

**CAMINO REAL REGIONAL MOBILITY AUTHORITY
BOARD RESOLUTION**

WHEREAS, the Camino Real Regional Mobility Authority (CRRMA) and HDR Engineering, Inc. (Engineer) executed a Contract for Indefinite Deliverable Professional Engineering Design Services dated March 14, 2023 for the Engineer to provide various design services to the CRRMA, as may be requested from time to time, via execution of a Work Authorization; and

WHEREAS, the CRRMA and Engineer executed Work Authorization No. 2 for the Engineer to provide various planning and initial design services for the El Paso County Transit Facility Project, which was subsequently amended; and

WHEREAS, the CRRMA and Engineer now desire to further amend the referenced work authorization to allow the Engineer to advance design plans to 60% for the El Paso County Transit Facility Project.

NOW, THEREFORE, BE IT RESOLVED BY THE CAMINO REAL REGIONAL MOBILITY AUTHORITY:

THAT the Executive Director be authorized to execute **Amendment No. 4 to Work Authorization No. 2** with HDR Engineering, Inc., including any additional documents or materials as may be required, for the provision of additional design services for the El Paso County Transit Facility Project.

PASSED AND APPROVED THIS 11TH DAY OF MARCH 2026.

**CAMINO REAL
REGIONAL MOBILITY AUTHORITY**

ATTEST:

Monica L. Perez, Vice Chair

Lina Ortega
Board Secretary

APPROVED AS TO CONTENT:

Raymond L. Telles
Executive Director

**WORK AUTHORIZATION NO. 2
CONTRACT FOR ENGINEERING SERVICES**

AMENDMENT NO. 4

THIS AMENDMENT is made pursuant to the terms and conditions of Article 5 of the Contract for Indefinite Deliverable Professional Engineering Design Services dated March 14, 2023 (Contract) between the CAMINO REAL REGIONAL MOBILITY AUTHORITY (CRRMA) and HDR ENGINEERING, INC. (Engineer).

Pursuant to the Contract, the CRRMA and the Engineer executed Work Authorization No. 2, dated January 30, 2024, as amended by Amendment No. 1 dated August 21, 2024, Amendment No. 2 dated February 6, 2025, and Amendment No. 3 dated March 14, 2025, in which the Engineer agreed to provide various engineering services to the CRRMA in furtherance of the El Paso County Transit Facility Project (Project). This Amendment seeks to further revise the Work Authorization.

The terms and conditions of Work Authorization No. 2, as previously amended, are hereby further supplemented to provide additional design services necessary for the advancement of the Project's design plans to 60%. Such additional services are more fully enumerated within **EXHIBIT A-4**. The additional services shall be provided in accordance with the Project Schedule dates identified within **EXHIBIT B-4**. The additional services shall be provided by the Engineer in exchange for the additional compensation enumerated in **EXHIBIT C-4**. Each of the **EXHIBITS A-4, B-4, and C-4** are attached hereto and incorporated herein for all purposes.

This Amendment shall become effective on the date of final execution of the Parties hereto. All other terms and conditions of Work Authorization No. 2, as amended, not hereby expressly further amended are to remain in full force and effect.

IN WITNESS WHEREOF, this Amendment is executed in duplicate counterparts and hereby accepted and acknowledged below.

**CAMINO REAL
REGIONAL MOBILITY AUTHORITY**

By: _____
Raymond L. Telles
Executive Director

Date: _____

HDR ENGINEERING, INC.

By: _____
Name: _____
Title: _____
Date: _____

EXHIBIT A-4 SERVICES TO BE PROVIDED BY THE ENGINEER

Scope of Services

This Amendment No. 4 authorizes the provision of engineering services related to the development of Plans, Specifications, and Estimates (PS&E) for the initial construction phase of the El Paso Transportation Authority (ETA) Transit Operations and Maintenance Facility (OMF). The services requested from the Engineer under this amendment include advancing the design from the 30% Schematic stage to 60% design completion.

Overview

The Transit OMF is planned to be located in eastern El Paso County and shall house the transit administration, operations, and maintenance functions supporting the ETA provided rural and paratransit services in El Paso County. The Engineer anticipates that limited resources could dictate that this new facility be constructed, and designed, in three phases. This design Scope of Services for the new Transit OMF includes 60% PS&E professional design services for the Initial Phase.

The Initial Phase will include office and support areas for administration, operations, and maintenance; shop and repair bays; support spaces; parts and materials storage; bus and vehicle service buildings; and both conventional and CNG fast-fueling stations. Interior cleaning, fare recovery, and exterior wash lanes are also included. The CRRMA fleet fueling program for this phase will utilize conventional unleaded gasoline and Compressed Natural Gas (CNG). Battery-electric propulsion technology is not included in this phase. Subject to construction phasing.

Site improvements will include security fencing with automated entry and exit gates and parking facilities for the fleet, non-revenue vehicles, and staff/visitor vehicles. Fleet parking (storage) shall accommodate approximately forty (40) Rural Transit buses, including paratransit-type cutaway vans and large-capacity vans, and shall include provisions to support future expansion into larger transit buses at the facility. The parking area shall also include approximately five (5) spaces for non-revenue vehicles and thirty-nine (39) parking spaces for employees and visitors. Subject to construction phasing.

