speaking time will be limited to three minutes per person, unless specified by the Chairperson. Members of the public are permitted to make general public comments at the beginning of the agenda or make specific comments on any item in the agenda at the time the Board/Committee is considering the item during the meeting. Requests to speak will not be taken after the public comment period ends, unless under the Chair's discretion.

BOARD OF DIRECTORS MEETING

General Public Comment at the beginning of the agenda will be limited to five speakers with the standard three-minute limit, unless otherwise directed by the Chair. Additional speakers with general public comments will be heard at the end of the meeting.

MEETING RECORD

A paraphrased version of this comment will be included in the minutes. The full comment can be heard by reviewing the recording posted on the respective meeting website:

<https://www.sdmts.com/about/meetings-and-agendas>.





Agenda Item No. 6

MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM EXECUTIVE COMMITTEE

March 9, 2023

SUBJECT:

PRONTO Fare System – Update on Open Payments Upgrade Options (Emily Outlaw)

INFORMATION ONLY

Budget Impact

None.

DISCUSSION:

The San Diego Metropolitan Transit System (MTS) launched a new fare collection system, PRONTO, on September 1, 2021. As launched, the PRONTO system provided the customer with more convenient ways to pay for transit fares, including a more robust smart phone application, stored value, and fare capping discounts. The system was also configured to more easily accommodate future upgrades and features. One feature that was prioritized for review was to allow open payments – allowing customers to use their credit card to tap directly on a PRONTO fare validator to pay for each trip.

A working group was established including key staff from MTS, North County Transit District, the California Integrated Travel Project, and fare system vendor INIT (Open Payments Working Group). The Open Payments Working Group met during multiple workshops to discuss the implementation of open payment validation for the PRONTO system. The goal was to identify a Minimum Viable Product that could be expedited as a phase one approach for adding open payment capabilities.

Staff will present a report on the process and the Minimum Viable Product that has been identified by the Open Payments Working Group for Phase 1 of this feature upgrade, including the following capabilities:

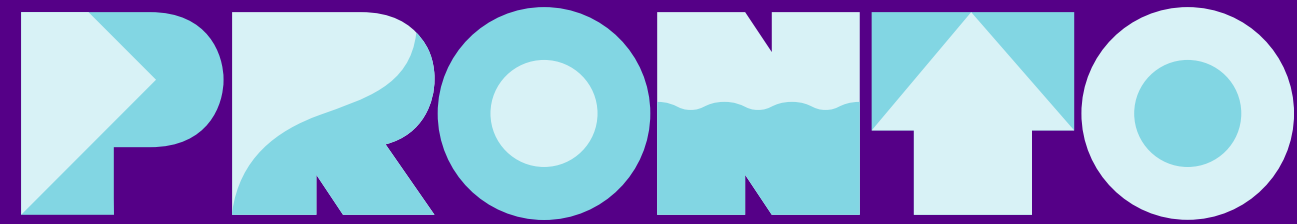
- Ability for customers to pay for their fare with a physical or mobile wallet-based credit card directly on a PRONTO validator.
- Staff is exploring two options for fare policy. One option would charge a one-way fare on the first tap, include a 2-hour transfer window and qualify for daily capping. The second option would charge the equivalent of a Day Pass on the first tap.



- Credit card payments would deduct Adult fares only.

/s/ Sharon Cooney
Sharon Cooney
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, Julia.Tuer@sdmts.com



Update

MTS Executive Committee
March 9, 2023

PRONTO Today

- A look back at how PRONTO got here
- The PRONTO Roadmap
- Open Payments and the Minimum Viable Product (MVP)
- Timeline



How did PRONTO get here?

The Need

- Compass Hardware was at end of useful life, software outdated
- Inability to achieve Payment Card Industry Compliance

The Road to PRONTO

- 2016 Benchmarked with multiple agencies-whitepaper
- 2017 Concept of Operations
- 2018 Competitive procurement and Award to INIT

Implementation Approach

- Aggressive 36-month implementation, ready by Mid-Coast
- Balanced approach-schedule, efficiency and customer experience
- Future proofed



The PRONTO Roadmap

Upcoming Features (in development)

- Additional Ticket Vending Machines at Snapdragon
- Validation capability at Ticket Vending Machines with a physical PRONTO card (April 2023)
- Online Reduced Fare Application Portal (July 2023)
- Improved “In-App” Messaging Experience (June 2023)
- Expand Retail Network: 7-Eleven (Nov 2023)
- Open Payment (Pending Board Feedback)



More Convenient Ways to Pay!

Contactless Credit Card Payment

- Tap any credit/debit bankcard showing the contactless symbol
- Tap phone to pay with a credit/debit card in the users mobile wallet using Apple Pay, Google Pay or Samsung Pay.



Workshops

The Workshops

- Over FIVE large scale workshops, expedited in a little over 2 months
- Participants from MTS, NCTD, California-Integrated Travel Project, Merchant Services, INIT and Jacobs consulting group
- Goal: Identify the minimum set of attributes necessary to implement
- Immediate impact upon tourists and special event attendees

The Minimum Viable Product (MVP)

The MVP

- Exploring Two Options:
 - Each one-way fare would include a 2-hour transfer and would qualify for daily capping [monthly capping is excluded]

OR

- A Day Pass equivalent fare would be charged on the first Tap

* Reduced fares with open payment would be excluded from this phase

Challenge & Mitigation Strategy

Challenge

- Charging Credit Cards from Inspection Device:
 - Most transit agencies struggle with this due to specific devices requiring time consuming PCI certifications by the credit card issuers/bank

Mitigation Strategy

- Phase 1-Procure an adapter through INIT to Inspect open payments [similar approach taken by Portland]
- Phase 2-Improved Open Payment fare inspection device that can also charge customers

The Minimum Viable Product (MVP)

Timeline

- Procurement to Notice to Proceed: May 2023
- From Notice to Proceed to Launch: Development, merchant services onboarding, fare inspection adapter roll out – March 2024

Questions





Agenda Item No. 7

MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM EXECUTIVE COMMITTEE

March 9, 2023

SUBJECT:

PRONTO Fare Validation (Tapping/Scanning) Education Update (Mark Olson)

INFORMATIONAL ONLY

Budget Impact

Funding for improvements/communications is included in the Marketing & Communications and PRONTO budgets for FY 2023 and proposed budgets for FY 2024.

DISCUSSION:

The PRONTO fare system launched to the public on September 1, 2021. One of the best new features gave passengers the option to purchase and store value on their accounts. Using this feature requires passengers to validate fares by tapping or scanning cards or apps on platform validators before they ride. In turn, this allows MTS to collect the revenue for trips.

In the 15 months since PRONTO's launch, validation rates on the Trolley system have been low (sub 40%). Due to the nature of the Trolley's open system, staff has been working through challenges to educate passengers about the need to tap or scan PRONTO fare media on platform validators. Rates of scanning and tapping began to slowly increase with various education efforts, but have recently plateaued and decreased month-over-month. This has negatively impacted revenue collection efforts. Staff will provide an update on challenges, near-term and long-term tactics to improve PRONTO validation rates and fare revenue.

/s/ Sharon Cooney

Sharon Cooney
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, Julia.Tuer@sdmts.com

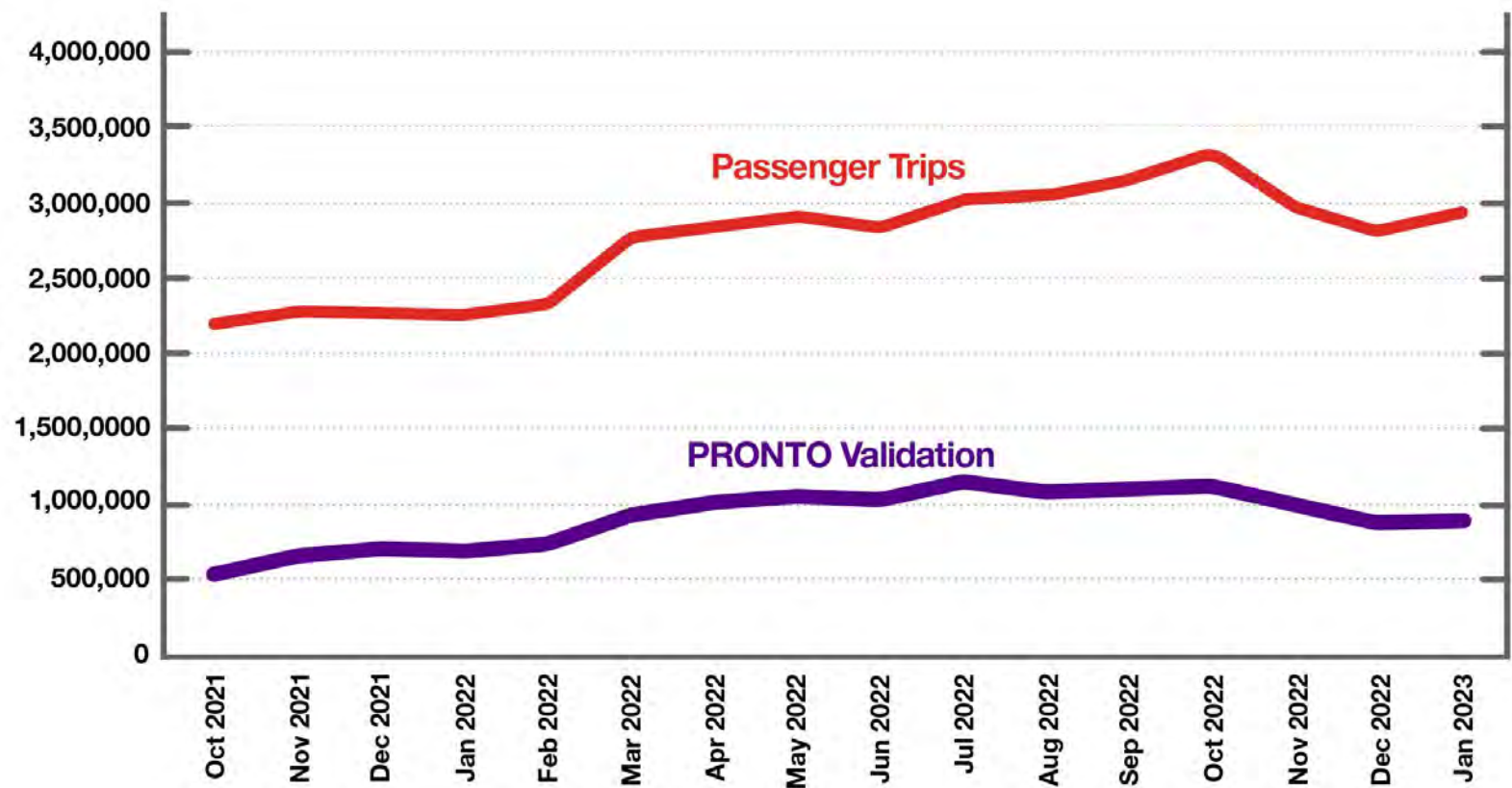


PRONTO Fare Validation Education Update

Executive Committee Meeting
Thursday, March 9, 2023

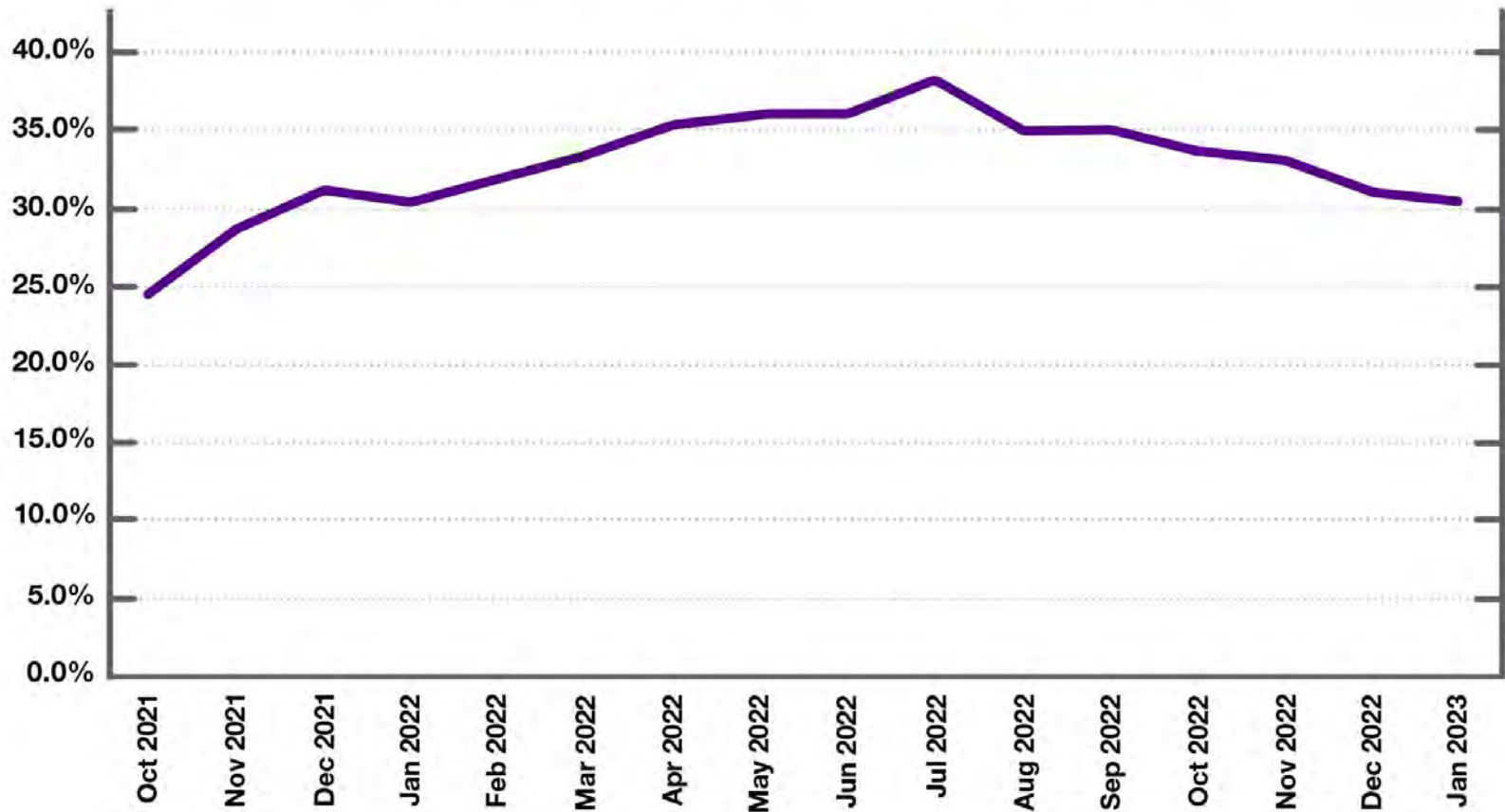
PRONTO Tapping/Scanning on Trolley

Comparison trips vs. validations



PRONTO Tapping/Scanning on Trolley

Monthly PRONTO Validation Percentage



Top Challenges

- Nature of the Trolley's "open system"
- New behavior of "tapping or scanning" required by Trolley passengers
- Ticket vending machines not configured to accept taps or scans
- Validators difficult to find on platforms
- Compassionate approach to fare enforcement
- Message fatigue

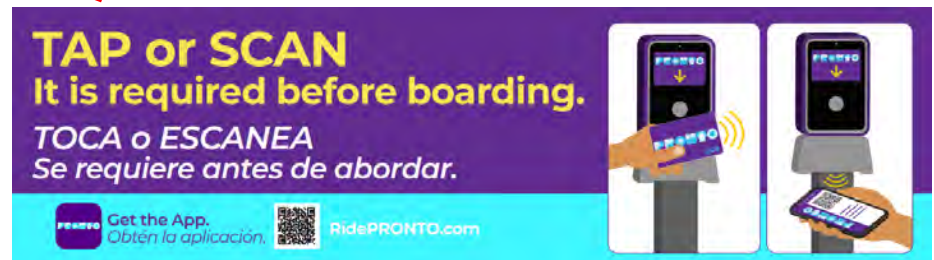
Tap/Scan Education Efforts To-Date:

- On-system communication
- In-person contact
 - Security officers
 - Passenger Support Representatives
- High-ridership stations



Tap/Scan Education Efforts To-Date

- Ticket Vending Machines
 - Passenger Support Representatives
 - Screen savers
 - Information cards



Tap/Scan Education Efforts To-Date

- Security & Bus Operator information cards



Tap/Scan Education Efforts To-Date

- Validator flags at San Ysidro, Gaslamp and 12th & Imperial



Current Design



Tap/Scan Education Efforts To-Date:

- Pole banners at San Ysidro
- Fence banners at all Trolley stations



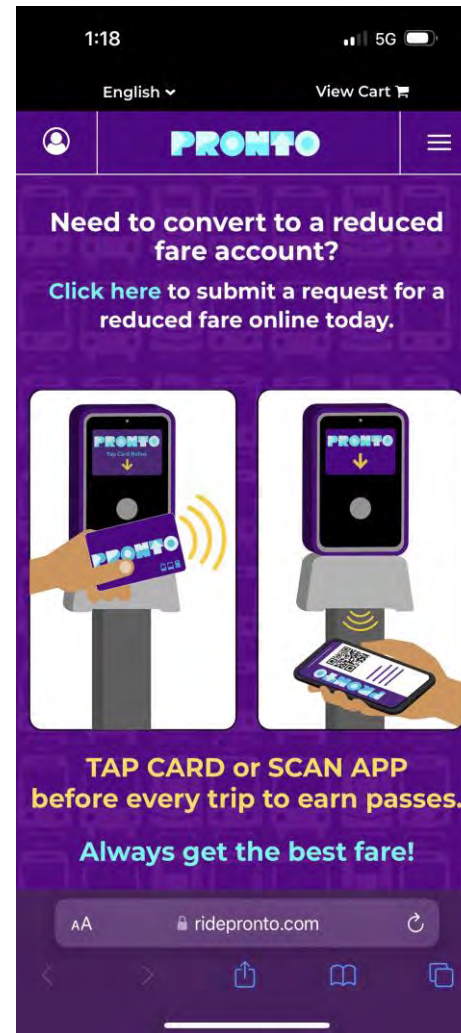
Tap/Scan Education Efforts To-Date:

- Validator decals
- 250+ validators at 64 Trolley stations
- Another location to reinforce behavior



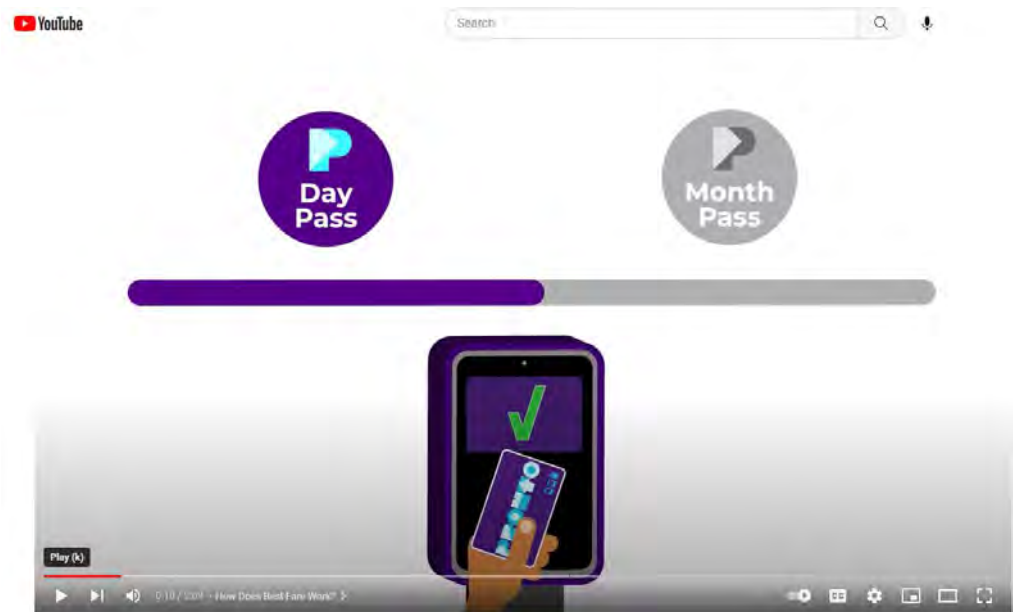
Tap/Scan Education Efforts To-Date:

- RidePRONTO.com website homepage takeover



Tap/Scan Education Efforts To-Date

- YouTube video series
 - Four videos
 - Getting started
 - How Does Best Fare Work?
 - Using Reduced Fares
 - Online Reduced Fare Conversion
- 65,000 views total
 - All show and discuss tapping/scanning behavior on validators



Tap/Scan Education Efforts To-Date

[EVENTS & TICKETS](#)[VISIT](#)[HOST AN EVENT](#)[PREMIUM EXPERIENCES](#)[ABOUT](#)[CONNECT](#)

Transportation Information

Metropolitan Transit System (MTS) Trolley Service

The Trolley's Green Line provides direct, frequent service to the doorstep of Snapdragon Stadium. Trolley service runs every 15 minutes or better before and after most games and events times. Larger events may have even more frequent service.

Steps to Buying a Trolley Fare:

1. Download the PRONTO app ahead of time (preferred) or visit a PRONTO Vending Machine on a Trolley platform
2. Adults should load at least \$5 on the PRONTO app or card
 - Pro Tip: Loading \$5 will pay for two (2) one-way fares to get you to/from the event.
 - PRONTO cards at the vending machine are an additional \$2 if you don't already have one, no extra charge when using the app.)
 - Every person needs their own PRONTO app or card, you cannot buy fares for multiple people on the same app or card
3. Before boarding, find a station validator (at each end of the platform) and scan the app or tap the PRONTO card.
 - After the event, validators are located on the ramps leading up to the Trolley station, and the station platforms. You must tap the card or scan the app before you to leave the Stadium Station.

[Have a Question?](#)[TOP](#)

- Special event news releases + partner messaging



Security Focus Groups

- Convened February 22-23, 2023
- 16 individuals, frequent riders
- Asked question about tapping/scanning
- Most people said they tap their PRONTO card on at least part of their trip
- Validator convenience was cited as top reason for failing to tap. Other reasons mentioned:
 - Tight transit connections
 - Concerns about location tracking
- Participants noted that when fares are checked there are not consequences for not tapping behind a friendly reminder.

Updated Education Strategy

- Stronger messaging
- Continue and expand existing communications
- Use emerging technology to our advantage



Upcoming Messaging Changes

More direct rather than passive message:

- Previous rewards approach:

“Tap or Scan to Earn Passes”

- New direct approach

“You Must Tap or Scan. Every Ride, Every Time”

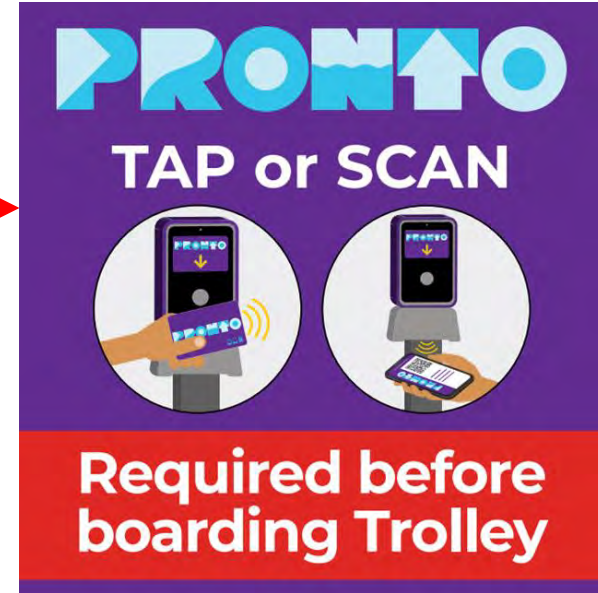
Updated Communications

- Add decals near Trolley door buttons
- Make station announcements



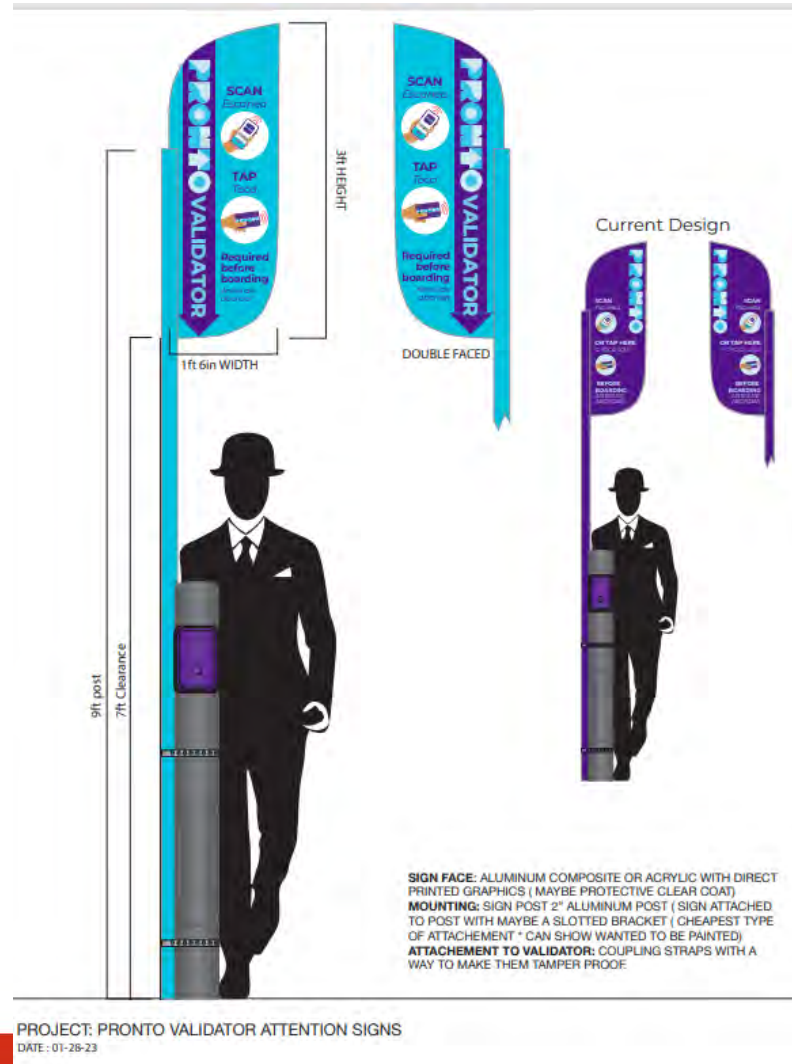
Updated Communications

- Change bulkhead decal messaging



Upcoming Changes

- Updating color scheme for validator flags
- Adding 12 more flags to system



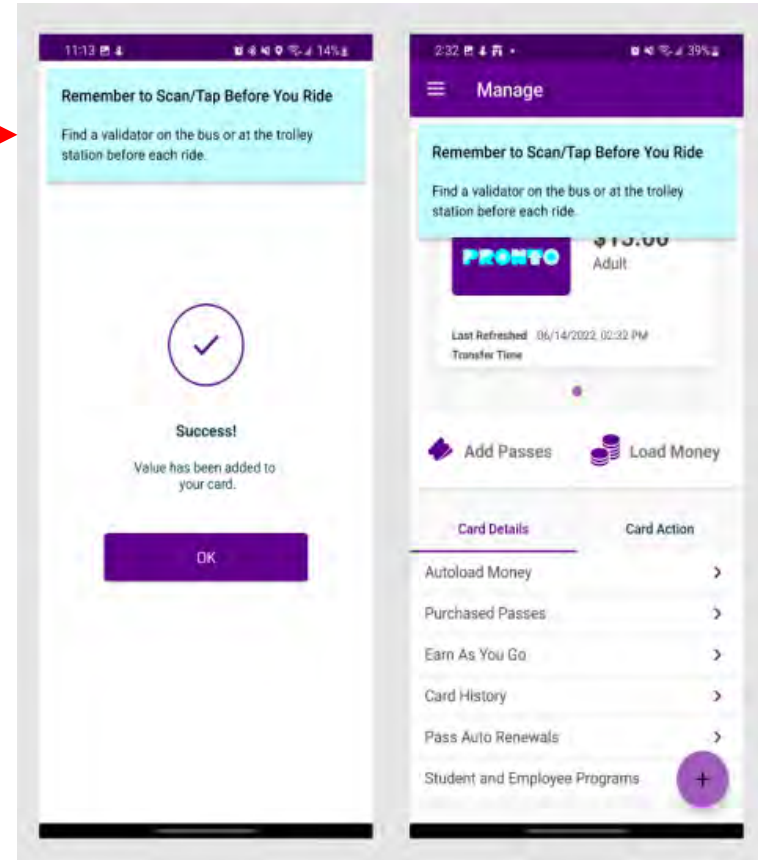
Upcoming Technology Improvements

- Ability to validate fare on Ticket Vending Machine



Upcoming Technology Changes

- PRONTO in-app messaging (spring)
- Pops up after point of sale/during reloads
- More than 420,000 virtual accounts
 - Mostly using the app to load/reload funds onto accounts



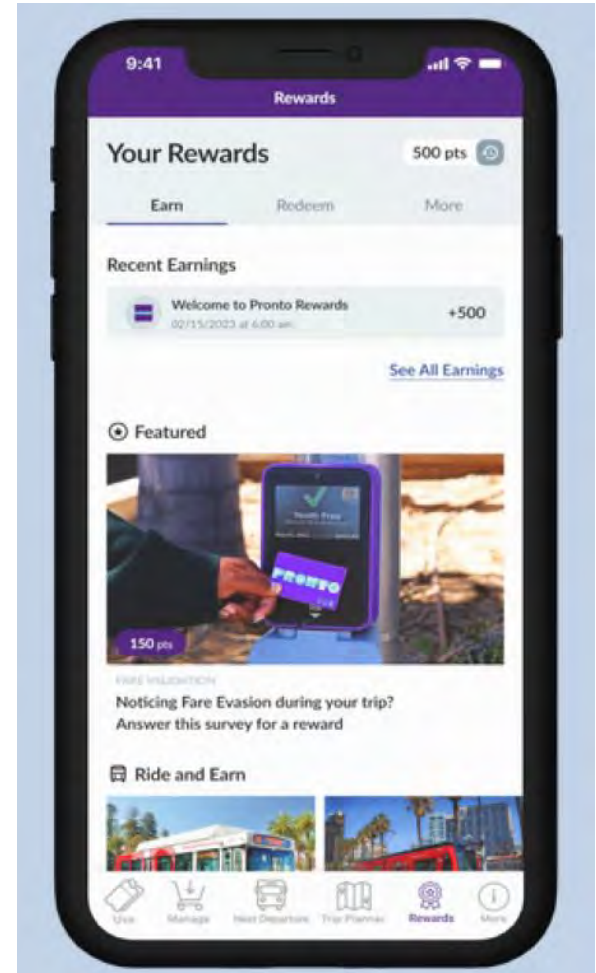
Upcoming Technology Changes

- Contactless Credit/Debit Card
 - Bypasses Ticket Vending Machine payment
 - Reducing payment process from two steps to one



Upcoming Technology Improvements

- PRONTO Rewards Program
- Incentivize certain transit behaviors
 - Transit streak rewards
 - Daily/weekly validation raffles
 - Rewards for taking surveys
- King County Metro (Seattle) recently introduced with solid success metrics
- Same mobile app provide as MTS



Summary

- Continue to study behavior
- Improve tapping/scanning options
- Identify new and creative ways to communicate tapping/scanning with riders
- Improve/strengthen messaging
- Take advantage of emerging technologies



Thank you

Questions?



