



Executive Committee Agenda

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 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.
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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

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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:

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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

Revised Agenda

April 13, 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 March 9, 2023 Executive Committee meeting Minutes.	Approve
DISCUSSION ITEMS		
4.	Chairperson and Board Leadership Nomination (Karen Landers) Action would direct staff on the process to nominate a new Chairperson and Board Leadership, as necessary.	Potential Action
5.	Closed Session – Conference with Legal Counsel – Existing Litigation Pursuant to California Government Code Section 54956.9(d)(1) <i>Grecia Figueroa v Nathan Fletcher, San Diego Metropolitan Transit System, et al.</i> San Diego Superior Court Case No. 37-2023-00012828-CU-OE-CTL	Potential Action
6.	Closed Session – Conference with Legal Counsel - Anticipated Litigation <u>Significant exposure to litigation pursuant to paragraph (2) or (3) of subdivision (d) of Section 54956.9: (Claimant: Veda Short; bus incident 3-19-2023)</u>	<u>Potential Action</u>
OTHER ITEMS		
7.	Review of Draft April 20, 2023 MTS Board Agenda	
8.	Other Staff Communications and Business	
9.	Committee Member Communications and Other Business	
10.	Next Meeting Date: May 4, 2023 <u>May 11, 2023</u> at 9:00am	
11.	Adjournment	



DRAFT MINUTES
MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM
EXECUTIVE COMMITTEE

March 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 9:00 a.m. A roll call sheet listing Executive Committee member attendance is attached.

2. Public Comment

Alex Wong – Made a verbal statement to the Board during the meeting. Wong encouraged transportation frequency at the busiest transit lines and commended the agency for their 2022 ridership recovery on the light rail system.

3. Approval of Minutes

Chair Fletcher moved to approve the minutes of the February 9, 2023, MTS Executive Committee meeting. Vice Chair Whitburn seconded the motion, and the vote was 6 to 0 in favor.

DISCUSSION ITEMS

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

Denis Desmond, MTS Director of Planning and Beverly Neff, MTS Senior Transportation Planner presented on San Ysidro Transit Center improvements project update. They provided details on: challenges impacting San Ysidro, approach solutions, bus layout options, potential layout concepts, stakeholder and community outreach.

Committee Comment

Board Member Moreno acknowledged the high traffic in the San Ysidro station and highlighted community involvement in the project. She asked if the initial concept has changed since showing the initial proposal to the community. Ms. Neff clarified that design concepts have not been shared with the community, rather the community has expressed that transit be prioritized and with that feedback, the concepts were drafted. She noted staff's next steps will be to present the concepts to the community. Board Member Moreno supported the redesign of the area and hopes that the project moves rapidly while being creative and innovative, even at an expense. She encouraged accessing federal and state funding to move this project forward. She commended SANDAG for acquiring federal and state funding for other projects through a showcase of the proposed region. She acknowledged that MTS is not in charge of the project planning, but encouraged MTS to begin lobbying state and federal funding bodies. She asked about the community participation timeline. Ms. Neff replied that there was additional outreach to do for this project. Board Member Moreno stated that the trolley line should be built to accommodate passenger growth. Ms. Neff clarified that SANDAG will be leading long term planning projections and phasing for the project. Board Member Moreno also asked about the possibility of eminent domain. Karen Landers, MTS General Counsel clarified that some concepts require the use of property that MTS does not own. The agency would first attempt to negotiate a voluntary sale, but if that is not accepted, then eminent domain is an option. She asked about the project timeline. Ms. Neff replied that the planning phase will conclude in the summer of 2023, the environmental phase would begin in 2023 and conclude in 2024. The remainder of the timeline is unknown until a concept is identified and funding is secured. Board

Member Moreno asked if the intent was for community meetings to begin at the early summer and pick a preferred concept choice by the end of the summer. Ms. Neff confirmed that this was the intent.

Board Member Bush agreed with all of Board Member Moreno's comments. He encouraged the agency to have grand thinking for the concept designs. He noted the importance of the station not only locally, but also internationally. He asked if this project was the same as SANDAG's San Ysidro Intermodal Transit Center project. Ms. Neff clarified that there were two phases to the project, the first phase is short term, led by MTS and presented today which focuses on the third track; the second phase is led by SANDAG and focuses on long term goals for the mobility hub. Ms. Cooney replied that the second phase was in conjunction with their vision of the Blue Line express. Board Member Bush replied that SANDAG is focusing on the Purple Line concept more than the Blue Line Express. He noted the disconnect in visions and limited funding sources for priorities. He encouraged speedy construction and implementation of the project. He also asked about all three design concepts to exclude or impede the potential of the trolley extension into the Tijuana region. Ms. Landers replied that MTS staff has not had conversations with SANDAG staff about this, since this project was just proposed this summer and the milestones of the third track project were well underway before then. Ms. Landers replied that staff concern is to not lose sight of the immediate project need, and this portion would not conflict with the phase two portion of the project. Board Member Bush noted he would not want the agency to backtrack on existing work nor limit future growth. He asked that the presentation be agendaized for an upcoming Board meeting so he can understand where the project is in the priority list.

Board Member Hall encouraged cohesive planning between the agencies.

Action Taken

Informational item only. No action taken.

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

Brent Boyd, MTS Manager of Service Quality and Special Operations for Rail presented on trolley extension to Tijuana. He presented on: background, Cordoba proposal, major components of proposal, MTS engagement, issues that need clarification and next steps.

Committee Comment

Board Member Moreno expressed excitement over the project and classified it as innovative for the region. Board Member Moreno cautioned staff's tone on the presentation and listed Youth Opportunity Passes and the Downtown Promenade as examples of deterrence. She encouraged staff to be the body that assesses feasibility and look towards innovative and cutting-edge concepts. She noted that CBX officers currently crossover into Mexico to inspect agriculture to show that agents do cross between borders. She encouraged staff to also speak enthusiastically about the project and work to assess the feasibility.

Chair Fletcher acknowledged the obstacles, but agrees with the exciting feeling that the concept brings. He encouraged MTS to become more optimistic with new ideas. He stated that the Board is not naive about the challenges to this project. He asked staff to assess how many individuals cross to board the trolley versus those who would board the trolley directly in Mexico. Mr. Boyd replied that ridership boardings are approximately 12,000 at San Ysidro. He noted there is a 30,000 to 40,000 ridership projection with the proposed project. Additional ridership modeling is necessary to understand rider travel patterns. Chair Fletcher acknowledged the

positive impact that a challenging project like this would have for the region and highlighted how the two countries are intertwined.

Public Comment

Zack Defazio Farrell – Representing Circulate SD made a verbal statement to the Board during the meeting. Farrell asked if the Baja states would play a role with construction, maintenance, abiding by US safety standards and funding contributions.

Committee Comment Continued

Mr. Boyd replied that the project presented is at a concept development stage with small funding available for assessments. There is an effort to find additional funding to further explore the project feasibility.

Board Member Bush was happy to see joint collaboration on the grant application for this project. He asked if staff had worked with Congressman Juan Vargas on the project. Mr. Boyd replied that MTS has not directly contacted the Congressman about this project, and is unaware of SANDAG's communication. Board Member Bush noted that the Air Pollution Control District is exploring this project as a vehicle-miles traveled reduction solution. He also encouraged a more optimistic tone on projects from staff. Board Member Bush asked that in the future, staff be mindful and intentional of language used to reference Mexico. Mr. Boyd apologized and clarified that there was no intention other than to acknowledge cross country complexity issues. Board Member Bush acknowledged that there were potential positive cost offsets and asked if the agency has received communication from the state or federal government in Mexico. Mr. Boyd replied that SANDAG will take point in political communications and those conversations will come about once the project is solidified more in the future. Board Member Bush encouraged MTS to allocate dedicated staff and a subcommittee for this project. He encouraged MTS to take the lead as the experts on a ridership study.

Board Member Montgomery Steppe is excited about the project. She also cautioned about the dangers of technology surveillance, particularly with the international connection of this project.

Action Taken

Informational item only. No action taken.

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

Mark Olson, MTS Director of Marketing and Communications presented on PRONTO Fare Validation. He outlined the following items: PRONTO tapping and scanning on trolleys trips vs validations, validation percentages, challenges, tap and scan education efforts to date, security focus group, updated education strategy, upcoming messaging changes, updated communications, upcoming changes, upcoming technology improvements and changes and takeaways.

Public Comment

Leif Gensert – Provided a verbal statement to the Board during the meeting. Gensert confirmed personal issues with validators in the Fashion Valley station and was curious about future plans to add validators on the trolley.

Zack Defazio Farrell – Representing Circulate SD made a verbal statement to the Board during the meeting. Farrell acknowledged the limited number of fare validators. Farrell noted that having validators on the trolley would mitigate the problem of fare tapping access.

Committee Comment

Board Member Hall agreed with having onboard validators. Board Member Hall asked if the infrastructure has the capacity to validate fare with a credit card. Ms. Cooney replied that the next presentation would address his question. Board Member Hall encouraged the placement of banners at every station.

Board Member Montgomery Steppe appreciated the presentation and focus group efforts. She believed that riders are not tapping because of lack of knowledge or forgetfulness and believed that this issue would have to be continuously monitored to come up with solutions.

Vice Chair Whitburn commended the agency for its efforts and proposed next steps. He asked what it would look like if staff was posted outside of the trolley with the validators in order to reduce the loss. Mr. Olson responded that staff was assessing that tactic as a possibility and is currently coordinating staff capacity for select station and special events.

Board Member Moreno asked if there were tapping differences between the number of riders who board in comparison to those who tap and if there are differences between trolley lines. She asked if increased fare enforcement decreased validation rates. She also asked about the optimal amount of fare enforcement in an open transit system, comparably to similar transit systems. She looked forward to receiving answers from her questions from staff at a later time.

Action Taken

Informational item only. No action taken.

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

Emily Outlaw, MTS Chief Information Officer presented on the PRONTO fare system update on open payments upgrade options. She outlined the following items: current PRONTO system, history, roadmap, contactless credit card payment, workshops, minimum viable product (MVP) and its timeline, challenge and mitigation strategy.

Committee Comment

Board Member Moreno asked about the MVP listed in slide 7. She asked about the two options presented and asked staff to define daily capping. Ms. Outlaw clarified that the rider would not be charged more than the number of trips to give the rider the best fare possible. Board Member Moreno asked staff to differentiate between the alternative option of being charged a day pass. Ms. Outlaw replied that one tap would charge the user a day pass. Board Member Moreno asked if this was the best product the agency could offer that would be charged to everyone. Ms. Cooney replied that this was the fastest option the agency could acquire. Kristine Villa, MTS Deputy Fare Systems Administrator clarified that everyone using the open payment could be charged a day pass, but was not meant to replace the PRONTO best fare system. The open fare payment would not replace the PRONTO system, rather aims to gain new riders. Board Member Moreno asked if this payment method would be electronic. Ms. Villa replied that the rider would be using the banking system directly rather than using the closed loop PRONTO system and clarified that the validators would become mini points of sale throughout the system. Ms. Cooney added that because these are the two most viable options, the agency will need to

fully understand the implications of either option. Board Member Moreno asked what would incentivize riders to use this option rather than PRONTO. Ms. Outlaw clarified that this option is meant for one-time riders or tourists. Board Member Moreno was concerned that PRONTO riders would be inconvenienced because of the open loop system. Ms. Outlaw clarified that they would still have the ability to use the PRONTO card.

Chair Fletcher gave an example of a tourist that is willing to be charged more for the service for the sake of convenience. The agency's preference would continue to be riders using PRONTO and the system would still offer the best fare and convenience for a frequent rider. Ms. Outlaw also added that this option would not be available for reduced fares at first. The California Integrative Travel Project is working on a system that would identify information about people so reduced fare could be available for folks who use an open system banking method in the future. Board Member Moreno was concerned that the agency was prioritizing tourists over existing riders.

Board Member Hall asked who would take on credit card fees. Ms. Outlaw believed that it is the same merchant processing fee through PRONTO. Ms. Villa believed there may be additional interchange fees, but it would be the same merchant processor gateway that would be used and all fees have not been fully identified at this stage.

Board Member Hall supported the convenience of the open system.

Board Member Montgomery Steppe asked staff to clarify why both options were not available and one needed to be selected. Ms. Villa replied that the current PRONTO system allows the agency to control the configurations because it is the agency's stored value purse. The banking system does not allow the agency to have as much control and sets specific standards beyond that 2-hour fee window. Board Member Montgomery Steppe said she may need a further explanation.

Chair Fletcher re-stated that the PRONTO option continues to be the best, cheapest option, otherwise riders can tap to pay either one time or once every time they ride. It would be one message or the other.

Action Taken

Informational item only. No action taken.

OTHER ITEMS

8. Review of Draft March 16, 2023 Board Agenda

Recommended Consent Items

3. Approval of Minutes

Action would approve the February 16, 2023 Board of Director meeting minutes.

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.

5. Property Insurance Renewal

Action would authorize the Chief Executive Officer (CEO) to renew the property insurance coverage for the San Diego Metropolitan Transit System (MTS), San Diego Transit Corporation (SDTC), and San Diego Trolley, Inc. (SDTI) with the Public Risk Innovation, Solutions, and Management (PRISM) Property Insurance Program, effective March 31, 2023 through March 31, 2024, with various coverage deductibles of \$50,000 (real property, personal property and business interruption), \$100,000 (bus fleet), \$250,000 (light rail fleet) and \$3,000,000 sublimit each occurrence subject to a \$500,000 deductible for unscheduled infrastructure.

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.

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 \$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.

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.

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.

11. Blue Line Right of Way Retaining Wall – Work Order

Action would authorize the Chief Executive Officer (CEO) to execute Work Order No. MTSJOC348-01, under MTS Doc. No. PWG480.0-22, with Veterans Engineering Services, Inc. (Veterans), in the amount of \$1,241,292.37 for the installation of 550 linear feet of a new sheet pile retaining wall near Switch 85 along the Blue Line right-of-way.

Ms. Cooney replied that the March 16th meeting agenda was full and asked for the topics presented today to be divided between the March and April agendas.

Board Member Moreno suggested that the PRONTO update be taken in March, since the San Ysidro project is not on a quick timeline. Chair Fletcher asked that the PRONTO items be combined into one. Ms. Cooney agreed.

9. Other Staff Communications and Business

Ms. Cooney acknowledged that an inter-agency agreement had been signed to renew the Youth Opportunity Pass extension through the summer. SANDAG is planning to bring it through the budgeting process for next year for an additional year extension.

10. Committee Member Communications and Other Business

There was no Committee Member Communications and Other Business discussion.

11. Next Meeting Date

The next Executive Committee meeting is scheduled for April 13, 2023 at 9:00 a.m.

12. Adjournment

The meeting was adjourned at 10:40 a.m.