The design shall be developed to consider the impacts on existing structures and infrastructure to the extent practicable during subsequent phases of development. Project limits are depicted in **Attachment A – Site Diagram**. The subject site comprises approximately 3 acres. The parcel is generally rectangular and includes frontage along Windermere Drive, Cherrington Street, and Scioto Avenue, in El Paso County, TX.

The Project shall incorporate sustainable design strategies to the extent practicable and consistent with applicable opportunities and project constraints. The ETA requires integration of sustainable design principles into the Project; however, USGBC LEED® certification is not required and will not be pursued by the Owner at this time. The project design shall comply with the applicable building codes currently adopted and enforced by the City of El Paso, El Paso County and other Agencies Having Jurisdiction (AHJ) ([Chapter 18.08 - BUILDING CODE | Code of Ordinances | El Paso, TX | Municode Library](#))

Technical Disciplines

The Engineer shall provide professional services for the following architectural, engineering, and design of the proposed facility:

- Project Management
- Civil Design
- Architectural Design
- Industrial Equipment Design
- Structural Engineering Design
- Mechanical Engineering (HVAC) Design

- Plumbing Design
- Electrical Engineering Design
- Communications/Security Design
- Fire/Life Safety Design
- Landscape Design
- Conventional Fueling Design
- Compressed Natural Gas (GNG) Fueling Design
- Cost Estimating

The following Scope of Services outlines the tasks to be performed by the Engineer for CRRMA/ETA Transit Operations and Maintenance Facility (O&M Facility) Initial Phase.

Task 4. PROJECT MANAGEMENT AND ADMINISTRATION

The Engineer's Project Manager shall The the efforts related to the scope of services, including project supervision throughout the entire duration. This encompasses daily management of resources and schedules, budget monitoring and review, communication, file organization, conflict and problem resolution, personnel management, accounting, contract administration, and the overall project.

4.1 PROJECT INITIATION

The Engineer shall lead internal project initiation elements that include:

- Verifying project invoicing procedures with the CRRMA/El Paso County.
- Establishing the Quality Management Plan (QMP) and adjusting that plan to meet Owner special reporting or auditing requirements, where feasible.
- Establishing the project controls and procedures to be used throughout the Project to track and report physical percent and work progress by discipline.
- Establishing project closeout procedures and conveying those requirements to team members.

4.2 MONTHLY INVOICING AND PROGRESS REPORTING

The Engineer shall submit monthly invoices based on a Fixed Fee and Physical Percent. A monthly progress report shall be included with the invoice. The Invoice and Progress Report format shall be approved by CRRMA/El Paso County and the City of El Paso Procurement Department.

4.3 TEAM AND SUB-CONSULTANT COORDINATION

The Engineer shall conduct regular design team coordination meetings throughout the design of the project to support consistent and effective communication and coordination between members of the design team. Meeting minutes shall be kept and distributed following each meeting, with an on-going list of required action items. Each design discipline shall be managed by a Discipline Lead, including sub-consultants. Client Status Meetings shall include The Engineer Project Manager, Deputy Project Manager, and specific design team discipline representatives if required and as appropriate. Client Status Meetings shall be held monthly.

4.4 QUALITY MANAGEMENT

A project specific Quality Management Plan (QMP) shall be developed and followed by the design disciplines and subconsultants. QA/QC reviews and QC Round Robin Reviews shall be provided by qualified staff not directly involved in the project. The quality process shall be supported by senior level staff.

4.5 DESIGN SCHEDULE

The Engineer shall prepare a master design schedule with activities, milestones, deliverables, and Owner review periods. A Construction Schedule shall be provided by the selected contractor. The master schedule shall be reviewed, evaluated, and updated as needed and with approval from the Owner. Schedule adherence shall be reviewed at each team coordination meeting.

4.6 BIM MODEL AND FILE MANAGEMENT

A central-use BIM (Building Information Modeling) shall be developed. The design disciplines shall utilize the central model via the BIM360 model sharing platform. The Engineer BIM standards shall be utilized. The Engineer shall provide day-to-day model management using REVIT® and Autodesk Construction Cloud (ACC) / BIM 360®. Site Design shall use Civil 3D® design software. Additionally, the team shall interface with and utilize Newforma and SharePoint for file management. These products shall be used for the delivery of design deliverables and other project related submittals. Appropriate permissions shall be provided by the CRRMA/El Paso County staff and sub-consultants as required.

4.7 CLIENT COORDINATION MEETINGS

The Engineer Project manager will coordinate and facilitate monthly collaboration meetings between Owner staff and design team discipline leads. Topics will vary and can be focused on specific design elements or general design progress updates. Owner input for agenda content shall be solicited.

Meetings shall be one hour in duration and quantity of meetings is not expected to exceed sixteen.

4.8 PROJECT MANAGEMENT RELATED DELIVERABLES

- Monthly Progress Reports and Invoices
- Project Design Schedule
- Meetings and Collaboration Meeting Minutes as appropriate

4.9 PROJECT MANAGEMENT RELATED TRAVEL

- None.

Task 7. 60% DESIGN

The following specific design summary elements established by each design discipline are preliminary and may not be comprehensive and may change as the Project design progresses or if project parameters are changed based on input or direction from the CRRMA/EPC.

7.1 Pre-Design

7.1.1 Basis of Design Report (BOD)

The BOD shall be refined as part of the 60% effort. Enhancements and alterations to the 60% design approach shall be captured and illustrated, in narrative form, within the BOD.

