



INFRASTRUCTURE RFP: QUESTIONS AND ANSWERS

EL PASO STREETCAR PROJECT

DATE: July 15, 2015 UPDATED: July 21, 2015

Questions shown as Pending or Addendum Required but were not addressed in Addendum 2 will be addressed in the next Addendum or the next Response to Comments.

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
1	Gen Conditions Article 6 - 4	Section states that Contractor shall "Procure all permits and licenses; pay all charges, fees, and taxes..." Will purchases of Permanent Material, for incorporation into the project, be subject to State or Local Sales Taxes?	No	No
2	Form G Price Proposal	Several items are listed with 0 Estimated Quantity. Will these items be assigned quantities in an Addendum? If not; how, for bidding, are these Items to be handled?	Form G was modified in Addendum #2.	Yes
3	Form G Price proposal Items AA-14 & 15, and Instructions to Proposers	These two items; "Utility Coordination" and "Public Information" are listed as Add-Alternate Items. However, these scopes are described as Contractor Responsibilities in the Instructions to Proposers Proposal Requirements. Please explain what costs belong in these two items, and if all of the project-wide scopes of these two items need to be considered as Add-Alternate (Owner Optional).	Utility Coordination and Public Information items will be revised to describe the minimum responsibilities required under the base bid portion of the work. The cost for the work will be considered subsidiary to the various project work items. Public Information item will be removed from the Add Alternate list. A revised Utility Coordination item will describe responsibilities in addition to those in the base bid, and included as an Add Alternate item.	Yes

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4	Gen Conditions Article 6 - 20	<p>Section states that Contractor to "Ensure that employees,...are paid at least the predetermined wage rates shown in the Contract.</p> <p>Please provide the Predetermined Wage Rates as they can not be found in the current set of contract documents..</p>	<p>The PWR will be the TXDOT prevailing wage rates for El Paso County, Zone 34.</p>	Yes
5	Exhibit C - Sheets G017 and G018	<p>There appear to be some major discrepancies between the Signing and Striping Quantity Summaries and the Pavement Marking Plans (Drawings T001 through T369).</p> <p>For example, the Quantity Summary for Sheet 1 of 66 lists: 0 LF of Refl Pav Mrk Ty I (W) 18" (SLD); 0 LF of Refl Pav Mrk Ty I (W) 24" (SLD); and 340 EA Refl Pav Mrk Ty I (W) (ARROW). The table on corresponding Pavement Marking Plan, Drawing T300, lists: 340 LF of Refl Pav Mrk Ty I (W) 18" (SLD); 89 LF of Refl Pav Mrk Ty I (W) 24" (SLD); and 5 EA Refl Pav Mark Ty I (W) (ARROW).</p> <p>Please update the Quantity Summary sheets and associated Form G Price Proposal to reflect the scope of work shown on the Pavement Marking Plans.</p>	<p>The quantity will be corrected.</p>	Yes
6	Exhibit C - Sheet G016	<p>The quantity table is illegible for Item Codes 476-6020 and 550-6001.</p> <p>Please revise.</p>	<p>Corrected in Addendum 1.</p>	No
7	Form G Price Proposal	<p>Per 305 of Texas Dot Specifications, please identify a stockpile location for material associated with Item 204 - "Salv,Haul & Stkpl Rcl Asph Pv (Var Depth)."</p>	<p>Plans will be revised to indicate that the material shall be delivered to the City of El Paso stockpile facility located at 4320 Delta Drive, El Paso, Texas.</p>	Yes.
8	Specification EP-Luminaire, and Drawing N109 & G022	<p>Plan sheet N109 & G022 calls out 31 locations where street lights will be installed on OCS poles. Specifically Drawing N109 shows, removal of existing light pole, and either extending or intercepting the existing lighting circuit. Please note that there is no bid item for "Removing existing Illumination Assembly". Additionally, proposed junction box shown being placed on-top of removed pole foundation. There is no bid item for partial demolition of pole foundation necessary for installation of junction box.</p> <p>Please provide measurement and payment definition for "Pole removal" and "Foundation demolition" as shown on drawing N109..</p>	<p>Specification EP-Luminaire will be modified to include a clause for removal of illumination assembly and partial demolition needed for installing junction box as subsidiary/incidental to the junction box installation.</p>	Yes

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9	Specification 34 23 35.99	<p>OCS Pole Painting. Section 1.1 Summary states the scope of work is limited to painting of OCS Poles.</p> <p>Please confirm if OCS cantilever pipe supports as specified in 34 23 50, paragraph 2.7 are to be painted?</p> <p>Please confirm if light fixtures, banner arms, and other pole attachments are to be painted?</p> <p>Please confirm if paint color scheme is to be same on traffic poles, street light poles, antique poles, etc.</p>	<p>Correct, OCS spec is for poles only.</p> <p>No Paint for OCS assemblies.</p> <p>Pole amenities to be painted to match.</p> <p>No. Ornamental pole attachments painted to match ornamental poles as specified. Plain pole attachments painted to match plain poles as specified. Traffic signal pole finishes as specified.</p>	No
10	Drawing S200 (Sheet 694); Special Specification EP-Fence Ground	<p>Specification "Description" of work indicates that the fence/railing on Stanton bridge over I-10 is to be grounded as per the plans.</p> <p>Please confirm that only one side (track side) of the bridge fence is grounded per the detail shown in S200?</p> <p>Please confirm their are no other fences to be grounded?</p>	<p>Confirmed only the track side fence requires grounding. Additionally we will require grounding the relocated fence on the south side of the MSF, and the westerly fence adjacent to the track behind the DTC.</p>	Yes
11	Special Specification EP-Iron Fence	<p>Special Specification "EP-Iron Fence" references materials in accordance with "Wrought Iron Fence" listed in the Maintenance Storage Facility specifications. The details for the fence materials can not be found in volume 3 specifications.</p> <p>Please provide specifications for fence, coatings, foundation details, etc.</p>	<p>Wrought Iron fence is Section 05 50 00 Metal Fabrication, coatings are part of Section 09 91 13 Exterior Paint and Coatings and Details are shown on sheet SP1.8.</p>	No
12	Bid Form, Base Bid 1 Item 56, Drawings J710, J711, J712	<p>Bid Item description notes fence is chain link by 6-foot tall, however no other details can be found.</p> <p>Please provide chain link fence details. Does fence need barb wire? What size and hinge requirements for the gates? Are gates incidental to the per lineal foot price of fence?</p>	<p>Refer to TxDOT standard "CHAIN LINK FENCE - CLF 10" included with the TxDOT details in Addendum 2. Barbed wire is not required.</p> <p>Gates are incidental to the bid item; the intention is that final gate size, configuration, type, and placement must be coordinated with the TPSS shop drawings to ensure the gates line up with the heavy equipment doors of the substation.</p>	No
13	Drawing J713	<p>Plan sheet J713 does not show fence is needed at TPSS site A4.</p> <p>Please confirm if fence is needed to keep un-authorized personnel out of electrical storage facilities, or for code / permit conditions?</p>	<p>Fencing not necessary due to onsite security at Sun Metro DTC.</p>	No