Chairperson
San Diego Metropolitan Transit System

Clerk of the Board
San Diego Metropolitan Transit System

Attachment: Roll Call Sheet

SAN DIEGO METROPOLITAN TRANSIT SYSTEM
EXECUTIVE COMMITTEE

ROLL CALL

MEETING OF (DATE):	<u>March 9, 2023</u>	CALL TO ORDER (TIME):	<u>9:00am</u>
RECESS:	<u> </u>	RECONVENE:	<u> </u>
CLOSED SESSION:	<u> </u>	RECONVENE:	<u> </u>
PUBLIC HEARING:	<u> </u>	RECONVENE:	<u> </u>
ORDINANCES ADOPTED:	<u> </u>	ADJOURN:	<u>10:40am</u>

REPRESENTING	BOARD MEMBER		ALTERNATE		PRESENT (TIME ARRIVED)	ABSENT (TIME LEFT)
City of San Diego	Elo-Rivera	<input type="checkbox"/>	Montgomery Steppe	<input checked="" type="checkbox"/>	9:03am	10:40am
County of San Diego Chair	Fletcher	<input checked="" type="checkbox"/>	Vargas	<input type="checkbox"/>	9:00am	10:40am
East County	Hall	<input checked="" type="checkbox"/>	Frank	<input type="checkbox"/>	9:00am	10:40am
SANDAG Transportation Committee	Moreno	<input checked="" type="checkbox"/>	Bush	<input type="checkbox"/>	9:01am	10:40am
South Bay	Bush	<input checked="" type="checkbox"/>	Leyba- Gonzalez	<input type="checkbox"/>	9:00am	10:40am
Vice Chair	Whitburn	<input checked="" type="checkbox"/>	No Alternate	<input type="checkbox"/>	9:00am	10:40am

SIGNED BY THE CLERK OF THE BOARD:

/s/ Dalia Gonzalez



Agenda Item No. 4

MEETING OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM EXECUTIVE COMMITTEE

April 13, 2023

SUBJECT:

CHAIRPERSON AND BOARD LEADERSHIP NOMINATION (KAREN LANDERS)

RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Executive Committee direct staff on the process to nominate a new Chairperson and Board Leadership, as necessary.

Budget Impact

None.

DISCUSSION:

Chair Fletcher has resigned as MTS Chairperson effective 3/28/2023. The two-year chair term expires 12/31/2023. Staff is requesting direction from the Executive Committee on the nomination process to appoint a new Chairperson and Board Leadership, as necessary.

Board Policy 22.6 provides:

22.6 Chairperson

Prior to the expiration of a Chairperson's term, the Executive Committee shall make a recommendation to the Board on whether to reelect the current Chairperson. In the event that the Board does not reelect a chairperson, **or in the event of a vacancy in the position of Chairperson, the Executive Committee shall create an ad hoc nominating committee that shall, by whatever means it deems appropriate, recommend to the Board a candidate or candidates for the position of Chairperson. The Board shall then vote to elect a Chairperson in accordance with Section 22.1.2(e).**

Under this provision, the Executive Committee may either appoint an ad hoc nominating committee to recommend one or more candidates to the Board, or it may act as its own nominating committee.



Public Utilities Code Section 120050.2 and MTS Board Policy 22.1.2(e) establish the procedure for selection of the MTS chairperson: "The chairperson shall be selected by a two-thirds vote of the board, a quorum being present. The chairperson shall serve for a term of two years, except that he or she is subject to removal at any time by a two-thirds vote of the board, a quorum being present."

/s/ Sharon Cooney
Sharon Cooney
Chief Executive Officer

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



**Metropolitan
Transit
System**

Board of Directors Draft Agenda

April 20, 2023 at 8:00 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 March 16, 2023 Board of Director meeting minutes.	Approve
4.	Fiscal Year (FY) 2022-2023 Low Carbon Transit Operations Program (LCTOP) Funding Action would: 1) Agree to comply with all conditions and requirements set forth in the Certification and Assurances Document, and applicable statutes, regulations, and guidelines for all LCTOP funded transit projects; and 2) Authorize the Chief Executive Officer (CEO), or designated representative, to execute all required documents of the LCTOP and any amendments thereto with the California Department of Transportation; and 3) Authorize the allocation of \$8,100,849 in Fiscal Year (FY) 2022-2023 LCTOP funding for the procurement of Battery Electric Buses (BEBs), which will reduce greenhouse gas emissions and improve mobility with a priority on serving Disadvantaged Communities (DAC); and 4) Certify that at least 50% of the total LCTOP funds received will be spent on projects or services that will benefit DACs identified in Section 39711 of the Health and Safety Code.	Approve



- | | | |
|----|--|---------|
| 5. | San Diego Transit Enforcement (SDTE) Patio Upgrade – Work Order Agreement
Action would authorize the Chief Executive Officer (CEO) to execute Work Order MTSJOC324-27 under Job Order Contract (JOC) to MTS Doc. No. PWG324.0-21 (in substantially the same format as Attachment A) with ABC General Contracting, Inc. (ABCGC), in the amount of \$149,913.51, for rehabilitating the patio area that is in use by SDTE officers adjacent to Building C. | Approve |
| 6. | Design Services for South Bay Maintenance Facility (SBMF) Electric Bus Charging Project – Work Order Agreement
Action would authorize the Chief Executive Officer (CEO) to execute Work Order No. WOA353-AE-18 (in substantially the same format as Attachment A) under MTS Doc No. PWL353.0-22 with Dokken Engineering (Dokken) in the amount of \$16192.32, for the design of charging platforms, separate add alternate bid package, and additional design support during construction (DSDC) services. | Approve |
| 7. | Special Trackwork Replacement – Work Order Agreement
Action would authorize the Chief Executive Officer (CEO) to execute Work Order WOA352-AE-12 under MTS Doc. No. PWL352.0-22 (in substantially the same format as Attachment A) with HDR Inc. (HDR), in the amount of \$413,230.03 for design services for special trackwork replacement at the Yard A track and Newton crossover. | Approve |
| 8. | Right-of-Entry Engineering Services – Work Order Agreement
Action would authorize the Chief Executive Officer (CEO) to execute Work Order WOA355-AE-10 under MTS Doc. No. PWL355.0-22 (in substantially the same format as Attachment A) with Psomas in the amount of \$475,914.28 to perform right-of-entry (ROE) engineering review services for a period of one (1) year to support the MTS Land Management Department. | Approve |
| 9. | MTS Transfer of Fee Interest in GSA Parking Lot to General Services Administration | Approve |

DISCUSSION AND REPORT ITEMS

- | | | |
|-----|--|---------------|
| 10. | Fiscal Year (FY) 2024 Operating Budget Discussion (Mike Thompson) | Informational |
| 11. | Fiscal Year (FY) 2024 Capital Improvement Program (CIP) (Mike Thompson)
Action would: 1) Approve the FY 2024 CIP with the estimated federal and nonfederal funding levels (Attachments A and B). As the federal appropriation figures are finalized and/or other project funding sources become available, allow the Chief Executive Officer (CEO) to identify and adjust projects for the adjusted funding levels; 2) Recommend that the San Diego Association of | Approve |

Governments (SANDAG) Board of Directors approve the submittal of Federal Section 5307, 5337, and 5339 applications for the MTS FY 2024 CIP (shown in Attachment A); and 3) Recommend that the SANDAG Board of Directors approve amendment number 3 of the 2023 Regional Transportation Improvement Program (RTIP) in accordance with the FY 2024 CIP recommendations.

- | | | |
|------------|--|-------------|
| 12. | Safety and Security Focus Group Results (Mark Olson) | |
| 13. | San Ysidro Transit Center Improvements Project Update (Denis Desmond, Beverly Neff) | Information |
| 14. | SANDAG Request for Innovative Concepts: Trolley Extension to Tijuana (Brent Boyd) | Information |

OTHER ITEMS

- | | | |
|------------|---|---------------|
| 15. | Chair's Report | Informational |
| 16. | Chief Executive Officer's Report | Informational |
| 17. | Board Member Communications | Informational |
| 18. | 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

- | | | |
|------------|--|------------------|
| 19. | Closed Session – Conference with Legal Counsel – Existing Litigation Pursuant to California Government Code Section 54956.9(d)(1)
<i>Grecia Figueroa v Nathan Fletcher, San Diego Metropolitan Transit System, et al. San Diego Superior Court Case No. 37-2023-00012828-CU-OE-CTL</i> | Potential Action |
|------------|--|------------------|

ADJOURNMENT

- | | | |
|------------|---|--|
| 20. | Next Meeting Date
The next Board of Director's meeting is scheduled for May 18, 2023 at 9:00am. | |
| 21. | Adjournment | |



DRAFT FOR EXECUTIVE COMMITTEE REVIEW DATE: 4/13/2023

Agenda Item No. 4

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

April 20, 2023

SUBJECT:

Fiscal Year (FY) 2022-2023 Low Carbon Transit Operations Program (LCTOP) Funding

RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors adopt Resolution No. 23-03 in order to:

- 1) Agree to comply with all conditions and requirements set forth in the Certification and Assurances Document, and applicable statutes, regulations, and guidelines for all LCTOP funded transit projects; and
- 2) Authorize the Chief Executive Officer (CEO), or designated representative, to execute all required documents of the LCTOP and any amendments thereto with the California Department of Transportation; and
- 3) Authorize the allocation of \$8,100,849 in Fiscal Year (FY) 2022-2023 LCTOP funding for the procurement of Battery Electric Buses (BEBs), which will reduce greenhouse gas emissions and improve mobility with a priority on serving Disadvantaged Communities (DAC); and
- 4) Certify that at least 50% of the total LCTOP funds received will be spent on projects or services that will benefit DACs identified in Section 39711 of the Health and Safety Code.

Budget Impact

Resolution No. 23-03 would authorize the allocation of \$8,100,849 in FY 2022-2023 LCTOP funding for future BEB Procurement Projects.

DISCUSSION:

The LCTOP is one of several programs that are part of the Transit, Affordable Housing, and Sustainable Communities Program established by the California Legislature in 2014 by Senate Bill 862. The LCTOP is a formula-based program, which provides operating and capital assistance



for transit agencies to reduce greenhouse gas emissions and improve mobility, with a priority on serving disadvantaged communities.

As a condition of the LCTOP, MTS must agree to comply with specific terms and conditions outlined in the LCTOP Certification and Assurances Form. In addition, the Board must authorize the CEO, or their designated representative, to execute all required documents of the LCTOP and amendments thereto with the California Department of Transportation.

Upon approval by the MTS Board, MTS will use the requested FY 2022-23 LCTOP apportionment of \$8,100,849 and future FY23-24, FY24-25 and FY25-26 LCTOP apportionments to fund future BEB procurement projects.

The LCTOP requires that the Board Resolution state DAC requirements if the service area of the implementing agency includes any DACs as identified by the California Environmental Protection Agency (CalEPA). The MTS service area includes 37 DACs as identified by CalEPA. Hence, MTS is required to certify that at least 50% of the total LCTOP funds received will be spent on projects or services that benefit DACs identified in Section 39711 of the Health and Safety Code. MTS staff has conducted an analysis of the project areas and determined that both projects will provide direct and meaningful benefits to DACs in the MTS service area, indicating that one hundred percent of the allocated funds will provide benefits to DACs.

Therefore, staff recommends the MTS Board of Directors adopt Resolution No. 23-03 in order to:

- 1) Agree to comply with all conditions and requirements set forth in the Certification and Assurances Document, and applicable statutes, regulations, and guidelines for all LCTOP funded transit projects; and
- 2) Authorize the Chief Executive Officer (CEO), or designated representative, to execute all required documents of the LCTOP and any amendments thereto with the California Department of Transportation; and
- 3) Authorize the allocation of \$8,100,849 in Fiscal Year (FY) 2022-2023 LCTOP funding for the procurement of Battery Electric Buses (BEBs), which will reduce greenhouse gas emissions and improve mobility with a priority on serving Disadvantaged Communities (DAC); and
- 4) Certify that at least 50% of the total LCTOP funds received will be spent on projects or services that will benefit DACs identified in Section 39711 of the Health and Safety Code.

/s/ Sharon Cooney
Sharon Cooney
Chief Executive Officer

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

Attachment: A. Resolution No. 23-03

SAN DIEGO METROPOLITAN TRANSIT SYSTEM

Resolution No. 23-03

Resolution Authorizing the Execution of the Certifications and Assurances and Authorized Agent Forms for the 2022-2023 Low Carbon Transit Operations Program (LCTOP), and the Application of \$8,100,849 FY 2022-2023 LCTOP funding for future Battery Electric Bus Procurement Projects

WHEREAS, the San Diego Metropolitan Transit System (MTS) is an eligible project sponsor and may receive state funding from the LCTOP now or sometime in the future for transit projects; and

WHEREAS, the statutes related to state-funded transit projects require a local or regional implementing agency to abide by various regulations; and

WHEREAS, Senate Bill 862 named the California Department of Transportation as the administrative agency for the LCTOP; and

WHEREAS, the Department has developed guidelines for the purpose of administering and distributing LCTOP funds to eligible project sponsors (local agencies); and

WHEREAS, MTS wishes to delegate authorization to execute these documents and any amendments thereto to Sharon Cooney, Chief Executive Officer (CEO), and designated representatives; and

WHEREAS, MTS wishes to allocate \$8,100,849 from FY 2022-2023 LCTOP funds for the future Battery Electric Bus Procurement Project.

NOW THEREFORE, BE IT RESOLVED, DETERMINED, AND ORDERED by the MTS Board of Directors (Board), that MTS agrees to comply with all conditions and requirements set forth in the Certification and Assurances document, and applicable statutes, regulations, and guidelines for all LCTOP funded transit projects.

BE IT FURTHER RESOLVED by the Board that the CEO, or designated representative, be authorized to execute all required documents of the LCTOP program and any Amendments thereto with the California Department of Transportation.

BE IT FURTHER RESOLVED by the Board that MTS be authorized to apply for and use the FY 2022-2023 LCTOP funds, for a future BEB procurement project.

BE IT FURTHER RESOLVED by the Board that MTS agrees to spend at least 50% of all LCTOP funds received on projects or services that benefit SB535 Disadvantaged Communities.

PASSED AND ADOPTED, by the Board of Directors this 20th day of April, 2023 by the following vote:

AYES:

NAYS:

ABSENT:

ABSTAINING:

Chairperson
San Diego Metropolitan Transit System

Filed by:

Approved as to form:

Clerk of the Board
San Diego Metropolitan Transit System

General Counsel
San Diego Metropolitan Transit
System

Resolution No. 23-03



DRAFT FOR EXECUTIVE COMMITTEE REVIEW DATE: 4/13/2023

Agenda Item No. 5

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

April 20, 2023

SUBJECT:

San Diego Transit Enforcement (SDTE) Patio Upgrade – Work Order Agreement

RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute Work Order MTSJOC324-27 under Job Order Contract (JOC) to MTS Doc. No. PWG324.0-21 (in substantially the same format as Attachment A) with ABC General Contracting, Inc. (ABCGC), in the amount of \$149,913.51, for rehabilitating the patio area that is in use by SDTE officers adjacent to Building C.

Budget Impact

The total cost of this contract is estimated to be \$149,913.51. Under separate MTS Doc No. L1282.0-16, with The Gordian Group, MTS will pay a 1.95% JOC software license fee in the amount of \$2,923.31. This project is funded by MTS Capital improvement Project (CIP) WBSE 2006119001 – SDTE Patio Upgrade

DISCUSSION:

With the opening of the Mid-Coast Trolley extension, the MTS Transit Enforcement and Passenger Security staff levels have increased to support the additional track and stations. Due to the increase in personnel, there is limited work and break space within the Security area at Building C. There is an outdoor patio immediately adjacent to the Security lunch room, however this patio is exposed to the elements as it has no cover or walls.