7.1.2 Orientation/Kickoff and Design Review Meeting

The Engineer shall conduct a virtual one-hour orientation/kick-off and design review meeting attended by design team discipline leads and other key project staff. During this meeting, the existing 30% design shall be carefully reviewed, analyzed, and discussed. Owner 30% comments shall be evaluated and incorporated.

7.2 Discipline Design Scope Elements

Upon Notice to Proceed, the following specific design elements shall be advanced to the 60% level of design.

- Each discipline lead shall coordinate the response to Owner 30% comments.

- Each discipline shall provide 60% Design plans (drawings using Revit BIM software) and specifications for coordination, QC, and Client review and comment resolution as part of the 60% effort. The drawings shall be assembled by each and submitted to Owner in electronic PDF format.
- Throughout the design process, discipline leads, or their designee shall participate in internal design team meetings to aid in collaboration and coordination. Internal review shall take place to enhance coordination between system requirements and to resolve design conflicts as necessary.
- Each discipline shall update the Basis of Design (BOD) to include their specific design elements of the OMF project. The updated report shall be assembled and submitted to Owner in electronic PDF format.
- Each discipline shall provide review and comment on updated estimates of construction costs.

7.2.1 Specifications

During this task, the Engineering team shall create a Project Specification Table of Contents (TOC) that identifies the expected Specification sections and the specifications to be included in the project.

7.2.2 Civil Design

Civil Design Task shall include preparing civil design drawings that consist of the following general items:

- Civil plan set Cover Sheet and Index included a vicinity map and property information.
- Existing Condition Plan
- Site Utilities Plan (Sanitary Sewer and Waterline to Connection 5' from Building, Gas piping from street to meter)
- Site Paving Plan with paving sections.
- Site Grading and Drainage Plan
- Erosion and Sediment Control Plan
- Stormwater pond details
- Parking Lot Layout and Horizontal Control Plan
- Plan for entry roads and driveways
- Typical Site and Utility Details as necessary
- Typical Stormwater Pollution Prevention Plan drawings and details (as required).
- Preliminary Drainage Report
- Preparation of civil technical specifications
- Incorporation of 60% level owner comments

7.2.3 Structural Design

Structural Design Task shall include continued Structural Design of the Phase 1 OMF facilities in accordance with, and continuation of, the structural 30% set of design documents. Considerations to be given to effective structural systems for effective expansion of the Phase 1 buildings in accordance with the anticipated expansion plan. The Structural design shall include necessary drawings and calculations to convey:

- Building exterior envelopes (coordinated with architectural)
- Preliminary floor and roof framing systems
- Lateral force resisting systems.
- Foundations.
- Site elements requiring structural design, such as sound walls and canopies.
- Structural coordination with the operation and maintenance equipment.

- Develop technical specifications for divisions 03, 04, and 05.

Structural Design shall continue to coordinate with the AHJ related to the structural design as necessary.

7.2.4 Architectural Design

Architectural design efforts shall include:

- Communicating directly with Owner and Design Team to refine the design as necessary.
- Managing cross-discipline coordination and resolution of design conflicts as necessary.
- Coordinating with the design team's response to comments generated through internal QC and client reviews.
- Driving sustainable strategies and performance of the project through design.
- Leading the architectural design effort while directing coordination with engineering disciplines to promote seamless alignment within the overall project design.

Maintaining architectural model integrity and collaborating with other disciplines on BIM-related issues.

- Perspective Renderings: The Engineer shall prepare architectural renderings of the project from various vantage points. The renderings will show the Bus Operations & Maintenance Facility (OMF) with the site and interior renderings showing different vantage points. Renderings shall be included in the 90% deliverable set and provided to Owner as digital image files.
- Texas Accessibility Standards (TAS) services shall be performed by a Registered Accessibility Specialist (RAS) that shall be a contracted by The Engineer. The Engineer shall coordinate submittals to the RAS and incorporate TAS review comments into the design documents. Post-construction TAS inspection is excluded from this Work Authorization and shall be provided under a separate Construction Administration agreement.

The project is anticipated to be delivered using the Design-Bid-Build method. At this stage, The Engineer shall advance the design to the 60% level and prepare design documents for Owner review and coordination. These documents shall serve as the basis for further development toward the final Issue for Bidding (IFB) package in later phases. Tasks at this stage shall include:

- Building Architecture and site elements requiring architectural or design input such as decorative fencing, ancillary buildings, canopies, and other structures.
 - Floor Plans (DD) with Critical Dimensions and functional adjacencies for admin/ops, shop bays, parts storage, revenue-handling (if applicable), wash/interior clean areas.
 - Reflected Ceiling Plans (DD): Ceiling systems, soffits, access panels, major device zones; coordinate with EE/MEP.
 - Roof Plan (DD).
 - Building Sections & Typical Wall Sections: Envelope build-ups, base of wall, parapets, transitions, and movement joints.
 - Preliminary Door & Window Schedules: Door types/sizes; hardware outline including electrified hardware coordination for access (ties directly to Security and EE). Coordination with the door hardware consultant
 - Exterior Site wall design and layout.
- Interior Design & materials.