**Metropolitan
Transit
System**

PUBLIC COMMENT
AI 7, 3/9/2023
No. in Queue:1

CALL – IN PUBLIC COMMENT

Leif Gensert, provided a public comment for agenda item #7. A paraphrased version of Gensert's statement will be reflected in the minutes.

PUBLIC SPEAKER DISCLAIMER

INSTRUCTIONS

This meeting is offered both in an in-person and virtual format. In-person speaker requests will be taken first. Speaking time will be limited to three minutes per person, unless specified by the Chairperson. Members of the public are permitted to make general public comments at the beginning of the agenda or make specific comments on any item in the agenda at the time the Board/Committee is considering the item during the meeting. Requests to speak will not be taken after the public comment period ends, unless under the Chair's discretion.

BOARD OF DIRECTORS MEETING

General Public Comment at the beginning of the agenda will be limited to five speakers with the standard three-minute limit, unless otherwise directed by the Chair. Additional speakers with general public comments will be heard at the end of the meeting.

MEETING RECORD

A paraphrased version of this comment will be included in the minutes. The full comment can be heard by reviewing the recording posted on the respective meeting website:

<https://www.sdmts.com/about/meetings-and-agendas>.





**Metropolitan
Transit
System**

PUBLIC COMMENT
AI 7, 3/9/2023
No. in Queue:2

CALL – IN PUBLIC COMMENT

Zack Defazio Farrell with Ride SD, provided a public comment for agenda item #7. Defazio Farrell's statement will be reflected in the minutes.

PUBLIC SPEAKER DISCLAIMER

INSTRUCTIONS

This meeting is offered both in an in-person and virtual format. In-person speaker requests will be taken first. Speaking time will be limited to three minutes per person, unless specified by the Chairperson. Members of the public are permitted to make general public comments at the beginning of the agenda or make specific comments on any item in the agenda at the time the Board/Committee is considering the item during the meeting. Requests to speak will not be taken after the public comment period ends, unless under the Chair's discretion.

BOARD OF DIRECTORS MEETING

General Public Comment at the beginning of the agenda will be limited to five speakers with the standard three-minute limit, unless otherwise directed by the Chair. Additional speakers with general public comments will be heard at the end of the meeting.

MEETING RECORD

A paraphrased version of this comment will be included in the minutes. The full comment can be heard by reviewing the recording posted on the respective meeting website:

<https://www.sdmts.com/about/meetings-and-agendas>.





**Metropolitan
Transit
System**

Board of Directors Draft Agenda

March 16, 2023 at 9:00 a.m.

In-Person Participation: James R. Mills Building, 1255 Imperial Avenue, 10th Floor Board Room, San Diego CA 92101

Teleconference Participation: (669) 444-9171; Webinar ID: 982 8803 2362, <https://zoom.us/j/98288032362>

NO.	ITEM SUBJECT AND DESCRIPTION	ACTION
1.	Roll Call	
2.	Public Comments This item is 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.	
CONSENT ITEMS		
3.	Approval of Minutes Action would approve the February 16, 2023 Board of Director meeting minutes.	Approve
4.	Imperial Avenue Division (IAD) Chassis Wash Cover – Work Order Action would authorize the Chief Executive Officer (CEO) to execute Work Order MTSJOC324-19 under Job Order Contract (JOC) MTS Doc. No. PWG324.0-21 with ABC General Contracting, Inc. (ABCGC) in the amount of \$448,798.80 to construct a cover over the bus chassis wash area at IAD.	Approve
5.	Property Insurance Renewal	Approve
6.	Microsoft 365 Implementation Consultant – Contract Award Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. G2689.0-23 with AdaptivEdge LLC, in the amount of \$332,380.00 for the provision of Microsoft (MS) 365 implementation consulting services.	Approve
7.	Battery Electric Bus (BEB) Charge Management Software System – Contract Award Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. B0751.0-23 with BP Pulse Fleet North America Inc., (“BP Pulse”) for	Approve

1255 Imperial Avenue, Suite 1000, San Diego, CA 92101-7490 • (619) 231-1466 • sdmts.com

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.



\$1,505,322.73 for charge management software system, for five (5) base years, and two (2) option years exercisable at MTS's sole discretion, for a total of seven (7) years.

- | | | |
|------------|---|---------|
| 8. | SAP Punchout Catalog for Office Supplies – Piggyback Contract
Action would authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. G2713.0-23 with ODP Business Solutions, Inc. (ODP) for a base period of April 1, 2023 through December 31, 2024 and three (3) option years for SAP punchout catalog for office supply purchases for a total contract amount of \$600,000. | Approve |
| 9. | 115 Re Head Hardened Steel Rail – Contract Award
Action would authorize the Chief Executive Officer (CEO) to: 1) Execute MTS Doc. No. L1628.0-23 with A&K Railroad Materials, Inc. (A&K), for the provision of 212 tons of 115 RE Head Hardened Steel Rail at a cost of \$506,929.57 plus an option for the purchase of an additional 106 tons of 115 RE Head Hardened Steel Rail in 2024/2025 at a cost of \$285,890.42, for an overall estimated contract total of \$792,820.00; and 2) Exercise the option purchase at the CEO's discretion. | Approve |
| 10. | Blue Line Right-Of-Way Fencing Repairs – Work Order Agreement
Action would authorize the Chief Executive Officer (CEO) to execute Work Order MTSJOC347-09 under Job Order Contract (JOC) to MTS Doc. No. PWG347.0-22, with ABC General Contractor, Inc. (ABCGC), in the amount of \$301,035.56 for the removal and replacement of chain link fence sections along the Blue Line right-of-way. | Approve |

PUBLIC HEARING

- | | | |
|------------|-----------------------------|---------|
| 11. | Iris Rapid Bus Route | Approve |
|------------|-----------------------------|---------|

DISCUSSION AND REPORT ITEMS

- | | |
|------------|--|
| 12. | Fiscal Year (FY) 2023 Operating Budget Mid-Year Amendment |
| 13. | Proposed Fiscal Year (FY) 2024 Operating Budget |
| 14. | Performance Monitoring Report |
| 15. | PRONTO Fare System Update |

OTHER ITEMS

- | | | |
|------------|---|---------------|
| 16. | Chair's Report | Informational |
| 17. | Chief Executive Officer's Report | Informational |

18. Board Member Communications Informational

19. 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. Subjects of previous hearings or agenda items may not again be addressed under Public Comments.

CLOSED SESSION

20. Closed Session – Conference with Legal Counsel – Existing Litigation Pursuant to California Government Code Section 54956.9(D)(1) Potential Action
Christine Hall v San Diego Metropolitan Transit System et al.
San Diego Superior Court Case No. 37-2018-00040358-CU-PA-CTL

21. Closed Session – Conference with Real Property Negotiators Pursuant to California Government Code Section 54956.8 Potential Action
5801 and 5805 Fairmount Ave, San Diego, CA (APNs 461-320-20 and 461-320-21)
Agency Negotiators: Sharon Cooney, Chief Executive Officer; Karen Landers, General Counsel; Heather Furey, Director of Capital Projects; Sean Myott, Manager of Real Estate Assets;
Negotiating Parties: Four D Properties, Inc.
Under Negotiation: Price and Terms of Payment

22. Closed Session – Conference with Real Property Negotiators Pursuant to California Government Code Section 54956.8 Potential Action
9805 Prospect Avenue and 8547 Cuyamaca Street, Santee, CA (APNs 384-190-44 and 384-190-74)
Agency Negotiators: Sharon Cooney, Chief Executive Officer; Karen Landers, General Counsel; Heather Furey, Director of Capital Projects; Sean Myott, Manager of Real Estate Assets; Chip Willett, Bender Rosenthal Inc.
Negotiating Parties: [tbd – multiple offers received]
Under Negotiation: Price and Terms of Payment

ADJOURNMENT

23. Next Meeting Date
The next Board of Director's meeting is scheduled for April 20, 2023 at 9:00am.

24. Adjournment



DRAFT FOR EXECUTIVE COMMITTEE REVIEW DATE: 3/9/2023

Agenda Item No. 4

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

March 16, 2023

SUBJECT:

Imperial Avenue Division (IAD) Chassis Wash Cover – Work Order

RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute Work Order MTSJOC324-19 under Job Order Contract (JOC) MTS Doc. No. PWG324.0-21 (in substantially the same format as Attachment A) with ABC General Contracting, Inc. (ABCGC) in the amount of \$448,798.80 to construct a cover over the bus chassis wash area at IAD.

Budget Impact

The total cost of this project is estimated to be \$448,798.80. 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 \$8,751.58. This project is funded by Capital Improvement Project (CIP) 3008117001 - IAD Bus Chassis Wash Cover.

DISCUSSION:

The bus chassis wash area allows MTS to steam wash the underside of bus vehicles as part of our preventive maintenance program. The current chassis wash lift at IAD is an uncovered outdoor area and exposed to rainwater during storm events. The water from the chassis wash operations is captured in several uncovered and exposed drains that flow into an underground oil/water separator and then to the City Sanitary Sewer. However, because this area is uncovered, during a storm event rainwater follows the same path into the sanitary sewer system. This conflicts with City of San Diego Municipal Code requirements that prohibit drainage designs that allow rainwater or stormwater to enter the sanitary sewer system. With a cover installed over the chassis wash area, stormwater will be routed away from the oil/water separator and the sanitary sewer and instead flow into the designated storm drain.

The proposed IAD Chassis Wash Area Cover project consists of procuring and installing a 2,700 square foot pre-engineered and pre-fabricated building to cover the entirety of the chassis wash at IAD. It will be made of two steel walls, a roof, be open to the west to allow buses to



enter the chassis wash, and have a watertight connection to the IAD Administration building to the East. It will have lighting and epoxy paint on the interior for ease of cleaning. Footings will be engineered to support the structure and it will be fully waterproofed to prevent any rainwater or stormwater from entering the drains and into the City Sanitary Sewer system.

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 ABCGC 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 ABCGC for General Building Construction Services.

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 installation for the chassis wash cover at IAD. Work is expected to be completed by August 2023. For this work order, ABCGC has identified Casper's Concrete Cutting, GEM Industrial, Inc., Harborside Construction and the Doctor of Electricity as its subcontractors (as shown in Exhibit C of Attachment A).

Therefore, staff recommends that the MTS Board of Directors authorize the CEO to execute Work Order MTSJOC324-19 under JOC MTS Doc. No. PWG324.0-21 (in substantially the same format as Attachment A) with ABCGC, in the amount of \$448,798.80 to construct a cover over the chassis wash area at IAD.

/s/ Sharon Cooney
Sharon Cooney
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, Julia.Tuer@sdmts.com

Attachment: A. Draft Work Order No. MTSJOC324-19

JOB ORDER CONTRACT
WORK ORDER

PWG324.0-21
CONTRACT NUMBER

MTSJOC324-19
WORK ORDER NUMBER

THIS AGREEMENT is entered into this _____ day of _____ 2023, 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: Travis Brozowski 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 \$448,798.80

<u>SAN DIEGO METROPOLITAN TRANSIT SYSTEM</u>	<u>ABC GENERAL CONTRACTOR, INC.</u>
--	-------------------------------------

By: Sharon Cooney, Chief Executive Officer

Firm: _____

Approved as to form:

By: _____
Signature

By: Karen Landers, General Counsel

Title: _____

EXHIBIT A
(Scope of Work)

DRAFT

SCOPE OF WORK/MINIMUM TECHNICAL SPECIFICATIONS**SECTION 1-1 GENERAL**

At MTS's Imperial Avenue Division (IAD), a new Chassis Wash Cover is required to be installed at the existing bus chassis wash. The intent of the project is to use the chassis wash cover as an extension to the existing building to cover the chassis wash area in its entirety in order to keep all related washing water within the cover's footprint so that it will drain into the existing oil/water separator drain. By installing the chassis wash cover will prevent rain water from entering the oil/water separator.

All work is to occur in the parking lot at the bus chassis wash located at IAD, 100 16t St, San Diego, CA 92101.

SECTION 1-2 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 1-3 TEMP FACILITIES

The contractor may use MTS' restroom facilities. Contractor is responsible for temp power and water if there is not a close or local source.

SECTION 1-4 SAFETY AND ACCESS

Diligent caution must be taken during the undertaking of this work. All work will occur within active traffic areas. Only vehicles necessary for the performance of the work shall be parked within the lot adjacent to the work. All other parking can be offsite.

SECTION 1-5 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 1-6 SCHEDULE AND SEQUENCING

All work shall be completed within one hundred twenty (120) calendar days from issuance of Notice to Proceed. It is assumed there will be some lead time for the engineering and building fabrication 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. Additional sequencing will be necessary as work makes a bigger impact on the existing bus wash.

SECTION 1-7 IAD Chassis Bus Wash Cover

Contractor is responsible for designing and constructing new pre-engineered building that is to cover the entirety of the chassis wash area. Contractor is to install new concrete foundations as well as a concrete curb along the south side intended to carry new chassis wash cover. Engineered and stamped foundation design is to be submitted to MTS for review and approval. Design is to show load, location/quantity, and detail of all new required footings for the building. New chassis wash cover is to be gable roof design with 24G standing seam roof panels and 26G standing seam wall panels. There is to be one (1) man door to allow access into wash area through south wall near the eastern wall face. Contractor is to provide and install (6) 2'x3' louvers in wall to help with ventilation. Contractor will also provide and install rotating roof vents. Chassis wash cover will be tied into the face of the existing building and there is to be a waterproof joint at the interface of the chassis wash cover and building. Contractor is to remove and dispose of the existing tilt-up door and all related appurtenances at the rear of the chassis wash cover. Contractor is to provide engineered and stamped drawings for new chassis wash cover to MTS for review and approval. New chassis wash cover is to be field painted using a high-performance epoxy system similar to S-W Macropoxy 646/ S-W Sher-loxane 800 (or approved equal). Color of chassis wash cover TBD. (3) 4", Schedule 80, galvanized, concrete filled bollards to be installed to protect southwest corner of structure from vehicle traffic. Bollards to be painted hi-vis yellow. Contractor to relocate existing guard rail as necessary to facilitate installation of new structure.

Contractor to provide gutter or revised flowline as necessary to prevent rain water from sheet flowing down northern sidewalk, traveling under the existing guard rail and into the oil/water separator drain.

3 rows of (5) 4', wet location, vapor tight LED fixtures are to be provided and installed 6' from the building ends with 12 feet spacing in between each row to offer more light spread. Each row of LED fixtures will have their own manual switch and lighting circuit. New circuits to be added to the existing panel in the adjacent shop. The existing wall bracket area light will be relocated as needed for installation of new structure.

Bus wash will continue to operate overnight after daily construction activities have concluded. It is the responsibility of the contractor to maintain the integrity of their work and site during overnight operating hours (tarp or plastic cover work completed that day). Once work has progressed to the point that the chassis wash is completely inoperable overnight, sequencing will be revisited and bus washing may be suspended at that point for remainder of project.



San Diego Metropolitan Transit System

1255 Imperial Ave
San Diego, California 92101

Final Scope of Work

Date: 2/13/2023

Job Order Contracting

To:

From:

Contract No: PWG324.0-21
Job Order No: MTSJOC324-19
Job Order Title: IAD Chassis Wash Cover
Location: IAD
100 16th St.
San Diego, CA 92101

**Brief Scope
of Work:**

This project is to build a large cover over the existing IAD Chassis Wash in order to keep rain water out of the IW drains in the chassis wash.

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

Eli Belknap, Manager of Capital Projects

Date

Noah Cappadocia, Project Manager

Date

EXHIBIT B
(Cost Breakdown)

DRAFT

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

Contract Name: JOC Building and Facilities Construction Services. - Option 2

Division		Install Total	NPP Total	Demo Total	Division Total
01	General Requirements	\$93,763.31	\$0.00	\$0.00	\$93,763.31
02	Existing Conditions	\$8,316.55	\$0.00	\$0.00	\$8,316.55
03	Concrete	\$25,062.82	\$0.00	\$0.00	\$25,062.82
05	Metals	\$251,215.19	\$0.00	\$0.00	\$251,215.19
08	Openings	\$0.00	\$0.00	\$920.32	\$920.32
26	Electrical	\$35,905.00	\$0.00	\$0.00	\$35,905.00
31	Earthwork	\$31,769.54	\$0.00	\$0.00	\$31,769.54
32	Exterior Improvements	\$1,846.07	\$0.00	\$0.00	\$1,846.07
Line Count: 34		Proposal Total:			\$448,798.80

The Percentage of Non Pre-Priced on this Proposal:

0.0%

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

Contract Name: JOC Building and Facilities Construction Services. - Option 2

01 General Requirements								\$93,763.31
Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
1	012216000004	Reimbursable Fees	Installation	1,250.00	\$1.00	EA	1.0000	\$1,250.00
Accepted	History: 2.0 Accepted, 1.1 Added		Demo:	0.000000	\$0.00	EA	1.0000	\$0.00
	Includes Labor No		Includes Equipment No	Includes Materials Yes				
User Note: Concrete Plant - DIR Fees								
Item Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.								
							Total:	\$1,250.00
2	012220000010	Electrician	Installation	16.00	\$78.27	HR	1.0715	\$1,341.86
Accepted	History: 2.0 Accepted, 1.1 Added		Demo:	0.000000	\$0.00	HR	1.0715	\$0.00
	Includes Labor Yes		Includes Equipment No	Includes Materials No				
User Note: Safe off Lights and door motor for Demo								
Item Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.								
							Total:	\$1,341.86
3	012220000080	Engineer	Installation	48.00	\$127.50	HR	1.0715	\$6,557.58
Accepted	History: 2.0 Accepted, 1.1 Added		Demo:	0.000000	\$0.00	HR	1.0715	\$0.00
	Includes Labor Yes		Includes Equipment No	Includes Materials No				
Contractor Comments: V:1.1-PEB Plans								
							Total:	\$6,557.58
4	012223000024	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	Installation	2.00	\$1,888.91	MO	1.0715	\$4,047.93
Accepted	History: 2.0 Accepted, 1.1 Added		Demo:	0.000000	\$0.00	MO	1.0715	\$0.00
	Includes Labor No		Includes Equipment No	Includes Materials Yes				
User Note: 2 for 4 weeks to erect Structure								
Item Note:								
							Total:	\$4,047.93

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

Contract Name: JOC Building and Facilities Construction Services. - Option 2

5	012223000963	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	Installation	2.00	\$21,134.70	MO	1.0715	\$45,291.66
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	MO	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment No	Includes Materials Yes				
		User Note: 2 for 4 weeks to erect Structure						
		Item Note:						
							Total:	\$45,291.66
6	012223001333	18 CY Rear Dump Truck With Full-Time Truck Driver	Installation	8.00	\$1,726.52	DAY	1.0715	\$14,799.73
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment No	Includes Materials Yes				
		User Note: Haul Off Demo'd concrete and Dirt, 4 trucks 2 days						
		Item Note:						
							Total:	\$14,799.73
7	017113000002	First 25 Miles, Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck	Installation	6.00	\$230.26	EA	1.0715	\$1,480.34
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials No				
		User Note: 1 Excavator 1 Bobcat 2 Fork lifts 2 man lifts						
		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 trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.						
							Total:	\$1,480.34

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

Contract Name: JOC Building and Facilities Construction Services. - Option 2

8	017123160019	Survey Clear Area For Underground Utilities	Installation	0.50	\$5,567.02	ACR	1.0715	\$2,982.53
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	ACR	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		User Note: USA Mark out / CPL						
		Item Note:						
							Total:	\$2,982.53
9	017419000016	40 CY Dumpster (5 Ton) "Construction Debris"	Installation	1.00	\$814.98	EA	1.0715	\$873.25
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0715	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: Misc. Demo'd debris						
		Item Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.						
							Total:	\$873.25
10	017419000017	10 CY Low-Boy Dumpster "Concrete Or Asphalt Only"	Installation	1.00	\$814.98	EA	1.0715	\$873.25
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0715	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: Concrete wash out						
		Item Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.						
							Total:	\$873.25
11	017419000032	Reinforced Concrete And Asphalt, Not Trimmed, 2" Minus	Installation	96.00	\$12.50	CY	1.0715	\$1,285.80
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CY	1.0715	\$0.00
		Includes Labor No	Includes Equipment Yes	Includes Materials No				
		User Note: 8 loads						
		Item Note:						
							Total:	\$1,285.80

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

Contract Name: JOC Building and Facilities Construction Services. - Option 2

12	017419000047	Hauling With 16 To 20 CY Dump Truck, Up To 15 Miles	Installation	96.00	\$126.18	EA	1.0715	\$12,979.38
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials No				
Total:								\$12,979.38
02 Existing Conditions								\$8,316.55
Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
13	024119130063	Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut	Installation	1,584.00	\$4.90	LF	1.0715	\$8,316.55
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	LF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
User Note: 8 footings (4x4) plus 2 Grade Beams/curbs (100'x2x2) x 3 passes to depth need								
Item Note:								
Total:								\$8,316.55
03 Concrete								\$25,062.82
Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
14	033113000028	Concrete Pump, Place 3,000 PSI Concrete Spread Footings	Installation	96.00	\$211.13	CY	1.0715	\$21,717.68
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CY	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
User Note: For Grade beams/curbs and footings								
Item Note: Excludes pumping equipment.								
Total:								\$21,717.68
15	033716000010	35 CY/HR, 66 HP Trailer Mounted Concrete Pump	Installation	32.00	\$97.56	HR	1.0715	\$3,345.14
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	HR	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
User Note: 4 days								
Item Note: Includes hoses								
Total:								\$3,345.14

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

Contract Name: JOC Building and Facilities Construction Services. - Option 2

05 Metals								\$251,215.19
Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
16	050521000020	1" Vertical Fillet Weld	Installation	80.00	\$158.70	LF	1.0715	\$13,603.76
Accepted	History: 2.0 Accepted, 1.1 Added		Demo:	0.000000	\$0.00	LF	1.0715	\$0.00
	Includes Labor Yes		Includes Equipment Yes	Includes Materials Yes				
User Note: PEB Estimated Structure as needed								
Item Note:								
							Total:	\$13,603.76
17	050521000033	1" Horizontal Or Flat Fillet Weld	Installation	80.00	\$133.26	LF	1.0715	\$11,423.05
Accepted	History: 2.0 Accepted, 1.1 Added		Demo:	0.000000	\$0.00	LF	1.0715	\$0.00
	Includes Labor Yes		Includes Equipment Yes	Includes Materials Yes				
User Note: PEB Estimated Structure as needed								
Item Note:								
							Total:	\$11,423.05
18	051223000003	Up To 30 LB/LF Beams, Girders And Columns	Installation	5.00	\$6,967.02	TON	1.0715	\$37,325.81
Accepted	History: 2.0 Accepted, 1.1 Added		Demo:	0.000000	\$1,064.86	TON	1.0715	\$0.00
	Includes Labor Yes		Includes Equipment Yes	Includes Materials Yes				
User Note: PEB Estimated Structure as needed								
Item Note:								
							Total:	\$37,325.81
19	051223000008	Built-Up Trusses, Rolled Structural Steel Members	Installation	6.00	\$4,926.01	TON	1.0715	\$31,669.32
Accepted	History: 2.0 Accepted, 1.1 Added		Demo:	0.000000	\$724.19	TON	1.0715	\$0.00
	Includes Labor Yes		Includes Equipment Yes	Includes Materials Yes				
User Note: PEB Estimated Structure as needed								
Item Note:								
							Total:	\$31,669.32

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

Contract Name: JOC Building and Facilities Construction Services. - Option 2

20	051223000021	>50 To 80 LB/LF Double L Shape Steel Angles	Installation	5.00	\$5,216.04	TON	1.0715	\$27,944.93
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$387.25	TON	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		User Note: PEB Estimated Structure as needed						
		Item Note:						
							Total:	\$27,944.93
21	051223000025	>30 To 65 LB/LF Structural WT, MT, ST Tee Shapes	Installation	6.00	\$5,498.36	TON	1.0715	\$35,348.96
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$688.36	TON	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		User Note: PEB Estimated Structure as needed						
		Item Note:						
							Total:	\$35,348.96
22	051223000031	>30-65 LB/LF Combination Section - W Shapes And Angles	Installation	2.00	\$5,537.31	TON	1.0715	\$11,866.46
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$688.36	TON	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		User Note: PEB Estimated Structure as needed						
		Item Note:						
							Total:	\$11,866.46
23	051223000052	Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items	Installation	1.60	\$4,637.01	TON	1.0715	\$7,949.69
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$582.65	TON	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		User Note: PEB Estimated Structure as needed						
		Item Note:						
							Total:	\$7,949.69