This project consists of enclosing the exterior patio area by constructing new walls and a full roof over the existing shade structure as well as installing built-in counters, stools and picnic-style tables to create an additional weatherproof space to allow for Security personnel to conduct daily briefings, complete paperwork and take breaks.

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 Building C patio rehabilitation. Work is expected to be completed by June 2023. There are five (5) subcontractors for this work order, listed within Attachment A.

Therefore, staff recommends that the MTS Board of Directors authorize the CEO to execute Work Order MTSJOC324-27 under JOC MTS Doc. No. PWG324.0-21 (in substantially the same format as Attachment A) with ABCGC, in the amount of \$149,913.51 for rehabilitating the patio area that is in use by SDTE officers adjacent to Building C.

/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 MTSJOC324-27



Metropolitan Transit System

JOB ORDER CONTRACT WORK ORDER

PWG324.0-21
CONTRACT NUMBER

MTSJOC324-27
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 \$149,913.51

<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)

DRAFT



San Diego Metropolitan Transit System

1255 Imperial Ave
San Diego, California 92101

Final Scope of Work

Date: 3/21/2023

Job Order Contracting

To:

From:

Contract No: PWG324.0-21

Job Order No: MTSJOC324-27

Job Order Title: SDTE Building C Patio Improvements

Location: Building C
1535 Newton Ave Yard Tower, & Paint Booth
San Diego, CA 92113

Brief Scope of Work: Renovate the existing exterior SDTE patio at building C for use as a partially enclosed break/briefing space with an enclosed roof.

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.

SECTION 7- SCOPE OF WORK/MINIMUM TECHNICAL SPECIFICATIONS

SECTION 7-1 GENERAL

Within the Trolley Building C yard, there is an exterior, partially covered patio. The existing break room is an insufficient space for the new staff with the expansion with Mid-Coast. This project generally consists of the rehabilitation of the existing exterior patio and renovating it into additional usable break/work space for Transit Enforcement at Building C.

All work is to occur within Building C railyard located at 1535 Newton Ave., San Diego 92113.

SECTION 7-2 STAGING

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

SECTION 7-3 TEMP FACILITIES

Contractor may use site power and water, but is responsible for any additional utilities beyond those in place.

SECTION 7-4 SAFETY AND ACCESS

Diligent caution must be taken during the undertaking of this work. All work will occur within the trolley yard near active vehicle lanes and all cell phone policies will be strictly enforced. Key personnel will be granted badges for access. Only vehicles necessary for the performance of the work shall be parked within the yard adjacent to the Building C patio or west of the security office.

SECTION 7-5 WASTE

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

SECTION 7-6 SCHEDULE AND SEQUENCING

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

SECTION 7-7 DETAILED SCOPE OF WORK:

SDTE Building C Patio Improvements DSOW

With the mid-coast expansion, more Transit Enforcement Officers were needed and with this growth, there was no longer suitable space in the existing break or work room areas. This project generally consists of installing new walls and weatherproofing the existing canopy at the outdoor patio area to create an additional work and break area to create more space for working in and taking breaks

Contractor is to perform the following general tasks as part of the project:

Demo and dispose of all existing louvers in the existing canopy. Cursory grind existing concrete to clean off gum, epoxy, and paint. Clean existing joints in concrete and re-caulk expansion joints. Provide and install new ledger, frame in, and sheet new roof over/inside entire canopy using plywood, and install new standing seam metal over plywood; interior ceiling of canopy to be determined. Pour new concrete L-shaped curb at the north end, to receive new wall to be framed under the edge of the existing canopy. Provide and install new steel column on both corners of existing canopy as needed to carry new load of standing seam roofing. Provide and install two (2) new 4'x8' operable windows in the new north wall and new west wall. Sheet new exterior walls with T1-11. Sheet new interior walls with drywall. Finish drywall with hold-off and caulking

along bottom edge against concrete. Provide new LED light fixtures with occupancy sensor. During operation hours for lights, they are to dim, not shut off. Provide and install new gutters with downspouts on long face or west of canopy with downspouts running down existing CMU column. Prep/prime/paint all new walls/joists. Additional finishes and paint colors are TBD.

Contractor is also to dispose of existing concrete picnic table, and provide and install new stainless steel or aluminum, bench style, picnic tables. Table tops are to be smooth to facilitate writing.

Eli Belknap, Manager of Capital Projects

Date

Noah Cappadocia, Project Manager

Date

EXHIBIT B
(Cost Breakdown)

DRAFT

Price Proposal Detail Report



By Division

Version: 2.0

Approved

Proposal Value: \$149,913.51

Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113

Att. A, AI 5, 4/20/2023

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	\$11,390.30	\$0.00	\$0.00	\$11,390.30
02	Existing Conditions	\$2,948.60	\$0.00	\$0.00	\$2,948.60
03	Concrete	\$2,442.29	\$0.00	\$0.00	\$2,442.29
05	Metals	\$68,066.19	\$0.00	\$0.00	\$68,066.19
06	Wood, Plastics, and Composites	\$1,117.10	\$0.00	\$0.00	\$1,117.10
07	Thermal And Moisture Protection	\$49,677.73	\$0.00	\$0.00	\$49,677.73
08	Openings	\$763.27	\$0.00	\$0.00	\$763.27
09	Finishes	\$3,982.90	\$0.00	\$0.00	\$3,982.90
10	Specialties	\$1,068.11	\$0.00	\$0.00	\$1,068.11
26	Electrical	\$8,457.02	\$0.00	\$0.00	\$8,457.02
Line Count: 52		Proposal Total:			\$149,913.51

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: \$149,913.51

Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113



Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.
Contract Number: PWG324.0-21
Contract Name: JOC Building and Facilities Construction Services. - Option 2

01 General Requirements								\$11,390.30
Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
1	012216000004	Reimbursable Fees	Installation	716.00	\$1.00	EA	1.0000	\$716.00
Accepted		History: 2.0 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: 500 Setup + 216 PW truck fee for slurry						
		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:								\$716.00
2	012223000054	17' Electric, Scissor Platform Lift	Installation	2.00	\$599.04	MO	1.0715	\$1,283.74
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 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 the duration (1 month)						
		Item Note:						
Total:								\$1,283.74
3	012223000812	250 To 299 Amperes, Diesel Powered Towable Welding Machine	Installation	1.00	\$281.67	WK	1.0715	\$301.81
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0715	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: Used for onsite Metal Fabrication						
		Item Note:						
Total:								\$301.81

Price Proposal Detail Report



By Division

Version: 2.0

Approved

Proposal Value: \$149,913.51

Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113

Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

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

4	012223001318	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	Installation	1.00	\$3,599.37	WK	1.0715	\$3,856.72
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	WK	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment No	Includes Materials Yes				
		User Note: Used for onsite Metal Fabrication						
		Item Note:						
							Total:	\$3,856.72
5	012223001330	13 CY Rear Dump Truck With Full-Time Truck Driver	Installation	1.00	\$1,621.69	DAY	1.0715	\$1,737.64
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 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: demo'd louvers						
		Item Note:						
							Total:	\$1,737.64
6	014523000127	Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge	Installation	1.00	\$1,174.86	EA	1.0715	\$1,258.86
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 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: Before Anchoring new Anchors in Concrete Building Wall						
		Item Note:						
							Total:	\$1,258.86

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

Version: 2.0

Approved

Proposal Value: \$149,913.51

Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113



Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

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

7	017113000002	First 25 Miles, Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck	Installation	3.00	\$230.26	EA	1.0715	\$740.17
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 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: Fork lift and 2 Scissor 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:	\$740.17
8	017123160019	Survey Clear Area For Underground Utilities	Installation	0.10	\$5,567.02	ACR	1.0715	\$596.51
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 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: Mark out before drilling flatwork						
		Item Note:						
							Total:	\$596.51
9	017413000003	Collect Existing Debris And Load Into Truck Or Dumpster	Installation	13.00	\$21.83	CY	1.0715	\$304.08
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CY	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials No				
							Total:	\$304.08
10	017419000021	Rampless Concrete Washout Bin	Installation	1.00	\$555.08	MO	1.0715	\$594.77
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	MO	1.0715	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
							Total:	\$594.77
02 Existing Conditions								\$2,948.60
Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report



By Division

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Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113

Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

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

11	024119130281	5/8" Diameter Drilling In Concrete Per Inch Of Depth	Installation	1,176.00	\$2.34	IN	1.0715	\$2,948.60
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	IN	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

User Note: Dowels for Grade Beam / Curb: 32x 13" = 416
Wall Track on Curb: 48x 6" = 288
Posts (2) Anchors: 8x 8" = 64
Header all Building: 34x 12" = 408
Total: 1,176

Item Note:

Total: \$2,948.60

03 Concrete \$2,442.29

Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
12	031113000006	Grade Beams Or Duct Bank Foundation Wood Formwork	Installation	64.00	\$7.33	SF	1.0715	\$502.66
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	SF	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Total: \$502.66

13	032111000243	5/8" Diameter x 24" Long, Deformed Straight Dowel	Installation	32.00	\$3.17	EA	1.0715	\$108.69
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Total: \$108.69

14	032113000003	#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	Installation	64.00	\$1.10	LF	1.0715	\$75.43
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	LF	1.0715	\$0.00
Includes Labor Yes Includes Equipment No Includes Materials Yes								

Total: \$75.43

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report



By Division

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Proposal Value: \$149,913.51

Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113

Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.
Contract Number: PWG324.0-21
Contract Name: JOC Building and Facilities Construction Services. - Option 2

15	033113000035	Direct Chute, Place 3,000 PSI Concrete Grade Beams	Installation	3.00	\$166.11	CY	1.0715	\$533.96
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CY	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Total:	\$533.96
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16	036423000002	Pressure Injected Epoxy Grout	Installation	1.00	\$1,140.04	CF	1.0715	\$1,221.55
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CF	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

User Note: For Dowels and Anchors (66)
Item Note:

Total:	\$1,221.55
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05 Metals	\$68,066.19
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Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
17	050519000019	5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	Installation	56.00	\$22.23	EA	1.0715	\$1,333.89
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

User Note: For Posts and Track
Item Note:

Total:	\$1,333.89
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18	050521000006	>15 Spot Weldings, Welds Up To 1" Length Each	Installation	300.00	\$8.10	EA	1.0715	\$2,603.75
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Total:	\$2,603.75
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Price Proposal Detail Report

By Division

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Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113



Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

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

19	050521000011	1/4" Vertical Fillet Weld	Installation	170.00	\$19.08	LF	1.0715	\$3,475.52
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	LF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
Total:								\$3,475.52
20	050521000024	1/4" Horizontal Or Flat Fillet Weld	Installation	170.00	\$16.07	LF	1.0715	\$2,927.23
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	LF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
Total:								\$2,927.23
21	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, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$1,064.86	TON	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
Total:								\$37,325.81
22	051223000051	Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items	Installation	300.00	\$2.47	LB	1.0715	\$793.98
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.56	LB	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment No	Includes Materials Yes				
Total:								\$793.98

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report



By Division

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Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113

Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

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

23	051223000120	1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates	Installation	0.50	\$7,912.40	TON	1.0715	\$4,239.07
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	TON	1.0715	\$0.00
		Includes Labor No	Includes Equipment No	Includes Materials Yes				
		User Note: New Header Plate on Building						
		Item Note:						
							Total:	\$4,239.07
24	051223000132	Metal Grinding Up To 1/32" Thickness To Be Removed	Installation	5,012.00	\$0.70	SI	1.0715	\$3,759.25
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 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: Cutting out existing Louvers						
		Item Note: Includes rust or scale removal on metal and smoothing surface.						
							Total:	\$3,759.25
25	054100000017	8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	Installation	320.00	\$5.76	SF	1.0715	\$1,974.99
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.98	SF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$1,974.99
26	057500000023	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	Installation	108.00	\$83.24	SF	1.0715	\$9,632.70
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$4.19	SF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
		User Note: Countertop, 36x3						
		Item Note:						
							Total:	\$9,632.70
06 Wood, Plastics, and Composites								\$1,117.10

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By Division

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Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113



Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.
Contract Number: PWG324.0-21
Contract Name: JOC Building and Facilities Construction Services. - Option 2

Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
27	061633000005	5/8" Thick CDX Plywood Roof Decking	Installation	576.00	\$1.81	SF	1.0715	\$1,117.10
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.54	SF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
								</

Price Proposal Detail Report



By Division

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Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113

Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

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

31	072613000004	Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute)	Installation	576.00	\$31.61	CSF	1.0715	\$19,509.19
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CSF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$19,509.19
32	072613000010	Building Wrap (Tyvek)	Installation	320.00	\$47.04	CSF	1.0715	\$16,129.08
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	CSF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$16,129.08
33	074113000039	Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	Installation	36.00	\$25.31	LF	1.0715	\$976.31
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$4.86	LF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$976.31
34	074113000040	Eave Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	Installation	68.00	\$19.96	LF	1.0715	\$1,454.33
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$4.86	LF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$1,454.33

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report

By Division

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Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113



Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

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

35	074113000048	Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	Installation	576.00	\$10.42	SF	1.0715	\$6,431.06
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$2.03	SF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$6,431.06
36	074629000002	5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud	Installation	320.00	\$2.07	SF	1.0715	\$709.76
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.62	SF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$709.76
37	077123000015	6", 0.027" Thick, Box Style Aluminum Gutter	Installation	36.00	\$10.25	LF	1.0715	\$395.38
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$2.04	LF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$395.38
38	077123000029	6", Box Style Aluminum Gutter End Cap	Installation	4.00	\$6.64	EA	1.0715	\$28.46
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$28.46

* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report



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Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113

Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

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

39	077123000042	6", Box Style Aluminum Gutter Miter	Installation	2.00	\$36.91	EA	1.0715	\$79.10
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	EA	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Total:	\$79.10
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08 Openings \$763.27

Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
40	085113000228	>10 To 15 SF Window, Aluminum Window Panning	Installation	2.00	\$356.17	EA	1.0715	\$763.27
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$78.78	EA	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Total:	\$763.27
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09 Finishes \$3,982.90

Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
41	092910000009	5/8" Type X Fire Rated Gypsum Board	Installation	320.00	\$1.54	SF	1.0715	\$528.04
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.52	SF	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Total:	\$528.04
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42	099113000110	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Primer, Brush/Roller Work	Installation	320.00	\$1.02	SF	1.0715	\$349.74
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	SF	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Total:	\$349.74
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Price Proposal Detail Report

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Proposal Value: \$149,913.51

Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113



Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.