- Interior Finish Plans & Schedules; Interior Elevations (key rooms): Durable, cleanable finishes for shop and wash areas; slip resistance ratings in wet zones.
- Millwork/Casework Concept Details: Typical counter conditions, ticket/fare/revenue casework (if in scope) with security glazing/hardware where required.
- Vertical Transportation (if required by building configuration and TAS)
- Lighting Design (in coordination with the Electrical Engineer) Electrical Engineer shall lead photometrics and controls; Architect shall provide performance criteria and integrate lighting with ceiling and interior architecture.
- Life Safety Design (in Coordination with the Fire and Life Safety Engineer)
- Code Analysis and Review
- Fixtures and Furnishings
- Signage and Wayfinding
- Specifications (related to architectural elements) and overall specification coordination and assembly of specification packages.
- TAS (Texas Accessibility Standards) Strategy & Checklist: Route, parking, door clearances, counters, restrooms, showers/lockers; prepare TABS registration plan and RAS coordination timeline (plan review is required by TDLR for projects ≥ \$50,000)

7.2.5 Landscape Architecture

Landscape Architecture efforts shall include:

- Field Site Visit to verify condition and species of select trees.
- Provide preliminary planting plans for Phase 1 construction, including general layout and species recommendations.
- Provide preliminary details for landscape elements.

Identify proposed hardscape materials (e.g., paving, decorative gravel, seating areas) for coordination with architectural and civil design. Provide preliminary landscape specifications for planting and related site elements. Provide Tree Removal and Mitigation (if applicable) for Phase 1 Construction.

- Coordination for City Approval Process – DRC and BMA related to landscape elements.

Note: Irrigation system design is not included in the base scope. If desired, irrigation design can be provided as an Add-Alternate Service under a separate fee proposal.

7.2.6 Industrial Equipment Design

Equipment Industrial Design Task shall include:

- Conduct virtual Equipment Review Meeting and Service Equipment Review Meeting (two hours) with Owner staff to discuss the Preliminary Equipment List, Cutsheets, and Preliminary Equipment and Service Equipment Layout Drawings to confirm that equipment requirements have been addressed.
- Update Equipment Coordination Guide:
 - Update equipment list to be consistent with equipment layouts, review comments, and facility design.
 - Update Cutsheets and Discipline Coordination Sheets on maintenance and service equipment, as necessary.

- Equipment Layout Drawings:
 - Refine maintenance equipment layout drawings, based on comments from the review meeting with Owner staff.
- Service Equipment Drawings:
 - Develop initial service equipment layout drawings, which provide schematic piping routes to service equipment for compressed air piping system and bulk fluid piping system.
- Equipment Specifications:
 - Refine 30% draft specifications for approximately 70 maintenance and service equipment items. Coordinate with architectural/engineering specifications. These draft specifications are to be reviewed by the various design team disciplines during the construction document phase to confirm coordination between equipment and utility requirements.
- Coordination:
 - Coordinate operational and equipment related functional requirements for building systems and components including architectural, structural, mechanical, electrical, plumbing, and human engineering.
 - Review architectural/engineering design for functional response to program equipment requirements.

The following items are not included as maintenance and service equipment items and should be addressed by others: fuel system components (i.e., storage tanks, monitoring systems, pumps, dispensers).

7.2.7 Plumbing

Plumbing Task shall include:

- Provide coordination with the Civil Design Discipline as required for providing new domestic water, sanitary sewer and storm drainage services to the facility.
- Domestic water design shall be further developed with connections to plumbing fixtures.
- Sanitary waste and vent design shall be further developed with connections to plumbing fixtures. Invert elevations shall be calculated.
- Storm drainage design shall be coordinated with Architecture and Structure Teams. Roof drains and storm drainage piping shall be added to the drawings.
- The fixture schedules shall be further developed and coordinated with owner design standards.
- Specifications shall be further developed to coincide with the plumbing drawings.
- Domestic water, sanitary waste, and vent piping shall be coordinated with other trades to prevent clashes.

7.2.8 Mechanical (HVAC)

Mechanical Task shall include:

- HVAC systems for the facility shall be designed according to system criteria established in the Schematic Design task and in compliance with applicable codes, standards, and regulations.
- Warehouse, storage, maintenance/service bays and wash building shall include appropriate type of heating and ventilation only – no air conditioning. These areas shall be cooled via evaporative cooling systems.
- Air Condition shall be provided in the office and crew support areas, enclosed shop areas. Destratification fans shall be designed to improve staff comfort. Low exhaust shall be utilized to mitigate hazard classifications due to the presence of gasoline and diesel products. Provisions for vehicle exhaust shall be addressed by the Mechanical Engineer in coordination with the Equipment Designers.

- Provisions in the HVAC and Mechanical design throughout the maintenance areas shall be made to accommodate vehicles fueled by Compressed Natural Gas (CNG).
- The HVAC mechanical design for the other administrative and operations office and support areas shall include ventilation, and HVAC systems appropriate and in coordination with the El Paso County's current requirements for HVAC systems. Restroom and locker area exhaust shall be designed according to the mechanical code and ASHRAE (American Society of Heating, Refrigeration and Air Conditioning Engineers).
- Dedicated ductless split systems shall be utilized for IT/Communication rooms/closets or other systems as appropriate and in coordination with the El Paso County's current requirements for HVAC systems.
- A Building Automation System shall monitor and control HVAC system(s) operation. This system shall also be an integral element of the sustainable design strategies for the facility.
- Compressed Air systems, Lubrication Storage and Distribution system, and Waste Fluid Recovery and Storage systems design and engineering shall be provided in coordination with the Industrial Equipment Designers.
- Provide plans and specifications for coordination, QC, and client review and comments at each of the submittal milestones.