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

Contract Name: JOC Building and Facilities Construction Services. - Option 2

24	051223000067	8" x 6", 4 ", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle	Installation	2.00	\$5,819.11	TON	1.0715	\$12,470.35
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$952.62	TON	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		User Note: PEB Estimated Structure as needed						
		Item Note:						
							Total:	\$12,470.35
25	051223000132	Metal Grinding Up To 1/32" Thickness To Be Removed	Installation	1,505.00	\$0.70	SI	1.0715	\$1,128.83
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	SI	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment No	Includes Materials Yes				
		User Note: Grind roll up door frame after door removal						
		Item Note: Includes rust or scale removal on metal and smoothing surface.						
							Total:	\$1,128.83
26	057500000038	0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	Installation	6,400.00	\$8.82	SF	1.0715	\$60,484.03
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$2.19	SF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		User Note: PEB Estimated Structure as needed						
		Item Note:						
							Total:	\$60,484.03
08 Openings								\$920.32
Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

Contract Name: JOC Building and Facilities Construction Services. - Option 2

27	083323130189	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	Installation	0.00	\$31,916.43	EA	1.0715	\$0.00
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	1.000000	\$858.91	EA	1.0715	\$920.32
		Includes Labor No	Includes Equipment No	Includes Materials No				
		User Note: Demo existing door						
		Item Note:						
							Total:	\$920.32
26 Electrical								\$35,905.00
Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
28	260526000030	4/0 AWG Copper Insulated Single Stranded Conductor	Installation	1.32	\$5,216.59	MLF	1.0715	\$7,378.24
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$862.37	MLF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		User Note: For new lighting						
		Item Note:						
							Total:	\$7,378.24
29	260533130596	3/4" Electrical Metallic Tubing (EMT) Conduit	Installation	330.00	\$4.33	LF	1.0715	\$1,531.07
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$1.44	LF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		User Note: For new lighting						
		Item Note:						
							Total:	\$1,531.07

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

Contract Name: JOC Building and Facilities Construction Services. - Option 2

30	265619000197	120 LEDs, 132 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	Installation	15.00	\$1,679.62	EA	1.0715	\$26,995.69
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$97.79	EA	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		User Note: 3 rows of 5 lights under new PEB						
		Item Note:						
							Total:	\$26,995.69
31 Earthwork								\$31,769.54
Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
31	312316360010	Excavation For Building Foundations And Other Structures By Hand in Loose Rock	Installation	96.00	\$191.81	CY	1.0715	\$19,730.34
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CY	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials No				
		User Note: For Grade beams/curbs and footings						
		Item Note: Includes compacted aggregate						
							Total:	\$19,730.34
32	312316360022	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand	Installation	96.00	\$35.04	CY	1.0715	\$3,604.35
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CY	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials No				
		User Note: For Grade beams/curbs and footings						
		Item Note:						
							Total:	\$3,604.35

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

Contract Name: JOC Building and Facilities Construction Services. - Option 2

33	312316360029	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand	Installation	96.00	\$82.00	CY	1.0715	\$8,434.85
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CY	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials No				
		User Note: For Grade beams/curbs and footings						
		Item Note:						
							Total:	\$8,434.85
32 Exterior Improvements								\$1,846.07
Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
34	323913000004	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	Installation	32.00	\$53.84	LF	1.0715	\$1,846.07
Accepted		History: 2.0 Accepted, 1.1 Added	Demo:	0.000000	\$10.31	LF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		User Note: 4 bollards						
		Item Note:						
							Total:	\$1,846.07
Proposal Total:								\$448,798.80
Div	The Percentage of Non Pre-Priced on this Proposal:							0.0%

EXHIBIT C
(Subcontractor Listing)

DRAFT

San Diego Metropolitan Transit System

1255 Imperial Ave
 San Diego, CA 92101

Subcontractor Report

Date: 2/14/2023

Job Order Contracting

Contract #: PWG324.0-21
Job Order #: MTSJOC324-19
Job Order Title: IAD Chassis Wash Cover
Location: IAD
Contractor: ABC General Inc.
Subcontractors: Casper's Concrete Cutting
 GEM Industrial, Inc.
 Harborside Construction Inc
 the doctor of electricity

Subcontractor Name	License Number	Describe Nature of Work (Trade)	Certifications	Subcontractor Total	%
Casper's Concrete Cutting 3825 Bancroft Drive, Spring Valley, CA 91977	478960	Heavy equipment operator		\$23,606.25	5.26%
GEM Industrial, Inc. 16902 Rio Maria Rd, Lakeside, CA 92040	235465	Carpenter		\$245,000.00	54.59%
Harborside Construction Inc 2010 Garrison Way, El Cajon, CA 92019	730817	Painter		\$17,500.00	3.90%
the doctor of electricity 41815 Hawthorne Street, Murrieta, CA 92562	517763	Electrician		\$25,565.00	5.70%



**Metropolitan
Transit
System**

DRAFT FOR EXECUTIVE COMMITTEE REVIEW DATE: 3/9/2023

Agenda Item No. 5

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

March 16, 2023

SUBJECT:

Property Insurance Renewal

**AGENDA ITEM WILL
BE PROVIDED
BEFORE BOARD
MEETING**





DRAFT FOR EXECUTIVE COMMITTEE REVIEW DATE: 3/9/2023

Agenda Item No. 6

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

March 16, 2023

SUBJECT:

Microsoft 365 Implementation Consultant – 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. G2689.0-23 (in substantially the same format as Attachment A) with AdaptivEdge LLC, in the amount of \$332,380.00 for the provision of Microsoft (MS) 365 implementation consulting services.

Budget Impact

The total cost of this contract is estimated to be \$332,380.00. The contract will be funded by Operating Budget 661010-571250 Information Technology (IT) Outside Services.

DISCUSSION:

MTS is currently operating an on-premise Microsoft Exchange 2016 environment with users accessing their email via Microsoft Outlook 2019 client running on Windows 10 and 11 workstations. Other legacy Microsoft products in use by MTS, include but are not limited to: MS Word, Excel, Access and PowerPoint. Employees currently collaborate through a dated Windows file share(s), along with several different non-MS tools including Dropbox, Cisco Jabber/WebEx and Zoom. The tool set is aging, disjointed and very hard to properly secure or manage and therefore no longer adequately meets the needs of the agency.

In order to keep pace with technology, the MTS IT department is planning a Workplace Modernization and Optimization project that will deploy a Microsoft 365 (MS365) suite of cloud-based applications to the agency. MS365 includes new powerful applications like MS Teams, SharePoint, and OneDrive. Each works together to provide optimal productivity and to give team members integrated and flexible ways to work on their projects and tasks.

In order to accomplish this, MTS sought the services of a MS365 Implementation Consultant. An expert consultant is needed for this project because migration of on-premise applications and data to MS365 cloud-based infrastructure is complex and time consuming.



Migration proposals from qualified firms included requests for the following services:

- i. Migration and implementation of MS365 hosted environment (including Exchange and OneDrive).
- ii. Implementation of SharePoint Online
- iii. Implementation of Microsoft Teams

MTS Policy No. 52, "Procurement of Goods and Services," requires a formal competitive process for procurements and service contracts over \$150,000.00.

On October 26, 2022, MTS issued a Request for Proposals (RFP) to procure Microsoft 365 implementation consultant services. A total of sixteen (16) proposals were received on the due date of November 28, 2022. One of the sixteen proposals was deemed non-responsive due to missing forms.

#	Proposer Name	Minority Business Enterprise (MBE), Small Business (SB), Woman-Owned Business (WBE)
1	Acumor* (<i>*Non-Responsive</i>)	None
2	AdaptivEdge LLC	SB
3	AgreeYa Solution	MBE & WBE
4	Anthony Timbers	None
5	Carahsoft	None
6	Communication Square LLC	None
7	Digerati Systems	MBE
8	Golden Five LLC	MBE, SB & WBE
9	Messaging Architects	MBE & WBE
10	NGENIOUS	MBE & SB
11	Prodigy Consulting	SB
12	Protiviti Government Services	None
13	SDI Presence LLC	MBE
14	V3iT Consulting	MBE
15	VectorUSA	None
16	Zones, LLC	MBE

An evaluation committee consisting of representatives from the MTS IT and Finance departments met and scored the proposals based on the following evaluation criteria:

Evaluation Criteria	Total Possible Points
Qualifications of the Firm or Individual	20
Staffing, Organization, and Management Plan	20
Work Plan	25
Cost and Price	35
Total	100

The table below represents each Proposer's initial scores and rankings:

Proposer Name	Initial Cost	Technical Score	Cost Score	Total Score (Maximum 100)	Ranking
Prodigy Consulting	\$335,984.00	51.58	25.08	76.67	1
AgreeYa Solution	\$138,816.00	49.83	21.00	70.83	2
AdaptivEdge LLC	\$295,960.00	41.17	25.67	66.83	3
Golden Five LLC	\$375,980.00	44.17	16.33	60.50	4
SDI Presence LLC	\$78,810.00	43.67	9.33	53.00	5
Anthony Timbers	\$188,532.40	27.17	22.17	49.33	6
V3iT Consulting	\$113,088.00	40.50	7.00	47.50	7
VectorUSA	\$160,200.00	27.50	16.33	43.83	8
NGENIOUS	\$344,076.30	34.17	8.17	42.33	9
Zones, LLC	\$241,175.00	26.50	15.17	41.67	10
Carahsoft	\$1,237,661.25	37.33	2.33	39.67	11
Digerati Systems	\$268,400.00	21.33	17.50	38.83	12
Protiviti	\$1,328,000.00	36.17	2.33	38.50	13
Messaging Architects	\$127,950.00	27.33	3.50	30.83	14
Communication Square LLC	\$83,100.00	20.00	10.50	30.50	15

The committee invited the four Proposers who were within the competitive range for interviews: Prodigy Consulting, AgreeYa Solution, AdaptivEdge and Golden Five. Interviews were held January 5 & 6, 2023 wherein the Proposers were asked to make presentations on their firm's services and provide clarifications on their proposal to MTS. After the presentations, the committee re-scored the technical score for each of the short-listed Proposers. The table below reflects the updated rankings:

Proposer Name	Technical Score	Cost Score	Total Score (Maximum 100)	Ranking
AdaptivEdge LLC	52.33	25.67	78.00	1
Prodigy Consulting	39.17	25.08	64.25	2
AgreeYa Solution	32.33	21.00	53.33	3
Golden Five LLC	37.00	16.33	53.33	3

After the interviews, the committee requested a revised proposal from the top-ranked Proposer, AdaptivEdge. Based on the additional information gained, the firm was requested to accurately price a portion of the project scope. AdaptivEdge provided a revised proposal with a cost of \$332,380.00 on January 22, 2023. The committee met again on January 24, 2023 to review and discuss the updated proposal. Subsequently, MTS requested a Best and Final Offer (BAFO) from AdaptivEdge which was received January 27, 2023 with no change to the overall technical and cost proposal.

Based on the objectives of this procurement, consideration of the evaluation criteria and AdaptivEdge's technical and cost proposals, the evaluation team determined that AdaptivEdge presented the best value proposal to MTS.

Therefore, staff recommends that the MTS Board of Directors authorize the CEO to execute MTS Doc. No. G2689.0-23 (in substantially the same format as Attachment A) with AdaptivEdge LLC, in the amount of \$332,380.00 for the provision of MS 365 implementation consulting services.

/s/ Sharon Cooney
Sharon Cooney
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, Julia.Tuer@sdmts.com

Attachments: A. Draft Agreement, MTS Doc. No. G2689.0-23
B. Scope of Work
C. Cost Pricing Form



Metropolitan Transit System

STANDARD AGREEMENT FOR MTS DOC. NO. G2689.0-23

THIS AGREEMENT is entered into this _____ day of _____, 2023 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: AdaptivEdge LLC Address: 2127 San Antonio Ave
Alameda CA 94501
City State Zip
Form of Business: Single-member LLC
(Corporation, Partnership, Sole Proprietor, etc.) Email: ssoper@adaptivedge.com
Telephone: (415) 534-9477

Authorized person to sign contracts Stephen Soper Principal
Name Title

The Contractor agrees to provide services as specified in the conformed 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), and Policy 44C Travel Guidelines for Contractors (Exhibit F).

The contract term is for an estimated project completion timeline within nine (9) months and one (1) year post deployment support effective April 1, 2023 through December 31, 2024.

Payment terms shall be net 30 days from invoice date. The total cost of this contract shall not exceed \$332,380.00 without the express written consent of MTS.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	ADAPTIVEDGE LLC
By: <u>Sharon Cooney, Chief Executive Officer</u>	By _____
Approved as to form:	
By: <u>Karen Landers, General Counsel</u>	Title: _____



1. SCOPE OF WORK/TECHNICAL SPECIFICATIONS

1.1. INTRODUCTION

For more than 135 years, public transit has been serving the San Diego community and helping it thrive. The positive impacts of the San Diego Metropolitan Transit System (MTS) on our communities has been, and will continue to be, far-reaching. There are thousands of MTS employees who keep the fleet of nearly 1,000 vehicles maintained and operating every day. There are hundreds of thousands of people inside those vehicles that depend on transit to be productive. The all-electric Trolleys and near-zero emission buses reduce burdens associated with negative environmental impacts. And there are many more facts that show how our public transit system is a vital component to our region.

1.2. PURPOSE

MTS is seeking proposals from qualified firms for the following services:

- I. Migration and implementation of Microsoft's 365 hosted environment for its on-premise 2016 Exchange email system and the full suite of existing Microsoft Office 2016 products currently in use by MTS employees. MTS also intends to implement OneDrive in the cloud for use by MTS employees. The project should provide MTS with a hosted and secure Microsoft 365 solution and coordinating licensing and support.
- II. Implementation of SharePoint Online for MTS departments and employees. MTS currently has no SharePoint environment and is currently only utilizing on-prem file servers. We envision an initial pilot would be followed by implementation throughout the rest of MTS with the qualified firm available to train and support MTS employees as needed.
- III. Implementation of Microsoft Teams on Microsoft 365 hosted platform for communicating, collaborating and meeting. The pilot would be followed by a full implementation.

All work must be planned and completed with security in mind and in accordance with NIST SP 800-171 Framework (<https://docs.microsoft.com/en-us/compliance/regulatory/offering-nist-sp-800-171>). As well as all applicable standards, and other specifications, terms, and conditions as stated in this RFP. Qualified firms are required to submit proposals for all services.

1.3. BACKGROUND

1.3.1. MIGRATION AND IMPLEMENTATION OF MICROSOFT 365 AND ONEDRIVE

MTS currently has an on-premise Microsoft Exchange 2016 environment. MTS's current Exchange environment is hosted on 2 physical blade servers and 2 virtual machines (VMWare), and accommodates approximately 650 active mail box users that maintain public folders and shared calendars (as well as approximately 700 inactive mail boxes). Exchange data is backed up via a local CommVault media agent and is replicated offsite to Azure. MTS also employs Barracuda Message Archiver services for email archiving.

MTS employees access their email from Windows 7, 10 and 11 workstations, using Microsoft Outlook 2019. Some users also access their email using their personal smart phones (IOS or Android outlook or native email client). Access to email via Microsoft Office

Outlook Web Access (OWA) web browser is currently disabled (may be re-enabled at a later date).

Other Microsoft products in use by MTS, including but not limited to: Word, Excel, Access, PowerPoint and Power BI, Visio and Project.

MTS intends to implement OneDrive in the cloud for use by MTS employees. MTS is looking to transfer user local Documents folders (within Windows) as well as a designated Home Folder to the cloud (both locations will need to be merged into OneDrive). The Home Folder currently reside on on-premise file servers.

The selected firm should be prepared to work with MTS's IT Department in preparing the Microsoft 365 environment for migration and implementation, this includes training to MTS employees on day-to-day use.

1.3.2. IMPLEMENTATION OF SHAREPOINT ONLINE

MTS currently does not have a SharePoint environment. Internal information sharing and collaboration are being performed via emails and file sharing.

MTS is looking to migrate the contents of the file shares to SharePoint Online. All file servers currently reside on on-prem servers.

MTS IT System Administrators will retain overall site responsibilities and permissions but would like each department to assume the responsibility of managing their site and access to its data within SharePoint.

1.3.3. IMPLEMENTATION OF MICROSOFT TEAMS

MTS communicates and collaborates via emails, Cisco Jabber/WebEx, Zoom and Five9.

MTS intends to leverage Microsoft Teams for chat, video calling and screen sharing, document sharing/collaboration, online meetings, and audio conferencing.

1.4. WORK REQUIREMENTS

The selected firm, in the execution of this contract, will report directly to MTS's Project Manager and respond to MTS in all matters relating to the services provided hereunder.

The selected firm shall provide all management, technical and administrative labor, tools, equipment, materials, licenses, supplies and services required for the tasks listed and as applicable.

For all major milestones there will be an initial pilot test for designated departments and a full rollout throughout the rest of MTS. A breakout of MTS Departments is located in Appendix A – MTS Departments.

The contract scope shall include, but not be limited to the following;

1.4.1. TASK I: MIGRATION AND IMPLEMENTATION OF MICROSOFT 365 AND ONEDRIVE

MTS would like to perform a pilot migration and implementation with designated groups followed by a full rollout throughout the company.

1.4.1.1. Readiness Assessment, Discovery, and Planning

- a) Review of MTS's systems to gather and capture information about existing infrastructure, including usage patterns and administrative practices
- b) Develop detailed plan for the pilot and full rollout:
 - 1. Office Apps
 - 2. Defender for Office Plan 1
 - 3. Exchange
 - 4. OneDrive
 - 5. Intune
 - 6. Microsoft Endpoint Configuration Manager
 - 7. AD Plan 1 Apps
- c) Identify potential challenges in this migration and propose solutions
- d) Develop a user adoption plan
- e) Develop a governance plan
- f) Develop a solid communication plan based on best practices
- g) Develop a solid training plan for MTS users based on best practices such as: lunch and learns; web-based training; desk materials and, training curriculum that allows users access to training material before, during and after the implementation. Such training material should be relevant and updated. The material should be easily accessible and consumable by the end users
- h) Develop a test plan
- i) Develop a tailored roadmap to implement Microsoft 365 applications such as Yammer, Planner, etc.
- j) Develop a tailored roadmap to plan for future deployments, migrations and usage of other Microsoft 365 applications such as Yammer, Planner, etc.
- k) Microsoft Active Directory integration
- l) Identify mailbox size and item counts that will be migrated to Microsoft 365
- m) Analyze mailbox and calendar permissions
- n) Networking and Naming Services Planning
- o) Determine required tasks for configuring network and DNS
- p) User Identity and Account Provisioning Planning
- q) Planning considerations to implement directory synchronization
- r) Plan for Active Directory Federation Services for use with single sign-on
- s) Exchange Online Planning (upgrade to Exchange 2019 as initial step if required)
- t) Determine mail-enabled applications and plan for configuration
- u) Conduct bandwidth assessment to calculate migration velocity for mailbox data
- v) SMTP services planning.
- w) Assessment and documentation of client configurations, including identification of necessary changes from current configuration standards
- x) Compliance search, e-discovery, archive, mailbox quota and retention planning.
- y) Bandwidth and connectivity assessment to calculate migration cadence.
- z) Data loss prevention planning

- aa) Develop and document Commvault Metallic Cloud Back-up/Restore procedures
- bb) Identification of all Microsoft licenses required for expected general and scenario-specific use cases
- cc) Identification and planning of roles-based administration and the separation of duties following the principle of least privileges
- dd) Identification and planning of necessary reports for performance, health and usage metrics of Microsoft 365 messaging services, including administrator activities
- ee) Identification and documentation of roadblocks and issues that need to be addressed as part of the planning.

Deliverables

- Readiness Assessment from Discovery
- Deployment and Implementation Plans
- User Adoption Plan
- Governance Plan
- Communications Plan
- Training Plan
- Test Plan
- Future Usage Roadmap

1.4.1.2. Migration/Implementation Preparation

- a) Exchange online service configuration
- b) SMTP service configuration
- c) Secure messaging configuration
- d) Initial retention policy configuration
- e) Initial data loss prevention policy configuration
- f) Anti-spam and anti-malware protections configuration
- g) Conditional access for Microsoft Outlook, Outlook Web Access and managed mobile access configuration
- h) Configuration of compliance, e-discovery, and archive components, including policies and roles-based access
- i) Configuration of outlook web access and exchange active sync, including condition access requirements where appropriate
- j) Preparation of reports for usage, performance and service health metrics
- k) Preparation of reports for auditing of administrative activities, including provisioning and de-provisioning, compliance/e-discovery activity, and configuration changes
- l) Implement enterprise wide training with employees through at least three forms of communication
- m) Prepare end user documentation on Outlook, the new Microsoft 365 environment and OneDrive
- n) Assist with Domain Verification and Microsoft 365 Registration

- o) Add and verify MTS domain name with Microsoft 365
- p) Create DNS records to configure MTS domain name for use with Microsoft 365 services
- q) Configure on-premises AD for directory synchronization
- r) Deploy and configure Active Directory Federation Services to enable single sign-on
- s) Configure email coexistence with existing server and Exchange Online
- t) Mailbox quotas and archival/retention policies
- u) Configure client computers and end-user experience

Deliverables

- System configurations
- Cutover Plan
- Migration/Implementation preparation reports/plans

1.4.1.3. Migration/Implementation and Cutover

- a) Assign licenses to users
- b) Migrate and synchronize mailbox data to exchange online
- c) Update DNS to point to Microsoft 365
- d) Migrate user home folders to OneDrive
- e) Migration of ActiveSync devices
- f) Configure Outlook Web Access and Exchange ActiveSync for mobile phone and devices where applicable
- g) Migration of the retention policy
- h) Perform Post-migration Service testing of Microsoft 365 and OneDrive functionality
- i) Develop and document Commvault Metallic Cloud Back-up/Restore procedures
- j) Decommission and cleanup of on-premises Exchange resources
- k) Migration will be seamless and cutover will happen on a designated weekend

Deliverables

- Acceptance Criteria/Results
- User Acceptance Testing

1.4.1.4. Administrator Training, Documentation and Knowledge Transfer

- a) Training of IT staff for:
 - 1. Administration Microsoft 365 and OneDrive services
 - 2. Creation and administration of archive and retention policies
 - 3. Provisioning and de-provisioning of users, including disposition of data that meets MTS retention and compliance policies
 - 4. Responding to e-discovery and legal hold requests
 - 5. Managing DirSync

6. Administering Microsoft System Center
 7. Microsoft 365 administration best practices, including roles-based controls and separation of duties
 8. Creating reports for activity, performance, health and access
- b) Administrator documentation detailing all configurations pertaining to retention, archiving and disposition of email and user home files

Deliverables

- Training Materials/Documentation
- Training
- Post Training Survey

1.4.1.5. End User Documentation, Knowledge Transfer, and Training

- a) General end-user documentation and training on the new Microsoft 365 messaging environment, including OWA and OneDrive
- b) General end-user documentation on changes necessary on mobile devices to use Active Sync in the new messaging environment
- c) General end-user documentation on archive, archive policies and, retention policies
- d) Training material must be accessible before, during and after the migration. Such training material should be relevant and updated. The material should be easily accessible and consumable by the end users

Deliverables

- Training Materials/Documentation
- Training
- Post Training Survey

1.4.1.6. Post Deployment Support

- a) Have resources available and able to augment MTS support staff on the week after the migration is completed
- b) 30 Days of Post Deployment Support
- c) 120 Hours of Service Desk Support to be used within a 1 Year Term

Deliverables

- Post-Deployment Support
- Identify and document common troubleshooting steps and practices

1.4.2. TASK II: IMPLEMENTATION OF SHAREPOINT ONLINE

MTS would like to perform a pilot rollout with designated groups followed by a full rollout to the company.

1.4.2.1. Readiness Assessment, Discovery, and Planning

- a) Review of MTS's on-premise file servers
- b) Develop detailed plan for the pilot and full rollout and migration of all file servers to SHAREPOINT ONLINE hosted platform
- c) Develop a governance plan
- d) Develop a solid communications plan based on best practices
- e) Develop a solid training plan for MTS users based on best practices such as: lunch and learns; web-based training; desk materials and, training curriculum that allows users access to training material before, during and after the implementation. Such training material should be relevant and updated. The material should be easily accessible and consumable by the end users
- f) Develop a test plan
- g) Develop and document Commvault Metallic Cloud Back-up/Restore procedures
- h) Identify records retention needs and requirements
- i) Identify potential challenges and propose solutions
- j) Prepare a requirements document capturing the file server folders user requirements

Deliverables

- Readiness/Environment Assessment from Discovery
- Deployment and Implementation Plans
- User Adoption Plan
- Governance Plan
- Communications Plan
- Training Plan
- Test Plan
- Future Usage Roadmap
- Requirements Document

1.4.2.2. Migration/Implementation Preparation

- a) Initial retention policy configuration
- b) Initial data loss prevention policy configurations
- c) Provide SharePoint customization, development and improvement
- d) Assist with configuring governance rules within solution
- e) Provide guidance on user adoption
- f) Provide MTS staff with coaching, training, and documentation to allow them to continue to evolve the agency's' digital workplace platform
- g) Configuration of compliance, e-discovery, and archive components, including policies and roles-based access
- h) Preparation of reports for usage, performance and service health metrics.

- i) Preparation of reports for auditing of administrative activities, including provisioning and de-provisioning, compliance/e-discovery activity, and configuration changes
- j) Prepare end-user documentation accessing file server folder information
- k) Implement enterprise wide training with employees through at least three forms of communication

Deliverables

- System configurations
- Cutover Plan
- Migration/Implementation preparation reports/plans

1.4.2.3. Migration/Implementation and Cutover

- a) Migrate files server shares to SHAREPOINT ONLINE
- b) Migration/implementation of the retention policy
- c) Migration and implementation will be seamless and happen on a designated weekend
- d) Perform post-migration end-to-end testing of SharePoint Online services
- e) Perform post-implementation testing of shared files
- f) Propose a comprehensive backup for Intranet and shared files servers and data

Deliverables

- Acceptance Criteria/Results
- User Acceptance Testing

1.4.2.4. Administrator Training, Documentation and Knowledge Transfer

- a) Training of IT staff for:
- b) Administration SharePoint Online/Intranet and shared file services
- c) Creation and administration of archive and retention policies
- d) Provisioning and de-provisioning of users, including disposition of data that meets MTS retention and compliance policies
- e) Responding to e-discovery and legal hold requests
- f) SharePoint Online/Intranet administration best practices
- g) Technical training covering usage of PowerShell and other scripting to streamline System Administrator functions and provide enhanced system administrative capability
- h) System Administrator training and knowledge transfer to enable staff to effectively support and manage SharePoint Online/Intranet
- i) Creating reports for activity, performance, health and access
- j) Administrator documentation detailing all configurations of latest SharePoint Online/Intranet services

Deliverables

- Training Materials/Documentation
- Training
- Post Training Survey

1.4.2.5. End User Documentation, Knowledge Transfer, and Training

- a) End User documentation and training covering access, navigation, and general usage of the new intranet and document storage
- b) General end-user documentation on archive, archive policies and, retention policies
- c) Site Administrator training to enable staff to effectively manage their sites including workflows and managing content
- d) Training material must be accessible before, during and after the implementation. Such training material should be relevant and updated. The material should be easily accessible and consumable by the end users

Deliverables

- Training Materials/Documentation
- Training
- Post Training Survey

1.4.2.6. Post Deployment Support

- a) Have resources available and able to augment MTS support staff on the week after the migration is completed
- b) 30 Days of Post Deployment Support
- c) 120 Hours of Service Desk Support to be used within a 1 Year Term

Deliverables

- Post-Deployment Support
- Identify and document common troubleshooting steps and practices

1.4.3. TASK III: IMPLEMENTATION OF MICROSOFT TEAMS

MTS would like to perform a pilot rollout with designated groups followed by a full rollout throughout the company.