Contract Number: PWG324.0-21

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

43	099113000112	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 2 Coats Paint, Brush/Roller Work	Installation	320.00	\$2.03	SF	1.0715	\$696.05
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	SF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$696.05
44	099113000461	1 Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim	Installation	320.00	\$0.91	SF	1.0715	\$312.02
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	SF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment No	Includes Materials Yes				
							Total:	\$312.02
45	099113000463	2 Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim	Installation	320.00	\$1.67	SF	1.0715	\$572.61
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	SF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$572.61
46	099656000002	High Build Epoxy - 50 Mil	Installation	576.00	\$2.47	SF	1.0715	\$1,524.44
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$0.00	SF	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$1,524.44
10 Specialties								\$1,068.11
Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total

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Price Proposal Detail Report

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Proposal Value: \$149,913.51

Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113



Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.
Contract Number: PWG324.0-21
Contract Name: JOC Building and Facilities Construction Services. - Option 2

47	105616000013	24" Wide, 3/4" Plywood Shelf With Edge Band	Installation	36.00	\$27.69	LF	1.0715	\$1,068.11
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$6.69	LF	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Total:	\$1,068.11
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26 Electrical \$8,457.02

Record #	CSI Number	Description	Type	Quantity	Unit Price	UOM	Factor	Line Total
48	260519130009	Single, Direct Connected, Receptacle With Box	Installation	6.00	\$101.87	EA	1.0715	\$654.92
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$11.54	EA	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Total:	\$654.92
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49	260526000020	12 AWG Copper Insulated Single Stranded Conductor	Installation	1.00	\$741.13	MLF	1.0715	\$794.12
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$217.40	MLF	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Total:	\$794.12
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50	260533130596	3/4" Electrical Metallic Tubing (EMT) Conduit	Installation	150.00	\$4.33	LF	1.0715	\$695.94
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$1.44	LF	1.0715	\$0.00
Includes Labor Yes Includes Equipment Yes Includes Materials Yes								

Total:	\$695.94
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* Includes Price Changes due to Construction Task Catalog update

Price Proposal Detail Report



By Division

Version: 2.0

Approved

Proposal Value: \$149,913.51

Approved Date: March 2, 2023

Job Order: MTSJOC324-27

Job Order Name: SDTE Building C Patio Improvements

Location: Building C 1535 Newton Ave San Diego, CA 92113

Att. A, AI 5, 4/20/2023

Contractor: ABC General Inc.
Contract Number: PWG324.0-21
Contract Name: JOC Building and Facilities Construction Services. - Option 2

51	260923000119	4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4)	Installation	1.00	\$1,428.36	EA	1.0715	\$1,530.49
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$110.73	EA	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$1,530.49
52	265619000194	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	Installation	4.00	\$1,115.62	EA	1.0715	\$4,781.55
Accepted		History: 2.0 Accepted, 1.3 Accepted, 1.2 Accepted, 1.1 Added	Demo:	0.000000	\$84.45	EA	1.0715	\$0.00
		Includes Labor Yes	Includes Equipment Yes	Includes Materials Yes				
							Total:	\$4,781.55
							Proposal Total:	\$149,913.51
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)

DRAFT

San Diego Metropolitan Transit System

1255 Imperial Ave
San Diego, CA 92101

Subcontractor Report

Date: 3/21/2023

Job Order Contracting

Att. A, AI 5, 4/20/2023

Contract #: PWG324.0-21
Job Order #: MTSJOC324-27
Job Order Title: SDTE Building C Patio Improvements
Location: Building C
Contractor: ABC General Inc.
Subcontractors: A&S Flooring Inc.
ARCHIBALD SHEET METAL, INC
C.E. CRIST INC
Harborside Construction Inc
Titan Steel

Subcontractor Name	License Number	Describe Nature of Work (Trade)	Certifications	Subcontractor Total	%
A&S Flooring Inc. 2461 Fenton St, Chula Vista, CA 91914	801134	Carpet layer		\$6,000.00	4.00%
ARCHIBALD SHEET METAL, INC 12424 Lakeshore Dr, Lakeside, CA 92040	896379	Sheet Metal		\$20,000.00	13.34%
C.E. CRIST INC 11213 El Nopal, Lakeside, CA 92040	532947	Concrete		\$8,500.00	5.67%
Harborside Construction Inc 2010 Garrison Way, El Cajon, CA 92019	730817	Carpenter		\$35,250.00	23.51%
Titan Steel 955 VERNON WAY, El Cajon, CA 92020	537924	Ironworker (or steel erector)		\$29,460.00	19.65%



DRAFT FOR EXECUTIVE COMMITTEE REVIEW DATE: 4/13/2023

Agenda Item No. 6

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

April 20, 2023

SUBJECT:

Design Services for South Bay Maintenance Facility (SBMF) Electric Bus Charging Project – Work Order Agreement

RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute Work Order No. WOA353-AE-18 (in substantially the same format as Attachment A) under MTS Doc No. PWL353.0-22 with Dokken Engineering (Dokken) in the amount of \$161,392.32, for the design of charging platforms, separate add alternate bid package, and additional design support during construction (DSDC) services.

Budget Impact

The total cost of this contract is estimated to be \$161,392.32. The project is funded by MTS Capital Improvement Program (CIP) budget number 1009108401 – Charging Infrastructure at SBMF – Design.

DISCUSSION:

MTS currently operates and maintains a fleet of 235 Compressed Natural Gas (CNG) buses at the SBMF. In 2018, MTS staff applied for and received a Transit and Intercity Rail Capital Program (TIRCP) grant to add a new Rapid Bus service between Imperial Beach and the Otay Mesa International Border crossing, connecting both communities to the Blue Line Trolley (Iris Rapid). Consistent with the grant program's goal to significantly reduce emissions of greenhouse gases, the new Iris Rapid route will be served by 12 new, 60-foot battery electric buses (BEB).

The new Iris Rapid service will be called Rapid Bus Route 925, operating at 7.5-minute headways in the peak hours, with buses from the SBMF on Main Street in Chula Vista. The charging infrastructure for these 12 new buses is needed to charge the buses overnight for morning service pull-out. As defined in the SBMF Master Plan, Phase 1 is the installation of chargers for 12 new 60-foot BEB's to support the Iris Rapid Project.



On March 19, 2020 (AI 9), the Board approved a work order to Dokken for the SBMF electric bus concept layouts design work, including the preparation of a conceptual design for a full facility conversion to an all-electric bus fleet through phased installations. Dokken was selected from the MTS-SANDAG as-needed architectural & engineering (A&E) design consulting services list, which was created on January 12, 2016, following a competitive process.

Various amendments were approved after that date to reflect additional design and provide Design Services During Construction (DSDC). Today's proposed action would approve a new, additional work order to Dokken for additional work related to this project. Because the original On-Call A&E Design Services panel has expired and been replaced with a new competitively bid panel, the additional work order will be issued to Dokken under the new contract.

On September 15, 2021, MTS issued a solicitation for On-Call A&E Design Services by Requesting Statements of Qualifications (RFSQ) from firms with expertise in a variety of A&E design and related consulting services separated into the following three (3) categories:

- Category A: Comprehensive/Full Service - Five (5) prime contracts
- Category B: Small Business (SB) Set Aside - Three (3) prime contracts awarded to a certified SB or a Disadvantage Business Enterprise (DBE) certified firm (which is also considered to be an SB)
- Category C: Specialty Prime – Up to Five (5) specialty service contracts

On May 12, 2022 (AI 10), seven (7) firms were selected to perform various A&E services as part of MTS's On-Call panel, one of which was Dokken. For projects requiring A&E Services, work orders are issued to any of these seven (7) firms.

MTS staff reviewed the approved A&E firms and utilizing a direct award process, selected Dokken to perform the requisite services. Dokken had previously completed a significant portion of this project. Based on the level of effort and the design work involved for this project, staff determined the contract price to be fair and reasonable.

Under today's proposed work order, Dokken will provide design of the charging platforms, preparation of a bid package for the add alternates, and additional DSDC services for an additional four (4) months of construction to address request for information (RFI's) and submittal packages from the construction contractor, and any minor design changes.

This Work Order and amendments issued to Dokken under MTS's prior on-call panel process are summarized below:

Work Order No.	Purpose	Amount	Board Approval Date
WOA2075-AE-50	Original Work Order – SBMF ZEB Electric Bus Concept Layouts	\$328,320.14	3/19/20, Item 9
WOA2075-AE-50.01	Amendment 1 – Final Design Phase 1	\$663,346.87	10/15/20, Item 15
WOA2075-AE-50.02	Amendment 2 – Add Phase 2 and modify charger ratio	\$88,412.96	6/17/21, Item 8
WOA2075-AE-50.03	Amendment 3 – Add Natural Gas Generator	\$36,896.94	6/17/21, Item 8

WOA2075-AE-50.04	Amendment 4 – Add DSDC services	\$297,720.80	10/21/21, Item 15
WOA353-AE-18	New work order agreement under new A&E master agreement for additional DSDC and design services.	\$161,392.32	Today's proposed action.
Total		\$1,576,090.03	

For this work order, Dokken will utilize the following subcontractor:

Firm Name	Classification	Value of Services
WSP	None	\$105,473.20

Therefore, staff recommends that the MTS Board of Directors authorize the CEO to execute Work Order No. WOA353-AE-18 (in substantially the same format as Attachment A) under MTS Doc No. PWL353.0-22 with Dokken in the amount of \$161,392.32, for the design of charging platforms, separate add alternate bid package, and additional DSDC services.

/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 WOA353-AE-18, MTS Doc No. PWL353.0-22



**Metropolitan
Transit
System**

Att. A, AI 6, 4/20/2023

April 20, 2023

MTS Doc. No. PWL353.0-22
WOA353-AE-18

Mr. John Klemunes, PE
Regional Manager
Dokken Engineering
1450 Frazee Road, Suite 100
San Diego, CA 92108

Dear Mr. Klemunes:

Subject: WORK ORDER WOA353-AE-18, TO MTS DOC. NO. PWL353.0-22, DESIGN SERVICES
FOR SOUTH BAY MAINTENANCE FACILITY (SBMF) ELECTRIC BUS CHARGING
PROJECT

This letter shall serve as Work Order WOA353-AE-18, under the General Engineering Consultant Agreement, MTS Doc. No. PWL353.0-22, as further described below.

SCOPE OF SERVICES

This Agreement shall provide design services for SBMF Electric Bus Charging Project (Attachment A).

SCHEDULE

The Schedule shall be through completion of construction services from the date of the Notice to Proceed.

PAYMENT

Payment shall be based on actual costs in the revised amount of \$161,392.32, and shall not be exceeded without prior authorization of MTS (Attachment B).



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

Sincerely,

Accepted:

Sharon Cooney
Chief Executive Officer

John Klemunes, PE
Regional Manager, Dokken Engineering

Date: _____

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

DRAFT

ATTACHMENT A SCOPE OF SERVICES

DRAFT

I. SCOPE OF SERVICES

This work order is for the design of Charging Platforms, separate Add Alternate RFP Package and a continuation of Design Services During Construction which includes the following:

- Charging Platforms design.
- Preparation of an RFP package for the Add Alternates.
- Provide additional support during the construction phase for an additional 4 months of construction (March 2023 through June 2023) to address RFI's and Submittal packages, and any minor design changes. .

TASK 1: PROJECT MANAGEMENT

1.1. Project Management

The consultant will provide project management services that will include monthly progress reports, invoicing and administration of the project over the additional anticipated 4 month construction and closeout period.

- Prepare and submit monthly progress reports. Each report shall include summary of tasks in progress and completed, and projected tasks to be accomplished in the next period.

TASK 2: CHARGING PLATFORMS

2.1. Charging Platforms

MTS decided to change from the individual charging stands (part of the original design) to 2 charging platforms that will each accommodate up to 8 charges.

- Consultants structural and electrical team will provide design services to design charging platforms. This effort will include modeling the existing (as-built) locations of the conduit stubs through the new island slab. The 3-D modeling was necessary to ensure all connections could be properly made to the new, set to be installed chargers.
- In response to RFI 44, Consultants structural team will provide a new plan sheet to include plan, elevation and details for the fabrication of the new platform design.

TASK 3: RFP PACKAGE FOR ADD ALTERNATES

3.1. RFP Package for Add Alternates

At the request of MTS, the design team has been requested to prepare an RFP package of the added alternates for this project: Generator, Battery Storage & Photo-Voltaic.

- Prepare and submit a stand-alone plan set to include new and reformatted plan sheets and specifications, specific to the items listed above. This submittal must take into consideration the field changes that have taken place during construction of the previous phase of work.
- Although the majority of the information required in this RFP had previously been prepared (i.e. plans and specifications), a significant effort from the team has been required and is outlined below:
 - Drawings to be updated: All CAD files needed to be updated to include splitting existing work out onto new layers and revise notes; add additional details for work to be completed as part of this scope include:
 - G-0 Cover Sheet
 - C.1 Civil General Notes
 - C.2 Demolition Plan

- C.3 Civil General Plan
- C.4 Civil Details
- C.5 Utility Plan
- ES.1 Electrical Site Plan
 - Update equipment to meet as built conditions,
 - modify notes on new vs existing,
 - add overall scope to general notes
- E.2 Enlarged Site Plan
 - Update Substation A and pads to match as built conditions,
 - modify notes on new & existing
- E.3 Enlarged Site Plan
 - Update Substation B and chargers.
 - Add notes for PV Inverter installation, coordination, and raceways
- E.10 Electrical Details
 - Remove and revise some details
- E.11A Unit Substation A Details
 - Revise to match as-builts as designed conditions changed (only one MV feeder)
 - change layout and update new equipment
- E.11B Unit Substation B
 - Revise to match as-builts
 - Update minor corrections from previous plans
- E.12 Single Line Diagram
 - Revise drawing to match existing, new, future.
 - Add detailed information on circuits
 - Update some coordination issues (PV circuit breakers)
 - Add details regarding MEMS control circuits
- E.12A Single Line Diagram Details & Sequence of Operations
 - Write new sequence of operations describing how DERs and utility should behave to optimize cost & reliability.
- Specifications to be Reviewed and Expanded
 - 26 37 13 – Microgrid Energy Management System
 - Need to be expanded with communications standards for BESS, Generator, and PV Inverters
 - Reference to Sequence of Operations
 - 26 13 13 – MV Switchgear & 26 11 16 Secondary Unit Substation
 - Expand and clarify requirements for paralleling switchgear capabilities for Genset & BESS to operate as described by client

TASK 4: DESIGN SERVICES DURING CONSTRUCTION

Provide additional design support services during construction (DSDC) as directed by the MTS Project Manager. The budget for DSDC included is programmed to provide services to MTS for the period beginning in March 1, 2023 and end June 30, 2023 the anticipate end of the construction period (anticipated to be a 4-month duration) plus project closeout.

DSDC effort shall include the following:

- 4.1 **Coordination:** Coordinate with and provide consultation to MTS's Project Manager either in person or via telephone/email during the construction phase of the project (a duration of 4 months).
- 4.2 **Jobsite Meetings:** Attend weekly jobsite and design/construction meetings as requested by MTS Project Manager and attended by the Contractor's representative and MTS's Project Manager. It is assumed that one person from WSP and one from DE will attend the weekly meeting. It is assumed the meetings will be 1.5 hours in duration. Construction is scheduled to be completed within 4 months of notice to proceed of this work order.