7.2.9 Fire Protection

60% Fire Protection design tasks shall include:

- Further development of 30% fire protection drawings and specifications to coincide with the fire protection systems design.
- Basis of design for the sprinkler system and coordinate with other trades.
- Fire suppression system design (drawings and specification); design will be a performance specification with delegated design to a fire sprinkler contractor; drawings will include coordinating riser locations, special conditions for the sprinkler contractor, hazard classification, and standard details. Preliminary hydraulic calculations will verify the water supply is adequate to serve the fire sprinkler system.
- Fire alarm system design (drawings and specification); design will be a performance specification with delegated design to a fire alarm contractor; drawings will include coordinating panel locations, special conditions for the contractor, device layouts, and conceptual riser diagram and control matrix.
- Fire Protection shall coordinate with other disciplines on requirements for other building systems that interface with fire suppression and fire alarm systems.
- Provide plans and specifications for coordination, QC, and Client review and comment.

7.2.10 Fire/Life Safety

60% Fire/Life Safety Task shall include:

- Further development of 30% Fire/Life Safety drawings to coincide with the fire protection systems design.
- The Fire and Life Safety and design team representatives will participate in necessary meetings with the City of El Paso and/or El Paso County Fire Department Chief or designee. Code Analysis will be provided by the design team including Code Plans with code analysis documenting Building, Fire, and Life Safety Code compliance; drawings indicating egress, occupant loads, wall fire ratings, site egress/fire access, fire extinguisher layouts, exit signs.
- Determining the extent of Class I, Division 1 and Division 2 hazardous areas resulting from the presence of compressed natural gas (CNG), in accordance with NFPA 52 (Vehicular Gaseous Fuel Systems Code), and NFPA 30A (Code for Motor Fuel Dispensing Facilities and Repair Garages).
- Fire and Life Safety System details, components, hardware, and supporting software as approved by the City of El Paso or El Paso County Fire Department.
- Discipline specific contributions to Basis of Design report.

- Fire/Life Safety shall coordinate with other disciplines on requirements for other building systems that interface with fire/life safety.
- Provide plans and specifications for coordination, QC, and Client review and comment.

7.2.11 Electrical Design

Electrical tasks shall include:

- Provide coordination with the electrical utility company as required for providing a new electrical service to the facility. This shall include completion of required utility company load sheets.
- Lighting level design shall be coordinated with the architectural design team and be based on IES guidelines. Lighting design includes interior and exterior lighting and lighting control systems. LED fixtures only, shall be utilized throughout interior and exterior of the facility.
- Provide power design services for the facility. This includes the design of the electrical distribution system; both normal and emergency power; layout of electrical receptacles, power design for support of mechanical equipment and power design for support of equipment which utilizes electrical connections. Power distribution and supply shall be coordinated with available power to the site via the existing substations, distribution via existing duct bank system and with local utility provider.
- Provisions in the electrical and lighting design throughout the maintenance areas shall be made to accommodate vehicles fueled by Compressed Natural Gas (CNG).
- Provide performance specifications for lightning protection of maintenance building.
- Design Emergency Power system provided by diesel fired generator(s). Diesel Generators shall include diesel fuel stored in base mounted double wall tanks. The amount of fuel in the storage tanks shall be coordinated with the owner's requirements of operation during power outages and under emergency operations situations. The emergency power distribution shall be segregated into "Life safety" and "Emergency power" systems.
- Provide plans and specifications for coordination, QC, and Client review and comment at each of the submittal milestones.

7.2.12 Communications and Security Design

Communications/Security tasks shall include:

- The Entrance Facility (EF) shall include Building Entrance Protectors (BEP) for the copper OSP cabling and fiber splice closures for transition from OSP to interior rated optical fiber cables.
- Outside Plant (OSP) Cabling shall be designed to support the function of the facility. OSP cabling requirements will be determined in close coordination with the User and port requirements.
- Telecom Rooms shall be designed in accordance with TIA and BICSI guidelines. Sizes and locations of the Telecom Rooms shall be coordinated with the building layout. Each Telecom Room shall be integrated with the EF and adjacent Telecom Rooms with a backbone conduit and cabling design in a hierarchical star topology. Spare backbone conduits shall be provided for future additions and modifications to the backbone cabling infrastructure.
- Horizontal cabling pathways shall be designed in accordance with TIA and user requirements. Pathways include work area outlets, conduit concealed in walls, and cable trays, under slab conduits, in slab pull boxes and floor boxes with work area outlets.
- Horizontal cabling shall be included from designated patch panels in the Telecom Rooms to the work area outlets. Horizontal cabling shall be Cat 6 for data and VoIP.
- Electronic security systems (ESS), Intrusion Detection Systems (IDS) and Access Control Systems (ACS) shall be provided based on CRRMA/El Paso County requirements including special systems at the new Entry/Exit gate that requires a fiber optic connection.

- Communication and Security System details, software, hardware, and firm ware shall be recommended by the CRRMA/El Paso County.