1.4.3.1. Readiness Assessment, Discovery, and Planning

- a) Review of MTS's collaboration mechanisms (Cisco Jabber & WebEx, Zoom, Five9, Cisco Social Minor).
- b) Develop detailed plan for the pilot and full rollout of Microsoft Teams
- c) Teams Online services planning
- d) Build a governance plan and strategy around the implementation and rollout of Microsoft Teams for collaboration
- e) Develop Teams user adoption plan
- f) Develop a solid communications plan based on best practices

- g) Develop a solid training plan for MTS users based on best practices such as: lunch and learns; web-based training; desk materials and, training curriculum that allows users access to training material before, during and after the implementation. Such training material should be relevant and updated. The material should be easily accessible and consumable by the end users
- h) Develop and document Commvault Metallic Cloud Back-up/Restore procedures
- i) Identify records retention needs and requirements
- j) Identify potential challenges and propose solutions
- k) Prepare a requirements document capturing the user requirements

Deliverables

- Readiness/Environment Assessment from Discovery
- Deployment and Implementation Plans
- User Adoption Plan
- Governance Plan
- Communications Plan
- Training Plan
- Test Plan
- Requirements Document

1.4.3.2. Migration/Implementation Preparation

- a) Assist with configuring governance rules within solution
- b) Provide guidance on ways to ensure user adoption
- c) Cisco Unity Voicemail and Auto-Attendant integration
- d) Initial retention policy configuration
- e) Configuration of compliance, e-discovery, and archive components, including policies and roles-based access
- f) Preparation of reports for usage, performance and service health metrics
- g) Preparation of reports for auditing of administrative activities, including provisioning and de-provisioning, compliance/e-discovery activity, and configuration changes
- h) Implement enterprise wide training with employees through at least three forms of communication

Deliverables

- Cisco Unity Voicemail and Auto-Attendant integration
- Implement Microsoft Teams
- Migration of the retention policy
- Perform post-migration end-to-end testing of chat, video calling and screen sharing, document sharing/collaboration, online meetings, and audio conferencing

1.4.3.3. Migration/Implementation and Cutover

- a) Cisco Unity Voicemail and Auto-Attendant integration
- b) Implement Microsoft Teams
- c) Migration of the retention policy
- d) Perform post-migration end-to-end testing of chat, video calling and screen sharing, document sharing/collaboration, online meetings, and audio conferencing

Deliverables

- Acceptance Criteria/Results
- User Acceptance Testing

1.4.3.4. Administrator Training, Documentation and Knowledge Transfer

- a) Training of IT staff for:
 - 1. Creation and administration of archive and retention policies
 - 2. Provisioning and de-provisioning of users, including disposition of data that meets MTS retention and compliance policies
- b) Administrator documentation detailing all configurations of latest Teams Online services

Deliverables

- Training Materials/Documentation
- Training
- Post Training Survey

1.4.3.5. End User Documentation, Knowledge Transfer, and Training

- a) End-user documentation and training on Teams
- b) General end-user documentation on archive, archive policies and, retention policies

Deliverables

- Training Materials/Documentation
- Training
- Post Training Survey

1.4.3.6. Post Deployment Support

- a) Have resources available and able to augment MTS support staff on the week after the migration is completed
- b) 30 Days of Post Deployment Support
- c) 120 Hours of Service Desk Support to be used within a 1 Year Term

Deliverables

- Post-Deployment Support
- Identify and document common troubleshooting steps and practices

1.5. PAYMENT MILESTONES/INVOICES

Contractor may request payment for work in accordance with the approved milestone payment schedule upon acceptance of identified deliverables.

#	Milestone	Description	Percentage
1	Contract Start	Payment upon signing agreement	10%
2	Task 1 Plan	Finalization of workplan	5%
3	Task 1 Implementation	Completed migration/implementation and cutover	15%
4	Task 1 Completion	Acceptance of documentation and training	5%
5	Task 2 Plan	Finalization of workplan	5%
6	Task 2 Implementation	Completed migration/implementation and cutover	15%
7	Task 2 Completion	Acceptance of documentation and training	5%
8	Task 3 Plan	Finalization of workplan	5%
9	Task 3 Implementation	Completed migration/implementation and cutover	15%
10	Task 3 Completion	Acceptance of documentation and training	5%
11	Project Completion	Final acceptance of all work on project	15%

Payment terms are NET 30 for goods/services in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software licenses, subscriptions, or maintenance may be paid in advance.

Invoices must be sent to the MTS Accounting Department, via email, at ap@sdmts.com. All invoices must have the Purchase Order 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.

1.6. ACCEPTANCE CRITERIA

The acceptance of all deliverables will reside with MTS's Project Manager. The Project Manager will convene a team of advisors/stakeholders in order to ensure the completeness of each milestone of the project and that the scope of work has been met. Once a project milestone is completed and the selected firm provides their report/presentation for review and approval, the Project Manager will either sign off on the approval for the next milestone to begin, or reply to the selected firm, in writing, advising what tasks must still be accomplished.

Once all project tasks have been completed, the project will enter the handoff/closure stage. During this stage of the project, the selected firm will provide their project closure report and project task checklist to MTS's Project Manager. The acceptance of this documentation by MTS's Project Manager will acknowledge acceptance of all project deliverables and that the selected firm vendor has met all assigned tasks.

Any discrepancies involving completion of project tasks or disagreement between MTS and the selected firm will be referred to both organizations' contracting offices for review and discussion.

1.7. OTHER REQUIREMENTS

- Customer Support: Selected firm should note the company's general customer support structure. This includes listing all the ways Clients can access support, the availability of support, and any conditions which would limit support access. One contact for all support needs would be preferred. Selected firm should provide the address and telephone number for the general customer support location nearest to San Diego, CA.
- Technical Support: Selected firm should note the company's technical support structure. This includes Client access to support, availability of support, and any conditions which would limit support access. One contact for all support needs would be preferred. Please provide the address and telephone number for technical support location nearest to San Diego, CA.
- Security: All applications and data must meet NIST, PCI, HIPPA, PII Security Standards.

1.8. PROJECT MANAGEMENT

The selected firm must provide MTS with the following Project Management Services:

- a. Assignment of a dedicated Program or Project Manager to MTS's engagement. This person will be the single point of contact for overall communications, project coordination with MTS and selected firm accountability issues.
- b. Provide Project Schedule in MS Project format, organized by phase, with milestone deliverables clearly identified. Tasks should identify resources, start and end dates, duration of tasks and predecessor relationships where applicable. The schedule must indicate the tasks for which MTS is responsible. Adequate time should be allotted within the schedule for MTS's review of project documentation, revisions and final approval by MTS prior to the deadline of each document and deliverable.
- c. Firm Project Manager will co-lead an online Kick-Off meeting for each phase with MTS's Project Manager. This will be scheduled to occur after the execution of the contract. The firm project manager will discuss the project approach (describing how the project will be successfully completed, and the implementation approach), the project's goals and objectives, scope, out of scope items, work plan, timeline, assumptions, risks and team member roles and responsibilities during the meeting and allow time for questions. Two weeks prior to the meeting, the firm project manager will prepare an agenda and draft outline of the presentation for MTS's review.
- d. Attendance by the selected firm Project Manager at project status meetings and other meetings by MTS's designated Project Manager to facilitate and coordinate planning, migration/implementation, testing and training activities
- e. Preparation and/or maintenance of other project records as requested by MTS's designated Project Manager.
- f. Coordination with MTS's designated Project Manager for management of the project budget
- g. Produce detailed deliverable documentation to support completion status of each project deliverable.

- h. Project Status report provided on a weekly basis that at a minimum will consist of the following: (a) executive summary, (b) updated milestones/timelines, (c) open action items, (d) project risks with mitigation plan, (e) project issues with target resolution dates, (f) accomplishments, (g) resources, (h) budget and (i) two-week look ahead.
- i. Meet weekly with MTS project manager and project team members to discuss progress, risk factors that may affect the project schedule and issues that arise during and the course of the project.
- j. Provide a summary of the weekly status meetings to designated MTS project manager to include, but not be limited to: any decisions and action items.
- k. Maintain an issue log and risk register.

1.9. PROJECT DOCUMENTATION

Firm will be responsible for documenting all phases of this project and will provide MTS with copies of all notes, schedules and any other prepared documents. Documentation will be provided in electronic format where possible, preferably in the Microsoft Office suite format. (Word, Excel, Power Point, Project).

Deliverable documents shall include as a minimum the following:

- 1. All deliverables documents outlined in section 5.4 Work Requirements, 5.7 Other Requirements and 5.8 Project Management
- 2. Project Plan with schedule in Microsoft Project
- 3. Project Kick-off Presentation
- 4. Weekly Project Status Report
- 5. Weekly Project Status Meetings/Agenda/Minutes
- 6. Issue Log
- 7. Risk Register
- 8. Project Closure Report
- 9. Project Task List

1.10. DELIVERABLES TO BE PROVIDED WITH PROPOSAL RESPONSE

- a. A technical and functional solution proposal that addresses the scope of work
- b. Cost proposal (milestone payment schedule) with any applicable pricing discounts for all requirements noted in the scope of work.
- c. Firm will describe in their work plan and schedule submitted as part of the proposal and anticipated milestone dates of each portion of the project such as readiness assessment, discovery and planning, migration/implementation preparation, migration/implementation and cutover, administrator training, documentation and knowledge transfer, end user documentation, knowledge transfer and training and post deployment support.

1.11. APPENDIX A – MTS DEPARTMENTS

- 1. Administrative Department
 - a. Capital Projects
 - b. Finance
 - c. Government Affairs
 - d. Human Resources

- e. Information Technology
 - f. Legal
 - g. Marketing
 - h. Planning & Scheduling
 - i. Security
2. San Diego Trolley
3. San Diego Transit

1.12. APPENDIX B – MTS ENVIRONMENT

- Total Email storage: 700 GB
- Total Email Archive storage: 9 TB
- Total mailboxes licenses: 661
- Total mailboxes non-licensed: 688
- Approx. 268 email groups
- Windows 7, 10, 11 workstations
- Windows Server 2016/2019
- Total file system storage: 37 TB
- MTS uses dropbox.com to collaborate with outside sources
- MTS uses Cisco WebEx and Zoom.us for video conferencing
- MTS's backup utilizes CommVault on-prem backups and Azure storage for the offsite copy.
- Total amount of Mobile users: Unknown
- Types of mobile devices: Unknown

1.13. BUSINESS HOURS AND AVAILABILITY

Contractor's key personnel shall be available during MTS regular business hours and planned after hours periods dictated by the mutually agreed upon implementation plan. MTS' regular business hours are Monday through Friday, 8am-5pm Pacific Time, except for MTS holidays.

MTS Holidays (Subject to change)

- a) New Year's Day
- b) Martin Luther King Day
- c) President's Day
- d) Cesar Chavez Day
- e) Memorial Day
- f) Independence Day
- g) Labor Day
- h) Veterans Day

- i) Thanksgiving Day
- j) Christmas Day



MICROSOFT 365 IMPLEMENTATION CONSULTANT

MTS DOC. NO. G2689.0-23

Proposer Name - AdaptivEdge

Task I: Migration and implementation of Microsoft 365 and OneDrive

Task Description	Labor Hours	Rate	Total
Readiness Assessment, Discovery and Planning	152	\$ 190.00	\$ 28,880.00
Migration/Implementation Preparation	112	\$ 190.00	\$ 21,280.00
Migration/Implementation and Cutover	152	\$ 190.00	\$ 28,880.00
Administrator Training, Documentation and Knowledge Transfer	40	\$ 190.00	\$ 7,600.00
End User Documentation, Knowledge Transfer and Training	40	\$ 190.00	\$ 7,600.00
Post Deployment Support	80	\$ 190.00	\$ 15,200.00
Project Management	142	\$ 150.00	\$ 21,300.00
Task I Total:	718		\$ 130,740.00

Task II: Implementation of SharePoint Online

Task Description	Labor Hours	Rate	Total
Readiness Assessment, Discovery and Planning	152	\$ 190.00	\$ 28,880.00
Migration/Implementation Preparation	96	\$ 190.00	\$ 18,240.00
Migration/Implementation and Cutover	216	\$ 190.00	\$ 41,040.00
Administrator Training, Documentation and Knowledge Transfer	24	\$ 190.00	\$ 4,560.00
End User Documentation, Knowledge Transfer and Training	40	\$ 190.00	\$ 7,600.00
Post Deployment Support	80	\$ 190.00	\$ 15,200.00
Project Management	196	\$ 150.00	\$ 29,400.00
Task II Total:	804		\$ 144,920.00

Task III: Implementation of Microsoft Teams

Task Description	Labor Hours	Rate	Total
Readiness Assessment, Discovery and Planning	32	\$ 190.00	\$ 6,080.00
Migration/Implementation Preparation	40	\$ 190.00	\$ 7,600.00
Migration/Implementation and Cutover	32	\$ 190.00	\$ 6,080.00
Administrator Training, Documentation and Knowledge Transfer	24	\$ 190.00	\$ 4,560.00
End User Documentation, Knowledge Transfer and Training	40	\$ 190.00	\$ 7,600.00
Post Deployment Support	80	\$ 190.00	\$ 15,200.00
Project Management	64	\$ 150.00	\$ 9,600.00
Task III Total:	312		\$ 56,720.00

Project Total	1834		\$ 332,380.00
----------------------	-------------	--	----------------------



DRAFT FOR EXECUTIVE COMMITTEE REVIEW DATE: 3/9/2023

Agenda Item No. 7

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

March 16, 2023

SUBJECT:

Battery Electric Bus (BEB) Charge Management Software System – 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. B0751.0-23 (in substantially the same format as Attachment A) with BP Pulse Fleet North America Inc., ("BP Pulse") for \$1,505,322.73 for charge management software system (Attachment B), for five (5) base years, and two (2) option years exercisable at MTS's sole discretion, for a total of seven (7) years.

Budget Impact

The total cost of this contract is estimated to be \$1,505,322.73 as shown in Attachment C. Funding will be from the operating budget 311014- 536160, Revenue Vehicles – Telematics Services.

DISCUSSION:

As part of its Zero Emission Bus (ZEB) program, MTS will be procuring ZEBs and infrastructure to support this technology throughout the transition from a compressed natural gas (CNG) bus fleet to a 100% ZEB fleet through 2040. This was initiated by the passing of California Air Resources Board's (CARB) Innovative Clean Transit (ICT) regulation. The regulation is a purchase mandate to transition all California transit agencies to a 100% ZEB fleet.

MTS began this transition with BEB purchases that included twelve (12) standalone plug-in chargers. However due to site constraints at all of its bus divisions, MTS is planning and designing an overhead depot pantograph charging system that will help alleviate potential vehicle parking losses when installing this infrastructure.

The current charging systems consist of different charger manufacturers and could include additional manufacturers from future procurements that may have their own back-end software to manage and monitor the chargers, which can create interoperability challenges. To ensure continuity and efficiency of the management and monitoring of the system, MTS is looking to procure one (1) Charge Management Software (CMS) system that is capable of managing



multiple charger manufacturers' charging equipment types on one (1) platform. This system will also help MTS manage its power demand required from the utility grid and assist in optimally charging buses at the most cost-effective rate and time when fueling BEBs for service.

On October 4, 2022, MTS issued a Request for Proposals (RFP), MTS Doc. No. B0751.0-23 for a contractor to provide a software platform to facilitate a charge management solution for five (5) base years, and two (2) option years exercisable at MTS's sole discretion, for a total of seven (7) years.

On November 29, 2022, a total of four (4) proposals were received from the following firms:

Proposer	Firm Certifications
BP Pulse	None
ChargePoint, Inc.	None
INIT Innovations in Transportation, Inc. (INIT)	None
The Mobility House	None

The initial review of the technical proposals showed all proposers were compliant to the RFP requirements, including the Pass/Fail criteria.

An evaluation committee consisting of representatives from MTS Bus Operations, Finance and Information Technology met on December 22, 2022, to evaluate and score each proposal based on the following criteria:

Qualifications of the Firm or Individual	25%
Staffing, Organization, and Management Plan	20%
Work Plan	30%
Cost and Price	<u>25%</u>
Total	100%

The following table represents the initial evaluations for each proposer using the criteria above:

Proposer	Cost	Technical score	Cost score	Total	Ranking
BP Pulse	\$888,332.00	61.67	25.00	86.67	1
The Mobility House	\$1,195,052.00	56.34	18.58	74.92	2
INIT	\$978,464.85	50.67	22.70	73.37	3
ChargePoint, Inc.	\$1,295,230.00	54.67	17.15	71.82	4

After the initial review, the evaluation team had clarification questions for all 4 Proposers' costs and technical proposals. On December 29, 2022, MTS emailed all Proposers clarification questions specific to each proposal. For costs, MTS asked that Proposers provide all fees related to the services.

On January 9, 2022, MTS received Revised Proposals # 1 that were evaluated on January 12, 2023. The revised scores and costs are shown below with the ranking staying the same as the initial evaluations:

Proposer	Cost	Technical score	Cost score	Total	Ranking
BP Pulse	\$1,505,322.73	61.67	14.53	76.20	1

The Mobility House	\$1,195,052.00	56.34	18.30	74.64	2
INIT	\$874,885.62	49.00	25.00	74.00	3
ChargePoint, Inc.	\$1,366,195.34	56.00	16.01	72.01	4

Interviews and presentations with all 4 proposers were held on January 24 and January 25, 2023. Shortly thereafter, Revised Proposals # 2 were requested from all 4 proposers with further clarifications based on questions derived from the interviews.

Revised Proposals # 2 were received on January 31, 2023 and evaluated on February 7, 2023. The revised scores and costs are shown below with the ranking staying the same as the prior evaluations:

Proposer	Cost	Technical score	Cost score	Total	Ranking
BP Pulse	\$1,505,322.73	61.67	14.24	75.91	1
The Mobility House	\$1,140,824.40	55.67	18.79	74.46	2
INIT	\$857,237.35	49.00	25.00	74.00	3
ChargePoint, Inc.	\$1,368,863.21	56.00	15.66	71.66	4

On February 15, 2023, MTS requested a Best and Final Offer (BAFO) from BP Pulse, the top-ranked proposer. On February 17, 2022, a BAFO was received that would offer MTS discounts if site controllers required for the 4 divisions (Imperial Avenue Division, Kearny Mesa Division, East County Division and South Bay Division) were pre-paid within the first year, and license fees were prepaid for the 5 years. Although MTS chose not to pursue any of the pre-payments, BP Pulse's proposal remained the highest-ranked proposal throughout all the evaluations. By comparison to MTS's Independent Cost Estimate (ICE) at \$2,649,600, its pricing was deemed fair and reasonable representing the best value to MTS considering both price and technical factors.

Therefore, staff recommends that the MTS Board of Directors authorize the CEO to execute MTS Doc. No. B0751.0-23 (in substantially the same format as Attachment A) with BP Pulse Fleet North America Inc., ("BP Pulse"), at \$1,505,322.73 for charge management software system (Attachment B), for five (5) base years, and two (2) option years exercisable at MTS's sole discretion, for a total of seven (7) years.

/s/ Sharon Cooney
Sharon Cooney
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, Julia.Tuer@sdmts.com

Attachments: A. Draft Agreement MTS Doc No. B0751.0-23
B. Scope of Work
C. Cost Summary



Metropolitan Transit System

STANDARD AGREEMENT FOR

MTS DOC. NO. B0751.0-23

IN-PLANT BUS INSPECTIONS, PRE-AWARD AND POST DELIVERY BUY AMERICA AUDITS

THIS AGREEMENT is entered into this _____ day of _____, 2023 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: BP Pulse Fleet North America Inc.
("BP Pulse")

Address: 335 E. Middlefield Road

Mountain View, CA 95043

Form of Business: Corporation
(Corporation, Partnership, Sole Proprietor, etc.)

Email: simon@bppulsefleet.com

Telephone: (408) 475-1501

Authorized person to sign contracts

Simon Lonsdale

Head of Sales and Strategy

Name

Title

The Contractor agrees to provide services as specified in the conformed 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) and Forms (Exhibit D).

The contract term is for five (5) base years effective April 1, 2023 to March 31, 2028, and two (2) option years exercisable at MTS's sole discretion April 1, 2028 to March 31, 2030, for a total of seven (7) years.

Payment terms shall be net 30 days from invoice date. The total cost of this contract shall not exceed \$887,261.68 for the base years (including additional charging ports), and \$618,061.05 for the option years if exercised by MTS, for an overall contract total not to exceed \$1,505,322.73 without the express written consent of MTS.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	TRANSIT RESOURCE CENTER
By: <u>Sharon Cooney, Chief Executive Officer</u>	By _____
Approved as to form:	
By: <u>Karen Landers, General Counsel</u>	Title: _____



SCOPE OF WORK/TECHNICAL SPECIFICATIONS

1.1. INTRODUCTION

Contractor shall provide a software platform to facilitate a charge management solution for five (5) base years, and two (2) option years exercisable at MTS's sole discretion, for a total of seven (7) years.

1.2. BACKGROUND

MTS currently has a zero emissions bus (ZEB) program which will be procuring ZEBs and infrastructure to support this technology throughout the transition to 100% ZEB fleet. In addition, MTS has produced a Transition Study that outlines MTS's commitment to transitioning its bus fleet from compressed natural gas (CNG) to 100% ZEB through 2040. This was initiated by the passing of the California Air Resources Board (CARB) Innovative Clean Transit Rule (ICT) that is a purchase mandate of ZEBs for all California transit agencies. The existing charging equipment is twelve (12) stand-alone plug-in chargers; however, due to space constraints at each of MTS's bus yards, all future charging equipment is expected to be depot overhead pantograph beginning in 2022 to help maximize space. The overhead infrastructure is planned to be implemented at four (4) divisions supporting up to 600+ ZEBs over the next 20 years.

The criteria below describe an expected charge management system capabilities for MTS's depot charging systems, which are itemized by potential depot overhead pantograph/charging cabinets, and stand-alone charging system port counts for the next five (5) base years (2023-2028) with a potential two (2) option years, and up to an additional fifty (50) options for charger port system counts that could be located at any of the San Diego Metropolitan Transit System's divisions below:

Note: the following counts are subject to change at the discretion of MTS.

- A. Imperial Avenue Division (IAD): 100 16th Street, San Diego, CA 92101
 - i. Six (6) DC III Fast Chargers
 - ii. Ten (10) DC II Fast Charging Power Cabinets
 - iii. Thirty (30) Overhead Depot Pantographs
- B. Kearny Mesa Division (KMD): 4630 Ruffner Street, San Diego, CA 92111
 - i. Two (2) DC III Fast Chargers
 - ii. Nine (9) DC III Fast Charging Power Cabinets
 - iii. Twenty-seven (27) Overhead Depot Pantographs
- C. East County Division (ECD): 544 Vernon Way, El Cajon, CA 92020
 - i. Two (2) DC III Fast Chargers
- D. South Bay Division (SBD): 3650 Main Street, Chula Vista, CA 91911
 - i. Two (2) DC III Fast Chargers
 - ii. Twenty-three (23) DC III Fast Charging Power Cabinets
 - iii. Sixty-seven (73) Overhead Depot Pantographs

1.3. CHARGING CRITERIA

The following criteria is for the above potential charging systems types/counts. The current purchased charging systems and electric bus specifications below are the minimum specifications to be purchased for each charging and bus system type throughout the contract term:

- A. Charging Systems
 - i. Twelve (12) Chargepoint CPE 250: 62.5 kWh rate of charge (two (2) conjoined for 125 kWh rate of charge) (Stand-alone; plug-in)
 - ii. Twenty-Four (24) Schunk SLS 301 Gantry Mounted Depot Charger (Piston Pantograph)
 - iii. Eight (8) Heliox DC III Flex 180 kWh rate of charge power cabinets
- B. Bus Systems
 - i. Seven (7) Gillig 40-foot battery electric bus (444 kWh energy storage system (ESS))
 - ii. Six (6) New Flyer XE40 40-foot (466 kWh ESS)
 - iii. Twelve (12) New Flyer XE60 60-foot (610 kWh ESS)
- C. Charge Management System Scope
 - i. Functionality: Sequential/simultaneous charging programmable with different strategies (e.g., charge each bus to max allowable capacity sequentially/simultaneously, then cycle back through all buses to maintain charge; charge each bus to full, then cycle through all buses to maintain charge). MTS should be able to adjust the programming of each individual charger, as needed, to adapt to service requirements.
 - a) Avoid storage at extreme State of Charge (SOC): prevent leaving batteries at excessively high or low states of charge for extended periods that can lead to excessive wear and tear on the battery.
 - b) Integration with other transit operation systems: with MTS transit operations systems through API or other method: HASTUS scheduling software & MTS's CAD/AVL - Regional Transit Management System (RTMS) etc.
 - Bus telematics – Connect, Viriciti, etc.
 - Respond to changing route assignments (detours, etc.): to adjust charging schedules/energy demand in real-time if bus routing/duty cycle change during a charge session, and a bus is dispatched to a new routing
 - c) Prioritize charging based off MTS's parking layouts: have the capability/module for using MTS's parking layout to prioritize charging specific vehicles at front of parking lanes and/or vehicle types for the next available pullout, and communicating this information to dispatch/scheduling system
 - d) Override capabilities: by charger position, to enable charging at any rate up to the charger maximum
 - e) Charging optimization: to be able to charge vehicles optimally (e.g. rate of charge, energy demand, and time a bus must begin service) to a defined level sufficient to run the required service (e.g. meeting schedules that may not require a fully charged bus)

- ii. Schedule Charging/Utility Tariff management: Ability to delay charging to charge during super off-peak times (ex. 12am to 6am), if desired. Each BEB will require about 2 - 5 hours to fully charge. This should allow adequate time for the buses to recharge completely in the super off-peak time for the initial deployment, where each BEB has a dedicated charger.

(Dynamically schedule charging across vehicles and chargers to (#1) reduce overall power demand; and (#2) ensure charge completion for all vehicles by a set pullout time for each vehicle, based on actual plug-in time).

- a) Reduce utility costs: by limiting total demand across all chargers to a specified limit by time of day, but with logic to override demand limits if buses will not be fully charged by a specific time of day, as well as using schedule management to minimize time-of-use rates (kWh costs)
- b) Utility tariff management: by integrating with utility meter to monitor and report utility energy consumption, in addition to managing rate structures while maintaining updates to tariffs as they occur
- c) Integration with microgrid control systems: must be capable of integrating with microgrid controller (solar, battery storage, CNG generator, etc.) to optimize on-site generation and storage assets with on-site charging systems either during a resiliency and/or peak shaving scenario

- iii. Troubleshooting/Maintenance/Support: Proactive remote diagnostics and fault reporting to enable troubleshooting of chargers and associated equipment, including text/email real-time alert notifications to specific cellular phone numbers when specific faults occur.

- a) Support procedures/Service Level Agreement (SLA) must meet existing charging equipment system warranties or better
 - 1 business day response time
 - 1 business day from parts arrival for on-site labor
- b) Respond/manage charging interruptions: Accommodate charging operations where bus charging sessions are interrupted due to either scheduled or unscheduled maintenance operations mid-charging, and need to be removed from charger
- c) System must remain functional during an internet or network outage (e.g. redundancy plan, failure modes)

- iv. Data Collection/Reporting:

- a) Charging session data including – charger/BEB ID, energy drawn from grid, energy delivered to vehicle, charge rate during session, etc.
- b) Reporting – monthly reports, real-time, diagnostic & faults etc.
- c) Provide alerts and fault codes for charger or BEB malfunctions through various communication channels (text, email, web-based management portal, etc.)

v. General Requirements:

- a) Accommodate/operate across different bus and charger types
- b) Different bus types & OEMs (e.g. 35', 40', 60' low floor & 45' commuter etc.)
- c) Different battery capacities, and types
- d) Different charging rates
- e) Different charging OEMs and models
- f) Commission Charge Management System (CMS) with all applicable charging equipment (power cabinets, pantographs, stand-alone units, etc.) with all bus manufacturer types
- g) Provide training to staff on user interface, modules, and functionality platform(s) of the CMS
- h) Capable to adapt to changes in charging, and communication standards between bus and chargers (any common practices surrounding communication and firmware)
- i) Compatible with Open Charge Point Protocol (OCPP) latest version (1.6 or greater)
- j) User-friendly interface that include dashboard for charger statuses (real-time rate of charge, power levels/load, utility meter data, bus information, report analysis, etc.), and layout, including visual representation of bus parking reflective of each MTS bus division
- k) Security protocols - levels of access, and back-end security firewall/s
- l) Software licensing that includes support for upgrades of proprietary platform updates with backward compatibility over the life of the contract/system. Contractor shall guarantee to actively support software furnished or provide suitable replacement software for not less than seven (7) years from date of final acceptance of commissioning the bus and charging system with software by MTS
- m) Contractor shall provide all necessary licenses to utilize the provided software system for up to a seven (7) year period
- n) Contractor has completed a Vendor Security Questionnaire and returned with the proposal

1.4. INVOICES/PAYMENT

Invoices must be sent to the MTS Accounting Department, via email, at 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.