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14	Special Specifications EP-Systems.	<p>Special Specification "EP-Systems" paragraph 4a. notes that TPSS sites are paid Lump Sum for the work specified "in the attached specifications (listed under Section 5 "Attached Specifications") and plans". Also this paragraph notes that items related to civil work will be paid separately. List of separate items does not include, 110 Excavation, or item 132 Embankment, for the cut and fill grading shown on Drawings J710, J711, J712 and J713.</p> <p>Please provide pay items for the TPSS earthwork.</p>	<p>Excavation is not covered under the EP-SYSTEM lump sum, it is contained within the 'civil' TPSS quantities: 400 6001 STRUCT EXCAV on G016 for TPSS A1 only. The other sites are substantially at grade and any earthwork is incidental to other civil removal quantities.</p>	No
15	Drawings J710, J711, J712, J713	<p>In our experience most TPSS sites are covered with insulating material "crushed rock" surfacing. Upon review of the plans, we find sites A1 call out for "proposed concrete pad"; and at site A2 call out for "proposed concrete pavement". The other two sites A3, and A4 do not show any surfacing other than "Finished Grade".</p> <p>Please provide concrete pad thickness, specifications, and Measurement / Payment etc.</p> <p>Please confirm if the A3, and A4 sites should receive crushed rock surfacing, and if so what specifications, thickness, measurement and payment provisions to follow?</p>	<p>Surfacing at all of the TPSSs outside of the foundation pad is "6" sidewalk 531-6003" as shown on dwg. G016. Since the service to the TPSS is 480VAC (Low Voltage) we do not need crushed rock surrounding the TPSSs.</p>	No
16	Drawing J642	<p>Drawing and note 6, calls for "TPSS Concrete landing and steps" at each end of the TPSS building such that a step from the building to finish grade is "no greater than an 8-inch step.</p> <p>Please confirm measurement and payment items for these landings.</p>	<p>Any steps are subsidiary to substation foundation pad.</p>	No
17	Bid Form, Base Bid 1 Item 48, and Specification 420	<p>Please confirm BI #47 CL C Conc (footing) is for the 14 x 20.75 foot TPSS foundation shown on J720, and no other concrete "Pads", "Pavement", or "Landings" are to be included in this Bid Item?</p>	<p>Confirmed.</p>	No
18	Drawing J701	<p>Drawing calls out "new sidewalk and basement reconstruction" with a reference to Note 1 which indicates that "Details shown here are schematic for estimating purposes only". Please be advised that there is insufficient information from which to estimate the cost for the basement reconstruction. At a minimum we would need to know the following 1) Who is responsible for the field survey; 2) Who is responsible for the final design; 3) If building permits are required and who is responsible for obtaining permits; 4) How to access the basement; 5) If basement is occupied; 6) If dust partitions are needed during construction; 7) If utilities need to be relocated. In addition, additional detailed information would be needed showing 8) Demolition details; 9) Waterproofing details; 10) Structural details; 11) Layout showing distance to adjacent wall. Due to the various unknowns, please consider making Basement Reconstruction an Allowance Item.</p>	<p>Three anticipated basement foundation locations will be paid by force account. Additional clarification added to sheet J701 including the following notes:</p> <p>3. Field survey, and final design work will be provided by the CRRMA at no cost to the contractor. Other construction elements that may be required to address the final finish in the basement may be included in the final design. The Contractor shall include adequate time in the work schedule to provide for notice to the CRRMA, field survey and design of each basement in coordination with the CRRMA. The CRRMA will work in a diligent manner to provide the final design and supplemental plan sheets to the Contractor.</p> <p>4. The Contractor shall perform the work described in the supplemental plan sheets as Force Account Work for each basement locations identified in the plans.</p> <p>5. Any new basement locations encountered to be in conflict with the project plans will be addressed by Change Order to redesign the project plans in a diligent manner.</p>	Yes

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19	EP-000-ADD	<p>Specification states on page 3 " The proposer should note that Additive Alternate items of work may be awarded in lieu of the base bid items, if the bids come within the budget specified in the contract".</p> <p>Please confirm that Add-Alternate Bid Items AA-001 to AA--018, are should be considered additive items instead of "in lieu of base bid items"?</p>	<p>Confirmed. Items AA-001 to AA-0018 are additive items (not in lieu). AA19-AA23 are "in lieu of" items and represent the incremental ("additional") cost necessary to upgrade or replace those items from the base bid version specified.</p>	No
20	EP-000-ADD	<p>Please confirm Add-Alternate Bid Items AA-019 to AA-022 shall be the incremental cost of furnishing Ornamental in lieu of Standard Tapered Tubular OCS poles as depicted on drawing J221 and various other drawings. This definition is needed because Item B1-039 is for OCS system is Lump Sum.</p>	<p>Confirmed.</p>	No
21	EP-000-ADD	<p>Please confirm Add-Alternate Bid Items AA-023 is the unit price differential for constructing Wrought Iron Fence in lieu of the specified TxDOT Chain Link Fence. This definition is needed because both B1-056, and AA-023 are Unit Priced and have the same quantities and units of measure.</p>	<p>Confirmed. The unit price identified for Add-Alternate Bid Item AA-023 should be the incremental cost per unit of measure of Wrought Iron Fence above Chain Link Fence.</p>	No
22	EP-000-ADD	<p>As currently written the Lump Sum price for the OCS System complete includes OCS poles with light arm attachments, and Bid Item B1-192 to B1-193 are for only the LED Fight fixture and wire to connect to the OCS Pole.</p> <p>Please confirm if Add-Alternate Bid Item AA-018 thru AA-019, and Item B1-192 to B1-193 and for light LED Fixtures should include the cost for the Arm attachments for the OCS poles, and that Bid Item 039 should exclude the arm attachments.?</p>	<p>"OCS-Complete in Place" bid item should exclude the arm attachments. The specification EP-Luminaire will be modified to allow the light arm attachments to be subsidiary to the LED light fixture item (in both Base Bid & Add Alternate cases).</p>	Yes
23	EP-000-ADD	<p>Please confirm if Add-Alternate Bid Item AA-016 Decorative Light Pole, will include the cost of the Foundation, PVC Conduit, Conductors, and Junction Boxes normally paid for under separate items of Work?</p>	<p>Foundations, Conduit, Conductor, and Junction Box quantities associated with the add-alternate decorative light poles will be moved to add alternate section of the bid form.</p>	Yes
24	Sheets K942-K944, K949-K954. Spec sections 34 11 23.31 & 34 11 23.33	<p>Will the agency consider the installation of 115RE standard rail turnouts with 115RE/51R1 transitions in lieu of 51R1 girder rail turnouts?</p>	<p>No</p>	No
25	General Conditions - Article 8 - Page 71	<p>What will the terms for Owner Payment be? Will Payment occur within 30 days of approved pay application, following Texas Local Government Code chapter 2251.002.</p>	<p>Yes</p>	No
26	General Conditions - Article 6, Section 2.6.4 Page 44	<p>Article 7 of General Conditions references use of Law Enforcement as directed. Shall contractor incur costs associated with use of Law Enforcement, if so, how shall the Contractor be compensated for their use?</p>	<p>Item will be paid for by Force Account and as directed by the CRRMA.</p>	Yes

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27	ITP Section 1.6, Page 4 and Exhibit A General Conditions, Item 6.2 Page 67	States, "Failure to meet the deadline for Substantial Completion of the Project will result in liquidated damages of \$5,000 per day." and "Failure to meet the deadline for Substantial Completion of the Interim Milestone Work will result in liquidated damages of \$5,000 per day". Please specify a maximum (or cap) for LD's as our parent company will not allow us to bid projects with uncapped LD's.	Addressed in Addendum #2.	Yes
28	ITP Section 1.8, Page 4	States, "The CRRMA, in consultation with TxDOT, has established a minimum SBE Program participation goal of ___% that..." . Please specify what the SBE and DBE participation goals for this project are.	SBE goal is 8%. That is the only goal. The Goal of 8% was added in Addendum 1.	Yes
29	Exhibit A General Conditions, Article 4 - Control of the Work, Section 2, Page 21	States, "When required, provide working drawings to supplement the plans with all necessary details not included on the Contract Plans." Please verify the drawings referred to here are any required drawings as shown in TABLE 1 on page 22.	Verified	No
30	Exhibit A General Conditions, Article 4 - Control of the Work, #3 - Cooperation of Contractor, Page 24	States, "Superintendent shall be required to be in attendance for receipt of all on-site deliveries required by the Contract Documents." We would prefer to keep our Superintendent in the field with the working crews. Please verify it is acceptable for the Superintendent's designee or a for a field engineer to receive deliveries.	It is acceptable provided the CRRMA has no objection to the designee or field engineer. The successful bidder will submit a request for substitution.	No
31	Exhibit A General Conditions, Article 4 - Control of the Work, #9 - Cooperation with Railroads, Page 25	States, "Plan and prosecute portions of the work involving a railway to avoid interference with or hindrance to the railroad company." We are not aware of any circumstance where we would impact a railroad. Please verify we will not be required to interface with the railroad and also verify we are not required to carry Railroad Protective Insurance.	Work over railway right of way on Santa Fe Street and on Stanton Street train way overpasses may require railroad insurance as determined by the contractor to perform the indicated work. No work is anticipated to be performed over the railroad without the benefit of the existing overpass to separate the work area from moving train traffic. It is not anticipated that there would be any impact to the railroad but wanted to point out the presence of UPRR operating below the work area.	No
32	Exhibit A General Conditions, Article 6 - Legal Relations and Responsibilities, Section 2.5.12, Page 43	States, "The Contractor shall not allow its employees to eat, smoke, or drink within any work area at the site. The Contractor shall designate areas for such activities in the support zone around the office trailers." Please remove this language as some of our craft employees may be smokers.	The cited provision was modified by Addendum No. 2, but smoking within the work area is still prohibited.	Yes