- 4.3 **Review Submittals:** At the request of the MTS PM/RE, the Consultant Team will review and approve or take other appropriate action in respect to Contractor-prepared submittals required by the specifications, including shop drawings, product catalog cut sheets, certificates of compliance, samples, and other data which the Contractor is required to submit, but only for general conformance with the information given in the Contract Documents. Such review and approvals or other action will not extend to means, methods, techniques, equipment choice and usage, sequences, schedules, purchasing regulation compliance, or procedures of construction or to related safety precautions and programs.
- Submittals reviewed by the Consultant Team and returned to the MTS PM/RE will be marked according to the action categories stated in the project special provisions with an electronic stamp, signature of the reviewer, and date of submittal review. The Consultant Team will endeavor to review submittals, recommend submittal action, and return submittals to the MTS PM within ten working days of receipt. The Consultant Team will retain one copy of submittal for record-keeping purposes.
- 4.4 **Respond to Requests for Information (RFI):** As directed by the MTS PM/RE, the Consultant Team will review and respond to reasonable and appropriate Contractor RFI's forwarded from the MTS Project Manager and issue necessary clarifications and interpretations of the Contract Documents as appropriate. Any orders authorizing variations from the Contract Documents will be made by the MTS PM. The Consultant Team will use SharePoint software system to respond to RFIs electronically. It is our assumption that the CM team would address the majority of the RFI's..
- 4.5 **Prepare Design Revisions/Design Change Notices (DCN):** Prepare revisions to design drawings and technical specifications as directed by the MTS PM. Design revisions will be annotated in a manner directed by the MTS PM. Modifications to the project drawings and specifications may be required prior to and during the construction phase of the project. The Consultant Team will work with MTS to assess the purpose for implementing a potential change, to develop an appropriate solution, and will then develop corresponding revisions to the drawings and specifications. Design revisions may be in response to action required by an RFI, an unforeseen site condition, value-engineering, etc. and will be annotated in a manner directed by MTS. If requested by MTS, the Consultant Team will develop cost estimates to coincide with the proposed changes. Design revisions made in response to an unforeseen site condition, value engineering or a directive from MTS may entail design services that are not included in this scope of services. A fee estimate for the additional design services will be provided to MTS, and the fee amount agreed upon, prior to Consultant's proceeding with the change. Design revisions will be transmitted in PDF file format.

II. DELIVERABLES

Task 1

Monthly Progress Reports

Task 2

Structural Plan sheet of the Charging Platforms

Task 3

RFP Add Alternate Package including plans and specifications

Task 4

If required by the scope of services, three copies of each deliverable will be submitted, unless otherwise requested by MTS as well as electronically in PDF format so that MTS can print additional copies if necessary. Drawing submittals will be made with half size drawings.

III. SCHEDULE OF SERVICES/MILESTONES/DELIVERABLES

Based on an assumed continuation of the project, start date of March 2023 for continued construction.

IV. MATERIALS TO BE PROVIDED BY MTS

N/A.

V. SPECIAL CONDITIONS/ASSUMPTIONS

Any condition listed below applies solely to this Task Order and does not otherwise alter the Agreement or other Task Orders. The Scope and Fees are based on the following assumptions.

- A. This task order will be limited to the time and materials fee budget negotiated as shown in Attachment B.
- B. Assumes Weekly jobsite meetings
- C. The project delivery method will be a single prime construction contractor using the design/bid/build approach.
- D. Three copies of each deliverable will be submitted, unless otherwise requested by MTS, as well as electronically in PDF format so that MTS can print additional copies if necessary. Drawing submittals (prior to final drawings) will be made with half size drawings.
- E. Out of town travel is not included, nor expected, in the phase of the project.

ATTACHMENT B NEGOTIATED FEE PROPOSAL

DRAFT

Work Order Estimate Summary

Att. A, AI 6, 4/20/2023

MTS Doc. No. **PWL353.0-22**

Work Order No. **WOA353-AE-18**

Attachment: **B**

Work Order Title: **MTS SBMF ZEB (Phase 1) DSDC**

Project No: **10091131**

Table 1 - Cost Codes Summary (Costs & Hours)

Item	Cost Codes	Cost Codes Description	Total Costs
1	Labor	Direct Labor	\$161,392.32
2	ODC	Other Direct Costs	

Totals = **\$161,392.32**

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

Item	TASKS/WBS	TASKS/WBS Description	Labor Hrs	Total Costs
1	Task 1	Project Management	54	\$14,460.38
2	Task 2	90% Construction Documents - Design Development (DD)	109	\$17,075.77
3	Task 3	100% Construction Documents (CD)	245	\$41,011.99
4	Task 4	Design Support During Construction	373	\$88,844.18

Totals = **781** **\$161,392.32**

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

(If Applicable, Select One)				Consultant	Labor Hrs	Total Costs
DBE	DVBE	SBE	Other			
				Dokken Engineering	269	\$55,919.12
				WSP	512	\$105,473.20

Totals = **781** **\$161,392.32**

Work Order Estimate Summary

Total Hours =

269

Total Costs =

\$55,919.12

 MTS Doc. No.: PWL353.0-22
 Work Order No.: WOA353-AE-18

Dokken Engineering

Attachment: B

MTS SBMF ZEB (Phase 1) DSDC

Item	TASKS/WBS	TASKS/WBS Description	ODCs (See Attachment)	Contract Manager \$	Engineer - 3 \$	Engineer - 1 \$	Total Hours	Totals
1	Task 1	Project Management						
1.1	Project Management			90			30	\$8,970.30
		Subtotals (Hours) =	N/A	30			30	\$8,970.30
		Subtotals (Costs) =		\$8,970.30			30	\$8,970.30
2	Task 2	90% Construction Documents - Design Development (DD)						
2.1	Charging Platforms			2	2		4	\$937.62
		Subtotals (Hours) =	N/A	2	2		4	\$937.62
		Subtotals (Costs) =		\$598.02	\$339.60		4	\$937.62
3	Task 3	100% Construction Documents (CD)						
3.1	RFP Package for Add Alternates			10	40	40	90	\$14,224.90
		Subtotals (Hours) =	N/A	10	40	40	90	\$14,224.90
		Subtotals (Costs) =		\$2,990.10	\$6,792.00	\$4,442.80	90	\$14,224.90
4	Task 4	Design Support During Construction						
4.1	Coordination			30	30		60	\$14,064.30
4.2	Jobsite Meetings			15	15		30	\$7,032.15
4.3	Review Submittals			5	10		15	\$3,193.05
4.4	Respond to Requests for Information			5	10		15	\$3,193.05
4.5	Prepare Design Revisions/Design Change Notices			5	10	10	25	\$4,303.75
		Subtotals (Hours) =	N/A	60	75	10	145	\$31,786.30
		Subtotals (Costs) =		\$17,940.60	\$12,735.00	\$1,110.70	145	\$31,786.30
Totals (Summary) =								
		Total (Hours) =	N/A	102	117	50	269	\$55,919.12
		Total (Costs) =		\$30,499.02	\$19,866.60	\$5,553.50		
		Percentage of Total (Hours) =	N/A	38%	43%	19%		
		Percentage of Total (Costs) =		55%	36%	10%		

Contract No:	PWL353.0-22
Task Order No.	WOA353-AE-18

Attachment: B

Work Order Title: **MTS SBMF ZEB (Phase 1) DSDC**

[illegible][illegible]

Work Order Estimate Summary

MTS Doc. No.: **PWL353.0-22**
Work Order No.: **WOA353-AE-18**

Consultant/Subconsultant: **WSP**

Attachment: **B**

Work Order Title: **MTS SBMF ZEB (Phase 1) DSDC**

Total Hours =	512
Total Costs =	\$105,473.20

Item	TASKS/WBS	TASKS/WBS Description	ODCs (See Attachment)	Contract Manager	Project Manager	Engineer - Principal	Engineer - Senior	Engineer - 2	Engineer - 1	Project Controls - 2	Total Hours	Totals
1	Task 1	Project Management										
1.1	Project Management			4	4	8				12	24	\$5,490.08
		Subtotals (Hours) =								12	24	\$5,490.08
		Subtotals (Costs) =		\$1,225.84	\$2,388.40					\$1,875.84	24	\$5,490.08
2	Task 2	90% Construction Documents - Design Development (DD)										
2.1	Charging Platforms				4	4	7.5	80.5	12.5		105	\$16,138.15
		Subtotals (Hours) =									105	\$16,138.15
		Subtotals (Costs) =		\$1,194.20	\$1,750.35	\$12,070.98	\$1,122.63				105	\$16,138.15
3	Task 3	100% Construction Documents (CD)										
3.1	RFP Package for Add Alternates				5	5	48	82	20		155	\$26,787.09
		Subtotals (Hours) =									155	\$26,787.09
		Subtotals (Costs) =		\$1,492.75	\$11,202.24	\$12,295.90	\$1,796.20				155	\$26,787.09
4	Task 4	Design Support During Construction										
4.1	Coordination				48	24					72	\$19,931.52
4.2	Jobsite Meetings				32						32	\$9,553.60
4.3	Review Submittals				8	16	8				32	\$7,322.08
4.4	Respond to Requests for Information				8	40	8				56	\$12,923.20
4.5	Prepare Design Revisions/Design Change Notices				4	16	16				36	\$7,327.48
		Subtotals (Hours) =			100	96	32				228	\$57,057.88
		Subtotals (Costs) =		\$29,855.00	\$22,404.48	\$4,798.40					228	\$57,057.88
											512	\$105,473.20
		Totals (Summary) =									512	\$105,473.20
		Total (Hours) =		4	117	152	195	33	12		512	\$105,473.20
		Total (Costs) =		\$1,225.84	\$34,930.35	\$35,357.07	\$29,165.28	\$2,918.83	\$1,875.84			
		Percentage of Total (Hours) =		1%	23%	30%	38%	6%	2%			
		Percentage of Total (Costs) =		1%	33%	34%	28%	3%	2%			

Work Order Estimate Summary

Consultant/ Subconsultant: **WSP**

Contract No:	PWL353.0-22
Task Order No.	WOA353-AE-18

Attachment: B

Work Order Title: **MTS SBMF ZEB (Phase 1) DSDC**

TASKS/WBS (1-5)													
ODC Item	Description	Unit	Unit Cost	Task 1		Task 2		Task 3		Task 4		Task 5	
				Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	Repro & Graphics	LS	\$1.00										
2	Deliveries	LS	\$1.00										
3	mileage	MI	\$0.57										
4	Scanning	LS	\$1.00										
5	Other (Photo, parking,etc.)	LS	\$1.00										
6	Aerial Photography	LS	\$1.00										
7	Hotel	EA	\$250.00										
8	Meals	EA	\$100.00										
9	Airfare	EA	\$800.00										
10	Rental Car	LS	\$85.00										
				Subtotal =		Subtotal =		Subtotal =		Subtotal =		Subtotal =	

ODC Item	Description		TASKS/WBS (6-10)				Totals	
	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								



DRAFT FOR EXECUTIVE COMMITTEE REVIEW DATE: 4/13/2023

Agenda Item No. 7

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

April 20, 2023

SUBJECT:

Special Trackwork Replacement – Work Order Agreement

RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute Work Order WOA352-AE-12 under MTS Doc. No. PWL352.0-22 (in substantially the same format as Attachment A) with HDR Inc. (HDR), in the amount of \$413,230.03 for design services for special trackwork replacement at the Yard A track and Newton crossover.

Budget Impact

The total cost of this contract is estimated to be \$413,230.03. The project is funded by MTS Capital Improvement Program (CIP) Project number 2005116401 – Special Trackwork Replacement, and CIP Project number 1009111206 - "Miscellaneous Capital."

DISCUSSION:

This project is for design services required for the existing turnouts, crossover, diamonds, and adjoining trackwork that are to be removed and replaced with new track components. The existing track components are at the end of their useful service life and require replacement. This includes the replacement of approximately 800 feet of track, four (4) EA No. 6 turnouts, one (1) EA No. 6 crossover, and three (3) EA diamonds on the Blue Line between the A Yard and "12th and Imperial" Station. Also, this includes the replacement of existing Newton crossover on the Orange Line. Lastly, this project includes a 20% design for a Blue Line-to-Green Line connection to determine the feasibility of that project.

Once the design is complete, it is anticipated funding for project construction will be requested as part of the fiscal year (FY25) Capital Improvement Project budget process.



On September 15, 2021, MTS issued a solicitation for On-Call Architectural and Engineering (A&E) Design Services by requesting Statements of Qualifications (RFSQ) from firms with expertise in a variety of A&E design and related consulting services separated into the following three (3) categories:

- Category A: Comprehensive/Full Service - Five (5) prime contracts
- Category B: Small Business Set Aside - Three (3) prime contracts awarded to a certified Small Business (SB) or a Disadvantaged Business Enterprise (DBE) certified firm (which is also considered to be a Small Business)
- Category C: Specialty Prime – Up to Five (5) specialty service contracts

On May 12, 2022 (AI 10), seven (7) firms were selected to perform various A&E services as part of MTS's On-Call panel. For projects requiring A&E services, work orders will be issued to these firms.

MTS staff reviewed the approved A&E firms in Category A, and utilizing the rotation process, selected HDR, to perform the requisite services.

HDR's proposed amount of \$413,230.03 is less than MTS's Independent Cost Estimate (ICE) of \$450,670.78, and thus was determined to be fair and reasonable. HDR will utilize the following subcontractor:

Firm Name	Classification	Value of Services
Aguirre & Associates	DBE	\$59,442.81

MTS received pricing for these services from HDR, and after a thorough review, determined that the pricing is fair and reasonable.

Therefore, staff recommends that the MTS Board of Directors authorize the CEO to execute Work Order WOA352-AE-12 under MTS Doc. No. PWL352.0-22 (in substantially the same format as Attachment A) with HDR, in the amount of \$413,230.03 for design services for special trackwork replacement at the Yard A track and Newton crossover.

/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 WOA352-AE-12



Metropolitan Transit System

April 20, 2023

MTS DOC No. PWL352.0-21
Work Order WOA352-AE-12

Mr. Thomas K. Kim
Senior Vice President
HDR Engineering, Inc.
401 B Street, Suite 110
San Diego, CA 92101

Dear Mr. Kim:

Subject: MTS DOC. NO. PWL352.0-21, WORK ORDER WOA352-AE-12; DESIGN
SERVICES FOR SPECIAL TRACKWORK REPLACEMENT

This letter shall serve as our agreement for professional services, Work Order WOA352-AE-12, under the General Engineering Consultant Agreement, MTS Doc. No. PWL352.0-21, as further described below.

SCOPE OF SERVICES

This work order shall provide design services for special trackwork replacement at the Yard A track and Newton crossover. Work provided under this Work Order will be performed in accordance with the attached Scope of Services (Attachment A)

SCHEDULE

The Scope of Services, as described above, shall remain in effect for a period of three hundred thirty-six (336) calendar days from the date of the Notice to Proceed.

PAYMENT

Payment shall be based on actual costs in the amount not to exceed \$413,230.03 without prior authorization of MTS.



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

Sincerely,

Accepted:

Sharon Cooney
Chief Executive Officer

Thomas K. Kim
HDR Engineering, Inc.

Date: _____

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

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ATTACHMENT A SCOPE OF SERVICES

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WORK ORDER TITLE: Design Services for various track improvements with Yard A

I. PROJECT DESCRIPTION

This project is the culmination of several necessary improvements to the existing Blue Line and associated trackwork connections to Yard A to facilitate improved operations and to maintain a state of good repair. The work for this project includes the following tasks items:

- Replace five (5) existing turnouts with new in-kind turnouts, including hand throw switches. One of the turnouts consists of curved points and shall be of custom design.
- Replace one (1) existing crossover. The new (in-kind) crossover shall include new hand throw switches and RBM frogs.
- Replace three (3) existing diamond crossings at interface between Blue and Orange Lines to match existing style and type. Design shall incorporate necessary earth enclosure to accommodate future maintenance.
- Replace existing rail between special trackwork as shown on Exhibit A. The rail shall be head hardened, 115 RE on concrete ties.
- Incorporate restraining rail on inner rail of both EB and WB curves between the replaced crossover and diamonds to be replaced.
- All trackwork shall be coordinated to minimize rework of existing overhead catenary system.