Note: The quantities in Attachment 1 do not reflect guaranteed usage by MTS and may be more or less than indicated. Contractor will invoice based on the actual quantities.

MTS shall process the invoice for payment within thirty (30) days of the final invoice approval date. **Advanced Payment is Not Allowable.**

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.

CONTRACTOR NAME: BP PULSE FLEET**BASE YEAR #1 - South Bay Division - 2023**

Item Description	Est. Qty	UOM	Unit cost	Extended cost
bp pulse site controller (energy and CMS hardware)	1	each	\$ 14,000.00	\$ 14,000.00
One-time set up fee (ChargePoint API integration)	1	each	\$ -	\$ -
One-time setup fee (CMS commissioning per charger)	36	each	\$ 245.00	\$ 8,820.00
One-time setup fee (telematics configuration per vehicle)	25	each	\$ 245.00	\$ 6,125.00
Fees (omega CMS) (annually per charging port)	36	each	\$ 1,526.00	\$ 54,936.00
Total Year One				\$ 83,881.00

BASE YEAR #2 - Imperial Ave Division - 2024

Item Description	Est. Qty	UOM	Unit cost	Extended cost
bp pulse site controller (energy and CMS hardware)	1	each	\$ 14,000.00	\$ 14,000.00
One-time set up fee (Fleet Management API integrations)	1	each	\$ -	\$ -
One-time setup fee (CMS commissioning per charger)	30	each	\$ 245.00	\$ 7,350.00
One-time setup fee (telematics configuration per vehicle)	41	each	\$ 245.00	\$ 10,045.00
Fees (omega CMS) (annually per charging port)	66	each	\$ 1,526.00	\$ 100,716.00
Total Year Two				\$ 132,111.00

BASE YEAR #3 - Kearny Mesa Division- 2025

Item Description	Est. Qty	UOM	Unit cost	Extended cost
bp pulse site controller (energy and CMS hardware)	1	each	\$ 14,000.00	\$ 14,000.00
One-time set up fee (Fleet Management API integrations)	1	each	\$ -	\$ -
One-time setup fee (CMS commissioning per charger)	8	each	\$ 245.00	\$ 1,960.00
One-time setup fee (telematics configuration per vehicle)	8	each	\$ 245.00	\$ 1,960.00
Fees (omega CMS) (annually per charging port)	74	each	\$ 1,526.00	\$ 112,924.00
Total Year Three				\$ 130,844.00

BASE YEAR #4 - East County Division- 2026

Item Description	Est. Qty	UOM	Unit cost	Extended cost
bp pulse site controller (energy and CMS hardware)	1	each	\$ 14,000.00	\$ 14,000.00
One-time set up fee (Fleet Management API integrations)	1	each	\$ -	\$ -
One-time setup fee (CMS commissioning per charger)	22	each	\$ 245.00	\$ 5,390.00
One-time setup fee (telematics configuration per vehicle)	22	each	\$ 245.00	\$ 5,390.00
Fees (omega CMS) (annually per charging port)	96	each	\$ 1,526.00	\$ 146,496.00
Total Year Four				\$ 171,276.00

BASE YEAR #5 - 2027

Item Description	Est. Qty	UOM	Unit cost	Extended cost
One-time setup fee (CMS commissioning per charger)	54	each	\$ 250.64	\$ 13,534.29
One-time setup fee (telematics configuration per vehicle)	54	each	\$ 250.64	\$ 13,534.29
Fees (omega CMS) (annually per charging port)	150	each	\$ 1,561.10	\$ 234,164.70
Total Year Five				\$ 261,233.28

OPTION YEAR 1 (YEAR #6) - 2028				Att.C, AI 7, 03/16/23
Item Description	Est. Qty	UOM	Unit cost	Extended cost
One-time setup fee (CMS commissioning per charger)	27	each	\$ 256.40	\$ 6,922.79
One-time setup fee (telematics configuration per vehicle)	27	each	\$ 256.40	\$ 6,922.79
Fees (omega CMS) (annually per charging port)	177	each	\$ 1,597.00	\$ 282,669.58
Total Year Six				\$ 296,515.15
OPTION YEAR 2 (YEAR #7) - 2029				
Item Description	Est. Qty	UOM	Unit cost	Extended cost
One-time setup fee (CMS commissioning per charger)	15	each	\$ 262.30	\$ 3,934.45
One-time setup fee (telematics configuration per vehicle)	15	each	\$ 262.30	\$ 3,934.45
Fees (omega CMS) (annually per charging port)	192	each	\$ 1,633.73	\$ 313,676.99
Total Year Seven				\$ 321,545.90
MAY BE UTILIZED DURING ANY YEAR (*actual unit costs apply to schedule above based on contracted year)				
Item Description	Qty	UOM	*Unit cost	Extended cost
One-time setup fee (CMS commissioning per charger)	50	each	\$ 262.30	\$ 13,114.84
One-time setup fee (telematics configuration per vehicle)	50	each	\$ 262.30	\$ 13,114.84
50 charging port options... Fees (omega CMS) (annually per charging port)	50	each	\$ 1,633.73	\$ 81,686.72
Total 50 port options				\$ 107,916.40
Overall Cost Proposal for all 7 (Base + Options) years:				\$ 1,505,322.73

Fees: Proposers to insert additional lines as needed for any proposed fees. As part of the cost proposal submittal, proposers must provide a narrative detailing each fee, what is is, what it covers etc. The narrative must be detailed to provide MTS with enough information on what the fees are.

These quantities do not reflect guaranteed usage by MTS and may be more or less than indicated. Contractor will invoice based on the actual quantities.

Attachment 1 - Cost Proposal (Revised # 2 - 2/7/23) - COST DESCRIPTION

CONTRACTOR NAME: BP PULSE FLEET

BASE YEAR #1 - South Bay Division - 2023

	Item Description	Est. Qty	UOM	Unit cost	Extended cost
1					
2	bp pulse site controller (energy and CMS hardware)	1	each	\$ 14,000.00	\$ 14,000.00
3	One-time set up fee (ChargePoint API integration)	1	each	\$ -	\$ -
4	One-time setup fee (CMS commissioning per charger)	36	each	\$ 245.00	\$ 8,820.00
5	One-time setup fee (telematics configuration per vehicle)	25	each	\$ 245.00	\$ 6,125.00
6	Fees (omega CMS) (annually per charging port)	36	each	\$ 1,526.00	\$ 54,936.00
Total Year One					\$ 83,881.00

ACCOMPANYING COMMENTS

Overview	<p>bp pulse has carefully reviewed, evaluated and updated the scope of work and contracting term of 7 years, and is pleased to offer committed pricing for a total term duration of (7) years (ending on Jan 31st, 2030).</p> <p>Starting in Base Year #5, products and service costs will increase by today's (2023) CPI rate of 2.3% annually. For the 50 port options (starting on row #61), actual unit costs will apply to the year the ports are contracted. Currently- the pricing table reflects unit costs from Year #7 and would be modified or reduced based on contracted year. Also- there is no limitation of unit orders within any given year. For example, if SDMTS wishes contract and install all 4 site controllers in 2023- that would be completely acceptable and supported by bpp.</p> <p>Below, we provide some more description/background to our approach, and what's included for each line item.</p>
1	<p>bp pulse assumes that each of the first four base years (#1,#2,#3, #4) will include expansion of pantographs for overhead charging at each depot. For base years beyond #4, bp pulse assumes charger and BEB deployments will take place at one of the four yards that have existing site controllers and therefore, no additional site controller hardware is required. SDMTS may consider additional site controllers at each year for 2x redundancy however for operations, only 1 site controller is required for operations.</p>
2	<p>proprietary site controller to be located at the electrical main panel and will connect directly to a 15amp breaker for power, current transformers "CTs" installed around each of the three phases of power, network switches for hardwired communications with each Heliox charger, and dedicated cellular antenna to communicate directly with the bp pulse cloud (back office and OCPP). bp pulse has excluded the site controller installation and commissioning costs from the pricing schedule, per the direction of SDMTS. Site controller installation and commissioning cost is \$4,500 per unit for base years #1-#4. Starting in base year #5, the cost will be increased by the CPI rate of 2.3%</p>
3	<p>Integration of ChargePoint APIs, functionality of system, and operational compatibility have all been successfully completed during the pilot project. bp pulse has waived the NRE (non-recurring engineering) costs for the ChargePoint integration. SDMTS remains responsible for ChargePoint Network Licenses and other fees associated with operating this existing equipment. This line item is listed for each base year allowing for pricing to be determined at a later date for a Yard Management System, microgrid, etc. Currently, it is difficult to project a price for fleet management tool integration without discussion of scope and timeline with both MTS and the technology provider. As stated in the response letter- HASTUS and RMTS integrations will be covered by the 100 hrs of NRE at no charge.</p>
4	<p>Setup fee for every charging port (plug or pantograph) into omega system, including physical field end-to-end (E2E) testing of chargers. Starting in base year #5, the cost will be increased by the CPI rate of 2.3%</p>

5	Setup fee for each BEB's telematics into the omega system including real- time SOC, geo-fencing of vehicles, and vehicle recognition of mac ID. Starting in base year #5, the cost will be increased by the CPI rate of 2.3% <i>*We acknowledge that SDMTS will have 25 BEBs in operation for Base Year 1. The assumption is the bus count will match the charger port (plug-in and/or pantograph) count evenly by Base Year #2. If this is not accurate, we will update the cost proposal upon receiving guidance on BEB count from SDMTS</i>
6	Annual license fee (SaaS: OMEGA- HD-1) charged on a per charger port basis (CCS1 plug, pantograph, etc.) has been discounted from \$2,180/charger port/year to \$1,526/charger port/year. Starting in base year #5, the cost will be increased by the CPI rate of 2.3%
	UPDATED (01/31/23): bp pulse's elevate "hassle- free maintenance" included as an option for all new charging ports/ pantographs. The 12 existing ChargePoint chargers are excluded from this offering. elevate HFM is available as long as the charger and pantograph are under warranty and are accompanied by a mfg. provided Service Level Agreement (SLA). The current pricing schedule assumes that all chargers and pantographs will be under warranty w/ an accompanying SLA for the duration of the contract, which may or not be available beyond 5 years. Starting in base year #5, the cost will be increased by the CPI rate of 2.3%
<i>*Installation and commissioning costs for the site controller are excluded from this scope</i>	
	site controller to be installed by C-10 electrician with EVITP certification under prevailing wages. If union labor is required, bp pulse will make an adjustment to the estimated pricing. Each site controller is estimated to take 1 business day to install and will require shutting down the power at the electrical switchgear from approximately 2-4 hrs. No building permit or SDG&E coordination is included in this scope. bp pulse plans on replicating the same process it performed to install the site controller during the pilot project. For IAD- a new site controller will be installed and the old one will be removed. bp pulse released its latest site controller in Oct 2022. All installation work will be under a separate contract.
	(i) we have corrected an error in the number of licenses estimated annually in our Cost Proposal, and the number of licenses estimated now matches the number provided by SDMTS in the original proposal. (ii) we have corrected an omission from our "Cost Proposal (Revised 10/25/22)" in that we omitted the commissioning one-time fees for new chargers and buses added in the later years – per the number of estimated licenses provided by SDMTS in the original proposal.



DRAFT FOR EXECUTIVE COMMITTEE REVIEW DATE: 3/9/2023

Agenda Item No. 8

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

March 16, 2023

SUBJECT:

SAP Punchout Catalog for Office Supplies – Piggyback Contract

RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute MTS Doc. No. G2713.0-23 (in substantially the same format as Attachment A) with ODP Business Solutions, Inc. (ODP) for a base period of April 1, 2023 through December 31, 2024 and three (3) option years for SAP punchout catalog for office supply purchases for a total contract amount of \$600,000.

Budget Impact

The total cost of this contract is estimated to be \$600,000.00 (\$225,000 for the base years and \$375,000 for the option years). The project will be funded through Operating Budget 575130 – Office Supplies.

DISCUSSION:

MTS has been utilizing a punchout catalog in SAP for buying office supplies since 2018. This punchout catalog has capability for office supply purchase requisitions (PRs) from going to the Procurement Department to buy office supplies, yet provides visibility and an approval process through SAP, thereby streamlining the procurement of these supplies.

The approved users, through the SAP application, will create a shopping cart of approved items and check out on the ODP website. The checkout process creates a Purchase Requisition that will go to an MTS approver in SAP. Once approved, the order will go directly to Office Depot, making the office supply purchase process much more efficient.

FTA Circular 4220.1F, Chapter V, Section 4, encourages federal grant recipients to use state and local government purchasing schedules, or contracts for procurements of property or services. MTS seeks to utilize the Master Agreement (MA# PO-10700-00012990) led by the State of Oregon for Office Supplies, which was awarded through a competitive procurement. MTS will sign a Participating Addendum with ODP to purchase office supplies through SAP



punchout catalog. The executed Participating Addendum between ODP and MTS will be sent to the National Association of State Procurement Officials (NASPO) office in Sacramento to be on the files as a participant for the State of California.

Therefore, staff recommends that the MTS Board of Directors authorize the CEO to execute MTS Doc. No. G2713.0-23 (in substantially the same format as Attachment A) with ODP Business Solutions, Inc. for a base period of April 1, 2023 through December 31, 2024 and three (3) option years for SAP punchout catalog for office supply purchases.

/s/ Sharon Cooney

Sharon Cooney
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, Julia.Tuer@sdmts.com

Attachment: A. Draft MTS Doc. No. G2713.0-23



**Metropolitan
Transit
System**

**STANDARD AGREEMENT
FOR
MTS DOC. NO. G2713.0-23**

THIS AGREEMENT is entered into this _____ day of _____, 2023 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: ODP Business Solutions, LLC Address: 6600 N. Military Trail
Boca Raton FL 33496
 Form of Business: LLC City State Zip
 (Corporation, Partnership, Sole Proprietor, etc.) Email: jennifer.jimenez@officedepot.com
 Telephone: 408-603-9011

Authorized person to sign contracts Sharalyn Somers Vice President
 Name Title

SAP Punchout Catalog for Office Supplies as specified in the State of Oregon Master Agreement number PO-10700-00012990, the Participating Addendum (attached as Exhibit A) and the approval letter from the State of California to participate in the NASPO ValuePoint Cooperative Purchase Organization Contract for Office Supplies administered by the State of California is attached (attached is Exhibit B).

The contract term base period shall be from April 1, 2023 through December 31, 2024 and three (3) option years, exercisable at MTS's sole discretion.

Payment terms shall be net 30 days from invoice date. The total cost of this contract shall not exceed \$225,000.00 for the base years and \$375,000.00 for the option years, for a contract total not to exceed \$600,000.00 without the express written consent of MTS.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	ODP BUSINESS SOLUTIONS, LLC
By: _____ Sharon Cooney, Chief Executive Officer	By _____
Approved as to form:	
By: _____ Karen Landers, General Counsel	Title: _____





DRAFT FOR EXECUTIVE COMMITTEE REVIEW DATE: 03/09/23

Agenda Item No. 9

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

March 16, 2023

SUBJECT:

115 Re Head Hardened Steel Rail – Contract Award

RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to:

- 1) Execute MTS Doc. No. L1628.0-23 (in substantially the same format as Attachment A) with A&K Railroad Materials, Inc. (A&K), for the provision of 212 tons of 115 RE Head Hardened Steel Rail at a cost of \$506,929.57 plus an option for the purchase of an additional 106 tons of 115 RE Head Hardened Steel Rail in 2024/2025 at a cost of \$285,890.42, for an overall estimated contract total of \$792,820.00; and
- 2) Exercise the option purchase at the CEO's discretion.

Budget Impact

The total cost of this contract is estimated to be \$792,820.00. (Attachment C). The project will be funded by Operating Budget 370016 - 545500 – Equipment Maintenance Supplies.

DISCUSSION:

This contract will procure MTS's anticipated need for steel rail to have on hand for as-needed repair projects and the scheduled rail replacement projects in the Capital Improvement Program (CIP) for FY 2023-2025. This procurement allows MTS to have steel rail crossings replaced promptly and avoid any project delays due to supply chain issues.

On December 12, 2022, MTS issued an Invitation for Bids (IFB) seeking a contractor to provide 115 RE head hardened steel rail. A single bid was received by the deadline of January 12, 2023, from A&K in the amount of \$808,501.72. The bid meets federal Buy America Act requirements for steel purchases.



To ascertain that the solicitation was not restrictive, MTS contacted all the firms that had downloaded the IFB on PlanetBids or had expressed interest, and asked for their reasons for not submitting a bid. The results indicated they did not submit a bid due to their own internal business reasons. Therefore, MTS determined that competition was adequate, neither the IFB nor MTS's procurement processes played a role in their decision not to propose, and staff proceeded with this as a competitive solicitation.

MTS performed a cost/price analysis by comparing MTS's Independent Cost Estimate (ICE) at \$450,628.35 (inclusive of shipping and taxes) which is approximately 79.41% lower than A&K's initial bid.

Under a single bid, negotiations with the single bidder is permissible. On January 26, 2023, MTS requested for A&K to review its costs and submit a revised bid. In response, A&K submitted a revised bid at \$792,820.00.

MTS staff conducted further cost/price analysis due to the variance between the revised bid and ICE. Staff contacted peer transit agencies and other customers to identify more recent transactions trends. Over the past several months, prices have increased substantially and the latest A&K bid reflected a lower price per ton cost than two of the most recent purchases MTS identified from its peers. Due to supply chain issues and inflation, and incorporating the most current economic environment, MTS determined that the initial and revised bid was fair and reasonable as indicated below:

A&K Initial Bid	A&K Revised Bid
\$808,501.72	\$792,820.00

In addition, and as a result of staff negotiations, the agency was able to realize a savings of \$15,681.72.

Therefore, staff recommends that the MTS Board of Directors authorize the CEO:

- 1) Execute MTS Doc. No. L1628.0-23 (in substantially the same format as Attachment A) with A&K, for the provision of 212 tons of 115 RE Head Hardened Steel Rail at a cost of \$506,929.57; and
- 2) Authorize the CEO to exercise an option for an additional 106 tons of 115 RE Head Hardened Steel Rail in 2024/2025 at a cost of \$285,890.42, for an overall estimated contract total of \$792,820.00.

/s/ Sharon Cooney

Sharon Cooney
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, Julia.Tuer@sdmts.com

Attachments: A. Draft Agreement, MTS Doc. No. L1628.0-23
B. Scope of Work
C. Cost Form



Metropolitan Transit System

STANDARD AGREEMENT FOR MTS DOC. NO. L1628.0-23

PROCUREMENT OF 115RE HEAD HARDENED STEEL RAIL

THIS AGREEMENT is entered into this _____ day of _____, 2023 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: A&K Railroad Materials, Inc. Address: PO Box 30076
Salt Lake City UT 84130
 City State Zip
 Form of Business: S Corporation
 (Corporation, Partnership, Sole Proprietor, etc.) Email: thoyt@akrailroad.com
 Telephone: 801-977-6337

Authorized person to sign
contracts

Jim Huenefeldt
Name

Executive Vice President, Sales
Title

The Contractor agrees to provide goods as specified in the conformed Scope of Work/Minimum Technical Specification (Exhibit A), Contractor's Bid/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 effective March 27, 2023. First delivery of 212 Tons of steel rail shall be within an estimated ninety (90) calendar days after MTS issues the Notice to Proceed. Option for a second delivery of 106 Tons of steel rail for 2024 or 2025 delivery. This option is exercisable at MTS's sole discretion and shall be contingent upon funding availability.

Payment terms shall be net 30 days from invoice date. The total cost of this contract shall not exceed \$792,820.00 without the express written consent of MTS.

SAN DIEGO METROPOLITAN TRANSIT SYSTEM	A&K RAILROAD MATERIALS, INC.
By: <u>Sharon Cooney, Chief Executive Officer</u>	By _____
Approved as to form:	
By: <u>Karen Landers, General Counsel</u>	Title: _____



1. SCOPE OF WORK/TECHNICAL SPECIFICATIONS

1.1. GENERAL

Contractor shall provide one (1) delivery of 212 Tons of 115RE head hardened steel rail in 80-ft lengths with 10% shorts, plus an option for an additional 106 Tons of steel rail.

First delivery of 212 Tons of steel rail shall be within an estimated ninety (90) calendar days after MTS issues the Notice to Proceed.

Contractor shall provide option pricing for a second delivery of 106 Tons of 115RE head hardened steel rail in 80-ft lengths with 10% shorts for 2024 or 2025 delivery. This option is exercisable at MTS's sole discretion and shall be contingent upon funding availability.

This section includes specifications for the manufacturing, testing, fabricating, shipping, and unloading of steel rail as specified herein.

1.2. REFERENCES

This section incorporates by reference the latest revisions of the following documents:

- A. The American Railway Engineering and Maintenance-of-Way Association (AREMA)
 - i. AREMA Manual for Railway Engineering (AREMA Manual)
 - ii. Portfolio of Trackwork Plans
 - iii. Specifications for Special Trackwork
- B. Association of American Railroads (AAR)
 - i. AAR: Manual of Standards and Rec. Practices
- C. ASTM International
 - i. ASTM A578/A578M Standard Specification for Straight-Beam Ultrasonic Examination of Rolled Steel Plates for Special Application
 - ii. ASTM E10 Standard Test Method for Brinell Hardness of Metallic Materials
 - iii. ASTM E164 Standard Practice for Contact Ultrasonic Testing of Weldments
- D. American Welding Society (AWS)
 - i. AWS B2.1: Standards for Welding Procedures and Performance Qualifications
 - ii. AWS D1.1: Structural Welding Code

1.3. SUBMITTALS

Contractor shall submit the following information below at least two (2) weeks after MTS issues the Notice to Proceed:

- A. Product Data: Submit the following product data for each rail section:
 - i. Steel manufacturing process

- ii. Hydrogen elimination process
 - iii. Heat treatment process, as applicable
 - iv. Alloy rail chemical composition
 - v. Production records and production test results. These records and test results shall be provided at the time of shipment of associated rails.
- B. Submit Test Program Plan and test results as required under the program.
- C. Mill Certificates: Submit mill certifications complete with the following data with each shipment:
 - i. Rail section and type
 - ii. Heat number
 - iii. Number of pieces in each heat
 - iv. Chemical analysis
 - v. Brinell hardness readings
 - vi. Macroetch test results
 - vii. Ultrasound test results
- D. Method for hydrogen elimination.
- E. Method for head hardening premium rail.
- F. Description of the ultrasonic testing procedures, and certifications for the testing personnel. Hard copy results for rails with reject able discontinuities.
- G. Method of identifying the rail.
- H. Method of handling, loading, shipping, unloading and stockpiling the running rail not later than 30 days before shipment. Include working drawings showing the rail stocking arrangement.
- I. Ultrasonic Technician qualification certification for the individuals actually conducting the testing at least 30 days before the commencement of the in-plant inspection.

1.4. QUALITY ASSURANCE

- A. Develop and maintain a quality control program regulating methods, procedures, and processes to ensure compliance with standards of quality as specified herein.
- B. Test Program Plan
 - i. Provide a test program plan including a product flow chart identifying the approach for accomplishing each of the specified rail inspections and tests. Make available at rail mill a detailed narrative for each test and inspection describing the test set-up; equipment and instrumentation used; procedure implemented; and the anticipated, as well as acceptable, test results. Include drawings showing the relationship of the rail and significant components of the

test equipment, as necessary, to describe the test set-up and procedure. Include in the test program plan the test sequencing.

- ii. Include key equipment specifications and calibration methods as requested for testing equipment used to perform rail testing and inspection in the test program plan. Indicate the calibration certificates to be submitted with the test reports.
- iii. Include the identity and qualifications of personnel who performs rail testing and inspection and certification records for personnel who perform nondestructive testing.
- iv. Include a description list of the testing facilities.
- v. Include the proposed format for reporting test data.
- vi. Include the projected schedule for submittals of test procedures, test executions, and test results reports.
- vii. After approval of the test program plan, have proposed changes approved by the contractor QC or its designee before implementing the change.
- viii. Perform tests and analyses specified in Chapter 4, Part 2, of the AREMA Manual and submit the results in accordance with this Section.

C. Testing Facilities – Perform rail inspection and testing at the rail mill using qualified manufacturer's personnel. The rail mill will use the equipment for the rail testing and inspection described herein. Rail testing and inspection equipment, and personnel, will be subject to approval by the contractor QC or its designee. The contractor QC or its designee, or an independent witness designated by the contractor QC or its designee, will monitor the operations at the rail plant to ensure that the inspections and tests are being performed in accordance with accepted procedures and in compliance with these Specifications.

D. Qualification of Testing Personnel

- i. Use personnel performing tests and inspections who are qualified for such Work by virtue of previous experience or training.
- ii. Use personnel performing nondestructive testing who are qualified and certified in accordance with the American Society for Nondestructive Testing Recommended Practice No. SNT-TC-1A. Only persons certified for NDT Level I, and Working under a NDT Level II person or persons certified for NDT Level II, may perform nondestructive testing.

E. Testing Equipment – Use testing equipment that is in good operating condition, of adequate capacity and range, and accurately calibrated, that is calibrated, certified and traceable to recognized national standards such as the National Institute of Standards and Technology. Calibrate testing equipment in accordance with the accepted Quality Assurance Plan.

F. Test Report

- i. The rail mill's standard, computer-generated, test reports may be used upon review and acceptance by the contractor QC or its designee. Supplemental reports may be required by the contractor QC or its designee, to provide additional information. Submittal list shows requirements.
- ii. MTS Notification – Notify MTS and contractor QC or their designee in writing not less than five Working days in advance of dates scheduled for any tests or inspections. MTS and contractor QC or their designee retains the right to witness the tests.
- iii. Whether or not the Engineer inspects or tests any materials, the Contractor shall not be relieved from any responsibility regarding defects or other failures to meet the Contract requirements, nor shall such inspection or testing by the Engineer be considered as a guarantee of acceptance of any material that may be delivered later.

G. Tolerances

- i. Manufacturing tolerances and Dimensions to conform to the AREMA Manual "Specifications for Steel Rails".
- ii. Workmanship to conform to AREMA Manual, Chapter 4, Section 2.1.13, "Workmanship."

1.5. PRODUCTS

- i. 115RE rail where specified shall be high strength head hardened steel rail conforming to AREMA Volume 1, Chapter 4, Section 2.1, Specifications for Steel Rails.
- ii. Furnish rails with blank ends in 80-ft lengths with 10% shorts unless otherwise noted.

1.6. EXECUTION

A. Manufacture:

- i. Conform to AREMA Manual, Chapter 4, Section 2.1.2, "Manufacture."
- ii. Conform to AREMA Manual, Chapter 4, Section 2.1.7, "Hydrogen Elimination."

B. Rail cutting and end preparation:

- i. Rails used for electric-flash butt welds shall have their ends saw-cut or abrasive disc-cut clean and square by means of accepted equipment.
- ii. Torch cutting of rail is prohibited.
- iii. The head and base of the rail for a length of approximately six inches from welding end shall have mill scale removed down to bright metal.
- iv. All burrs shall be removed from the area where the welding current carrying electrodes contact on the head and base of the rail.
- v. Holes will not be permitted in the rail, except as approved by the Engineer.