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33	Exhibit A General Conditions, Article 6 - Legal Relations and Responsibilities, Section 3, Page 45	States, "The Contractor shall not be entitled to a Change Order related to a change in applicable law after the date proposals are due unless the change results in an increase in Contractor's costs of at least \$150,000 as a result of (1) a new major state or federal environmental approval not previously required for the Project, or (2) a law that specifically targets the Project or Contractor." Please remove this language as it will add unnecessary cost to the project. We suggest making this an allowance item to save the CRRMA money.	No Change	No
34	Drawing # J615 & J616 (example for each site)	TPSS A2, A3, A4 Conduit Layout and Site Electrical Plans show (2) 2" conduits for Telephone/SCADA, going from the TPSS to a handhole outside of the TPSS, and ending at the handhole. TPSS A1 shows the blue light cable going through this ductbank, but no Telephone/SCADA. Please verify these conduits for future use only and that no SCADA head-end system is required. If not, please provide more detail for the Telephone/SCADA system these conduits are for.	Confirmed for future use only.	No
35	ITP Section 1.8, Page 4	What certifications are valid for SBE other than TxDOT and do other certifications (DBE, MBE, Veteran owned business) qualify towards the SBE goal?	Use TxDOT SBE Certification requirements. The project goal is 8% SBE goal.	No
36	Exhibit C, Volume 1, Sheet K127, Sheet K948.	Sheet K127 calls out 51R1 to 112PDX transition rails at station 207+50.79 and 209+77.00. This appears to be an error as 112PDX rail is not referenced anywhere else in the plans or specs. Furthermore, 112TRAM rail is used on the bridges and 51R1 to 112TRAM transition rails are to be used (reference sheet K948 for rail types and locations). Please confirm the 51R1 to 112PDX rail transition note on sheet K127 should be 51R1 to 112TRAM transition rail.	Confirmed - "112PDX" is synonymous with "112TRAM" - correct sheet	Yes
37	General Conditions, Article 6, Section 20.1, PG 55	Can the Owner elaborate on the Minimum Wage requirements on the project. Please include prevailing wage rates that will be required specifically for this project.	See the response to question 4.	No
38	ITP Bid Proposal Documents pg 12 (Form G) Base Bid 4, Plan Sheets 433 to 676	Is it the intent of the Owner to incorporate the construction associated with plan sheets 433-676 included with Vol. 1 of the Civil/ Track plans into this project?	Yes - the plans provided as part of the CBDIV project as shown in the plans and Form G as "Base Bid 4". See Addendum 2.	Yes
39	Plan sheets 944 to 990/ Tech Specs Vol. 1 pg V1-545	Are the quantities for roadway repair/replacement (pavement, sidewalk, ramps, curb, etc.) associated with Water/Wastewater/Storm Drain relocation and installation accounted for in the bid quantities as separate items? Special Specifications Section 5878 Water Mains Section 3 Measurement indicates measurement will be done under item 400 "Excavation and Backfill for Structures, but Section 2. D. States that " Any work done or damage to base and/or pavements outside the limits shown on the plans will not be measured for payment, but shall be restored at the CONTRACTOR's entire expense". Can this please be clarified.	It is intended that full-depth reconstruction limits as shown in the plans substantially include the W/WW work referenced.	Yes
40	01_ITP 2.1	Has the location of the Pre-Proposal Conference been determined?	The preproposal conference was held at the URS offices in El Paso, 2829 Montana Ave, 79903. The four short listed teams were each advised of the location and the time change.	No
41	Contract Exhibit C -Vol 1 Civil Plans	Note 3 indicates owner furnished resetting or non-resetting rail stop device. Please clarify if this is to be installed by contractor, if so please provide detail.	Any stop device will be owner furnished/installed.	No

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42	Contract Exhibit C -Vol 1 Civil Plans	Note 8 references details on dwg series K960 however they do not appear to be provided. Please clarify.	Note 8 revised to: "8. (xx) INDICATES PRE-CURVED RAIL SEGMENTS NUMBER. FOR DETAILS REFER TO SPECIFICATION SECTION 34 11 13-ART t 1.3 AND FIGURE 3 REQUIREMENTS" and sheets will be reissued. Precurved rail drawings are not included.	Yes
43	General	Is this contract subject to Buy America clauses?	No	No
44	Page 15, 4.1.3 Quantities,	"The Proposer shall submit one (1) original and two (2) hard copies of the Price Proposal and one electronic copy of Form G (Contract Price Form) on a CD/DVD or a USB drive. Each copy shall be identified in the upper right-hand corner of its front cover as "Copy __ of 2". The hardcopies must be identical to the original document." On bids of this size, significant price cuts often come in the last 10-20 minutes before the bids are due. If we have to close the bids early in order to make copies and burn a copy of the bid docs to a CD, we and the CRRMA will lose out on the opportunity for potential final price cuts. Would CRRMA consider having only the one (1) original sealed Price Proposal due by the 08/04/15, 4:00 p.m. deadline and the remaining two (2) sealed duplicate hard copies and the one electronic copy due by 8:00 a.m. the next day 8/05/15?	No	No
45	Page 17, Item 4.3.2 Format,	"Printed lines may be single-spaced with the type font size being no smaller than 12-point Times New Roman." Are we allowed to use a different font type than Times New Roman as long it is 12-point and equal in size, e.g., Arial Narrow 12-point?	No	No
46	Page 17, Item 4.3.2 Format,	"Charts, exhibits and other illustrative and graphical information may be submitted on 11-inch by 17-inch paper, but must be folded to 8.5-inch by 11-inch, with the title block showing. The 11-inch by 17-inch pages will count as two pages if used for text." If there is text used to identify information on illustrative/graphical information on an 11-inch by 17-inch page, will we need to count it as two pages, or as long as it is not primarily text/narrative, are we able to count it as only one page? Other than the 40-page limit, is there a limit to the number of 11-inch by 17-inch pages we are allowed to use?	11x17 is 2 pages, no limit to the number of 11 x 17.	No
47	Instruction to Proposers-Form G	"Unit Price Schedule Base Bid 1" bid items: 213, 214, 217, 227, 233, 239, and 240 have an estimated quantity of 0(zero). Please clarify if there should be a quantity for the items.	See revised Form G in Addendum #2.	Yes
48	Instruction to Proposers-Form G	"Unit Price Schedule Add-Alternate (AA)" bid items 5 & 6 have Units of LS with Estimated quantity of 7 & 5". Please clarify the units of measure and/or estimated quantity.	The bid items will be measured in units of "Each" complete system.	Yes
49	Instruction to Proposers-Form G	"Unit Price Schedule Add-Alternate (AA)" bid item 13" 144 MO which equates to 12 years. Please clarify the units of measure and/or estimated quantity.	The intention of the item is to perform plant-maintenance through project acceptance. The item will be revise to reflect "tree maintenance through project acceptance per each tree".	Yes
50	Page 17, Item 4.3.3 Content,	"Proposer is encouraged to used tabbed dividers to separate the contents of the Technical Proposal." "Proposer is encouraged to used tabbed dividers to separate the contents of the Technical Proposal." Are we allowed to include photos on the tabbed dividers?	Yes, but they will not be considered as relevant to RFP response.	No