Under this Work Order, Consultant will also provide assistance in the procurement process of long lead special trackwork.

II. EXPECTED RESULTS

The Work Order will provide 50, 95, and 100 percent construction documents which includes plans, specifications, and cost estimate to support construction of the improvements as described herein. It is anticipated that this project will be bid out separately and not completed using the Job Order Contract process. The Consultant shall also develop a separate Procurement Package to support MTS in owner procuring long-lead items, specific to special trackwork.

III. SCOPE OF WORK

The scope of work to be performed by Consultant shall consist of the following tasks and deliverables:

TASK 1- WORK ORDER MANAGEMENT

This task includes project management services associated with this work order, including the requirements for progress reports, invoicing, meetings, quality assurance/quality control, and administration of the Consultant's and subconsultant's work.

1.1 Provide project management services including the requirements for invoicing, scheduling, monthly project progress reports, and administration of the Consultant's team. Consultant will submit one (1) copy of a monthly progress report consisting of a written narrative to the MTS PM.

- 1.2 Provide project coordination with MTS.
- 1.3 Provide coordination and oversight of subconsultant(s) and integration of plans and specifications into submittal packages.
- 1.4 Also included in Project Management is QA/QC which will be performed on all deliverables. To confirm quality of work and compliance with the scope of work, the Consultant shall perform a systematic in-house review of all documents produced prior to submittal. All reviewed documents will have a check box or signature page indicating review has been performed.

Assumptions:

- Monthly team meetings will be established and attended by up to three (3) consultant team members. In addition, design review meetings will be held following each milestone submittal to address comment resolution. Each review meeting will be attended by up to three (3) consultant team members. Consultant shall coordinate meetings, develop agendas, and provide meeting minutes for each team meeting.

Deliverables:

- Monthly progress reports and invoices.
- Meeting agendas and meeting minutes.

TASK 2 – FIELD SURVEY AND INVESTIGATION

2.1 Field Survey

The Consultant will perform field survey needed to develop the existing topography to support design efforts within the vicinity as bound and defined in Exhibit A. Features to be collected will include but not be limited to top of rail, key points of existing special trackwork, OCS poles, roadway and roadway crossing features along access roads, fences, signs, utility boxes, etc. Additionally, ground shot cross sections will be obtained for roadway crossing locations. A DTM of collected points will be provided. The Consultant shall provide a survey control sheet to support proposed improvements within the Project footprint.

2.2 Site Investigation

The Consultant will conduct initial site visit with the project team to examine existing infrastructure and confirm existing conditions.

Additional site visits may be performed as necessary during the contract for site condition verification as the design progresses. During these site visits the attendance of the project team may be requested for consultation.

During the site visits the Consultant shall perform field observations, take photographs, measurements, calculations, etc., as necessary to support design development of the project.

Assumptions:

- Horizontal control is NAD 83 per ROS 14492. Vertical control is in terms of City BM.

Deliverables:

- DTM, .txt points files, points in CAD file, survey control sheets

TASK 3 - DESIGN SUPPORT SERVICES

The Consultant shall develop final design documents that will include plans, specifications, and estimates for the Project. In addition, a separate Procurement Package shall be developed to procure 'long-lead' items associated with this project early and mitigate delays to the project schedule. At a minimum, the items anticipated to be included in the procurement package consist of: turnouts, crossovers and diamonds, including any associated track-mounted equipment (e.g., earth box for switch machines). The anticipated milestone submittals for the construction package are 50%, 95%, and 100%. Draft and final procurement packages will be submitted separately.

3.1 Track Design

The existing turnouts, crossover, diamonds, and adjoining trackwork are to be removed and replaced with new track components, in-kind or similar as determined by MTS, in accordance with Exhibit A. The existing track section shall be removed to existing hardpan and a new section will be constructed with the installation of the new track components. It is noted that one existing yard switch is composed of curved switch points and requires replacement in-kind.

The turnouts and crossover shall be No. 6 hand throw, and frogs within mainline track shall include a standard flangeway and be of RBM style. Those frogs with existing yard track shall be of self-guarded style.

All turnouts and crossover are operated with hand throw switches. Existing switches shall be replaced in-kind as detailed on Exhibit A.

Existing track shown on Exhibit A shall be removed and replaced with new rail and include required compromise joints. As part of the track replacement, the section of track to be replaced between the crossover and diamonds, shall include restraining rails.

It is anticipated that no improvements will be constructed within public right-of-way of the City of San Diego, and therefore coordination and approvals with the city's development services will NOT be necessary and are excluded. Any needed traffic control will be the construction contractor's responsibility and will be defined as such within the construction documents. Development of traffic control plans is excluded.

No coordination with CPUC is anticipated as the project is considered a maintenance project and no changes to track or roadway profiles are anticipated and is excluded.

3.2 Project Specifications and Estimate

The consultant shall develop project specifications and a detailed cost estimate. The specifications shall accompany the submittal starting with the 50% submission and the cost estimate will accompany each milestone submission. In addition, a bid list will be provided with

the 100% submission. It is anticipated that the proposed specifications will be developed based on previous construction contracts of similar type work using Master Format, and the estimates based on similar historical data from similar past projects.

An estimate shall also be developed and provided with the final procurement package, covering material procurement costs.

3.3 Procurement Package

Consultant shall develop a procurement package based on the final design project details to support owner procurement of long-lead items defined previously. The procurement package shall include details for manufacturers' use in developing shop drawings for approval by MTS. As noted, an estimate will be included with the submission of the final procurement package.

Assumptions:

- Project limits are as defined by Exhibit A.

Deliverables:

- 50%, 95% and 100% Construction Package (PS&E)
- Draft and Final Procurement Package

TASK 4 – CONSTRUCTION PHASING PLAN

The Consultant will develop a construction phasing plan to be approved by MTS. The phasing plan shall be developed to support development of contractual requirements but excluded from the final PS&E. The phasing plan will be developed in conjunction with MTS operations and will consider operational limitations imposed on MTS by major events, and conventions which generate substantial ridership at certain times.

Assumptions:

- Plans will not be included in PS&E set

Deliverables:

- Layered phasing pdf.

TASK 5 – PROCUREMENT BID SUPPORT AND SHOP DRAWING REVIEW

The Consultant shall provide support to MTS in owner procurement of special trackwork material. This support will include responding to inquiries from prospective manufacturers' and providing updates to the procurement package through the issuance of addenda.

The Consultant shall also provide support to the MTS PM in reviewing shop drawings for the special trackwork related to the project.

Task 5 shall require a separate NTP to initiate these services.

Assumptions:

- Up to 2 addenda will be issued and Consultant will provide support over a 2-month period, assuming 2 hours a week to respond to general inquiries and support to the MTS PM.
- Shop drawing review is limited to 24 hours.

Deliverables:

- Supporting documents for addendums
- Shop drawing review comments

TASK 6 – DEVELOP 20% DESIGN FOR BLUE TO GREEN LINE CONNECTION

The Consultant shall develop 20% design level track plans, including a phasing concept to provide a footprint to preserve future ROW needed to support the Blue to Green Line double track connection. The double track connection from Blue to Green Line will require two new No. 6 turnouts, a proposed diamond crossing, double track connection, westbound track tying into a new slip switch and east bound track tying into previous yard track immediately north and parallel to Building A. In addition to track layout, the Consultant shall develop 2 station platform options for a new platform south of the existing track. Option 1 shall line up with the existing platform at the parking structure, and provide two ADA crosswalks, one of which aligns with the existing ADA crosswalk location. Option 2 shall be a staggered platform, with NO impacts to the Building A footprint and have at least one ADA crosswalk. Consultant to check that 1 crosswalk is sufficient for emergency egress. This will support other adjacent planning efforts currently underway.

Assumptions:

- Reviews and review comments provided will be coordinated with the 50% submittal of the construction package to minimize additional review meetings.
- As this Task is funded separately, it will be tracked as a separate activity on the schedule and invoices but will be included on the same monthly invoice.

Deliverables:

- This effort will include submission of a draft and final set of the 20% plans.

IV. PERIOD OF PERFORMANCE

The period of service shall be a duration of 336 calendar days from the notice to proceed.

V. DELIVERABLES

Monthly progress reports and invoices. Meeting agendas and meeting minutes.

50%, 95%, and 100% Plans, Specifications, and Estimate. Provide a PDF of each document included for submission to MTS.

20% Plans for Blue to Green Line Connection. Provide a PDF of the draft and final packages.

A standalone procurement package for MTS to procure long-lead items. The procurement package will be submitted at the time of the 100% submission and include plans, specifications, and a cost estimate.

The completed Construction Package is anticipated to include the following:

<i>General</i>	<u>Construction Package Sheet Count</u>	<u>Procurement Package Sheet Count</u>
Title Sheet and Index	1	1
MTS General Notes	1	1
Legend/Symbols/Abbreviations	1	1
Survey Control Sheet	1	-
<i>Track</i>		
Demolition Plans	2	-
Geometry Tables	2	2
Track Plan & Profile Plans	2	2
Track Profiles	2	-
Typical Sections	3	-
Straight Turnout Detail	3	2
Hand Throw Switch	1	-
Curved Turnout Switch	3	1
Crossover Detail	3	1
Diamond #1 Detail	2	1
Diamond #2 Detail	2	1
Diamond #3 Detail	2	1
Special Trackwork Details	5	2
Infill Rubber Rail Interface Detail	1	-
Restraining Rail Detail	1	1
<i>Civil Sheets</i>		
Plan View	2	-
Civil Details	2	-
<i>Construction Phasing</i>		
Plan View	5	-
Total Sheets	47	17

**20% Blue to Green Line
Connection**

**Concept
Drawings
Sheet Count**

Alternative #1

Track/Platform Plan	2
Phasing and Footprint Plan	1
Details	1

Alternative #2

Track/Platform Plan	2
Phasing and Footprint Plan	1
Details	1

VI. SCHEDULE OF SERVICES/MILESTONES/DELIVERABLES

A. Tasks Schedule

Refer to Project Schedule.

B. Milestones/Deliverables Schedule

<u>Milestone/Deliverable</u>	<u>Due Date</u>
Field Survey	1 month following NTP
50% Submittal	4 months following NTP
95% Submittal	7 months following NTP
100% Submittal	9 months following NTP
Procurement Package	9 months following NTP
Show Drawing Review	As needed
20% Final Blue to Green Connection	5 months following NTP

VII. MATERIALS TO BE PROVIDED BY MTS AND/OR THE OTHER AGENCY

MTS shall provide available as-builts for Yard A, and mainline trackwork.

VIII. SPECIAL CONDITIONS

1. HDR shall not be responsible for costs associated with MTS flag protection for all onsite activities performed as necessitated by the design process.

2. MTS shall be responsible for all review/permit costs associated with the project.

IX. MTS ACCEPTANCE OF SERVICES:

Consultants shall not be compensated at any time for unauthorized work outside of this Work Order. Consultants shall provide notice to MTS' Project Manager upon 100% completion of this Work Order. Within five (5) business days from receipt of notice of Work Order completion, MTS' Project Manager shall review, for acceptance, the 100% completion notice. If Consultants provides final service(s) or final work product(s) which are found to be unacceptable due to Consultant and/or subcontractor's negligence and thus not 100% complete by MTS' Project Manager, Consultant shall be required to make revisions to said service(s) and/or work product(s) within the Not to Exceed (NTE) Budget. MTS reserves the right to withhold payment associated with this Work Order until the Project Manager provides written acceptance for the 100% final completion notice. Moreover, 100% acceptance and final completion will be based on resolution of comments received to the draft documents and delivery of final documentation which shall incorporate all MTS revisions and comments.

Monthly progress payments shall be based on actual/documented hours performed for each person/classification identified in the attached Fee Schedule and shall at no time exceed the NTE. Consultants shall only be compensated for actual performance of services and at no time shall be compensated for services for which MTS does not have an accepted deliverable or written proof and MTS acceptance of services performed.

X. DEFICIENT WORK PRODUCT:

Throughout the design and/or implementation phases associated with the services rendered by the Consultants, if MTS finds any work product provided by Consultants to be deficient and the deficiently delays any portion of the project, Consultants shall bear the full burden of their deficient work and shall be responsible for taking all corrective actions to remedy their deficient work product including but not limited to the following:

- Paying applicable delay fees,
- Revising provided documents,

At no time will MTS be required to correct any portion of the Consultants deficient work product and shall bear no costs or burden associated with Consultants deficient performance and/or work product.

XI. DELIVERABLE REQUIREMENTS

Consultants will be required to submit any and all documentation required by the Scope of Work. The deliverables furnished shall be of a quality acceptable to MTS. The criteria for acceptance shall be a product of neat appearance, well-organized, and procedurally, technically and grammatically correct. MTS reserves the right to request a resubmission of a deliverable, at no cost, if it does not meet the requirements specified in the work order or materially revise the work order. All work products will become the property of MTS. MTS reserves the right to disclose any reports or material provided by the Consultants to any third party.

Consultants shall provide with each task, a work plan showing the deliverables schedule as well as other relevant date needed for Consultants work control, when and as requested by MTS.

Consultants computer data processing and work processing capabilities and data storage should be compatible with Windows compatible PC's, text files readable in Microsoft Word, and standard and customary electronic storage. Subconsultant shall maintain backup copies of all data conveyed to MTS.

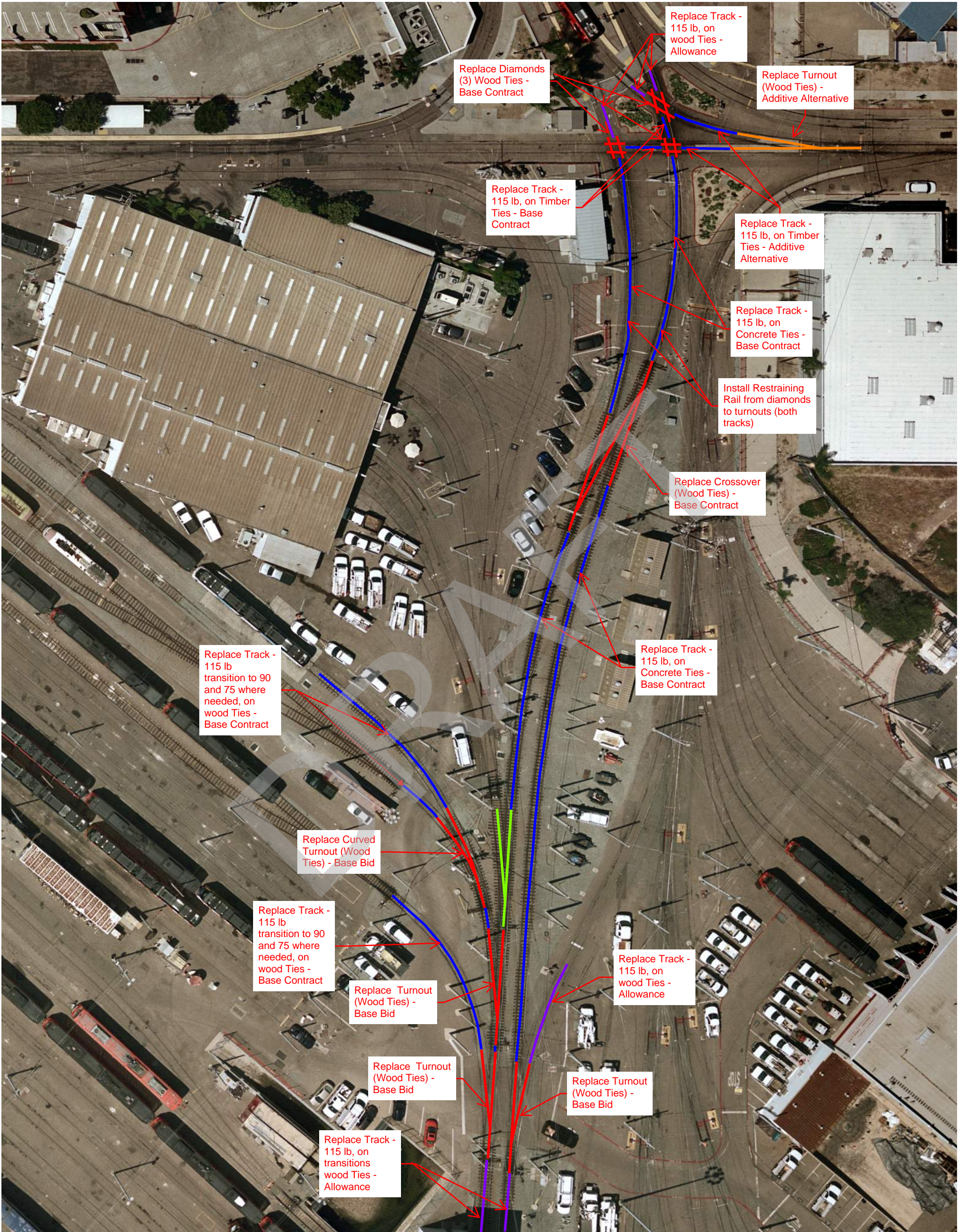
Consultants shall provide MTS with hard copy or electronic versions of reports and/or other material as requested by MTS.