7.2.13 Conventional Unleaded and CNG Fuel System Design

Unleaded Gasoline and CNG Fueling tasks shall include:

- Design of a conventional Unleaded Gasoline and Compressed Natural Gas (CNG) vehicle fueling station including receipt, storage (Unleaded only), compression (CNG only) and dispensing. The fueling station shall include two (2) dispensers for unleaded gasoline dispensing, two (2) CNG dispensers located on islands. Two (2) additional unleaded gasoline dispensing positions will be designated as “Future” for expansion. Final volumes and number of compressors and volume of the storage vessels for both fuels shall be determined during Schematic Design.
- CNG Fuel shall be received via high pressure/large volume pipeline. Two fueling islands shall be provided with two CNG fast fill fuel dispensers on each.
- Unleaded gasoline fuel shall be stored in above ground storage tanks (ASTs) compliant with local standards and NFPA standards.
- Design shall conform to NFPA 52, NFPA 30, NFPA 30A, as well as state and local regulations.
- CNG Storage Vessels shall be specified as ASME Boiler and Pressure Vessel Code (BPVC) Section VIII-Division 1 which includes double containment, fire insulation, and impact resistant features.
- Fueling island shall include a canopy area to reduce to a reasonable level of storm water runoff and hydraulically isolate the dispensing area.
- Prepare Unleaded Gasoline and CNG fuel design drawings, consisting of the following general items:
 - General CNG Compressing Area Layout
 - General Unleaded Gasoline Equipment Layout
 - Overall Fuel Flow Schematic
 - Fuel Tank Layout Sheet displaying nozzle schedule.
 - Fuel System Piping Plan
 - Piping Sections and Details
 - Fuel System Flow Schematics including equipment, piping, instrumentation, and controls.
 - Fuel Mechanical Details
 - Tank and Dispenser Labeling Details
 - I&C One-Line Diagram
- Prepare Unleaded Gasoline and CNG fuel system technical specifications for components and installation.
- Provide plans and specifications for coordination, QC, and Client review and comment at each of the submittal milestones.

7.2.14 Cost Estimation

The Engineer shall provide the cost estimating professional services for three estimates at the end of the Schematic Design (30%) Task, the Design Development (60%) Task and the Construction Documents Task (100%). Each cost estimate shall be provided as a Draft and after incorporating team and El Paso County comments. Estimates shall follow the AACE estimate approach.

- The Engineer shall provide an AACE Class 4 Estimate at the end of the Schematic Design Task
- The Engineer shall provide an AACE Class 3 Estimate at the end of the Design Development Task.
- The Engineer shall provide an AACE Class 2 Final Cost Estimate at the end of the Construction Documents Task.

- The Construction Documents Cost Estimate shall include a brief narrative detailing the scope of work, methodology used to prepare the estimate including pricing basis, unit rate basis, schedule basis and indirect cost basis and exclusions. A summary shall be included in the deliverable which gives costs in a less detailed manner but easier to review.
- The Level 3 and Level 2 estimates shall include material pricing and major owned equipment pricing backup as attachments to the estimate and subcontractor quotes, as backup data where appropriate. Estimate references or utilize the latest RS Means and/or recent vendor/subcontractor quotes for pricing as part of the estimate, however, the backup for bulk material pricing is only available upon request and is not a standard attachment to backup pricing.

7.3 60% Design Deliverables

- Draft Technical Specifications
- Updated Industrial Equipment Coordination Guide
- Updated Basis of Design Report
- Preliminary Drainage Report
- 60% Design Drawings (PDF Files)
- AACE Class 3 Cost Estimate

7.4 60% Design Travel

The following travel is anticipated during the 60% development:

- Up to one in-person site visit (up to 2 Engineer's staff)



Date: Thu 3/5/26

	Task		Summary		Inactive Milestone		Duration-only		Start-only		External Milestone		Manual Progress
	Split		Project Summary		Inactive Summary		Manual Summary Rollup		Finish-only		Deadline		Progress
	Milestone		Inactive Task		Manual Task		Manual Summary		External Tasks		Progress		Manual Progress

EXHIBIT C-4
FEE SCHEDULE

ETA Transit Operations and Maintenance Facility

TASK			SUBTOTAL TASK 4	SUBTOTAL TASK 7	ODE Subtotal	Total	DBE % of Total WA
			Project Management and Administration	60% Design Development			
Firm	DBE	HUB (Exp Date)	Labor	Labor			
HDR Engineering, Inc.	NO		\$ 9,149.24	\$ 503,521.48	\$ 18,828.61	\$ 531,499.33	N/A
			\$ 9,149.24	\$ 503,521.48	\$ 18,828.61	\$ 531,499.33	0.00%

**EXHIBIT C-4
 FEE SCHEDULE**

HDR Engineering, Inc.