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51	Page 17, Item 4.3.2 Format,	"Volume 1 of the Technical Proposal shall be limited to 40 pages, excluding the cover letter, covers and divider pages, the table of contents, an evaluation criteria reference sheet, a list of acronyms used sheet, and appendices." Can you please clarify the requirements for the "evaluation criteria reference sheet" (or provide us with an example) that we are to include in our submittal?	Proposers are to provide a checklist (Table of Contents) showing all requested information and page where it is located so that proposal reviewers may find the information being scored.	No
52	ITP Section 4.3.3.1 (d)	Project CPM Schedule and Schedule Control, paragraph 1 states a "... Primavera P8.3 electronic file". Can you please clarify if that should read Primavera P6 R8.3 electronic file?	Contractor shall use the most current version of Primavera P6 for Windows software.	Yes
53	Note 1 on Sheet Nos. 1093-1096	states "Pole located over basement, refer to sheet J211." The plan set does not have a sheet labeled J211. Will sheet J211 be provided?	Reference is "J701" not J211. Sheets will be reissued.	Yes
54	TPSS Conduit Layout/Site Electrical Plans (sheets 1217, 1219, 1220, and 1222)	contain a note stating "Coordinate with EPE and provide conduit from TPSS CT cabinet to EPE service point." Where are the EPE service points for the TPS Stations located?	The EPE service point is the TPMH-A12, -A25, -A34, -A42 as shown in the TPSS site electrical plans.	No
55	Page 15, 4.1.2 General Format,	"The Price Proposal shall be submitted in a separately sealed package or container properly labeled. With the exception of the front cover, the Price Proposal is to be prepared such that the Proposer is not identified within the materials submitted. The cover must be removable, in order that it may be removed for purposes of the evaluation process." Are we permitted to submit our Price Proposal in a three-ring loose-leaf binder (that is included in a separate package from our Technical Proposal)?	This is allowed as long as the cover is removeable.	No
56	ITP Page 4, Section 1.6 Maximum Time allowed,	"Interim Milestone Work for the Project, consisting of a maintenance facility and certain specified Streetcar track required for system and Streetcar vehicle testing, must be achieved within 545 calendar days" Can you please clarify the limits of Streetcar track required for the interim milestone?	Addressed in Addendum #2.	Yes
57	4.3.3.2 9 (c) 8	"Methods of construction related to utility relocation, protection and work-arounds" Can you please clarify if this question is related to the utility relocates performed by the utility owners or the utility relocations performed by the contractor under the bid schedule items?	The statement relates particularly to relocates performed by the utility owners but may also relate to water and waste water utility relocates performed by the contractor when in proximity or concurrent with other utility owners. There may be other examples that can be applied.	No
58	Page 4, Section 1.8 of the Instruction to Proposers paragraph 2	states" The CRRMA, in consultation with TxDOT, has established a minimum SBE Program participation goal of 8%". Please clarify whether DBE firm participation counts towards the 8 % participation goal, or if only SBE certified firms count towards the participation goal?	Follow the requirements as stated on the CRRMA website. Only SBE certified firms count towards the participation goal.	No
59	Exhibit A, General Conditions, Section 20.1:	This section states that the contractor must comply with Minimum wage requirements for State Funded Contracts. Please provide the minimum wage requirements for this project.	See the response to question 4.	No
60	Form G	Please advise where the trackwork for the MSF facility will be paid? If the trackwork is to be paid under bid item #71, then the quantities depicted on the price proposal sheet do not coincide with the quantities required for the project. Please advise.	All embedded trackwork outside of MSF building pay limits is intended to be included in EMBEDDED TRACKWORK TF bid item. Embedded trackwork interior to MSF is included with MSF lump-sum bid item.	Yes

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
61	Drawing KM104 depicts 115RE rail in the building.	We have been unable to locate the specifications for this rail. Please provide the specifications for this type of rail?	New 115RE rail per AREMA -Chapter 4 "Part 1_ Fig 4-1-1. 115RE Rail Section" and "Part 2 _Section 2.1.4.1 Standard AREMA Chemistry Rail". See DWG K947/sheet 129 and structural details S3.4-3.6 sheets 1330-1332	No
62	Drawing S3.4, Detail 2, Note 1: This notes states for the contractor to "Connect Rail to WT per Rail Manufacturer's Recommendations."	After discussions with the manufacturers, they have stated that they do not provide engineering recommendations for this type of work as it is not within their capabilities. Please provide a design for the Rail Attachment at Steel.	See Addendum #2.	Yes
63	Specification 34 11 29.10 Section 2.1.D.2: This section details the requirements for the support ties.	It requires the length of tie to be 84ft to 90ft. Please advise if this is the correct length.	Intended to be inches, not feet.	Yes
64	Specification 34 11 29.10, Section 2.1.E.2.b states that Support tie maximum spacing: 10 feet. Drawing K946 Note 10 states Support ties shall be placed at 5 foot intervals.	Please advise as to the required spacing of the support ties for the block rail.	5' max is required for 112TRAM embedded rail construction. 10' for all else unless otherwise noted. See note 12 DWG K940.	No
65	Specification 34 11 29.20, Section 1.3.G: This section describes the requirements for the Track Demonstration Section.	Please confirm that this demonstration section, if accepted, will be part of the project alignment.	Yes; confirmed.	No
66	Drawing s3.4, Detail 1:	This details provides information for the hardware for installing the rail inside the MSF facility, however there do not appear to be specifications for the U-bolts, nuts, washers, etc. Please provide specifications for the hardware that we are to provide.	See Addendum #2.	Yes
67	NO REFERENCE	Is railboot required for the 115RE rail inside the MSF building?	No.	No
68	Drawing K945: This drawing depicts the Anchor bolt detail for the 112 Tram.	Other than detailing a 3/4" dia x 3.75" min depth, what are the specifications of the type of anchor bolt required?	See Addendum #2.	Yes
69	Drawing S3.4, Detail 1:	This details provides information for the hardware for installing the rail inside the MSF facility, however we have been unable to locate the spacing requirements for this application. Please advise the spacing requirements for this application.	See Addendum #2.	Yes