XII. ADDITIONAL INFORMATION

Not Applicable to this WOA.

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EXHIBIT A



LEGEND:

- HAND THROWN TURNOUTS (RACOR 22-E TRI-HANDLE)
- BY OTHERS
- HAND TROWN TURNOUT (RACOR 336-EC)

ID	Task Name	Duration	Start	Finish	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June	July	August
1	Yard A Track Replacement	336 days	Mon 4/3/23	Thu 7/25/24	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B
2	NTP	0 days	Mon 4/3/23	Mon 4/3/23																	
3	Work Order Management	180 days	Mon 4/3/23	Tue 12/19/23																	
4	Management	9 mons	Mon 4/3/23	Tue 12/19/23																	
5	Team Meetings	169 days	Tue 4/11/23	Tue 12/12/23																	
15	Project Design	181 days	Mon 4/10/23	Thu 12/28/23																	
16	Survey and Field Investigation	10 days	Mon 4/10/23	Fri 4/21/23																	
17	Develop Base Files	5 days	Mon 4/24/23	Fri 4/28/23																	
18	50% Design	70 days	Mon 5/1/23	Tue 8/8/23																	
19	Track Design	20 days	Mon 5/1/23	Fri 5/26/23																	
20	Develop Draft Phasing Concept	10 days	Tue 6/13/23	Mon 6/26/23																	
21	50% Specifications	15 days	Tue 6/6/23	Mon 6/26/23																	
22	50% Cost Estimate	15 days	Tue 6/6/23	Mon 6/26/23																	
23	QC	10 days	Tue 6/27/23	Tue 7/11/23																	
24	Submit to MTS	0 days	Tue 7/11/23	Tue 7/11/23																	
25	MTS Review Period	15 days	Wed 7/12/23	Tue 8/1/23																	
26	Comment Review	5 days	Wed 8/2/23	Tue 8/8/23																	
27	95% Design	56 days	Wed 8/2/23	Fri 10/20/23																	
28	Incorporate 50% Comments	5 days	Wed 8/2/23	Tue 8/8/23																	
29	Track Design	15 days	Wed 8/9/23	Tue 8/29/23																	
30	Develop Final Phasing Concept	5 days	Thu 9/7/23	Wed 9/13/23																	
31	Draft Specifications	10 days	Thu 8/31/23	Thu 9/14/23																	
32	95% Cost Estimate	10 days	Thu 8/31/23	Thu 9/14/23																	
33	QC	10 days	Fri 9/15/23	Thu 9/28/23																	
34	Submit to MTS	0 days	Thu 9/28/23	Thu 9/28/23																	
35	MTS Review Period	10 days	Fri 9/29/23	Fri 10/13/23																	
36	Comment Review	5 days	Mon 10/16/23	Fri 10/20/23																	
37	100% Design	45 days	Mon 10/23/23	Thu 12/28/23																	
38	Incorporate 95% Comments	5 days	Mon 10/23/23	Fri 10/27/23																	
39	Track Design	12 days	Mon 10/30/23	Wed 11/15/23																	
40	Final Specifications	12 days	Mon 10/30/23	Wed 11/15/23																	
41	100% Cost Estimate	7 days	Mon 11/6/23	Wed 11/15/23																	
42	QC	10 days	Tue 11/21/23	Wed 12/6/23																	
43	Submit to MTS	0 days	Wed 12/6/23	Wed 12/6/23																	
44	MTS Review Period	10 days	Thu 12/7/23	Wed 12/20/23																	
45	Comment Review	5 days	Thu 12/21/23	Thu 12/28/23																	
46	Submit IFB Package	0 days	Thu 12/28/23	Thu 12/28/23																	
47	Procurement Package	81 days	Wed 8/9/23	Wed 12/6/23																	

Project: Yard A Schedule
Date: Mon 2/13/23

Task

Split

Milestone

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

External Tasks

External Milestone

Deadline

Progress

Manual Progress

Page 1

ID	Task Name	Duration	Start	Finish	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June	July	August
48	NTP	0 days	Wed 8/9/23	Wed 8/9/23	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B
49	Develop Draft Procurement Package	30 days	Wed 8/9/23	Wed 9/20/23																	
50	Develop Final Procurement Package	25 days	Mon 10/30/23	Wed 12/6/23																	
51	Procurement Support	120 days	Fri 2/9/24	Thu 7/25/24																	
52	Bid Support	2 mons	Fri 2/9/24	Thu 4/4/24																	
53	Shop Drawing Review	1 mon	Fri 6/28/24	Thu 7/25/24																	
54	Blue to Green Line Concept Development	107 days	Mon 4/3/23	Fri 9/1/23																	
55	Develop Draft 20% Design	55 days	Mon 4/3/23	Mon 6/19/23																	
56	Develop Drawings	30 days	Mon 4/3/23	Fri 5/12/23																	
57	QC	10 days	Mon 5/15/23	Fri 5/26/23																	
58	Submit to MTS	0 days	Fri 5/26/23	Fri 5/26/23																	
59	MTS Review Period	10 days	Tue 5/30/23	Mon 6/12/23																	
60	Comment Review	5 days	Tue 6/13/23	Mon 6/19/23																	
61	Develop Final 20% Design	52 days	Tue 6/20/23	Fri 9/1/23																	
62	Incorporate Draft Comments	7 days	Tue 6/20/23	Wed 6/28/23																	
63	Develop Drawings	15 days	Thu 6/29/23	Thu 7/20/23																	
64	QC	5 days	Fri 7/21/23	Thu 7/27/23																	
65	Submit to MTS	0 days	Thu 7/27/23	Thu 7/27/23																	
66	MTS Review Period	10 days	Fri 7/28/23	Thu 8/10/23																	
67	Comment Review	5 days	Fri 8/11/23	Thu 8/17/23																	
68	Incorporate Comments/Finalize Concept(s)	10 days	Fri 8/18/23	Thu 8/31/23																	
69	Submit Final Concept	0 days	Fri 9/1/23	Fri 9/1/23																	

Project: Yard A Schedule
Date: Mon 2/13/23

Task

Split

Milestone

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

External Tasks

External Milestone

Deadline

Progress

Manual Progress

ATTACHMENT B NEGOTIATED FEE PROPOSAL

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Work Order Estimate
Summary

MTS Doc. No.	PWL 352.0-22
Work Order No.	WOA352-AE-12

Attachment: A

Work Order Title: Design Services for Various Track Improvements with Yard A

Project No:	Estimate
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Table 1 - Cost Codes Summary (Costs & Hours)

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

Item	TASKS/WBS	TASKS/WBS Description	Labor Hrs	Total Costs
1		Work Order Management	139.0	\$34,873.83
2		Field Survey	344.0	\$64,922.24
3		Design Support Services	1,399.0	\$249,084.16
4		Construction Phasing	94.0	\$19,373.24
5		Procurement Bid Support and Shop Drawing Review	60.0	\$12,347.10
6		Blue to Green Line Connection	164.0	\$32,629.46

Totals =	2,200.0	\$413,230.03
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Table 3 - Consultant/Subconsultant Summary (Costs & Hours)

(If Applicable, Select One)				Consultant	Labor Hrs	Total Costs
DBE	DVBE	SBE	Other			
			X	HDR Engineering, Inc.	1,884.0	\$353,787.22
			X	Aguirre & Associates	316.0	\$59,442.81

Totals =	2,200.0	\$413,230.03
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Work Order Estimate Summary

Consultant/Subconsultant: **HDR Engineering, Inc.** MTS Doc. No.: **PWL352-0-22**
 Work Order No.: **WOA352-AE-12**

Total Hours = **1,884**
 Total Costs = **\$353,787.22**

Work Order Title: **Design Services for Various Track Improvements with Yard A** Attachment: **A**

Item	TASKS/WBS	TASKS/WBS Description	ODCs (See Attachment)	Engineer 2	Contract Manager	Architect - Senior	Technical Expert	Engineer 1	Admin Sr.	Total Hours	Totals
			\$	187.38	\$ 358.67	\$ 117.39	\$ 361.69	\$ 126.74	\$ 136.23		
1	Task 1	Work Order Management									
1.1+	Project Management (16 months)			40	8				24	72	\$13,634.08
1.2	MTS Coordination			10	2					12	\$2,591.14
1.3	Subconsultant Coordination			2	1			2		5	\$986.91
1.4	QA/QC						20			20	\$7,233.80
1.5	Team Meetings			10	10			10		30	\$6,727.90
	ODCs		\$3,700.00								\$3,700.00
		Subtotals (Hours) =		62	21		20	12	24		
		Subtotals (Costs) =	\$3,700.00	\$14,617.56	\$7,532.07	\$7,233.80	\$1,520.88	\$3,269.52		139	\$34,873.83
2	Task 2	Field Survey									
2.1	Field Survey			8						8	\$1,499.04
2.2	Site Investigation			8	4			8		20	\$3,947.64
2.3	Control Drawing Development										
	ODCs		\$32.75								\$32.75
		Subtotals (Hours) =		16	4			8		8	
		Subtotals (Costs) =	\$32.75	\$2,998.08	\$1,434.68			\$1,013.92		28	\$5,479.43
3	Task 3	Design Support Services									
3.1	Track Design			450	40		50	537		1,077	\$184,811.68
3.2	Project Specifications and Estimate			104	32		16	80		232	\$46,891.20
3.3	Procurement Package			46	8		4	32		90	\$16,991.28
	ODCs		\$390.00								\$390.00
		Subtotals (Hours) =		600	80		70	649		1,399	
		Subtotals (Costs) =	\$390.00	\$112,428.00	\$28,693.60	\$25,318.30	\$82,254.26			1,399	\$249,084.16

4/20/2023

Work Order Estimate
Summary

Total Hours =

1,884

Total Costs =

\$353,787.22

Consultant/Subconsultant:

HDR Engineering, Inc.

MTS Doc. No.:

PWL352-0-22

Work Order No.:

WOA352-AE-12

Work Order Title:

Design Services for Various Track Improvements with Yard A

Attachment:

A

Item	TASKS/WBS	TASKS/WBS Description	ODCs (See Attachment)	Engineer 2	Contract Manager	Architect - Senior	Technical Expert	Engineer 1	Admin Sr.	Total Hours	Totals
4	Task 4	Construction Phasing									
	4.1	Construction Phasing		30	16		8	40		94	\$19,323.24
		ODCs	\$50.00								\$50.00
		Subtotals (Hours) =		30	16		8	40			
		Subtotals (Costs) =	\$50.00	\$5,621.40	\$5,738.72		\$2,893.52	\$5,069.60		94	\$19,373.24
5	Task 5	Procurement Bid Support and Shop Drawing Review									
	5.1	Addendum Support		10	1		1	8		20	\$3,608.08
	5.2	General PM Support		14	2					16	\$3,340.66
	5.3	Shop Drawing Review		8	6		2	8		24	\$5,388.36
		ODCs	\$10.00								\$10.00
		Subtotals (Hours) =		32	9		3	16			
		Subtotals (Costs) =	\$10.00	\$5,996.16	\$3,228.03		\$1,085.07	\$2,027.84		60	\$12,347.10
6	Task 6	Blue to Green Line Connection									
	6.1	Review and Incorporate Proposed Concept into Basefile		2	2			4		8	\$1,599.06
	6.2	Develop Track Alignment/Profiles (2 Concepts)		28	8	8	2	8		54	\$10,792.42
	6.3	Develop 2 Station Concepts		28	8	8	2	8		54	\$10,792.42
	6.4	Develop Building A Impact Exhibit		24	6	8	2	8		48	\$9,325.56
		ODCs	\$120.00								\$120.00
		Subtotals (Hours) =		82	24	24	6	28			
		Subtotals (Costs) =	\$120.00	\$15,365.16	\$8,608.08	\$2,817.36	\$2,170.14	\$3,548.72		164	\$32,629.46
		Totals (Summary) =								1,884	\$353,787.22
		Total (Hours) =		822	154	24	107	753			
		Total (Costs) =	\$4,302.75	\$154,026.36	\$55,235.18	\$2,817.36	\$38,700.83	\$95,435.22			
		Percentage of Total (Hours) =		44%	8%	1%	6%	40%		100%	99%
		Percentage of Total (Costs) =		44%	16%	1%	11%	27%			

Work Order Estimate
Summary

Consultant/ Subconsultant:

HDR Engineering, Inc.

Contract No:

PWL352.0-22

Task Order No:

WOA352-AE-12

Work Order Title:

Design Services for Various Track Improvements with Yard A

Attachment:

A

TASKS/WBS (1-5)

ODC Item	Description	Unit	Unit Cost	Task 1		Task 2		Task 3		Task 4		Task 5	
				Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	Reproduction (2022)	LS	\$100.00					3	\$300.00				
2	RR Insurance	LS	\$3,700.00	1	\$3,700.00								
3	Mileage	Mile	\$0.66			50	\$32.75						
4	Transit Passes	Person	\$5.00					18	\$90.00	10	\$50.00	2	\$10.00
5													
6													
7													
8													
9													
10													
				Subtotal =		Subtotal =		Subtotal =		Subtotal =		Subtotal =	
				\$3,700.00		\$32.75		\$390.00		\$50.00		\$10.00	

TASKS/WBS (6-10)

ODC Item	Description	Task 6										Totals	
		Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	Reproduction (2022)	1	\$100.00									4	\$400.00
2	RR Insurance											1	\$3,700.00
3	Mileage											50	\$32.75
4	Transit Passes	4	\$20.00									34	\$170.00
5													
6													
7													
8													
9													
10													
		Subtotal =		Subtotal =		Subtotal =		Subtotal =		Subtotal =		Totals =	
		\$120.00										\$4,302.75	

Page 1 of 1

Work Order Estimate
Summary

Consultant/ Subconsultant:

Aguirre & Associates

Contract No:

PWL352.0-22

Task Order No.