C. Testing:

- i. Brinell Hardness Test - Perform in accordance with AREMA Manual, Chapter 4, Section 2.1.3.2, "Surface Hardness" and 2.1.3.3, "Internal Hardness of High Strength Rail."
- ii. Ultrasonic Testing - Determine the internal condition of the rails by nondestructive testing in accordance with AREMA Manual, Chapter 4, Section 2.1.8, "Ultrasonic Testing."
- iii. Manual ultrasonic testing - In accordance with AREMA Manual Chapter 4, Section 2.1.17.2, "Manual Ultrasonic Testing."
- iv. Tensile Test – Perform in accordance with AREMA Manual Chapter 4, Section 2.1.3.4, "Tensile Properties."
- v. Brinell Hardness Test – Perform in accordance with Per AREMA Manual Chapter 4, Section 2.1.3.3, "Internal Hardness of High-Strength Rail."
- vi. Macroetch Test - Perform in accordance with AREMA Manual Chapter 4, Section 2.1.9, "Interior Condition/Macroetch Standards."
- vii. Defective Rail - Rework, retreat, cut-back or reject rails failing to meet the requirements of these Specifications in accordance with the AREMA Manual.

1.7. MEASUREMENT AND INVOICE PAYMENT

- A. Measurement of acceptable materials shall be by the actual number of tons manufactured and delivered in accordance with the specifications.
- B. Payment shall be made for each ton of rail delivered and accepted in accordance with the specifications, in the amount bid for each type furnished.
- C. Material not meeting the requirements of the specifications will be rejected. Rejected material shall be returned to the vender at his expense.
- D. MTS shall process the invoice for payment within thirty (30) days of the final invoice approval date. Invoices must be sent to the MTS Accounting Department, via email, at ap@sdmts.com, including along with supporting delivery receipts. 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.
- E. Contractors must also indicate if any of the invoiced amount is for work provided by a subcontractor and indicated the amount that will be paid to the subcontractor. Contractors must also comply with the prompt payment requirements in the Prompt Progress Payments of the Standard Conditions.

1.8. WARRANTY

Bidders shall outline in detail their warranty on the equipment offered, including the method of adjustment in cases of equipment, component or parts failure. Warranty shall also be stated for installation labor, materials, and method of adjustment.

1.9. REPLACEMENT PARTS

Replacement parts and technical support for the specified equipment must be guaranteed by the manufacturer; to be available for a ten (10) year period from the date of purchase. Manufacturer shall keep parts books and maintenance manuals up-to-date for that period.

1.10. DELIVERY AND ACCEPTANCE

The delivery of 2012 Tons of steel rail shall be within an estimated ninety (90) calendar days after MTS issues the Notice to Proceed. MTS Project Manager will reach out to the contractor prior to shipment.

Delivery shall be in accordance with AREMA Paragraph 2.1.16 and the following:

Contractor may choose either rail or truck option to make their delivery. All deliveries should meet the instructions shown in the scope of work. Total delivery cost (if any is charged) should be included in the bid form.

MTS will be responsible for hiring a separate contractor to unload. Contractor is responsible for all other shipping/delivery costs.

If delivering by rail, Contractor will contact their connecting railroad, and ask for a rate to San Diego on the BNSF for delivery to the San Diego & Imperial Valley Railroad (SDIY). The rail car will need to be routed from point of origin to BNSF/San Diego/SDIY for delivery. SDIY will deliver the car to MTS Track S13.

If delivering by truck, the delivery location shall be at north of Sigsbee Street on the Blue Line at 1699 Main Street, San Diego, CA 92113.

Because of all the coordination involved, the Contractor shall notify the San Diego Trolley five (5) calendar days prior to delivery of the rail to allow unloading by MTS.

The deliverable provided under this contract shall be delivered F.O.B. to the addresses above unless otherwise specified, 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 shall indicate delivery date on the Bid Form unless already specified, in which case, shall be made within the time set forth. Delivery is part of the consideration and must be adhered to as specified.

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, MTS will acknowledge receipt of said items or products. Delivery shall not constitute acceptance. Upon inspection and testing (if necessary) by MTS, a determination will be made whether said items or products are in conformance with contract requirements. If found in conformance, MTS shall 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 or products (at the discretion of MTS), and resubmit for inspection and testing (if necessary).

1.11. INVOICES

Invoices must be sent to the MTS Accounting Department, via email, at 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.

Payment terms shall be net 30 days from invoice date.

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.

L1628.0-23

Procurement of 115 RE Head Hardened Steel Rail

ATT 1 - Bid Form

A&K Railroad Materials, Inc.

First delivery

of 212 Tons of steel rail shall be within an estimated ninety (90) calendar days after MTS issues the Notice to Proceed.

Would you be able to meet this timeline?

Yes?

No?

90 DAY DELIVERY

Description

Quantity
(Unit of Measure Tons)

*Unit Cost

*Extended Cost

115RE Head Hardened Steel Rail

212

\$ 2,219.19

\$ 470,468.28

Total Delivery Cost (If applicable)

\$ -

Total

\$ 470,468.28

Option

shall be exercised at MTS discretion.
(2024 or 2025)

Would you be able to meet this timeline?

Yes?

No?

YesN/A

Description

Quantity
(Unit of Measure Tons)

*Unit Cost

*Extended Cost

115RE Head Hardened Steel Rail

106

\$ 2,503.09

\$ 265,327.54

Total Delivery Cost (If applicable)

\$ -

Total

\$ 265,327.54

Overall total (Basis for Award)

\$ 735,795.82

*Costs shall be firm fixed, all-inclusive with the exception of California sales tax. MTS will calculate sales tax at purchase order issuance. Other than the CA sales tax, MTS will not pay any other additional costs.

If delivering by rail, the rail car will need to be routed from point of origin to BNSF/San Diego/SDIY for delivery. SDIY will deliver the car to MTS Track S13.

If delivering by truck, the delivery location shall be at north of Sigsbee Street on the Blue Line at 1699 Main Street, San Diego, CA 92113.

First Delivery		
Overall total	\$	470,468.28
Taxes	\$	36,461.29
Overall Total	\$	506,929.57
Option		
Overall total	\$	265,327.54
Taxes	\$	20,562.88
Overall Total	\$	285,890.42
Overall Total (Board Approval)		\$ 792,820.00



DRAFT FOR EXECUTIVE COMMITTEE REVIEW DATE: 3/9/2023

Agenda Item No. 10

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

March 16, 2023

SUBJECT:

Blue Line Right-Of-Way Fencing Repairs – Work Order Agreement

RECOMMENDATION:

That the San Diego Metropolitan System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute Work Order MTSJOC347-09 under Job Order Contract (JOC) to MTS Doc. No. PWG347.0-22 (in substantially the same format as Attachment A), with ABC General Contractor, Inc. (ABCGC), in the amount of \$301,035.56 for the removal and replacement of chain link fence sections along the Blue Line right-of-way.

Budget Impact

The total cost for this contract is estimated to be \$301,035.56. 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 \$5,870.19. This project is funded by the Facilities Operations Budget 380016-536300.

DISCUSSION:

MTS has a chain link fence along sections of the Blue Line right-of-way that is at the end of its useful service life and needs to be removed and replaced. This project generally consists of replacing approximately 2,000 linear feet of existing fence and two double gates along the Blue Line right-of-way in Southeast and South bay San Diego. This project will result in improved security along the Blue Line at the following locations:

Location	Chain Link Fence (LF)	Fence Gate Replacement (EA)
Near K St and Maxim St	180	1
K St Substation to 43rd St	850	0
Near Greenwood Cemetery	760	0
Elm Ave near Hollister St	30	1
Elm Ave near Harris Ave	100	0



On April 12, 2019, MTS issued an Invitation for Bids (IFB) seeking a contractor to provide on-call JOC General Civil Construction services that primarily consists of repair, remodeling, or other repetitive work for general civil and site improvements, including earthwork, utilities, paving, concrete, drainage, landscaping mitigation, site clearing, and all 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 catalogue 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 catalogue. Each contractor then includes an adjustment factor, escalating their proposed price from the catalogue price, to determine the total cost of the task order. The adjustment factor represents an average percentage increase over the catalogue price (i.e. 1.25 adjustment factor represents 25% above the catalogue 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 ABCGC was the lowest responsive and responsible bidder. On June 13, 2019, the MTS Board of Directors authorized the CEO to execute MTS Doc. No. PWG347.0-22 with ABCGC for Civil Construction Services.

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. For this work order, ABCGC has identified FenceCorp as its subcontractor (as shown in Exhibit C of Attachment B), and work is expected to be completed by July 2023.

Therefore, staff recommends that the MTS Board of Directors authorize the CEO to execute Work Order MTSJOC347-09 under Job Order Contract (JOC) to MTS Doc. No. PWG347.0-22 (in substantially the same format as Attachment A), with ABC General Contractor, Inc. (ABCGC), in the amount of \$301,035.56 for the Blue Line right-of-way fencing repairs.

/s/ Sharon Cooney
Sharon Cooney
Chief Executive Officer

Key Staff Contact: Julia Tuer, 619.557.4515, Julia.Tuer@sdmts.com

Attachments: A. Draft Work Order MTSJOC347-09
B. Scope of Work



Metropolitan Transit System

JOB ORDER CONTRACT WORK ORDER

PWG347.0-22
CONTRACT NUMBER

MTSJOC347-09
WORK ORDER NUMBER

THIS AGREEMENT is entered into this _____ day of _____, 2023, 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: 619.937.1010

Authorized person to sign contracts: Travis Brozowski President
Name Title

Pursuant to the existing Job Order Contract (MTS Doc. No. PWG347.0-22), 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 \$301,035.56

<u>SAN DIEGO METROPOLITAN TRANSIT SYSTEM</u>	<u>ABC GENERAL CONTRACTOR, INC.</u>
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)

EXHIBIT B (Cost Breakdown)

EXHIBIT C
(Subcontractor Listing)



San Diego Metropolitan Transit System

1255 Imperial Ave
San Diego, California 92101

Final Scope of Work

Date: 3/1/2023

Job Order Contracting

To:	From:
Contract No:	PWG347.0-22
Job Order No:	MTSJOC347-09
Job Order Title:	Trolley Fencing Repairs
Location:	Blue Line ROW 1255 Imperial Ave San Diego, CA 92101
Brief Scope of Work:	This project is for right-of-way trolley fence line repairs at various locations and will consist of the removal and replacement of approximately 2,000 LF of existing chain link fence and 1 each double gate along the MTS right-of-way on the Blue Line and Orange Line.

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

See attachments.

Owner Project Manager

Date

SCOPE OF WORK/MINIMUM TECHNICAL SPECIFICATIONS

SECTION 1-1 GENERAL

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

This project is for right-of-way trolley fence line repairs at various locations and will consist of the removal and replacement of approximately 2,000 LF of existing chain link fence and 1 each double gate along the MTS right-of-way on the Blue Line and Orange Line. Refer to the following details, attached exhibit, and reference drawings.

SECTION 1-2 STAGING

Contractor is to keep all materials and equipment within the work area as possible during construction activities. Any further staging would have to be coordinated with the MTS Project Manager. All material onsite is the responsibility of the contractor and MTS shall not be held liable for any and all equipment, material, tools, etc.

SECTION 1-3 TEMP FACILITIES

The contractor is responsible to provide temporary restroom facilities throughout the duration of construction. Contractor is responsible for temp power and water.

SECTION 1-4 WASTE

The contractor is responsible for legally disposing of any and all waste in relation to the work. The contractor shall be responsible for properly disposing all removed materials and old equipment as specified herein. Contractor is responsible for general cleanup at the end of each work day.

SECTION 1-5 SCHEDULE AND SEQUENCING

All work shall be completed within ninety (90) 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 1-6 SCOPE OF WORK

The contactor shall:

- Segment #1: Near K St and Maxim St
Remove and replace 180 LF of chain link fence at Maxim St and K Street to substation gate.
- Segment #2: K St Substation to 43rd St
Remove and replace 850 LF of chain link fence west of substation to intersection of K St and 43rd St.
- Segment #3: 41st St and J St
Remove from scope.
- Segment #4: Greenwood West
Remove and replace 100 LF of chain link fence. Start at tipped fence and replace eastward. Area requires additional clearing and grubbing. Install plastic mesh temporary safety fence during construction activities.
- Segment #5: Near Greenwood Mausoleum
Remove and replace 480 LF of chain link fence. Start at tipped fence and replace eastward. Replace slatted fence sections with non-slatted chain link. Install plastic mesh temporary safety fence during construction activities.
- Segments #6 and #7: Greenwood East
Remove and replace 180 LF of chain link fence. Start at cut fence opening and replace eastward. Install plastic mesh temporary safety fence during construction activities.
- Segment #8: Massachusetts Ave and Main St
Remove from scope.
- Segment #9: Main St East of Substation
Remove from scope.
- Segment #10: Near 2040 Main St
Remove from scope.
- Segment #11: Elm Ave near Hollister Street
Remove and replace 30 LF of chain link fence and 1 each, 24' double swing gate per SDRSD M-05. Chain link fence and gate fabric shall be 1" diamond size.
- Segment #12: Elm Ave near Harris Ave
Remove and replace 100 LF of chain link fence. Chain link fence fabric shall be 1" diamond size.

- Segment #13: Palomar Blvd and Industrial Blvd
Remove from scope.
- Segment #14: Industrial Blvd at Pedestrian Gate
Remove from scope.

Install all new fence and gate per SDRSD M-05 and M-06. Unless otherwise specified, all new chain link fence shall be galvanized 9 gauge, 2" diamond fabric with a twist or barb selvage top edge. Installation shall include top horizontal rail, concrete posts, and footings. Contractor shall replace all existing fence to the same height as existing. Existing posts shall be cut flush at ground level and abandoned in place.

SECTION 1-7 TRAFFIC CONTROL

Contractor is responsible for all traffic control, if necessary.

SECTION 1-8 FLAGGING

The contractor shall request flaggers from MTS/SD trolley, a minimum of three business days in advance of any work activity that has a potential to foul the tracks.

SECTION 1-9 RAILROAD WORKER SAFETY TRAINING

All Contractor employees or representatives shall be trained through the MTS Railroad Worker Safety Training Program prior to the work. Contractor to coordinate scheduled training with MTS Project Manager in advance.

SECTION 1-10 EXISTING UTILITIES

Contractor is to locate and protect in-place all existing utilities. The contractor shall notify the Engineer and Underground Service Alert (USA) (800) 422-4133 at least two working days, but not more than 14 calendar days, prior to performing any excavation or other work close to any underground pipeline, conduit, wire or other structure.

If the MTS Engineer and/or contractor determine that additional survey of utilities is needed, the contractor shall coordinate with MTS personnel in order to have said facilities located and marked out by Cable, Pipe & Leak Detection (CPL) (619) 660-0844, or other approved utility locating subcontractor familiar with MTS facilities. All coordination and costs associated with (CPL) shall be provided by the contractor. If the Contractor cannot protect in-place existing utilities, the Contractor shall replace any damaged or removed facilities in a timely manner as to not allow for extended delays to the trolley services. If the services are subject to extended delays, the contractor shall notify MTS prior to the expiring of the original scheduled work time.

Where such facilities are not located on the plans, no work shall be performed near said facilities until the owner, or their representative, has located the facility by potholing, probing, or other means that locate and identify the facility.

SECTION 1-11 BUY AMERICA

This project is federally funded and therefore must meet the latest Build America, Buy America (BABA) requirements. BABA provisions apply to MTS federally funded projects. The contractor shall submit any and all manufacturer's certificates of compliance for BABA for all iron or steel, manufactured products or construction materials, including iron, steel, non-ferrous metals, glass, lumber, and drywall. Cement and cementitious materials, aggregates such as stone, sand, or gravel, or aggregate binding agents or additives are excluded from the requirement.

SECTION 1-12 SUBMITTALS

The contractor shall submit the following for review and approval prior to commencement of the work:

- Typical Fence Elevation
- Concrete Mix Design for Fence Post Footings
- Chain Link Fence Product Data including all Fittings, Hardware, Posts, and Railing
- Manufacturer's Buy America Certificates of Compliance for Chain Link Fence Fabric, Fittings, Hardware, Posts, and Railing

Attachments:

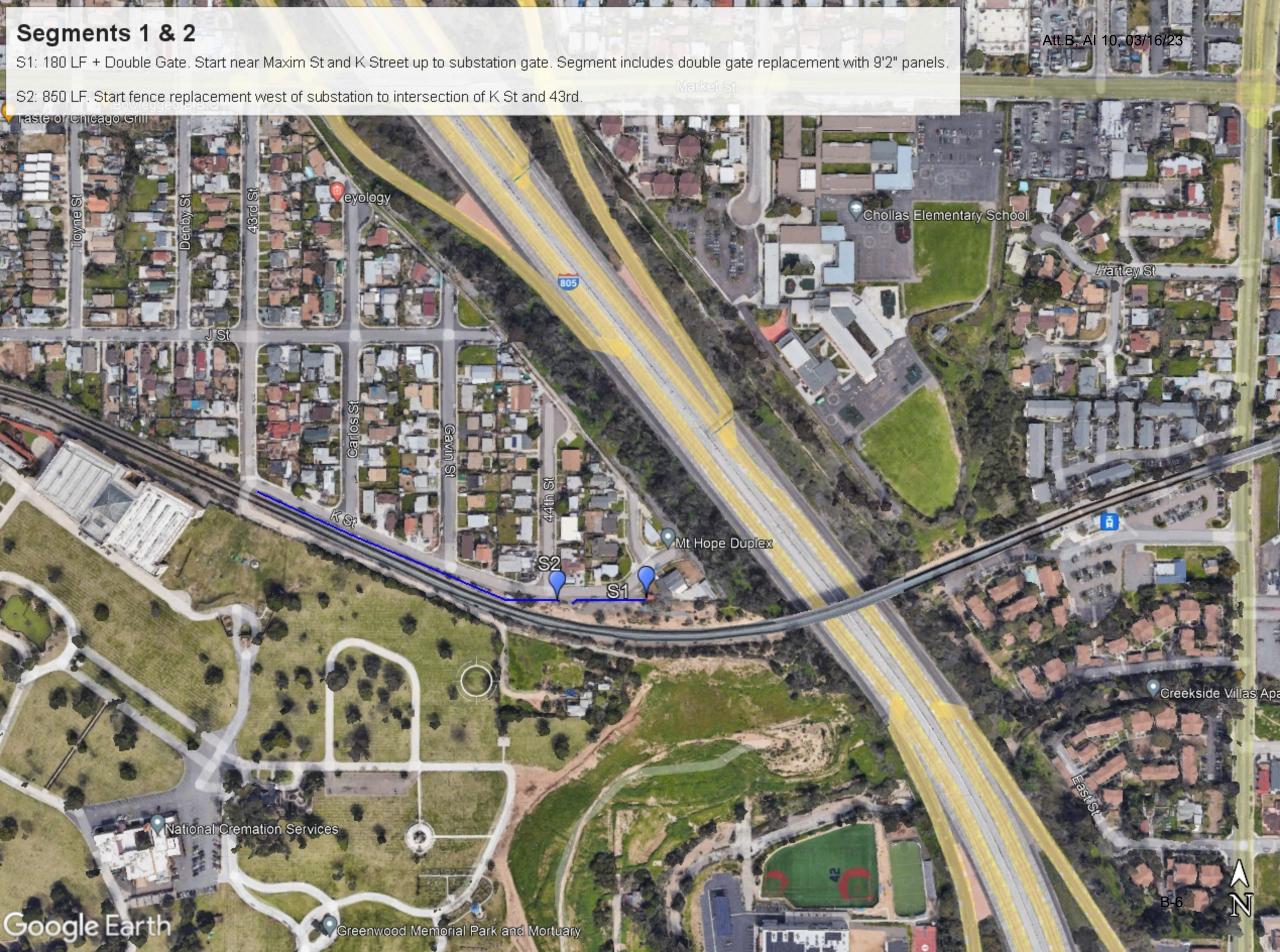
- Trolley Fence Repair Segment Map Locations
- San Diego Regional Standard Drawing SDRSD M-05
- San Diego Regional Standard Drawing SDRSD M-06

Segments 1 & 2

Att.B, AI 10, 03/16/23

S1: 180 LF + Double Gate. Start near Maxim St and K Street up to substation gate. Segment includes double gate replacement with 9'2" panels.

S2: 850 LF. Start fence replacement west of substation to intersection of K St and 43rd.



Segments 3, 4, 5, 6, and 7

Att.B, AI 10, 03/16/23

~~S3: 120 LF. Near 41st and J St. Provide separate cost estimate for temporary fix. Start replacement east of ped gate to track switch, for approx. 120 LF. Erosion damage from adjacent Creek. Permanent fix will require engineered design for a future project.~~

REMOVE SEGMENT 3 FROM SCOPE

S4: 100 LF. Start at tree where fence is tipped and replace fence for 100 LF eastward. Provide clearing and grubbing.

S5: 480 LF. Start where fence is tipped again near mausoleum and at 480 LF east.

S6 and S7: Start at cut fence opening and replace for 180 LF east.



~~Segments 8, 9, 10~~

~~S8: 300 LF. Start at Massachusetts and Main, head east, end at last chainlink section before substation.~~

~~S9: Start east of substation ped gate adjacent to Main St. for 270 LF east.~~

~~S10: Tipped fence, start near 2040 Main Street and replace fence for 350 LF east. Keep existing fence alignment.~~

REMOVE SEGMENTS 8, 9, AND 10 FROM SCOPE

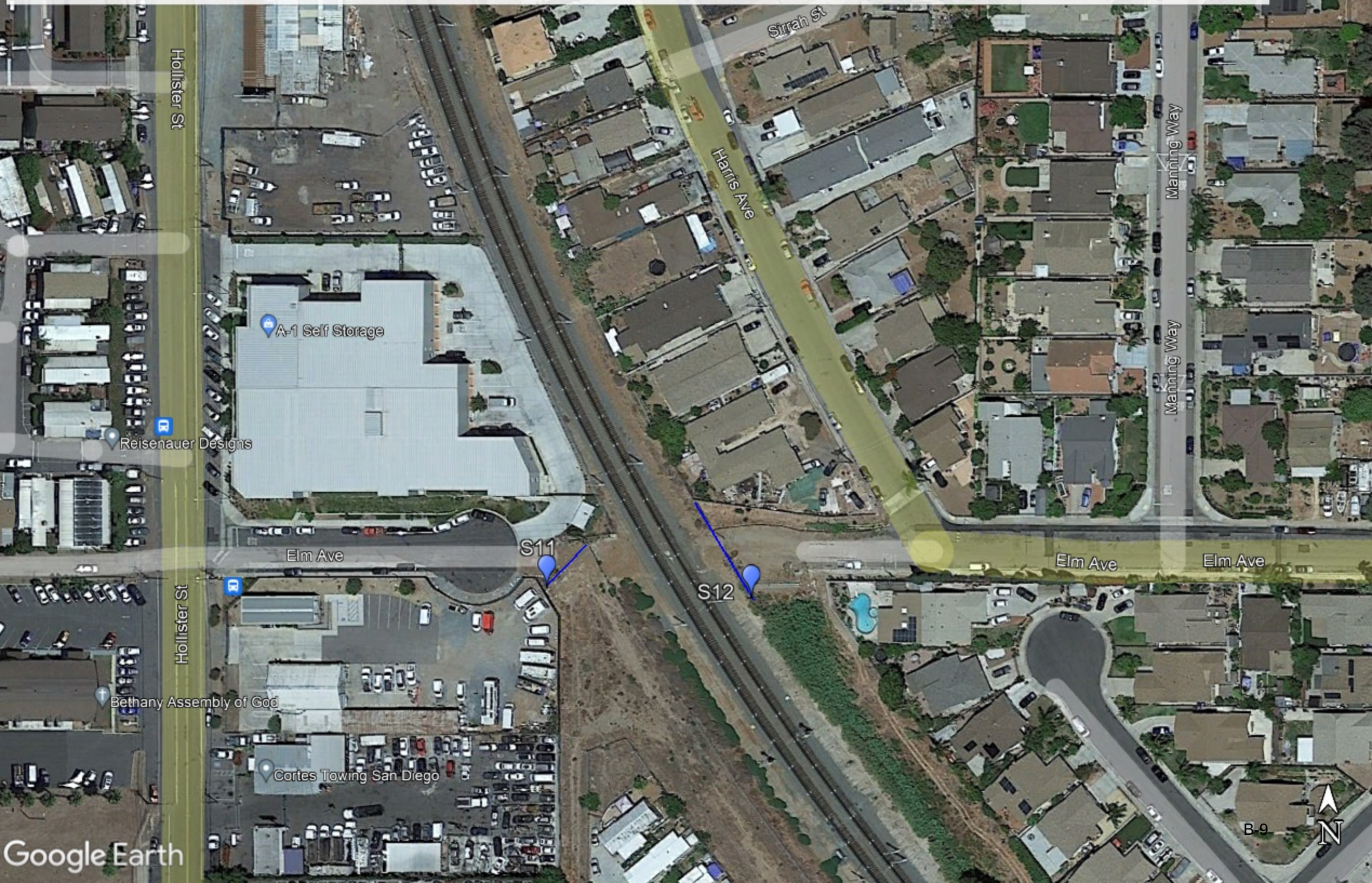


Segments 11 and 12

Att.B, AI 10, 03/16/23

S11: 30 LF + 24' double gate. Elm Ave, near Hollister St. Replace 24' long double gate and 30 LF of chainlink fence. Chainlink fence at this location will be smaller 1" diamond size.

S12: 100 LF. Elm Ave, near Harris Ave. Chainlink fence at this location will be smaller 1" diamond size.