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
70	General Conditions Art. 6 Section 21.	Warranty Terms state that "The Warranty Term for the Project Shall commence upon Substantial completion and remain in effect until one year after Final Acceptance." Since this project has an interim milestone at 545 days for the MSF and portion of track, will an early "Final Acceptance" be provided for this portion of project?	See Addendum #2.	Yes
71	General Conditions Art. 6 Section 21.	Due to the nature of this project, large portions of work will be complete and opened to the traveling public prior to final acceptance. Will the contractor be held responsible for maintenance and repairs due to damage by others (traveling public) not associated with this project?	Contractor is responsible for maintaining and repairing all damage to its work from all causes until Final Acceptance, except as provided in Article 6, Section 18.	No
72	NO REFERENCE	Please verify that the Train Control portion of this pursuit is limited to embedded switch machines, bar signals, TWC loops, and all cabling, conduit, etc. that is associated with those stated above.	The Train-to-Wayside Control (TWC) elements of this project include powered switches and special streetcar traffic signal control and related work as specified	No
73	Sheet 43	Please advise the scope of work associated with powering the switch machines. Note states "Contractor to coordinate power to switch machine with utility company." Will the utility company bear this cost?	Contractor is responsible for all work to the Switch Control Cabinet as shown in the plans on sheets K101 and K110. Contractor is not responsible for cost of EPE service connect to the Switch Control Cabinet.	No
74	NO REFERENCE	Will there be any SCADA system controlling the switch machines? If not, how will they be controlled? The drawings only indicate power.	No. Powered switch machines are controlled by Train-to-Wayside Control (TWC). See related documents included in RFP.	No
75	Plan Sheet 1295/ Maintenance Facility Track Plan and Profile	The southernmost bay of the Maintenance Facility, as detailed in the architectural drawings, is a drive-through type with 115RE rails. The track drawings do not callout compromise joints for this bay nor the Wash Bay. Please confirm that all four bays of the Maintenance Facility will have 115RE rail and the necessary compromise joints. Also, the Maintenance Facility Pay Limit as drawn on the Track Plan & Profile does not encompass the southernmost bay, is this intended?	The southernmost "drive through" bay utilizes 51R1 rail embedded per the plans.	No
76	Maintenance Facility	Please confirm that the demolition of existing facilities (curb & Gutter, asphalt, misc landscaping) is considered subsidiary to the lump sum bid items for the maintenance facility.	Confirmed yes.	No
77	Exhibit A General Conditions, Article 6 - Legal Relations and Responsibilities, Section 2.5.12, Page 43	States, "The Contractor shall not allow its employees to eat, smoke, or drink within any work area at the site. The Contractor shall designate areas for such activities in the support zone around the office trailers." Please remove this language as our craft will be required to drink water throughout the course of the day to minimize the threat of heat exhaustion.	See the response to Question 32	Yes
78	Exhibit A General Conditions, Article 6 - Legal Relations and Responsibilities, Section 2.5.12, Page 43	States, "The Contractor shall not allow its employees to eat, smoke, or drink within any work area at the site. The Contractor shall designate areas for such activities in the support zone around the office trailers." Please remove this language as time will be lost if the craft must de-mob from the site to eat their meals. They often eat in the trucks so they can cool off.	See the response to Question 32	Yes
79	ITS Section 1.6 Maximum Time Allowed	"Substantial completion of the interim milestone Work for the project . . . must be achieved within 545 calendar days from the issuance of NTP". Due to the historical delays in the streetcar procurement, please change interim milestone from 545 days to 700 days. This will allow single mobilizations for the systems contractors ultimately reducing project costs for the CRRMA.	See Addendum 2	Yes

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
80	Exhibit C, Volume 3, Sheet J701	<p>Note 1 states, "Details shown here are schematic for estimating purposes only and do not necessarily represent final design requirements. Final design requirements for sidewalk, basement roof reconstruction, and OCS foundation will be based on data obtained by field survey." After the contractor completes the field survey, please verify that CRRMA (the designer of record) will provide the final OCS foundation design at no additional cost to the contractor.</p>	<p>Three anticipated basement foundation locations will be paid by force account. Additional clarification added to sheet J701 including the following notes:</p> <p>3. Field survey, and final design work will be provided by the CRRMA at no cost to the contractor. Other construction elements that may be required to address the final finish in the basement may be included in the final design. The Contractor shall include adequate time in the work schedule to provide for notice to the CRRMA, field survey and design of each basement in coordination with the CRRMA. The CRRMA will work in a diligent manner to provide the final design and supplemental plan sheets to the Contractor.</p> <p>4. The Contractor shall perform the work described in the supplemental plan sheets as Force Account Work for each basement locations identified in the plans.</p> <p>5. Any new basement locations encountered to be in conflict with the project plans will be addressed by Change Order to redesign the project plans in a diligent manner.</p>	Yes
81	Exhibit C, Volume 3, Sheet J700	<p>Note 3 states, "The lengths shown are for estimating purposes only. Final overall length to be based on field survey." After the contractor completes the field survey, please verify that CRRMA (the designer of record) will provide the final OCS foundation design at no additional cost to the contractor.</p>	<p>Actual elevations and lengths added to the plans. Column XX+XX = XX LF. Column XX+XX = XX LF. Column XX+XX = XX LF.</p>	Yes
82	Exhibit C, Volume 3, Sheet J610, J611, J615, J616, J620, J621, J625, J626	<p>Note 4 states, "Coordinate with EPE and provide conduit from TPSS CT cabinet to EPE service point." Please identify where the service point is so we can accurately estimate the conduit length required, or specify a footage we are to use.</p>	<p>See response to Question # 54</p>	No

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
83	Exhibit C, Volume 3, Sheet J612, J611, J617, J622, J627	Note 3 states, "Coordinate with EPE for feeder cable." Please identify what size cable we are to use so we can accurately estimate the cable required.	EPE will supply and install feeder cable to meter located on the TPSS building.	No
84	Specification EP-Trackwork 34 11 23.33, and Drawings K101 & K110	<p>Upon review of referenced documents, controlled switches are shown at each of the powered switch machine locations. There is not enough information shown to adequately price the work needed to provide for the control function of the switches. No conduit sizing is provide for routing conduit to traffic signal controller, or to power source. Additionally, it is our experience that the one 2-inch conduit shown on the drawings is inadequate for both power and control cabling needs. Drawings call for pole mounted controllers, where as most manufactures recommend pad mounted controllers.</p> <p>Please provide missing information.</p> <p>Please confirm that all work required for switch control is considered incedental to the switch bid item.</p>	<p>As shown in plans, install 2-2" conduits for power and control. "Install 2-2" conduit between switch control cabinet and electric switch mechanism" and "2" conduit to traffic signal controller" from switch control cabinet.</p> <p>All work required for switch control is incidental to Embedded Special Trackwork 34 11 23.33</p>	No
85	Specification EP-TWC, and Technical Specification 34 71 29.10, and Traffic Signal drawings	<p>Upon review of referenced documents, there is not enough information shown to adequately price the Train to wayside communication system work. Drawings showing Traffic Signal devices are co-mingled with TWC devices. For example some drawings call out conduit to connect TWC loops, and others do not. We are not able to determine which conduits / cables are paid for under Traffic Signal Unit Pricing, and which items are incidental to other items of work. Additionally, Paragraph 1.61 notes that work specified in this section is incidental to work descried in other sections.</p> <p>Please provide missing information.</p> <p>Please confrim which bid items are applicable to the TWC work.</p>	<p>TWC conduit is included with traffic signal conduit on the Signal Plan sheets for each intersection using TWC for switch and/or signal control.</p> <p>Addendum 3 will add appropriate bid items per intersection for clarity.</p>	Yes
86	Specification EP-TWC, and Technical Specification 34 71 29.10	<p>As an alternate to the specified Train to wayside communication system, a modern way to communicate between train and wayside is the use of WLAN. Additional information can be provided in advance of bid, or can be included in our proposal.</p> <p>Please advise if it would be acceptable to base our proposal on using a TWC system based on WLAN technology?</p>	Bid per current plans and specifications	No

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
87	Drawings A1.1, A2,4 (Sheets 1132, 1145)	<p>Level 1 Floor Plan legend indicates that a "Stone Veneer on 8" Steel Reinforced CMU Wall" runs along the north-eastern corner of the MSF, Wall Section Drawing detail 3.A2.4 shows a stud framing wall with stone veneer applied to plywood.</p> <p>Which is correct?</p>	<p>Section 3.A2.4 shall be stone veneer on 8 inch C.M.U. similar to Section 3.A2.5.</p>	No
88	Drawing A1.1, A1.6, A5.1, D6.1	<p>The cabinets in Operations Room 101 in A1.6 are called out as having Solid Surface tops; drawing A5.1 provides details showing that the cabinets are installed with plastic laminate.</p> <p>Which is correct?</p>	<p>Plastic Laminate per details, will include in Addendum-1</p>	Yes
89	Drawings K101 and K110	<p>The requirements for Power Services for the Power Switch Machines are not clear. Drawing K101, and K110 state "Contractor to coordinate power to switch machine with utility company".</p> <p>Please provide demark point; list of who provides conduit, cable,etc.; details on metering; and responsibility for engineering/service/connection/usage fees.</p>	<p>See response to Question # 73</p>	No
90	NO REFERENCE	<p>Various specification and drawing references call for the contractor to "coordinate" with El Paso Electric Company for the various power services. No information can be found regarding who is responsible for 1) Utility service application fee; 2) Utility service installation fee; 3) Power consumption during construction; 4) Power consumption during testing (or limits of how and when power bill is transferred to owner).</p> <p>Please clarify if contractor is responsible for anyof the above items.</p> <p>Please include responsibility for installing conduits and wiring from poles to metering points, and meter pedestals, transformers, transformer pads.</p>	<p>The contractor will not be responsible for the cost of the listed items 1-2. Contractor will be responsible for 3 and 4 (power consumption durign testing and construction). A clarification will be issued with Addendum 3.</p> <p>See response to question #54.</p>	Yes