BUSINESS TASK ID	TASK DESCRIPTION	HDR Engineering, Inc.-Project Manager	HDR Engineering, Inc.-Deputy Project Manager	HDR Engineering, Inc.-Principal	HDR Engineering, Inc.-Senior Engineer	HDR Engineering, Inc.-Project Engineer	HDR Engineering, Inc.-Design Engineer	HDR Engineering, Inc.-Transportation Planner - Senior	HDR Engineering, Inc.-Transportation Planner	HDR Engineering, Inc.-EIT 2	HDR Engineering, Inc.-EIT 1
CONTRACT RATE PER HOUR:		\$ 342.56	\$ 256.92	\$ 356.83	\$ 256.92	\$ 185.55	\$ 157.01	\$ 242.65	\$ 185.55	\$ 119.90	\$ 99.91
4	Project Management and Administration										
4.1	Project Initiation	1	1	1	2	0	2	0	2	0	0
4.2	Invoicing and Progress Reports	0	0	0	0	0	0	0	0	0	0
4.3	Team and Subconsultant Coordination	1	1	0	2	0	1	0	0	0	0
4.4	Quality Management	0	0	1	0	0	0	0	0	0	0
4.5	Design Schedule	1	0	0	0	0	0	0	0	0	0
4.6	BIM Model and File Management	0	0	0	0	0	1	0	0	0	0
4.7	Client Coordination	1	1	1	3	2	1	0	0	0	0
Sub-Total		4	3	3	7	2	5	0	2	0	0
CONTRACT RATE PER HOUR		\$ 342.56	\$ 256.92	\$ 356.83	\$ 256.92	\$ 185.55	\$ 157.01	\$ 242.65	\$ 185.55	\$ 119.90	\$ 99.91
SUBTOTAL LABOR COST		\$ 1,370.24	\$ 770.76	\$ 1,070.49	\$ 1,798.44	\$ 371.10	\$ 785.05	\$ -	\$ 371.10	\$ -	\$ -
% Distribution of Staffing		9%	7%	7%	15%	4%	11%	0%	4%	0%	0%
SUBTOTAL TASK 4											
7	60% Design Development										
7.1.1	Orientation/Kickoff Meeting	1	1	0	2	5	17	4	0	0	4
7.1.2	Basis of Design Report	0	0	0	10	6	34	16	0	0	0
7.2.1	Specifications	0	0	0	23	6	15	8	0	0	0
7.2.2	Geotechnical	0	0	0	106	1	0	0	0	0	0
7.2.3	Survey	0	0	0	16	0	8	0	48	0	0
7.2.4	Civil Design	0	1	0	13	40	2	0	0	0	0
7.2.5	Structural Design	0	0	0	24	0	0	0	0	0	0
7.2.6	Architectural Design	0	0	0	0	10	0	0	80	0	0
7.2.6.1	Digital Renderings	0	0	0	0	0	0	0	0	0	0
7.2.7	Landscape Architecture	0	1	0	0	0	0	0	0	0	0
7.2.8	Industrial EQ	0	0	0	0	0	0	0	0	0	0
7.2.9	Plumbing Design	0	0	0	14	0	0	90	0	0	0
7.2.10	Mechanical Design	0	0	0	14	0	90	0	0	0	0
7.2.11	Fire Protection	0	1	0	0	20	64	0	0	0	0
7.2.12	Fire/Life Safety	0	0	0	0	4	8	0	0	0	0
7.2.13	Electrical Design	0	0	0	20	0	220	0	0	0	0
7.2.14	Comms/Security Design	0	0	0	0	0	16	0	0	0	0
7.2.15	Fueling Design	0	0	0	120	0	0	0	0	100	0
7.2.16	Cost Estimating	0	0	0	64	60	0	0	0	0	0
7.2.17	Meetings	1	1	0	25	8	20	4	0	0	0
7.2.18	QC	1	1	20	60	16	42	8	0	0	0
Sub-Total		3	6	20	511	176	536	130	128	100	4
CONTRACT RATE PER HOUR		\$ 342.56	\$ 256.92	\$ 356.83	\$ 256.92	\$ 185.55	\$ 157.01	\$ 242.65	\$ 185.55	\$ 119.90	\$ 99.91
SUBTOTAL LABOR COST		\$ 1,027.68	\$ 1,541.52	\$ 7,136.60	\$ 131,286.12	\$ 32,656.80	\$ 84,157.36	\$ 31,544.50	\$ 23,750.40	\$ 11,990.00	\$ 399.64
% Distribution of Staffing		0%	0%	1%	18%	6%	19%	5%	4%	3%	0%
SUBTOTAL TASK 7											
TOTAL HOURS		7	9	23	518	178	541	130	130	100	4
CONTRACT RATE PER HOUR		\$ 342.56	\$ 256.92	\$ 356.83	\$ 256.92	\$ 185.55	\$ 157.01	\$ 242.65	\$ 185.55	\$ 119.90	\$ 99.91
TOTAL LABOR COST		\$ 2,397.92	\$ 2,312.28	\$ 8,207.09	\$ 133,084.56	\$ 33,027.90	\$ 84,942.41	\$ 31,544.50	\$ 24,121.50	\$ 11,990.00	\$ 399.64
% Distribution of Staffing		0%	0%	1%	18%	6%	19%	4%	4%	3%	0%
TOTAL											