WOA352-AE-12

Work Order Title:

Design Services for Various Track Improvements with Yard A

Attachment:

A

TASKS/WBS (1-5)

ODC Item	Description	Unit	Unit Cost	Task 1		Task 2		Task 3		Task 4		Task 5	
				Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	Reproduction	1	\$100.00			1	\$100.00						
2													
3													
4													
5													
6													
7													
8													
9													
10													
				Subtotal =		Subtotal =		Subtotal =		Subtotal =		Subtotal =	
						\$100.00							

TASKS/WBS (6-10)

ODC Item	Description	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Totals	
												Quantity	Total
1	Reproduction											1	\$100.00
2													
3													
4													
5													
6													
7													
8													
9													
10													
		Subtotal =		Subtotal =		Subtotal =		Subtotal =		Subtotal =		Totals =	
												\$100.00	

Att: A, Al 7, 4/20/2023



DRAFT FOR EXECUTIVE COMMITTEE REVIEW DATE: 4/13/2023

Agenda Item No. 8

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

April 20, 2023

SUBJECT:

Right-of-Entry Engineering Services – Work Order Agreement

RECOMMENDATION:

That the San Diego Metropolitan Transit System (MTS) Board of Directors authorize the Chief Executive Officer (CEO) to execute Work Order WOA355-AE-10 under MTS Doc. No. PWL355.0-22 (in substantially the same format as Attachment A) with Psomas in the amount of \$475,914.28 to perform right-of-entry (ROE) engineering review services for a period of one (1) year to support the MTS Land Management Department.

Budget Impact

The total cost of this contract is estimated to be \$475,914.28. The project is funded by MTS Operating Account # 571140- 791010.

DISCUSSION:

A ROE permit is required whenever a third-party requests to perform work within, across or adjacent to MTS's right-of-way (ROW). Consultant services are needed to provide MTS with specific technical expertise during the processing of these ROE permits to ensure their project plans do not negatively impact MTS infrastructure, assets or operations. Under this work order, the consultant shall provide as-needed general engineering design review services, including: a) technical reviews of right-of-entry permit request and plan reviews, b) ROE coordination with MTS staff and/or permittees, and c) tracking permit submittals received, hours spent on review of each individual permit submittal, providing comments back to permittee and MTS.

On September 15, 2021, MTS issued a solicitation for On-Call Architectural and Engineering (A&E) Design Services by requesting Statements of Qualifications (RFSQ) from firms with expertise in a variety of A&E design and related consulting services separated into the following three (3) categories:

- Category A: Comprehensive/Full Service - Five (5) prime contracts



- Category B: Small Business Set Aside- Three (3) prime contracts awarded to a certified Small Business (SB) or a Disadvantaged Business Enterprise (DBE) certified firm, (which is also considered to be a Small Business)
- Category C: Specialty Prime – Up to Five (5) specialty service contracts

On May 12, 2022 (AI 10), seven (7) firms were selected to perform various A&E services as part of MTS's On-Call panel. For projects requiring A&E Services, work orders will be issued to these firms.

MTS staff reviewed the approved A&E firms in Category A, and utilizing a direct award process, selected Psomas to perform the requisite services. Psomas's subcontractor, RailPros, has previously performed ROE engineering services for the MTS Land Management Department and has the requisite expertise to handle the variety of plan reviews that MTS needs.

Based on previous level of effort for these services Psomas's proposed amount of \$475,914.28 was determined to be fair and reasonable. For the project, Psomas will utilize the following subcontractor:

Subcontractor Firm Name	Firm Classification	Dollar Value of Subcontract
RailPros	None	\$434,914.28

Therefore, staff recommends that the MTS Board of Directors authorize the CEO to execute Work Order WOA355-AE-10 for under MTS Doc. No. PWL355.0-22 (in substantially the same format as Attachment A) with Psomas in the amount of \$475,914.28 to perform ROE engineering review services for a period of one (1) year to support the MTS Land Management Department.

/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 WOA355-AE-10



**Metropolitan
Transit
System**

February 1, 2023

MTS Doc. No. PWL355.0-22
Work Order No. WOA355-AE-10

Ms. Sarah Curran, PE
Vice President
Psomas
401 B Street, Suite 1600
San Diego, CA 92101

Dear Ms. Curran:

Subject: MTS DOC. NO. PWL355.0-22, WORK ORDER WOA355-AE-10, GENERAL ENGINEERING SERVICES FOR RIGHT-OF-ENTRY ENGINEERING SERVICES

This letter shall serve as our agreement for Work Order WOA355-AE-10 to MTS Doc. No. PWL355.0-22, for professional services under the General Engineering Consultant Agreement, as further described below.

SCOPE OF SERVICES

This Work Order shall provide engineering services for Right-of-Entry Engineering services. Work provided under this Work Order will be performed in accordance with the attached Scope of Services (Attachment A)

SCHEDULE

The Scope of Services, as described above, shall be for a period of one (1) year from the date of the Notice to Proceed.

PAYMENT

Payment shall be based on actual costs in the amount not to exceed \$475,914.28 without prior authorization of MTS (Attachment B).



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

Sincerely,

Accepted:

Sharon Cooney
Chief Executive Officer

Sarah Curran, Vice President
Psomas

Date: _____

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

DRAFT

**ATTACHMENT A
SCOPE OF SERVICES**

DRAFT

TITLE: Right-of-Entry Engineering Plan Reviews**WOA #: WOA355-AE-10****I. PROJECT DESCRIPTION**

A Right-of-Entry (ROE) permit is required when an outside party wishes to perform work within MTS ROW, crossing the MTS ROW, or is performing work adjacent to MTS ROW that may impact MTS operations. The purpose of this work order is to provide as-needed general engineering design review services as described in the scope of work below.

II. SCOPE OF WORK

The scope of work shall consist of the following tasks and deliverables:

Task 1 – Project Management and Coordination (Psomas and RailPros)

- 1.1 Provide project management services including the requirements for invoicing, scheduling, monthly project progress reports, and administration of the Consultant's team.
- 1.2 Provide project coordination with MTS as well as coordination with other project stakeholders as necessary.
- 1.3 Provide coordination and oversight of subconsultant(s).
- 1.4 Also included in Project Management is QA/QC which will be performed on all deliverables. To ensure quality of work and compliance with the scope of work, the consultant shall perform a systematic in-house review of all documents produced prior to submittal. All reviewed documents will have a check box or signature page indicating review has been performed.

Task 2 – Technical Reviews (RailPros)

- 2.1 Technical reviews of right of entry permit applications and project design plans, construction work plans, traffic control plans, geotechnical reports and other documents submitted by permit applicants and provided to consultant

Task 3 – ROE Coordination (RailPros)

- 3.1 General ROE coordination, including but not limited to
 - a) Meetings with MTS and/or Permittees to discuss a specific project and/or right of way matters
 - b) Attend Pre-Construction meetings
 - c) Attend job walks and/or perform inspections

Task 4 – Tracking and Invoicing (Psomas and RailPros)

- 4.1 Tracking permit submittals received, hours spent on review of each individual permit submittal, providing comments back to permittee and MTS. Create monthly invoices for each individual permit submittal.

III. PERIOD OF PERFORMANCE

Consultant shall provide the services for a period of one (1) year from the commencement of the Work Order.

IV. DELIVERABLES

Consultant deliverables for Tasks 1 – 3 will vary per project. Task 4 deliverables are due monthly

V. SCHEDULE OF SERVICES/MILESTONES/DELIVERABLES**A. Tasks Schedule**

Task	Begin/End Dates
1) Technical Reviews	NTP + 365 days
2) General ROW Coordination	NTP + 365 days
3) Tracking and Invoicing	NTP + 365 days

B. Milestones/Deliverables Schedule

Milestone/Deliverable	Due Date
Monthly Invoices	First Monday of each month

VI. MATERIALS TO BE PROVIDED BY MTS AND/OR THE OTHER AGENCY

PDF files of permittee plans and specifications, as submitted to MTS.

VII. SPECIAL CONDITIONS

Not Applicable.

VIII. MTS ACCEPTANCE OF SERVICES:

Consultant and/or subconsultants shall not be compensated at any time for unauthorized work outside of this Work Order. Firm shall provide MTS an invoice the first Monday of every month detailing the project assignments, employee classification and number of review hours accumulated for each assignment for the preceding month. If Firm provides service(s) or work product(s) which are found to be unacceptable by MTS' Project Manager due to Firms and/or Firms subcontractors negligence, Firm shall be required to make revisions to said service(s) and/or work product(s) at no additional cost to MTS.

Firm shall only be compensated for actual performance of services and at no time shall be compensated for services for which MTS does not have an accepted deliverable or written proof and MTS acceptance of services performed.

IX. DEFICIENT WORK PRODUCT

Throughout the construction management and/or implementation phases associated with the services rendered by the Contractor, if MTS finds any work product provided by Contractor to be deficient (i.e., not meeting the professional standard of care) and the deficiency delays any portion of the project, Contractor shall bear the full burden of their deficient work and shall be responsible for taking all corrective actions to remedy their deficient work product including but not limited to the following:

- Revising provided documents,

At no time will MTS be required to correct any portion of the Contractors deficient work product and shall bear no costs or burden associated with Contractors deficient performance and/or work product.

X. DELIVERABLE REQUIREMENTS

Contractor will be required to submit any and all documentation required by the Scope of Work. The deliverables furnished shall be of a quality reasonably acceptable to MTS. The criteria for acceptance shall be a product of neat appearance, well-organized, and procedurally, technically and grammatically correct. MTS reserves the right to request a change in the format if it doesn't satisfy MTS's needs. All work products will become the property of MTS. MTS reserves the right to disclose any reports or material provided by the Contractor to any third party.

Contractor shall provide with each task, a work plan showing the deliverables schedule as well as other relevant date needed for Contractor's work control, when and as requested by MTS.

Contractor's computer data processing and work processing capabilities and data storage should be compatible with Windows compatible PC's, text files readable in Microsoft Word, and standard and customary electronic storage. Contractor shall maintain backup copies of all data conveyed to MTS.

Contractor shall provide MTS with hard copy or electronic versions of reports and/or other material as requested by MTS.

XI. PRICING

During the term of the work order, the consultant shall be compensated on a time and materials basis. There shall be no escalation of rates or fees allowed.

Administrative hours billed by Consultant for contract oversight are capped at 5% of the total hours billed by Subconsultant for the duration of the work order.

XII. ADDITIONAL INFORMATION

- 1) Consultant shall have a single point of contact for invoicing and will provide MTS with a cost breakdown for all staff time, including administrative costs for each plan review (cost breakdown shall be attached to all monthly invoices).
- 2) Consultant shall provide MTS an invoice that includes all staff time hours and charges within two (2) days after the completion of a plan review.
- 3) Consultant shall work with MTS to create invoice templates that help streamline the invoice process and work with MTS's internal processes.

XIII. PREVAILING WAGE

Prevailing wage rates apply to certain personnel for these services? ☐ Yes ☒ No

If yes, please list classification subject to prevailing wage rates:

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**ATTACHMENT B
NEGOTIATED FEE PROPOSAL**

DRAFT

Work Order Estimate
Summary

MTS Doc. No.

PWL355.0-22

Work Order No.

WOA355-AE-10

Attachment:

B

Work Order Title:

RIGHT-OF-ENTRY ENGINEERING PLAN REVIEWS

Project No:

Table 1 - Cost Codes Summary (Costs & Hours)

Item	Cost Codes	Cost Codes Description	Total Costs
1			
2			

Totals =

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

Item	TASKS/WBS	TASKS/WBS Description	Labor Hrs	Total Costs
1		Project Management and Coordination	1,002.0	\$167,613.60
2		Technical Reviews	1,176.0	\$213,303.72
3		ROE Coordination	350.0	\$59,313.64
4		Tracking and Invoicing	336.0	\$35,683.32
5				

Totals =

2,864.0

\$475,914.28

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

(If Applicable, Select One)				Consultant	Labor Hrs	Total Costs
DBE	DVBE	SBE	Other			
				Psomas	258.0	\$41,030.76
				RailPros	2,606.0	\$434,883.52

Totals =

2,864.0

\$475,914.28

Work Order Estimate
Summary

Total Hours =

2,606

Total Costs =

\$434,883.52

Consultant/Subconsultant:

RailPros

MTS Doc. No.:

PWL355,0-22

Work Order No.:

WOA355-AE-10

Work Order Title:

RIGHT-OF-ENTRY ENGINEERING PLAN REVIEWS

Attachment:

B

Item	TASKS/WBS	TASKS/WBS Description	ODCs (See Attachment)	Contract Manager	Engineer 2 (WO Manager)	Review Engineer 3	Review Engineer 2	Review Engineer - Principal	Engineer Principal (QA/QC)	Engineer - Senior (Structural)	Engineer 3 (Structural)	Engineer - Senior (Traffic)	Engineer - Senior (Traffic/Rail)	Engineer 3 (Signal)	Engineer - Principal (Signal)	Project Controls - 2	Total Hours	Totals		
1	Task 1	Project Management and Coordination																		
			48	48	12	12	12	24									240	396	\$60,706.80	
			24	24														144	192	\$26,160.24
			48	144				24											216	\$46,062.00
2	Task 2	Technical Reviews		120	216	12	12	12	48									804	\$132,929.04	
			\$40,851.60	\$34,888.32	\$1,458.84	\$1,938.24	\$3,231.24	\$12,924.96										804	\$132,929.04	
					300	300	300												1,176	\$213,303.72
																			1,176	\$213,303.72
3	Task 3	ROE Coordination																		
				48														84	\$11,281.32	
				24			2											26	\$4,199.52	
			\$1,000.00	60	60	60	60											240	\$43,832.80	
4	Task 4	Tracking and Invoicing																		
		4.1 Track permits submittals received, hours spent on reviews,																		
		Subtotals (Hours) = Subtotals (Costs) =																		
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Work Order Estimate
Summary

Consultant/ Subconsultant: RailPros

Contract No: PWL355.0-22

Work Order Title: RIGHT-OF-ENTRY ENGINEERING PLAN REVIEWS

Task Order No. WOA355-AE-10

Attachment: B

TASKS/WBS (1-5)													
ODC Item	Description	Unit	Unit Cost	Task 1		Task 2		Task 3		Task 4		Task 5	
				Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	Mileage	1	\$0.66							1,527	\$1,000.00		
2													
3													
4													
5													
6													
7													
8													
9													
10													
				Subtotal =		Subtotal =		Subtotal =		Subtotal = \$1,000.00		Subtotal =	

TASKS/WBS (6-10)											
ODC Item	Description	Total		Total		Total		Total		Totals	
		Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total	Quantity	Total
1	Mileage									1,527	\$1,000.00
2											
3											
4											
5											
6											
7											
8											
9											
10											
		Subtotal =		Subtotal =		Subtotal =		Subtotal =		Totals = \$1,000.00	



**Metropolitan
Transit
System**

DRAFT FOR EXECUTIVE COMMITTEE REVIEW DATE: 4/13/2023

Agenda Item No. 9

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

April 20, 2023

SUBJECT:

MTS Transfer of Fee Interest in GSA Parking Lot to General Services Administration

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