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
91	Exhibit C - Sheet S0.1	<p>Note G1 refers to a Geotechnical Report for General Requirements of Earthwork, Overexcavation, Subgrade Preparation, Fill and Compaction. Note G2 says the foundation design is based upon recommendations contained in the Geotechnical Investigation prepared by URS titled "Geotechnical Engineering Report" dated 17 January 2013. The report contained in the reference documents was prepared by Professional Service Industries, not URS, and it does not have any recommendations. The included report only contains borings and laboratory test results.</p> <p>Note G3 references a recommendation in the geotechnical report stating that the existing fill shall be excavated 5 feet below the deepest footing. This overexcavation requirement can not be found in the report that was provided nor can it be found in Div 31 of Exhibit B, Volume 2 Specifications.</p> <p>1) Please provide the referenced "Geotechnical Engineering Report" prepared by URS dated 17 January 2013 that contains the referenced recommendations.</p> <p>2) Please confirm that 5' overexcavation backfilled with structural fill will be required for the MSF Building.</p>	<p>Technical Memos addressing these issues will be provided.</p>	<p>Yes</p>
92	Exhibit C - Sheet K940	<p>1) Note 6 on K940 calls out for joint grooves placed transverseley across track slab every support tie with a minimum depth of 3/8". Do these joints need to be sealed?</p> <p>2) There is no detail nor spacing included for track slab expansion joints. Are track slab expansion joints required? If so, please provide a detail and spacing.</p> <p>3) Detail 2 and 3 on K940 shows a joint adjacent to existing concrete paving and proposed concrete paving. Does this joint need to be sealed? Does this joint require expansion board material?</p>	<p>1) No 2) No expansion joints are required. 3) No, no.</p>	<p>No</p>
93	Exhibit C - Sheet C052, Exhibit C - Sheet G019	<p>Exhibit C, Sheet C052, Concrete Pavement Note 2 specifies to space transverse contraction joints at intervals not exceeding 30 times the concrete thickness up to a maximum of 15 feet.</p> <p>Exhibit A, Bid Items 206 through 208 and Exhibit C - Sheet G019 describe the concrete pavement in the roadways as "Cont Reinf - CRCP." Texas DOT Standard CRCP(1)-13 does not have transverse contraction joints for Continuously Reinforced Concrete Pavement "CRCP." There are only longitudinal construction joints, longitudinal contraction joints and transverse construction joints.</p> <p>1) Please confirm that the concrete pavement in the roadways that are associated with Bid Items 206 through 208 are Continuously Reinforced Concrete Pavement "CRCP."</p> <p>2) Please confirm that transverse contraction joints are not required for these Continuously Reinforced Concrete Pavement Items.</p>	<p>Concrete paving notes on DWG C052 govern. Bid item will be revised.</p>	<p>Yes</p>

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
94	Exhibit C - Sheet K955 Exhibit B - 34 11 2910, Part 2, H-2 Exhibit C - Sheet KM104 Exhibit C - Sheets K100 through K165	Exhibit C, Sheet K955 shows a track drain detail. Exhibit B, 34 11 29.10, Part 2, H-2 states that the track drain shall be as shown in the Contract Drawings. A track drain is shown inside the MSF Building on Sheet KM104. Track drains are not shown on the track plan and profiles, including sags and low points. 1) If track drains are required for the MSF yard, please provide locations/details, and method of measurement and payment including associated piping. 2) If track drains are required for the Downtown Loop and/or Stanton Loop, please provide locations/details and method of measurement and payment including associated piping.	There are no mainline or MSF yard track drains. The drainage connections and bid item for the track drain in the MSF wash bay is subsidiary to the MSF lump sum item and as shown on P1.0 Sheet 1386 and other drawings.	No
95	Exhibit C - Sheet G019 Exhibit C - Sheet C050 Exhibit C - Sheet C012	The quantity summary table on Sheet G019 lists 4594 SY of Removing Conc (Pav) for Sheet C102. The Roadway Typical Sections on Sheet C050 shows 3.25" HMAC from 24+05 to 34+99, which correlates to the work on Sheet C102. It appears that the Removing Conc (Pav) quantity for Sheet C102 should be zero. Please review and modify the quantity summary and bid quantity if applicable.	Demolition and pavement quantities will be clarified for addendum.	Yes
96	Form G Price Proposal	Preliminary take-offs indicate a 36% quantity over-run for item 201 if it includes the removal of stabilized base. Please confirm that Item 201 "Remove Stab Base and Asph Pav" includes removal of stabilized base underneath Concrete Pavement.	Confirmed that "Item 201 Remove Stab Base and Asph Pav" is for removal of base underneath concrete pavement.	No
97	Exhibit C - Sheet G019 Exhibit C - Sheet C103	Preliminary take-offs have identified some minor ambiguities with regards to the Removing Conc (Driveways) quantity and Driveways (Conc) quantity which are showing an 11% under-run. For example: 1) The quantity summary table on Sheet G019 lists 46 SY of Removing Conc (Driveways) and 46 SY of Driveways (Conc) for Sheet C013. Remove/Replace Driveways can not be found on Sheet C103. 2) The quantity summary table on Sheet G019 lists 90 SY of Removing Conc (Driveways) and 90 SY of Driveways (Conc) for Sheet C015. Remove/Replace Driveways can not be found on Sheet C105. 3) The quantity summary table on Sheet G019 lists 109 SY of Removing Conc (Driveways) and 109 SY of Driveways (Conc) for Sheet C108. Remove/Replace Driveways can not be found on Sheet C108. Please review and modify the applicable plan sheets, or update Sheet G019 and the associated bid items.	Demolition and pavement quantities will be clarified for addendum.	Yes

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
98	Specifications Section 01400 - Quality Requirements General Conditions, Article 4, Section 11	With regard to the referenced sections, please clarify the following: 1. Please confirm that CRRMA is providing and paying for Quality Assurance staff and services. 2. Please confirm that the Contractor is providing and paying for Quality Control inspection staff and testing labs?	Each specification that requires contractor QC is indicated in the RFP. Some items in the infrastructure Construction Contract are contractor QC responsibility, and others are CRRMA. When not specifically indicated in the specification, QC is by the CRRMA. The MSF is CRRMA responsibility for QC.	No
99	General Conditions, Article 6, Section 4	In order to accurately price the costs for permits, please identify the permits that CRRMA will provide for this project.	The CRRMA will provide a copy of each TxDOT Utility Installation Requests, and Multiple Use Agreements required for the project. The CRRMA has initiated the building permit process for the Maintenance and Storage Facility Building, with the City of El Paso, where the Infrastructure Contractor will be able to "pull" the construction permit upon NTP for the project. The project has been registered with TDLR and will be inspected at the end of the project, prior to final acceptance.	Yes
100	MSF Plan Sheets 1281 and 1283, 3+00 MATCHLINE	The matchline at 3+00 appears to be short by around 20' (+ or - 2'). This matchline connects MH-2 and MH-3 with the Line "F" storm sewer run. Please verify the length of the Line "F" storm sewer (or verify if it's 147.84')	The matchline has been adjusted in the attached drawing C7. The length is shown correctly at 147.84'.	Yes
101	Form G Price Proposal Exhibit C - Sheet G016	Form G Price Proposal has Bid Item No. 57 "JACK BOR OR TUN PIPE (30 IN)(RC)(CL IV)." Sheet G016 shows 160 LF on the Quantity Summaries, but the sheet and location is not specified in the table. We can not find this work on the drainage plans, utility plans and systems plans. Please advise the location for this work.	This work is for boring the TPSS feeder under Mesa Street at Crosby Street. Sheet 1219 dwg. J615.	No
102	RFP Notice	Please clarify the following coordination items with regards to overlap within the COEP planned "Central Business District Phase IV" (CBD4) project. 1) Are storm, sewer and water relocations along Father Rahm and Kansas Street in the CBD4 limits included in CBD4 contract or the COEP Streetcar contract? 2) If they are included in the COEP Streetcar contract, will the work precede the CBD4 work? 3) Are platforms and stops along Father Rahm and Kansas Street in the CBD4 limits included in the CBD4 contract or the COEP Streetcar contract? If they are included in the COEP Streetcar contract, will the work precede the CBD4 work?	CBDIV and Streetcar work is included in this contract as indicated in the completed bidding documents provided in Addendum 2.	Yes