**EXHIBIT C-4
 FEE SCHEDULE**

HDR Engineering, Inc.							
BUSINESS TASK ID	TASK DESCRIPTION	HDR Engineering, Inc.-Engineer Technician - Senior	HDR Engineering, Inc.-Engineer Technician	HDR Engineering, Inc.-Administrative/Clerical	HDR Engineering, Inc.-Architect - Senior	HDR Engineering, Inc.-Architect III	TOTAL LABOR HRS AND COSTS
CONTRACT RATE PER HOUR:		\$ 185.55	\$ 128.46	\$ 114.19	\$ 228.37	\$ 157.01	
4	Project Management and Administration						
4.1	Project Initiation	0	1	6	0	0	16
4.2	Invoicing and Progress Reports	0	0	4	0	0	4
4.3	Team and Subconsultant Coordination	0	0	1	0	0	6
4.4	Quality Management	0	0	4	0	0	5
4.5	Design Schedule	0	0	0	0	0	1
4.6	BIM Model and File Management	0	0	0	0	0	1
4.7	Client Coordination	1	1	0	2	0	13
	Sub-Total	1	2	15	2	0	46
	CONTRACT RATE PER HOUR	\$ 185.55	\$ 128.46	\$ 114.19	\$ 228.37	\$ 157.01	Ave. \$ 184.71
	SUBTOTAL LABOR COST	\$ 185.55	\$ 256.92	\$ 1,712.85	\$ 456.74	\$ -	\$ 9,149.24
	% Distribution of Staffing	2%	4%	33%	4%	0%	100%
	SUBTOTAL TASK 4						\$9,149.24
7	60% Design Development						
7.1.1	Orientation/Kickoff Meeting	0	0	0	0	0	34
7.1.2	Basis of Design Report	0	2	0	0	0	68
7.2.1	Specifications	0	2	0	0	0	54
7.2.2	Geotechnical	0	1	0	0	0	108
7.2.3	Survey	0	20	4	0	0	96
7.2.4	Civil Design	12	76	0	0	0	144
7.2.5	Structural Design	0	100	0	0	0	124
7.2.6	Architectural Design	0	348	0	92	0	530
7.2.6.1	Digital Renderings	0	40	0	0	0	40
7.2.7	Landscape Architecture	0	0	0	16	4	21
7.2.8	Industrial EQ	32	160	60	0	0	252
7.2.9	Plumbing Design	0	0	0	0	0	104
7.2.10	Mechanical Design	0	0	0	0	0	104
7.2.11	Fire Protection	0	0	0	0	0	85
7.2.12	Fire/Life Safety	0	0	0	0	0	12
7.2.13	Electrical Design	0	0	0	0	0	240
7.2.14	Comms/Security Design	0	40	0	0	0	56
7.2.15	Fueling Design	20	40	0	0	0	280
7.2.16	Cost Estimating	0	80	0	0	0	204
7.2.17	Meetings	4	12	4	4	0	83
7.2.18	QC	10	52	0	16	6	232
	Sub-Total	78	973	68	128	10	2871
	CONTRACT RATE PER HOUR	\$ 185.55	\$ 128.46	\$ 114.19	\$ 228.37	\$ 157.01	Ave. \$ 184.71
	SUBTOTAL LABOR COST	\$ 14,472.90	\$ 124,991.58	\$ 7,764.92	\$ 29,231.36	\$ 1,570.10	\$ 503,521.48
	% Distribution of Staffing	3%	34%	2%	4%	0%	100%
	SUBTOTAL TASK 7						\$503,521.48
	TOTAL HOURS	79	975	83	130	10	2917
	CONTRACT RATE PER HOUR	\$ 185.55	\$ 128.46	\$ 114.19	\$ 228.37	\$ 157.01	Ave. \$ 184.71
	TOTAL LABOR COST	\$ 14,658.45	\$ 125,248.50	\$ 9,477.77	\$ 29,688.10	\$ 1,570.10	\$ 512,670.72
	% Distribution of Staffing	3%	33%	3%	4%	0%	100%
	TOTAL						\$512,670.72

PROJECT: CRRMA 2022 IDC Master Contract

HDR Engineering, Inc.

OTHER DIRECT EXPENSES

FIRM	CATEGORY	SERVICES TO BE PROVIDED	UNIT	RATE	QUANTITY	COST
HDR Engineering, Inc.	Travel	Mileage (or at current state rate, whichever is greater)	mile	\$0.710	91	\$64.61
HDR Engineering, Inc.	Travel	Lodging/Hotel - Taxes and Fees (or at current state rate, whichever is greater)	day/person	\$45.00	4	\$180.00
HDR Engineering, Inc.	Travel	Meals (Excluding alcohol & tips) (Overnight stay required) (or at current state rate, whichever is greater)	day/person	\$68.00	18	\$1,224.00
HDR Engineering, Inc.	Travel	Air Travel (Round Trip)	Rd Trip/person	\$650.00	4	\$2,600.00
HDR Engineering, Inc.	Travel	Oversize, special handling or extra baggage airline fees	each	\$100.00	2	\$150.00
HDR Engineering, Inc.	Travel	Parking	day	\$30.00	9	\$270.00
HDR Engineering, Inc.	Travel	Rental Car (Includes taxes and fees; Insurance costs will not be reimbursed)	day	\$100.00	3	\$300.00
HDR Engineering, Inc.	Travel	Rental Car Fuel	gallon	\$5.00	7	\$35.00
HDR Engineering, Inc.	Travel	SUV or ATV Rental (Includes taxes and fees; Insurance costs will not be reimbursed)	day	\$185.00	1	\$185.00
HDR Engineering, Inc.	Administrative	Materials and Shipping	per package	\$100.00	5	\$500.00
HDR Engineering, Inc.	Planning / Environmental	Environmental Field Supplies (lathes, stakes, flagging, spray paint, etc.)	day	\$35.00	1	\$35.00
HDR Engineering, Inc.	Surveying / ROW	Portable LiDAR System (Back Pack Mounted)	day	\$1,750.00	1	\$1,750.00
HDR Engineering, Inc.	Surveying / ROW	T-Posts (Materials only)	each	\$5.00	7	\$35.00
HDR Engineering, Inc.	Surveying / ROW	Mobilization for Unmanned Aerial System (travel to project) (includes vehicle)	per project	\$7,500.00	1	\$7,500.00
HDR Engineering, Inc.	Miscellaneous	R.A.S Certified Review	hour	\$40.00	100	\$4,000.00
					Total	\$18,828.61