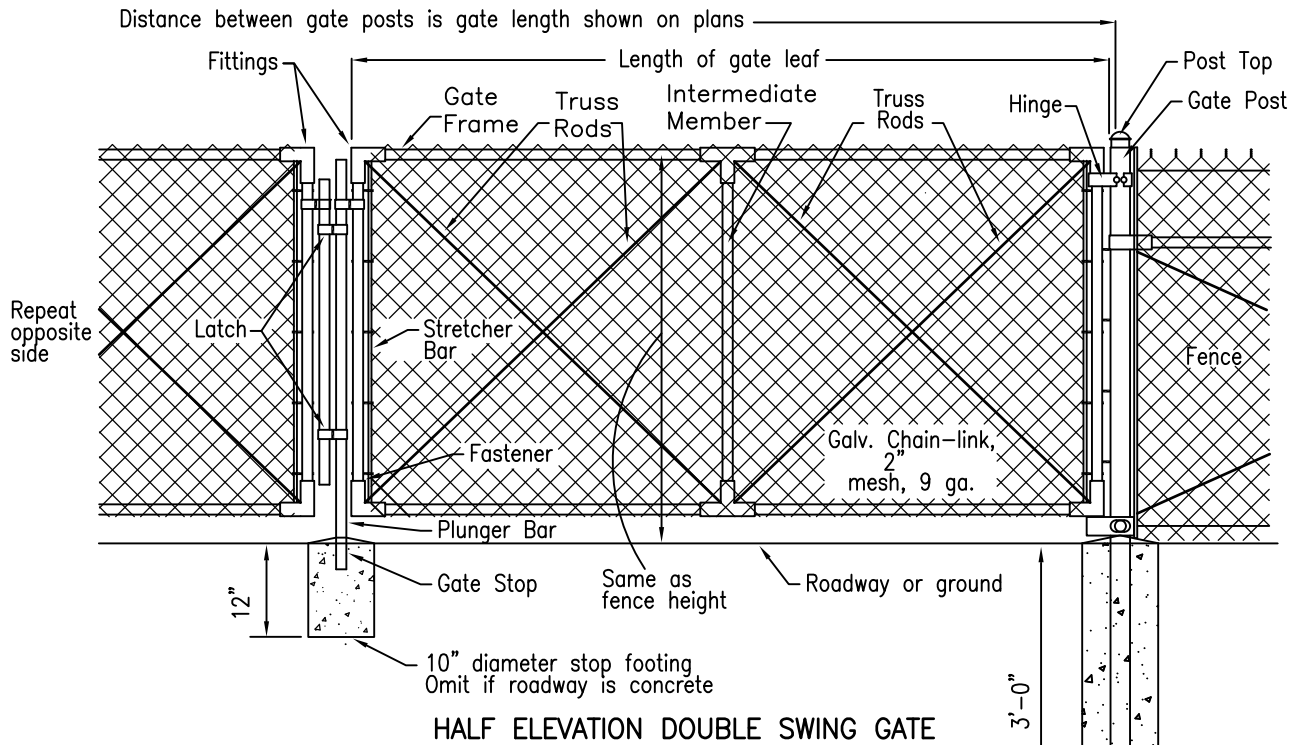
~~Segments 13 and 14~~

Att.B, AI 10, 03/16/23

- ~~S13: 650 LF. Replace fence starting on Industrial at Palomar to ped gate.~~
- ~~Tuxedo Warehouse wholesale~~
- ~~S14: Start replacement on Industrial at ped gate and end segment to Naples Street for 1020 LF. Excludes fencing at 2 existing culverts.~~

REMOVE SEGMENTS 13 AND 14 FROM SCOPE



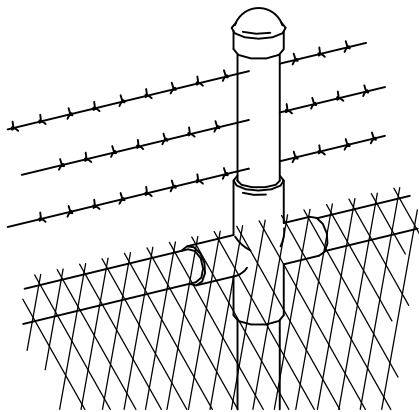


NOTES

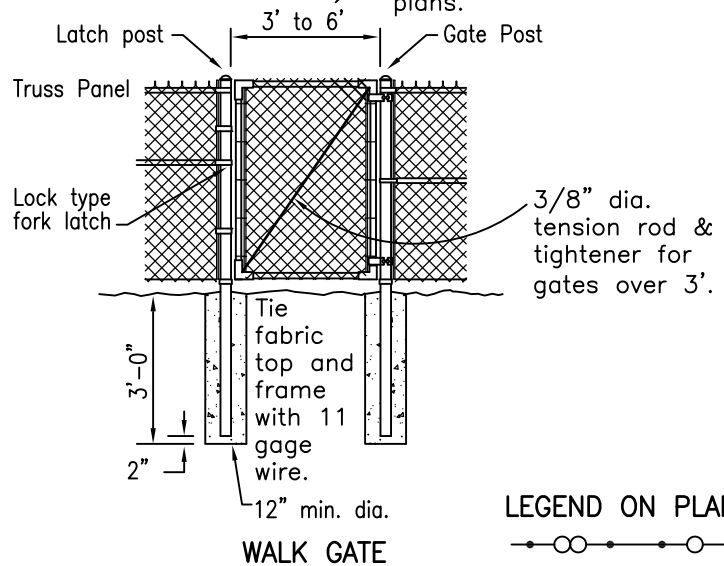
1. All footings shall be 520-C-2500 concrete.
2. The following items shall be furnished and installed only when shown on the plans and/or called for in the special provisions:
 - a. Barbed wire
 - b. Extension post
3. Chain link fence shall conform to Section 206-6 of the Standard Specification for Public Works Construction unless specifically noted on this drawing.

Diameter of footing = 4 times outside diameter of post.

Clear opening shown on plans.



EXTENSION POST AND BARBED WIRE



LEGEND ON PLANS



Revision	By	Approved	Date
ORIGINAL		A.Kercheval	12/75
Delete Metric		D. Gerschoffer	05/12
Reviewed		D. Gerschoffer	12/15
Reviewed		D. Gerschoffer	10/18

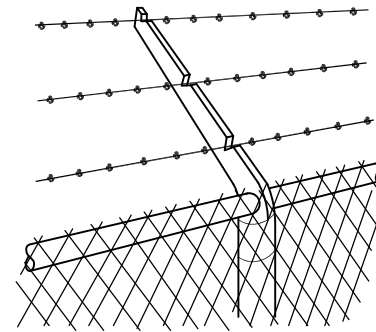
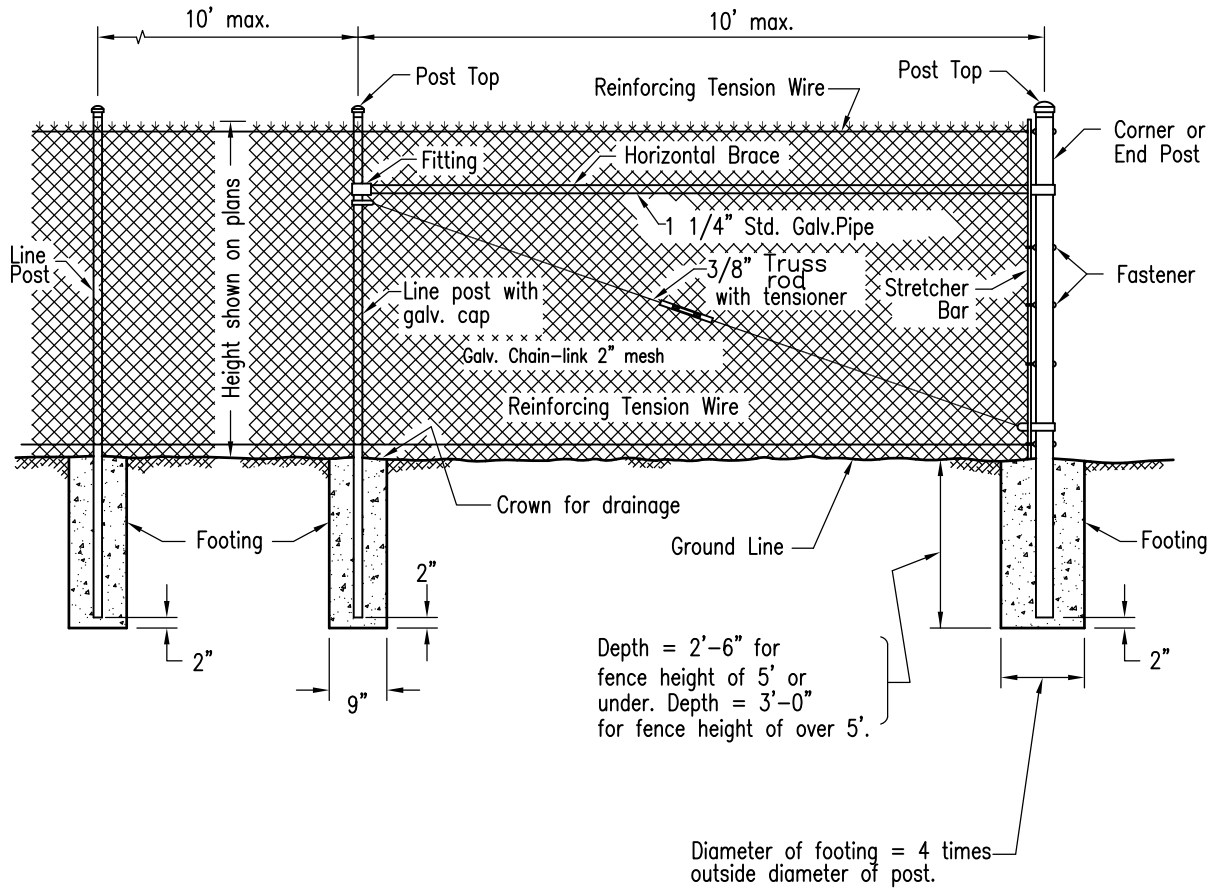
SAN DIEGO REGIONAL STANDARD DRAWING

CHAIN LINK GATE

RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE

M. Stanton 10/25/2018
Chairperson R.C.E. 19246 Date

DRAWING NUMBER M-05 B-11

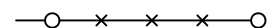


EXTENSION ARM AND BARBED WIRE

NOTES

- All footings shall be 520-C-2500 concrete.
- The following items shall be furnished and installed only when shown on the plans and/or called for in the special provisions.
 - Barbed Wire
 - Extension Arm
 - Top Horizontal Rail
- Chain link fence shall conform to Section 206-6 of the Standard Specifications for Public Works Construction unless specifically noted on this drawing.
- See Standard Drawing M-20 for additional details.

LEGEND ON PLANS



Revision	By	Approved	Date
ORIGINAL		A.Kercheval	12/75
Delete Metric		D. Gerschoffer	05/12
Reviewed		D. Gerschoffer	12/15
Reviewed		D. Gerschoffer	10/18

SAN DIEGO REGIONAL STANDARD DRAWING

CHAIN LINK FENCE

RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE

M. Stanton 10/25/2018
Chairperson R.C.E. 19246 Date

DRAWING
NUMBER M-06
B-12

EXHIBIT B (Cost Breakdown)

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

Division		Install Total	NPP Total	Demo Total	Division Total
01	General Requirements	\$161,711.82	\$0.00	\$0.00	\$161,711.82
03	Concrete	\$15,874.97	\$0.00	\$0.00	\$15,874.97
31	Earthwork	\$23,817.63	\$0.00	\$0.00	\$23,817.63
32	Exterior Improvements	\$81,937.16	\$0.00	\$13,607.73	\$95,544.89
50	Custom Standards And Assemblies	\$4,086.25	\$0.00	\$0.00	\$4,086.25
Line Count: 123			Proposal Total:		\$301,035.56

The Percentage of Non Pre-Priced on this Proposal: 0.0%

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

01 General Requirements								\$161,711.82
Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
1	012216000004	Reimbursable Fees	Installation	1,874.40	\$1.00	EA	1.0000	\$1,874.40
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0000	\$0.00
		Includes Labor No Includes Equipment No Includes Materials Yes						
		User Note: MTS training class fee 12 guys x 156.20 = 1874.4						
		Item Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.						
							Total:	\$1,874.40
2	012220000027	Laborer	Installation	48.00	\$74.04	HR	1.0890	\$3,870.22
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	HR	1.0890	\$0.00
		Includes Labor Yes Includes Equipment No Includes Materials No						
		User Note: MTS class 12 guys x 4 hrs each						
		Item Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.						
							Total:	\$3,870.22
3	012220000027	Laborer	Installation	8.00	\$74.04	HR	1.0890	\$645.04
Accepted		History: 2.0 Accepted, 1.5 Added	Demo:	0.000000	\$0.00	HR	1.0890	\$0.00
		Includes Labor Yes Includes Equipment No Includes Materials No						
		Contractor Comments: V:1.5-item to string line fence						
		User Note: segment 01 & 02 2 guys x 4 hrs to line fence						
		Item Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.						
							Total:	\$645.04

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

4	012220000027	Laborer	Installation	8.00	\$74.04	HR	1.0890	\$645.04
Accepted	History: 2.0 Accepted, 1.5 Added		Demo:	0.000000	\$0.00	HR	1.0890	\$0.00
Includes Labor Yes Includes Equipment No Includes Materials No								

Contractor Comments: V:1.5-item to string line fence

User Note: segment 04 - 07
2 guys x 4 hrs to line fence

Item Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

							Total:	\$645.04
5	012220000027	Laborer	Installation	8.00	\$74.04	HR	1.0890	\$645.04
Accepted	History: 2.0 Accepted, 1.5 Added		Demo:	0.000000	\$0.00	HR	1.0890	\$0.00
	Includes Labor Yes Includes Equipment No Includes Materials No							

Contractor Comments: V:1.5-item to string line fence

User Note: segment 11 & 12
2 guys x 4 hrs to line fence

Item Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.

							Total:	\$645.04
6	012220000079	Senior Engineer	Installation	4.00	\$160.00	HR	1.0890	\$696.96
Accepted	History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added		Demo:	0.000000	\$0.00	HR	1.0890	\$0.00
	Includes Labor Yes Includes Equipment No Includes Materials No							

User Note: segment 01 & 02
tc plan & development of plan

Item Note:

							Total:	\$696.96
7	012223000289	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	Installation	4.00	\$1,287.24	DAY	1.0890	\$5,607.22
Accepted	History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added		Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
Includes Labor Yes Includes Equipment No Includes Materials Yes								

Contractor Comments: V:1.5-agreed

User Note: segment 01 & 02
load demo of fence

Item Note:

							Total:	\$5,607.22
--	--	--	--	--	--	--	--------	------------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

8	012223000289	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	Installation	3.00	\$1,287.24	DAY	1.0890	\$4,205.41
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
Includes Labor Yes Includes Equipment No Includes Materials Yes								

User Note: segment 04 - 07
load demo of fence

Item Note:

							Total:	\$4,205.41
--	--	--	--	--	--	--	--------	------------

9	012223000289	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	Installation	1.00	\$1,287.24	DAY	1.0890	\$1,401.80
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
Includes Labor Yes Includes Equipment No Includes Materials Yes								

User Note: segment 11 & 12
load demo of fence

Item Note:

							Total:	\$1,401.80
--	--	--	--	--	--	--	--------	------------

10	012223000290	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	Installation	1.00	\$5,463.52	WK	1.0890	\$5,949.77
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
Includes Labor Yes Includes Equipment No Includes Materials Yes								

Contractor Comments: V:1.5-agreed

User Note: segment 01 & 02
load demo of fence

Item Note:

							Total:	\$5,949.77
--	--	--	--	--	--	--	--------	------------

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

11	012223000290	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	Installation	2.00	\$5,463.52	WK	1.0890	\$11,899.55
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
Includes Labor Yes Includes Equipment No Includes Materials Yes								

Contractor Comments: V:1.5-agreed

User Note: segment 04 - 07
load demo of fence

Item Note:

							Total:	\$11,899.55
--	--	--	--	--	--	--	--------	-------------

12	012223000290	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	Installation	1.00	\$5,463.52	WK	1.0890	\$5,949.77
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
Includes Labor Yes Includes Equipment No Includes Materials Yes								

User Note: segment 11 & 12
load demo of fence

Item Note:

							Total:	\$5,949.77
--	--	--	--	--	--	--	--------	------------

13	012223000301	Broom Attachment For Skid-Steer Loaders	Installation	4.00	\$95.24	DAY	1.0890	\$414.87
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

User Note: segment 01 & 02

Item Note:

							Total:	\$414.87
--	--	--	--	--	--	--	--------	----------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

14	012223000301	Broom Attachment For Skid-Steer Loaders	Installation	3.00	\$95.24	DAY	1.0890	\$311.15
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 04 - 07						
		Item Note:						
							Total:	\$311.15
15	012223000301	Broom Attachment For Skid-Steer Loaders	Installation	1.00	\$95.24	DAY	1.0890	\$103.72
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 11 & 12						
		Item Note:						
							Total:	\$103.72
16	012223000302	Broom Attachment For Skid-Steer Loaders	Installation	1.00	\$258.37	WK	1.0890	\$281.36
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 01 & 02						
		Item Note:						
							Total:	\$281.36
17	012223000302	Broom Attachment For Skid-Steer Loaders	Installation	2.00	\$258.37	WK	1.0890	\$562.73
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 04 - 07						
		Item Note:						
							Total:	\$562.73

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

18	012223000302	Broom Attachment For Skid-Steer Loaders	Installation	1.00	\$258.37	WK	1.0890	\$281.36
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

User Note: segment 11 & 12

Item Note:

								Total:	\$281.36
--	--	--	--	--	--	--	--	--------	----------

19	012223000307	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	Installation	4.00	\$83.08	DAY	1.0890	\$361.90
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

User Note: segment 01 & 02

Item Note:

								Total:	\$361.90
--	--	--	--	--	--	--	--	--------	----------

20	012223000307	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	Installation	3.00	\$83.08	DAY	1.0890	\$271.42
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

Owner Comments: V:1.2-Skid Steer duration for S4-S7 is 2 weeks and 3 days.

Contractor Comments: V:1.3-agreed to your quantity

User Note: segment 04 - 07

Item Note:

								Total:	\$271.42
--	--	--	--	--	--	--	--	--------	----------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

21	012223000307	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	Installation	1.00	\$83.08	DAY	1.0890	\$90.47
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

User Note: segment 11 & 12

Item Note:

							Total:	\$90.47
--	--	--	--	--	--	--	--------	---------

22	012223000308	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	Installation	1.00	\$228.98	WK	1.0890	\$249.36
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

User Note: segment 01 & 02

Item Note:

							Total:	\$249.36
--	--	--	--	--	--	--	--------	----------

23	012223000308	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	Installation	2.00	\$228.98	WK	1.0890	\$498.72
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

User Note: segment 04 - 07

Item Note:

							Total:	\$498.72
--	--	--	--	--	--	--	--------	----------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

24	012223000308	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	Installation	1.00	\$228.98	WK	1.0890	\$249.36
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

User Note: segment 11 & 12

Item Note:

							Total:	\$249.36
--	--	--	--	--	--	--	--------	----------

25	012223001330	13 CY Rear Dump Truck With Full-Time Truck Driver	Installation	5.00	\$1,621.69	DAY	1.0890	\$8,830.10
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
Includes Labor Yes Includes Equipment No Includes Materials Yes								

User Note: segment 01 & 02
1 day for greens
4 days for fence

Item Note:

							Total:	\$8,830.10
--	--	--	--	--	--	--	--------	------------

26	012223001330	13 CY Rear Dump Truck With Full-Time Truck Driver	Installation	7.00	\$1,621.69	DAY	1.0890	\$12,362.14
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
Includes Labor Yes Includes Equipment No Includes Materials Yes								

User Note: segment 04 - 07
1 truck x 4 days for green
1 truck x 3 days for fence

Item Note:

							Total:	\$12,362.14
--	--	--	--	--	--	--	--------	-------------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

27	012223001330	13 CY Rear Dump Truck With Full-Time Truck Driver	Installation	4.00	\$1,621.69	DAY	1.0890	\$7,064.08
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor Yes Includes Equipment No Includes Materials Yes						
		Owner Comments: V:1.2-Most clearing and grubbing on S12. Current clear and grub conditions appear to be 1 day, or 2 days at most.						
		Contractor Comments: V:1.3-leaving the quantity the same change note to 1 truck 2 days green + 1 truck 2 day fence						
		User Note: segment 11 & 12 1truck x 2 day green 1truck x 2 day fence						
		Item Note:						
							Total:	\$7,064.08
28	012223001331	13 CY Rear Dump Truck With Full-Time Truck Driver	Installation	1.00	\$5,287.91	WK	1.0890	\$5,758.53
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor Yes Includes Equipment No Includes Materials Yes						
		User Note: segment 01 & 02 1 week fence						
		Item Note:						
							Total:	\$5,758.53
29	012223001331	13 CY Rear Dump Truck With Full-Time Truck Driver	Installation	2.00	\$5,287.91	WK	1.0890	\$11,517.07
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor Yes Includes Equipment No Includes Materials Yes						
		User Note: segment 04 - 07 1 truck x 2 week fence						
		Item Note:						
							Total:	\$11,517.07

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

30	012223001331	13 CY Rear Dump Truck With Full-Time Truck Driver	Installation	1.00	\$5,287.91	WK	1.0890	\$5,758.53
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor Yes	Includes Equipment No	Includes Materials Yes				

User Note: segment 11 & 12
1 truck x 5 days fence

Item Note:

							Total:	\$5,758.53
--	--	--	--	--	--	--	--------	------------

31	012223001361	500 To 600 Gallon Water Trailer With Pump	Installation	9.00	\$114.75	DAY	1.0890	\$1,124.66
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				

User Note: segment 01 & 02

Item Note:

							Total:	\$1,124.66
--	--	--	--	--	--	--	--------	------------

32	012223001361	500 To 600 Gallon Water Trailer With Pump	Installation	13.00	\$114.75	DAY	1.0890	\$1,624.52
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				

User Note: segment 04 - 07

Item Note:

							Total:	\$1,624.52
--	--	--	--	--	--	--	--------	------------

33	012223001361	500 To 600 Gallon Water Trailer With Pump	Installation	6.00	\$114.75	DAY	1.0890	\$749.78
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				

User Note: segment 11 & 12

Item Note:

							Total:	\$749.78
--	--	--	--	--	--	--	--------	----------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

34	015219000002	Portable Chemical Toilet	Installation	1.00	\$63.29	WK	1.0890	\$68.92
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 01 & 02						
		Item Note:						
							Total:	\$68.92
35	015219000002	Portable Chemical Toilet	Installation	3.00	\$63.29	WK	1.0890	\$206.77
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 04 - 07						
		Item Note:						
							Total:	\$206.77
36	015219000002	Portable Chemical Toilet	Installation	1.00	\$63.29	WK	1.0890	\$68.92
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 11 & 12						
		Item Note:						
							Total:	\$68.92
37	015526000028	28" Cone With Reflective Collar	Installation	250.00	\$0.50	DAY	1.0890	\$136.13
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 01 & 02 50 cones x 1 days green 50 cones x 4 days fence						
		Item Note:						
							Total:	\$136.13

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

38	015526000028	28" Cone With Reflective Collar	Installation	350.00	\$0.50	DAY	1.0890	\$190.58
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 04 - 07 50 cones x 7 days (3 fence + 4 trees)						
		Item Note:						
							Total:	\$190.58
39	015526000028	28" Cone With Reflective Collar	Installation	100.00	\$0.50	DAY	1.0890	\$54.45
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 11 & 12 25 x 1 days fence 25 x 3 days green						
		Item Note:						
							Total:	\$54.45
40	015526000029	28" Cone With Reflective Collar	Installation	50.00	\$1.49	WK	1.0890	\$81.13
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 01 & 02 50 cones x 1 week						
		Item Note:						
							Total:	\$81.13
41	015526000029	28" Cone With Reflective Collar	Installation	100.00	\$1.49	WK	1.0890	\$162.26
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 04 - 07 50 cones x 2 weeks						
		Item Note:						
							Total:	\$162.26

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

42	015526000029	28" Cone With Reflective Collar	Installation	25.00	\$1.49	WK	1.0890	\$40.57
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 11 & 12 25 cones x 1 week fence						
		Item Note:						
							Total:	\$40.57
43	015526000085	Mesh Or Vinyl Roll-up Sign With Stand	Installation	30.00	\$4.79	DAY	1.0890	\$156.49
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Clarified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		Owner Comments: V:1.2-Clarify what roll up signs are for and why required.						
		Contractor Comments: V:1.3-these are construction sign work ahead, road construction end construction etc						
		User Note: segment 01 & 02 6 sign x 1 days green 6 sign x 4 days fence						
		Item Note:						
							Total:	\$156.49
44	015526000085	Mesh Or Vinyl Roll-up Sign With Stand	Installation	12.00	\$4.79	DAY	1.0890	\$62.60
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Modified, 1.3 Clarified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		Owner Comments: V:1.2-Clarify what roll up signs are for and why required. V:1.4-Total for segments 04 - 07 is 17 days and represented as 6 signs for 7 days and 2 weeks. Represent total 17 days as 3 weeks and 2 days instead.						
		Contractor Comments: V:1.3-these are construction sign work ahead, road construction end construction etc V:1.5-argeed						
		User Note: segment 04 - 07 6 construction signs x 2 days						
		Item Note:						
							Total:	\$62.60

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

45	015526000085	Mesh Or Vinyl Roll-up Sign With Stand	Installation	18.00	\$4.79	DAY	1.0890	\$93.89
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								
Owner Comments: V:1.2-Clarify what roll up signs are for and why required.								
Contractor Comments: V:1.3-these are construction sign work ahead, road construction end construction etc								
User Note:		segment 11 & 12 6 construction sign x 1 days fence 6 construction sign x 2 days green						
Item Note:								

							Total:	\$93.89
--	--	--	--	--	--	--	--------	---------

46	015526000086	Mesh Or Vinyl Roll-up Sign With Stand	Installation	6.00	\$14.37	WK	1.0890	\$93.89
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Clarified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								
Owner Comments: V:1.2-Clarify what roll up signs are for and why required.								
Contractor Comments: V:1.3-these are construction sign work ahead, road construction end construction etc								
User Note:		segment 01 & 02 6 signs x 1 week fence						
Item Note:								

							Total:	\$93.89
--	--	--	--	--	--	--	--------	---------

47	015526000086	Mesh Or Vinyl Roll-up Sign With Stand	Installation	18.00	\$14.37	WK	1.0890	\$281.68
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Modified, 1.3 Clarified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								
Owner Comments: V:1.2-Clarify what roll up signs are for and why required. V:1.4-Total for segments 04 - 07 are 17 days and represented as 6 signs for 7 days and 2 weeks. Represent total 17 days as 3 weeks and 2 days instead.								
Contractor Comments: V:1.3-these are construction sign work ahead, road construction end construction etc V:1.5-agreed								
User Note:		segment 04 - 07 6 construction sign x 3 weeks						
Item Note:								

							Total:	\$281.68
--	--	--	--	--	--	--	--------	----------

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

48	015526000086	Mesh Or Vinyl Roll-up Sign With Stand	Installation	6.00	\$14.37	WK	1.0890	\$93.89
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Clarified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		Owner Comments:	V:1.2-Clarify what roll up signs are for and why required.					
		Contractor Comments:	V:1.3-these are construction sign work ahead, road construction end construction etc					
		User Note:	segment 11 & 12 6 construction sign x 1 week fence					
		Item Note:						

							Total:	\$93.89
--	--	--	--	--	--	--	--------	---------

49	015526000091	Aluminum Sign And A Frame Stand	Installation	250.00	\$3.62	DAY	1.0890	\$985.55
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		Contractor Comments:	V:1.3-correct days from 3 to 5 days to match mesh sign					
		User Note:	segment 01 & 02 50 no parking signs x 5 days					
		Item Note:						

							Total:	\$985.55
--	--	--	--	--	--	--	--------	----------

50	015526000091	Aluminum Sign And A Frame Stand	Installation	100.00	\$3.62	DAY	1.0890	\$394.22
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note:	segment 11 & 12 25 no parking sign x 4 days					
		Item Note:						

							Total:	\$394.22
--	--	--	--	--	--	--	--------	----------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

51	015526000091	Aluminum Sign And A Frame Stand	Installation	100.00	\$3.62	DAY	1.0890	\$394.22
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	DAY	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		Owner Comments:	V:1.2-Group as 3 weeks, instead of 2 weeks and 7 days.					
		Contractor Comments:	V:1.3-changed quantity to 2 days					
		User Note:	segment 04 - 07 50 no parking signs x 2 days					
		Item Note:						
							Total:	\$394.22
52	015526000092	Aluminum Sign And A Frame Stand	Installation	50.00	\$10.86	WK	1.0890	\$591.33
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		Contractor Comments:	V:1.3-corrected weeks from 2 to 1 to match mesh sign					
		User Note:	segment 01 & 02 50 no parking sign x 1 week					
		Item Note:						
							Total:	\$591.33
53	015526000092	Aluminum Sign And A Frame Stand	Installation	150.00	\$10.86	WK	1.0890	\$1,773.98
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		Owner Comments:	V:1.2-Group as 3 weeks, instead of 2 weeks and 7 days.					
		Contractor Comments:	V:1.3-changed quantity to 3 weeks					
		User Note:	segment 04 - 07 50 no parking sign x 3 weeks					
		Item Note:						
							Total:	\$1,773.98

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

54	015526000092	Aluminum Sign And A Frame Stand	Installation	25.00	\$10.86	WK	1.0890	\$295.66
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

User Note: segment 11 & 12
25 no parking signs x 1 week

Item Note:

								Total:	\$295.66
--	--	--	--	--	--	--	--	--------	----------

55	015526000104	Placement And Removal Of Up To 250 Cones Using Truck	Installation	500.00	\$3.86	EA	1.0890	\$2,101.77
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

Owner Comments: V:1.2-Install and removal should match same qty for catalog item 01 55 26 00-0028 28" Cone With Reflective Collar. (50 cones x 1 week) + (50 cones x 4 days) = 450

Contractor Comments: V:1.3-(50 cones x 1 week) + (50 cones x 5 days) = 500

User Note: segment 01 & 02
50 cones x 10 days

Item Note:

								Total:	\$2,101.77
--	--	--	--	--	--	--	--	--------	------------

56	015526000104	Placement And Removal Of Up To 250 Cones Using Truck	Installation	650.00	\$3.86	EA	1.0890	\$2,732.30
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

User Note: segment 04 - 07
50 cones x 13 days

Item Note:

								Total:	\$2,732.30
--	--	--	--	--	--	--	--	--------	------------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.
Contract Number: PWG347.0-22
Contract Name: JOC CIVIL CONSTRUCTION SERVICES

57	015526000104	Placement And Removal Of Up To 250 Cones Using Truck	Installation	225.00	\$3.86	EA	1.0890	\$945.80
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

User Note: segment 11 & 12
25 cones x 9 days
Item Note:

Total:								\$945.80
--------	--	--	--	--	--	--	--	----------

58	015526000108	Placement And Removal Of Up To 250 Barricades Using Truck	Installation	110.00	\$7.71	EA	1.0890	\$923.58
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

Owner Comments: V:1.2-Final qty to reflect catalog items 01 55 26 00-0091 - Aluminum Sign And A Frame Stand and 01 55 26 00-0086 Mesh Or Vinyl Roll-up Sign With Stand
Contractor Comments: V:1.3-quantity correct set 50 no parking signs once = 50 each + set 6 construction sign 10 day = 60 each
User Note: segment 01 & 02
50 no parking signs x 1 each
6 construction sign x 10 days
Item Note:

Total:								\$923.58
--------	--	--	--	--	--	--	--	----------

59	015526000108	Placement And Removal Of Up To 250 Barricades Using Truck	Installation	152.00	\$7.71	EA	1.0890	\$1,276.22
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

Owner Comments: V:1.2-Final qty to reflect catalog items 01 55 26 00-0091 - Aluminum Sign And A Frame Stand and 01 55 26 00-0086 Mesh Or Vinyl Roll-up Sign With Stand
Contractor Comments: V:1.3-change construction sign from 13 days to 17 day to match mesh sign days
User Note: segment 04 - 07
6 construction sign x 17 days
50 no parking sign x 1 day
Item Note:

Total:								\$1,276.22
--------	--	--	--	--	--	--	--	------------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

60	015526000108	Placement And Removal Of Up To 250 Barricades Using Truck	Installation	73.00	\$7.71	EA	1.0890	\$612.92
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
		Includes Labor Yes Includes Equipment Yes Includes Materials No						
		Owner Comments: V:1.2-Final qty to reflect catalog items 01 55 26 00-0091 - Aluminum Sign And A Frame Stand and 01 55 26 00-0086 Mesh Or Vinyl Roll-up Sign With Stand						
		Contractor Comments: V:1.3-chabged quantity for construction signs to 8 each (6 fence +02 green)						
		User Note: segment 11 & 12 6 construction sign x 8 each 25 no parking sign x 1 each						
		Item Note:						
							Total:	\$612.92
61	015626000175	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	Installation	1,030.00	\$2.66	LF	1.0890	\$2,983.64
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Added	Demo:	0.000000	\$0.00	LF	1.0890	\$0.00
		Includes Labor Yes Includes Equipment No Includes Materials Yes						
		Contractor Comments: V:1.3-added item instead of temp fence						
							Total:	\$2,983.64
62	015626000175	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	Installation	760.00	\$2.66	LF	1.0890	\$2,201.52
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Added	Demo:	0.000000	\$0.00	LF	1.0890	\$0.00
		Includes Labor Yes Includes Equipment No Includes Materials Yes						
		Contractor Comments: V:1.3-added item instead of temp fence						
							Total:	\$2,201.52
63	015626000175	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	Installation	130.00	\$2.66	LF	1.0890	\$376.58
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Added	Demo:	0.000000	\$0.00	LF	1.0890	\$0.00
		Includes Labor Yes Includes Equipment No Includes Materials Yes						
		Contractor Comments: V:1.3-added item instead of temp fence						
							Total:	\$376.58

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

64	017113000004	First 25 Miles, Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed	Installation	1.00	\$715.07	EA	1.0890	\$778.71
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
		Includes Labor Yes Includes Equipment Yes Includes Materials No						
		User Note: segment 01 & 02 bobcat						
		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 man lifts with >40' boom lengths, etc.						
Total:								\$778.71
65	017113000004	First 25 Miles, Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed	Installation	1.00	\$715.07	EA	1.0890	\$778.71
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
		Includes Labor Yes Includes Equipment Yes Includes Materials No						
		User Note: segment 04 - 07 bobcat						
		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 man lifts with >40' boom lengths, etc.						
Total:								\$778.71
66	017113000004	First 25 Miles, Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed	Installation	1.00	\$715.07	EA	1.0890	\$778.71
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
		Includes Labor Yes Includes Equipment Yes Includes Materials No						
		User Note: segment 11 & 12						
		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 man lifts with >40' boom lengths, etc.						
Total:								\$778.71

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

67	017123160019	Survey Clear Area For Underground Utilities	Installation	0.15	\$5,567.02	ACR	1.0890	\$909.37
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	ACR	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

User Note: segment 01 & 02

Item Note:

							Total:	\$909.37
--	--	--	--	--	--	--	--------	----------

68	017123160019	Survey Clear Area For Underground Utilities	Installation	0.15	\$5,567.02	ACR	1.0890	\$909.37
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	ACR	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

User Note: segment 04 - 07

Item Note:

							Total:	\$909.37
--	--	--	--	--	--	--	--------	----------

69	017123160019	Survey Clear Area For Underground Utilities	Installation	0.10	\$5,567.02	ACR	1.0890	\$606.25
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	ACR	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

User Note: segment 11 & 12

Item Note:

							Total:	\$606.25
--	--	--	--	--	--	--	--------	----------

70	017413000003	Collect Existing Debris And Load Into Truck Or Dumpster	Installation	80.00	\$21.83	CY	1.0890	\$1,901.83
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CY	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

User Note: segment 01 & 02

Item Note: Per CY of debris removed.

							Total:	\$1,901.83
--	--	--	--	--	--	--	--------	------------

B-35

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

71	017413000003	Collect Existing Debris And Load Into Truck Or Dumpster	Installation	150.00	\$21.83	CY	1.0890	\$3,565.93
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CY	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

User Note: segment 04 - 07

Item Note: Per CY of debris removed.

Total:								\$3,565.93
--------	--	--	--	--	--	--	--	------------

72	017413000003	Collect Existing Debris And Load Into Truck Or Dumpster	Installation	50.00	\$21.83	CY	1.0890	\$1,188.64
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CY	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

User Note: segment 11 & 12

Item Note: Per CY of debris removed.

Total:								\$1,188.64
--------	--	--	--	--	--	--	--	------------

73	017419000021	Rampless Concrete Washout Bin	Installation	0.50	\$555.08	MO	1.0890	\$302.24
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$0.00	MO	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

Contractor Comments: V:1.3-agreed to your quantity

User Note: segment 01 & 02

Item Note: Includes delivery.

Total:								\$302.24
--------	--	--	--	--	--	--	--	----------

74	017419000021	Rampless Concrete Washout Bin	Installation	0.50	\$555.08	MO	1.0890	\$302.24
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$0.00	MO	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

Contractor Comments: V:1.3-agreed to your quantity

User Note: segment 04 - 07

Item Note: Includes delivery.

Total:								\$302.24
--------	--	--	--	--	--	--	--	----------

B-36

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.
Contract Number: PWG347.0-22
Contract Name: JOC CIVIL CONSTRUCTION SERVICES

75	017419000021	Rampless Concrete Washout Bin	Installation	0.50	\$555.08	MO	1.0890	\$302.24
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$0.00	MO	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

Contractor Comments: V:1.3-agreed to your quantity

User Note: segment 11 & 12

Item Note: Includes delivery.

							Total:	\$302.24
--	--	--	--	--	--	--	--------	----------

76	017419000036	General Refuse	Installation	160.00	\$44.52	TON	1.0890	\$7,757.16
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	TON	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

User Note: segment 01 & 02

Item Note:

							Total:	\$7,757.16
--	--	--	--	--	--	--	--------	------------

77	017419000036	General Refuse	Installation	300.00	\$44.52	TON	1.0890	\$14,544.68
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	TON	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

User Note: segment 04 - 07

Item Note:

							Total:	\$14,544.68
--	--	--	--	--	--	--	--------	-------------

78	017419000036	General Refuse	Installation	100.00	\$44.52	TON	1.0890	\$4,848.23
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	TON	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials Yes								

User Note: segment 11 & 12

Item Note:

							Total:	\$4,848.23
--	--	--	--	--	--	--	--------	------------

03 Concrete							\$15,874.97	
-------------	--	--	--	--	--	--	-------------	--

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
79	033053000007	Hand Mix And Place Concrete	Installation	309.00	\$25.71	CF	1.0890	\$8,651.44
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CF	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

User Note: segment 01 & 02
103 each x 3'

Item Note: For use where conventional equipment access is limited or when directed by the owner.

							Total:	\$8,651.44
--	--	--	--	--	--	--	--------	------------

80	033053000007	Hand Mix And Place Concrete	Installation	219.00	\$25.71	CF	1.0890	\$6,131.60
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$0.00	CF	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Owner Comments: V:1.2-S4 @ 100 LF = 9 posts, S5 @ 480 LF = 47 posts, S6 & S7 @ 180 LF = 17 posts. Total = 73 12" diameter posts x 3' = 219 CF

Contractor Comments: V:1.3-agreed to your quantity

User Note: segment 04 - 07

Item Note: For use where conventional equipment access is limited or when directed by the owner.

							Total:	\$6,131.60
--	--	--	--	--	--	--	--------	------------

81	033053000007	Hand Mix And Place Concrete	Installation	39.00	\$25.71	CF	1.0890	\$1,091.93
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CF	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

User Note: segment 11 & 12

Item Note: For use where conventional equipment access is limited or when directed by the owner.

							Total:	\$1,091.93
--	--	--	--	--	--	--	--------	------------

31 Earthwork								\$23,817.63
--------------	--	--	--	--	--	--	--	-------------

Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
----------	------------	-------------	------	----------	------------	-----	--------	------------

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

82	311313000003	>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal	Installation	2.00	\$750.37	EA	1.0890	\$1,634.31
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

User Note: segment 01 & 02

Item Note: Includes cutting up tree, chipping and loading.

Total:								\$1,634.31
--------	--	--	--	--	--	--	--	------------

83	311313000003	>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal	Installation	9.00	\$750.37	EA	1.0890	\$7,354.38
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

Contractor Comments: V:1.3-add 3 trees

User Note: segment 04 - 07

Item Note: Includes cutting up tree, chipping and loading.

Total:								\$7,354.38
--------	--	--	--	--	--	--	--	------------

84	311313000004	>12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal	Installation	11.00	\$1,000.49	EA	1.0890	\$11,984.87
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

Owner Comments: V:1.2-Counted 9 large trees with diameter of 12"-24" to be removed that are obstructing fence line. We can re-walk this area to agree on a count if needed.

Contractor Comments: V:1.3-after recounting change quantity to 11

User Note: segment 04 - 07

Item Note: Includes cutting up tree, chipping and loading.

Total:								\$11,984.87
--------	--	--	--	--	--	--	--	-------------

85	311313000054	Removal Of 3' To 4' Shrub, Deciduous	Installation	2.00	\$42.53	EA	1.0890	\$92.63
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

User Note: segment 01 & 02

Item Note:

Total:								\$92.63
--------	--	--	--	--	--	--	--	---------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

86	311313000054	Removal Of 3' To 4' Shrub, Deciduous	Installation	24.00	\$42.53	EA	1.0890	\$1,111.56
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

User Note: segment 04 - 07

Item Note:

Total:								\$1,111.56
--------	--	--	--	--	--	--	--	------------

87	311313000054	Removal Of 3' To 4' Shrub, Deciduous	Installation	12.00	\$42.53	EA	1.0890	\$555.78
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

User Note: segment 11 & 12

Item Note:

Total:								\$555.78
--------	--	--	--	--	--	--	--	----------

88	312316360032	Spread Excess Or Imported Material On Site By Hand	Installation	12.00	\$45.25	CY	1.0890	\$591.33
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CY	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

User Note: segment 01 & 02

Item Note:

Total:								\$591.33
--------	--	--	--	--	--	--	--	----------

89	312316360032	Spread Excess Or Imported Material On Site By Hand	Installation	8.00	\$45.25	CY	1.0890	\$394.22
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$0.00	CY	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

Owner Comments: V:1.2-S4 @ 100 LF = 9 posts, S5 @ 480 LF = 47 posts, S6 & S7 @ 180 LF = 17 posts. Total = 73 12" diameter posts x 3' = 219 CF / 27 = 8 CF

Contractor Comments: V:1.3-agreed to your quantity

User Note: segment 04 - 07

Item Note:

Total:								\$394.22
--------	--	--	--	--	--	--	--	----------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

90	312316360032	Spread Excess Or Imported Material On Site By Hand	Installation	2.00	\$45.25	CY	1.0890	\$98.55
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$0.00	CY	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								
Owner Comments: V:1.2-S11 @ 30 LF + double gate = 4 posts, S12 @ 100 LF = 9 posts. Total = 13 12" diameter posts x 3' = 39 CF / 27 = ~2 CF								
Contractor Comments: V:1.3-agreed to your quantity								
User Note: segment 11 & 12								
Item Note:								

	Total:	\$98.55
--	--------	---------

32 Exterior Improvements	\$95,544.89
--------------------------	-------------

Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
91	323113130010	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	Installation	309.00	\$17.65	VLF	1.0890	\$5,939.24
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	VLF	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								
User Note: segment 01 & 02								
Item Note:								

	Total:	\$5,939.24
--	--------	------------

92	323113130010	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	Installation	219.00	\$17.65	VLF	1.0890	\$4,209.37
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$0.00	VLF	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								
Owner Comments: V:1.2-S4 @ 100 LF = 9 posts, S5 @ 480 LF = 47 posts, S6 & S7 @ 180 LF = 17 posts. Total = 73 posts x 3' = 219 VLF								
Contractor Comments: V:1.3-agreed to your quantity								
User Note: segment 04 - 07								
Item Note:								

	Total:	\$4,209.37
--	--------	------------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

93	323113130010	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	Installation	39.00	\$17.65	VLF	1.0890	\$749.61
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	VLF	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials No								

User Note: segment 11 & 12

Item Note:

							Total:	\$749.61
--	--	--	--	--	--	--	--------	----------

94	323113130083	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	Installation	891.00	\$11.45	LF	1.0890	\$11,109.92
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$2.19	LF	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Owner Comments: V:1.2-99 standard fence posts x 9' = 891 LF. S1 = 15 standard fence posts, 1 end posts, 2 gate posts. S2 = 84 standard fence posts, and 1 end post

Contractor Comments: V:1.3-agreed to your quantity

User Note: segment 01 & 02
line post 97 each x 9'

Item Note:

							Total:	\$11,109.92
--	--	--	--	--	--	--	--------	-------------

95	323113130083	For Each Top Rail Fitting, Add MOD: 0136	Installation	99.00	\$1.35	LF	1.0890	\$145.54
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Modified, 1.1 Added						
Includes Labor No Includes Equipment No Includes Materials Yes								

User Note: segment 01 & 02

Item Note:

							Total:	\$145.54
--	--	--	--	--	--	--	--------	----------

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

96	323113130083	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	Installation	99.00	\$11.45	LF	1.0890	\$1,234.44
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$2.19	LF	1.0890	\$0.00
		Includes Labor Yes Includes Equipment Yes Includes Materials Yes						
		Owner Comments: V:1.2-Calculated 11 standard fence posts. 11 x 9' = 99LF. S11, 30 LF = 2 standard posts S12, 100 LF = 9 standard posts						
		Contractor Comments: V:1.3-agreed to your quantity						
		User Note: segment 11 & 12 line post 5 each x 9'						
		Item Note:						

							Total:	\$1,234.44
--	--	--	--	--	--	--	--------	------------

97	323113130083	For Each Top Rail Fitting, Add MOD: 0136	Installation	5.00	\$1.35	LF	1.0890	\$7.35
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added						
		Includes Labor No Includes Equipment No Includes Materials Yes						
		User Note: segment 11 & 12						
		Item Note:						

							Total:	\$7.35
--	--	--	--	--	--	--	--------	--------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

98	323113130084	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	Installation	1,022.00	\$10.60	LF	1.0890	\$11,797.35
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$1.73	LF	1.0890	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		Owner Comments: V:1.2-73 fence posts x 14'. S4, 100 LF = 9 posts S5, 480 LF = 47 posts S6 & S7, 180 LF = 17 posts.						
		Contractor Comments: V:1.3-agreed to your quantity						
		User Note: segment 04 - 07 line post 76 each x 14'						
		Item Note:						

Total:	\$11,797.35
--------	-------------

99	323113130084	For Each Top Rail Fitting, Add MOD: 0136	Installation	76.00	\$1.35	LF	1.0890	\$111.73
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added						
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 04 - 07						
		Item Note:						

Total:	\$111.73
--------	----------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

100	323113130090	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	Installation	36.00	\$15.46	LF	1.0890	\$606.09
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Modified, 1.2 Modified, 1.1 Added	Demo:	927.000000	\$2.37	LF	1.0890	\$2,392.52
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								
Owner Comments: V:1.2-Connect ends to existing posts. 1 new end post at east end of S1, 1 end post at west end of S2, 2 end posts for gate = 4 end posts x 9 = 36 LF								
Contractor Comments: V:1.3-agreed to your quantity V:1.5-added removal								
User Note: segment 01 & 02 end post 6 each x 9'								
Item Note:								

							Total:	\$2,998.61
--	--	--	--	--	--	--	--------	------------

101	323113130090	For Each Top Rail Fitting, Add MOD: 0139	Installation	4.00	\$1.85	LF	1.0890	\$8.06
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Modified, 1.2 Modified, 1.1 Added						
Includes Labor No Includes Equipment No Includes Materials Yes								
User Note: segment 01 & 02								
Item Note:								

							Total:	\$8.06
--	--	--	--	--	--	--	--------	--------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

102	323113130090	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	Installation	18.00	\$15.46	LF	1.0890	\$303.05
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added	Demo:	117.000000	\$2.37	LF	1.0890	\$301.97
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		Owner Comments: V:1.2-Connect ends to existing posts. 2 end posts for new double gate.						
		Contractor Comments: V:1.3-agreed to your quantity V:1.5-added removal						
		User Note: segment 11 & 12 end post 8 each x 9'						
		Item Note:						
							Total:	\$605.02
103	323113130090	For Each Top Rail Fitting, Add MOD: 0139	Installation	8.00	\$1.85	LF	1.0890	\$16.12
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Accepted, 1.2 Modified, 1.1 Added						
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: segment 11 & 12						
		Item Note:						
							Total:	\$16.12
104	323113130090	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	Installation	0.00	\$15.46	LF	1.0890	\$0.00
Accepted		History: 2.0 Accepted, 1.5 Added	Demo:	1022.000000	\$2.37	LF	1.0890	\$2,637.71
		Includes Labor No	Includes Equipment No	Includes Materials No				
		Contractor Comments: V:1.5-added removal						
		User Note: segment 04 - 07						
		Item Note:						
							Total:	\$2,637.71
105	323113130097	4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	Installation	18.00	\$22.26	LF	1.0890	\$436.34
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$2.37	LF	1.0890	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		User Note: segment 11 & 12 gate post 2 each x 9'						
		Item Note:						
							Total:	\$436.34

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

106	323113130166	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	Installation	1,030.00	\$5.65	LF	1.0890	\$6,337.44
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$1.14	LF	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

User Note: segment 01 & 02 top rail

Item Note:

							Total:	\$6,337.44
--	--	--	--	--	--	--	--------	------------

107	323113130166	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	Installation	760.00	\$5.65	LF	1.0890	\$4,676.17
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$1.14	LF	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

User Note: segment 04 - 07 top rail

Item Note:

							Total:	\$4,676.17
--	--	--	--	--	--	--	--------	------------

108	323113130166	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	Installation	130.00	\$5.65	LF	1.0890	\$799.87
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$1.14	LF	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

User Note: segment 11 & 12 top rail

Item Note:

							Total:	\$799.87
--	--	--	--	--	--	--	--------	----------

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

109	323113130176	6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	Installation	1,030.00	\$12.41	LF	1.0890	\$13,919.92
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	1030.000000	\$3.19	LF	1.0890	\$3,578.13
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Contractor Comments: V:1.5-added removal

User Note: segment 01 & 02

Item Note:

							Total:	\$17,498.05
--	--	--	--	--	--	--	--------	-------------

110	323113130176	6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	Installation	130.00	\$12.41	LF	1.0890	\$1,756.88
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	130.000000	\$3.19	LF	1.0890	\$451.61
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Contractor Comments: V:1.5-added removal

User Note: segment 11 & 12

Item Note:

							Total:	\$2,208.49
--	--	--	--	--	--	--	--------	------------

111	323113130176	For 1" Mesh Fabric, Add MOD: 0185	Installation	130.00	\$3.45	LF	1.0890	\$488.42
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added						
Includes Labor No Includes Equipment No Includes Materials Yes								

User Note: segment 11 & 12

Item Note:

							Total:	\$488.42
--	--	--	--	--	--	--	--------	----------

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101

Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

112	323113130178	8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	Installation	760.00	\$15.23	LF	1.0890	\$12,604.96
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	760.000000	\$4.56	LF	1.0890	\$3,774.04
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Contractor Comments: V:1.5-added removal

User Note: segment 04 - 07

Item Note:

							Total:	\$16,379.00
--	--	--	--	--	--	--	--------	-------------

113	323113130221	8' High Fence, Vinyl Plastic Fence Insert	Installation	0.00	\$16.79	LF	1.0890	\$0.00
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Removed, 1.1 Added	Demo:	0.000000	\$0.00	LF	1.0890	\$0.00
Includes Labor No Includes Equipment No Includes Materials No								

Owner Comments: V:1.2-Remove plastic fence inserts from scope, per request of MTS Facilities Superintendent.

Contractor Comments: V:1.3-remove this item per revised scope

User Note: segment 04 - 07

Item Note:

							Total:	\$0.00
--	--	--	--	--	--	--	--------	--------

114	323113130321	24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	Installation	1.00	\$2,256.86	EA	1.0890	\$2,457.72
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$112.65	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

User Note: segment 11 & 12

Item Note:

							Total:	\$2,457.72
--	--	--	--	--	--	--	--------	------------

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

115	323113130708	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	Installation	0.00	\$3.46	LF	1.0890	\$0.00
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	760.000000	\$0.57	LF	1.0890	\$471.75
Includes Labor No Includes Equipment No Includes Materials No								
User Note: segment 04 - 07 removal of razor wire								
Item Note:								
							Total:	\$471.75
116	323113130728	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	Installation	1,030.00	\$0.95	LF	1.0890	\$1,065.59
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Modified, 1.3 Modified, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$0.41	LF	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								
Owner Comments: V:1.2-Should include top and bottom tension wire per SDSRD M-06 V:1.4-Should include top and bottom tension wire per SDSRD M-06 V:2.0-Agreed. Tension wire installed at bottom of fence only. Top railing will be provided.								
Contractor Comments: V:1.3-we are only placing bottom tension wire the top has top rail which doesn't need wire V:1.5-per DSOW we are putting top rail and bottom wire only								
User Note: segment 01 & 02 bottom tension wire								
Item Note:								
							Total:	\$1,065.59
117	323113130728	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	Installation	760.00	\$0.95	LF	1.0890	\$786.26
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Modified, 1.3 Modified, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$0.41	LF	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								
Owner Comments: V:1.2-Should include top and bottom tension wire per SDSRD M-06 V:1.4-Should include top and bottom tension wire per SDSRD M-06 V:2.0-Agreed. Tension wire installed at bottom of fence only. Top railing will be provided.								
Contractor Comments: V:1.3-we are only placing bottom tension wire the top has top rail which doesn't need wire V:1.5-per DSOW we are putting top rail and bottom wire only								
User Note: segment 04 - 07 bottom tension wire								
Item Note:								
							Total:	\$786.26

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

118	323113130728	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	Installation	130.00	\$0.95	LF	1.0890	\$134.49
Accepted		History: 2.0 Accepted, 1.5 Modified, 1.4 Modified, 1.3 Modified, 1.2 Modified, 1.1 Added	Demo:	0.000000	\$0.41	LF	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								
Owner Comments: V:1.2-Should include top and bottom tension wire per SDSRD M-06 V:1.4-Should include top and bottom tension wire per SDSRD M-06 V:2.0-Agreed. Tension wire installed at bottom of fence only. Top railing will be provided.								
Contractor Comments: V:1.3-we are only placing bottom tension wire the top has top rail which doesn't need wire V:1.5-per DSOW we are putting top rail and bottom wire only								
User Note: segment 11 & 12 bottom tension wire								
Item Note:								

							Total:	\$134.49
--	--	--	--	--	--	--	--------	----------

119	323113130751	10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	Installation	4.00	\$36.00	EA	1.0890	\$156.82
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Modified, 1.2 Clarification Requested, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								
Owner Comments: V:1.2-2 each, for double swing gate. Clarify/confirm other locations where needed.								
Contractor Comments: V:1.3-change quantity to 4. S1 & S2 has 1 at beginning and 1 the end of each section								
User Note: segment 01 & 02								
Item Note:								

							Total:	\$156.82
--	--	--	--	--	--	--	--------	----------

120	323113130751	10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	Installation	2.00	\$36.00	EA	1.0890	\$78.41
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								
User Note: segment 11 & 12								
Item Note:								

							Total:	\$78.41
--	--	--	--	--	--	--	--------	---------

50 Custom Standards And Assemblies								\$4,086.25
------------------------------------	--	--	--	--	--	--	--	------------

Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
----------	------------	-------------	------	----------	------------	-----	--------	------------

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$301,035.56

Approved Date: February 28, 2023

Job Order: MTSJOC347-09

Job Order Name: Trolley Fencing Repairs

Location: Blue Line ROW 1255 Imperial Ave San Diego, CA 92101



Contractor: ABC General Inc.

Contract Number: PWG347.0-22

Contract Name: JOC CIVIL CONSTRUCTION SERVICES

121	508982120012	CALTRANS 120182 PORTABLE DELINEATOR	Installation	128.00	\$15.70	EA	1.0890	\$2,188.45
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				

User Note: attached to safety fence

Item Note:

							Total:	\$2,188.45
--	--	--	--	--	--	--	--------	------------

122	508982120012	CALTRANS 120182 PORTABLE DELINEATOR	Installation	95.00	\$15.70	EA	1.0890	\$1,624.24
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				

User Note: attached to safety fence

Item Note:

							Total:	\$1,624.24
--	--	--	--	--	--	--	--------	------------

123	508982120012	CALTRANS 120182 PORTABLE DELINEATOR	Installation	16.00	\$15.70	EA	1.0890	\$273.56
Accepted		History: 2.0 Accepted, 1.5 Accepted, 1.4 Accepted, 1.3 Added	Demo:	0.000000	\$0.00	EA	1.0890	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				

User Note: attached to safety fence

Item Note:

							Total:	\$273.56
--	--	--	--	--	--	--	--------	----------

Proposal Total:							\$301,035.56	
-----------------	--	--	--	--	--	--	--------------	--

Div	The Percentage of Non Pre-Priced on this Proposal:							0.0%
-----	--	--	--	--	--	--	--	------

* Includes Price Changes due to Construction Task Catalog update

EXHIBIT C
(Subcontractor Listing)

San Diego Metropolitan Transit System

1255 Imperial Ave
San Diego, CA 92101

Subcontractor Report

Date: 3/1/2023

Job Order Contracting

Contract #: PWG347.0-22
Job Order #: MTSJOC347-09
Job Order Title: Trolley Fencing Repairs
Location: Blue Line ROW
Contractor: ABC General Inc.
Subcontractor: FENCECORP

Subcontractor Name	License Number	Describe Nature of Work (Trade)	Certifications	Subcontractor Total	%
FENCECORP 2401 Industry St, Oceanside, CA 92054	886544	new fence		\$164,529.00	54.65%