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
103	01 81 13	<p>Spec Section 01 81 13 specifies submittals to achieve certain LEED credits, that add up to a total of 28 points. However, 1.2A indicates the intention is to achieve "silver" status, implying a need for 33 points minimum.</p> <p>Is the contractor to participate in achieving any other LEED credits?</p> <p>Is the contractor required to have a LEED AP or other certified individual for the project?</p>	<p>Project will pursue LEED Silver certification, contractor shall comply with project requirements as Specified.</p>	No
104	COEP POTABLE WATER plans / notes Example; Sheet 968, Addendum 1	<p>We request clarification on the use of keyed notes, and dark versus light lineweights on the COEP water plans. For example, the plans callout a keyed note 15 (note 3 in the addendum 1 set) for "existing water meter" boxes, although the box is shown in a heavy lineweight; several of these are marked as note 3 with no other notes on the page (see Sht 968). On this same sheet, another line shown in a heavy lineweight depicts a water valve, but no meter, and no keyed note.</p> <p>1) Is it intended that we replace meter boxes at keyed note 3 locations?</p> <p>2) Is it intended that all heavy lineweights are depicting new work?</p>	<p>1) No. Only provide lateral from water main to meter. 2) The heavy lineweight shows the new water service not the water meter.</p>	No
105	COEP WASTEWATER plans 951, 952	Please provide the material type for the 36" APPR Sewer (Sht 951, 952)	Please refer to Page 17 of 74, Item 2.1, F Pipe Schedule; of the "Standard Specifications for the Installation of Water Mains, Sanitary Sewer Mains, and Related Appurtenances."	No
106	COEP WATER plans pages 964, 976, 978, 979	Please provide the material type for 20" APPR Water.	All 20" water line pipe shall be Ductile Iron Pipe meeting the specification on Page 4 of 74, Item 1.2, Ductile Iron Pipe; of the "Standard Specifications for the Installation of Water Mains, Sanitary Sewer Mains, and Related Appurtenances."	No
107	NO REFERENCE	Please provide a sewer system map copy from El Paso Water Utilities for the purpose of planning sewer bypasses.	Contractor can retrieve this map if needed to complete the bid.	No
108	NO REFERENCE	The requirements for Power Services to the Traction Power Substations A1, A2, A3, A4 are not clear. Drawings J604, J610, J615, and J620 show conduit path terminating in a new manhole, with note "Coordinate with EPE and provide conduit from the TPSS CT cabinet to the EPE Service Point". Specification 34 21 05, paragraph 2.3A Utility Metering indicates that the contractor will provide 1) Meter Base; 2) Conduit to Meter Base; 3) CT Cabinet; 4) Service Disconnect. It is assumed that CRRMA is "In-process" or has already obtained "Approved" engineering drawings for these power services from the utility agency. In addition, Drawing J640 note 1 states that "CTS and Meter by EPE".	See reponse to question #54	No

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
109	Specification 34 21 31 paragraph 2.4.A	<p>Specification 34 21 31 paragraph 2.4.A notes that the Substation Automation System (SAS) network is connected to the TPSS intelligent electronic devices (IEDs) via Ethernet over fiber. TPSS Drawings call for conduit for "Telephone / SCADA". No other information can be found regarding SCADA system or how it is networked.</p> <p>Please confirm that others are responsible for fiber or phone interconnection to the traction power substations.</p> <p>Additionally, if individual TPSS are to be networked, please confirm that others are responsible for furnishing central control equipment, software, and interface with the individual TPSS locations.</p>	SAS/SCADA and telephone systems/connections are for future use only.	No
110	Reference C052, Exhibit B – Vol 1	<p>The base, subgrade, and asphaltic pavement construction notes on C052 says that construction of the roadway should proceed in accordance with TxDOT 2004 Standard Specifications. However, excavation, flexible base and hot-mix asphalt are listed as 2014 TxDOT standard specifications in Contract Exhibit B – Vol1.</p> <p>Please confirm that 2014 TXDOT Specifications will be used for the pavement construction.</p>	Yes; 2014 TxDOT specifications shall be used for pavement construction. Will issue revised sheet.	Yes
111	Drawing S1.4 (Sheet 1319)	Please provide details for member call outs JV1, JV2, JV3 and JV4.	JV1-JV4 shall be pre-manufactured joists based on the loading provided on S4.5. All loading shown applies to the joists JV1, JV2, JV3, and JV4 unless specifically noted. Joists shall follow the roof line as indicated in the joist diagram. Joist seats and connections shall be per manufacturer recommendations.	No
112	Drawing A1.3 (Sheet 1346)	The spec section related to trench drains 33 46 00 does not exist. Please provide trench drain specs.	Refer to Plumbing Drawings P1.0 and P0.1	No
113	Instructions to Proposers, Page 22, 4.3.3.1 (g) there is a request for "history of lost time accidents for the last 3 years."	How should this information be presented? Will 3 years of OSHA 300 logs be sufficient?	Yes, OSHA 300 Logs are sufficient.	No
114	Form A, Page 7 of 7,	Please confirm that the Incumbency Certificate in Form A is only required for bidders classified as an LLC.	Confirmed	No
115	NO REFERENCE	Is the CRRMA able to provide a copy of Forms A through F in Word format?	Yes they will be made available on the CRRMA website, www.crrma.org	No
116	Instructions to Proposers, Page 8 & 9, Section 3.2 Ex-Parte Communications,	Is Proposer allowed by the CRRMA to interface directly with each utility owner to obtain information that would better service Proposer's analysis of potential utility conflict and relocation cost estimates?	Yes	No
117	NO REFERENCE	Can Proposer obtain, in Microstation or AutoCAD format, copies of the files that were prepared for the CRRMA or City of El Paso by CEA Group, Moreno Cardenas Inc., Brock & Bustillos and URS?	Yes - a link will be provided with these answers.	No

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
118	Addendum 1, Plan sheets 951 & 952 call out 36" Approved Pipe.	Can you please clarify what type of pipe should be used for this sewer run?	Please refer to Page 17 of 74, Item 2.1, F Pipe Schedule; of the "Standard Specifications for the Installation of Water Mains, Sanitary Sewer Mains, and Related Appurtenances."	No
119	Addendum 1, Water Plan sheets key note 46 new fire line extension,	Can you please clarify what type and size for each locations?	As per Base Bid 3, Bid Items 8; 6" or 8" Water Service Replacement and Reconnection. Contractor shall coordinate with EPWU and business owners to field located new fire lines.	No
120	Addendum 1, Water Plan sheets key note 2 New water Services,	Can you please clarify what type and size for each locations?	As per Base Bid 3, Bid Items 6 and 7; Water Service may range from ¾" to 2" Replacement and Reconnection. Contractor shall field locate new fire lines.	No
121	Addendum 1, Water Plans show plan view only,	Can you please provide profile views for all drop sections to determine depths of drop sections?	Field conditions will determine the drop of each line section. The separation between utilities will follow EPWU Standards.	No
122	Addendum 1, UNIT PRICE SCHEDULE: BASE BID 2 – Wastewater Replacement & Relocation, item 15, 4" and 6" Sewer Service Re-Connection –	The plans do not show the locations of the HCS or their respective sizes. Can you please provide size and location for the Sewer Service Connections?	Refer to Note 2 on plan sheets: Contractor to Verify Depths and Location of Wastewater services by videotaping mains prior to installation of new wastewater main improvements.	No
123	Addendum 1, Plan sheet 962 –	At station 5+95 there is a lateral shown from the new mainline to the west with no call out, Can you please provide clarification of what this line is?	The lateral shown should be considered as a Bid Items 6 and 7; Water Service may range from ¾" to 2" Replacement and Reconnection.	No
124	NO REFERENCE	Are utilities relocated in TxDOT R/W being reimbursed by TxDOT or are they being reimbursed to the utility owners in the same manner as those that are not in TxDOT R/W?	No utility companies will be reimbursed by TxDOT. Utility reimbursement status is not affected by whether or not the utility is located in TxDOT right of way.	No
125	NO REFERENCE	Will the construction contractor be required to reimburse utility owners who relocate/install their own utilities?	No	No
126	NO REFERENCE	The contract drawings (K101 & K110) illustrate the switch control cabinets are connecting to the utility. Is this power metered? If so, please provide details of the utility requirements for this connection, i.e. metering and location of utility company connection point.	See response to Question # 73	No
127	Please clarify the Substation Automation System (SAS) - Scope of Work - Specification References: Section 34 21 31,	Please clarify the Substation Automation System (SAS) - Scope of Work - Specification References: Section 34 21 31,	None included - for future use	No
128	Please clarify the Substation Automation System (SAS) - Scope of Work - Specification References: Section 34 21 31,	What are the requirements for the SCADA workstation(s)?	None included - for future use	No
129	Please clarify the Substation Automation System (SAS) - Scope of Work - Specification References: Section 34 21 31,	Where are the workstation(s) located?	None included - for future use	No

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
130	Please clarify the Substation Automation System (SAS) - Scope of Work - Specification References: Section 34 21 31,	What are the requirements for the SCADA network?	None included - for future use	No
131	Please clarify the Substation Automation System (SAS) - Scope of Work - Specification References: Section 34 21 31,	Is a single time server to be centrally located with the SCADA workstation?	None included - for future use	No
132	Please clarify the Substation Automation System (SAS) - Scope of Work - Specification References: Section 34 21 31,	Provide requirements for the communications network?	None included - for future use	No
133	Specification 34 11 23.33 Embedded Special Trackwork:	This section details the special trackwork required for this project. The rail is required to be 51R1 section. We would recommend that the agency consider constructing the turnouts with 115RE rail and have the turnouts fully restrained. The flangeway's could then be filled with a controlled low strength material (CLSM). This method has been done on previous streetcar projects such as the Tucson Streetcar and has been successful. The benefits to this project would be a. Reducing the lead time to receive the special trackwork. b. Minimizing risk of delivery and construction since we will not be waiting for material to arrive from overseas and the risk associated with potential delays at ports. c. Availability of going to see and inspecting the special trackwork assembled prior to it arriving on the job site. d. Possibility of cost savings to the project which may permit for more alternates to be awarded. Keeping the special trackwork utilizing the 51R1 section may impact the completion of the interim milestone and testing of the vehicles. Please advise if this is an approved alternate.	No	No
134	Specification 34 11 13 Girder Rail and Block Rail:	This section details the rail required for this project. The rail section that is specified for the majority of the project is 51R1 section. This specific section of girder rail has the longest lead time of any other rail. Currently it is approximately 12 months but commitments are not being given due to the limited rolling of this section. There is one mill in the world that will roll this section, therefore we are at the mercy of that mill and their work load as to when they decide to change over to roll this special section. We would like to request that the Authority permit the use of the 112Tram Block rail for the entire project. This has been done on a few other streetcar projects across the United States. The potential benefits to this project would be:a. Reducing the lead time to receive the rail. b. The block rail is manufactured in the U.S., therefore minimizing the rick associated with shipping this overseas and the risks associated with potential delays at ports. c. Potential cost savings to the project which may permit for more alternates to be awarded. Keeping the current rail section at 51R1, for the entire project, may impact the completion of the interim milestone and testing of the vehicles. Please advise if utilizing the block rail for the entire project is an approved alternate.	Proposers should bid per plans and specs.	No
135		If the Authority will not entertain utilizing block rail for the entire project, would it be permissible to utilize different section of girder rail that is more readily available? Please advise.	Proposers should bid per plans and specs.	No

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
136	Drawing K945, Anchor Bolt, Note 2:	This notes advises the contractor to take measures to avoid existing rebar when drilling into deck; What preventative measures is the contractor required to perform? Does the owner have a rebar layout of the existing structure?	Bridge as-builts provided in GDM 3.0 Bridges in Addendum 2. The contractor is required to avoid existing rebar in the bridge deck using practical industry-accepted means	Yes
137	NO REFERENCE	Is there a SBE representative designated to this project? If so, can you please provide their contact information?	No SBE Representative has been assigned.	No
138	ITP, page 9, Section 3.4	Request for Clarification, The CRRMA will have no obligation to answer requests unless they arrive at the address of CRRMA RFP contact no later than 4:00 p.m. El Paso Time on the Clarification Submittal deadline set forth in Section 2.0, July 9, 2015, 4:00 p.m., Will the CRRMA consider extending the period for questions to July 23, 2015 at 4:00 p.m. El Paso Time, in light of the receipt of Addendum 2 as indicated by the CRRMA to be provided July 14, 2015?	Addendum 2 will provide for a question period for only those elements that are included in Addendum 2. The deadline for questions will be July 20, 2015, at 4:00 p.m. El Paso time.	Yes
139	01_ITP, 2.0 - Procurement Schedule	Would the CRRMA please consider extending the due date for proposer questions regarding the RFP from 4:00 PM July 9 to to 4:00 PM July 17, 2015 to allow more time to review the plans and reference documents?	The question period expired on July 9.	No
140	01_ITP, 2.1	Has the location of the Pre-Proposal Conference been determined?	See Question 40	No
141	Contract Exhibit C -Vol 1 Civil Plans	Note 3 indicates owner furnished resetting or non-resetting rail stop device. Please clarify if this is to be installed by contractor, if so please provide detail.	See Question 41	No
142	Contract Exhibit C -Vol 1 Civil Plans	Note 8 references details on dwg series K960 however they do not appear to be provided. Please clarify.	See Question 42	Yes
143	General	Is this contract subject to Buy America clauses?	See Question 43	No
144	Contract Exhibit A, Article 4, Section 7 - Cooperating With Utilities	With regard to schedule and compensation, please clarify how the CRRMA will handle unknown/unclamed utilities that are discovered during construction.	Change in condition is dealt with through the Change Order Process.	No
145	01_ITP, 4.3.3.1 (d)	Please confirm if the version of Primavera to be used is P8.3, or P6 Version 8.3.	See Question 52	Yes
146	01_ITP, 1.8	Is there a DBE or WBE requirement for the project, if so what percentage for each?	See Question 28	Yes
147	01_ITP, 4.1.3	On page 15, under section 4.1.3 Quantities, the document states that there is no electronic copy required for Volume 2 (which should contain the forms and other information). On page 17, it is stated that "all required forms shall be submitted in digital format (pdf) in addition to the printed submittal" - Please clarify how the CRRMA is wanting the digital copy of all forms to be submitted.	No digital copies of volume 2 forms are required.	Yes
148	Addendum 1, Form G - AA	Plaint maintenance is indicated as a 144 months estimated quantity. Item code 192 does not clarify maintenance details beyond final acceptance or 90 days after planting. Please clarify that this quantity is correct and if so clarify contractor duties to fullfill plant maintenance scope for this bid item.	See Question 49	Yes
149	Addendum 1, Form G - AA	Item no. 1 Transit Shelter is requested to be bid however no detail can be found in documents to provide accurate pricing. Please provide details.	For Addendum 2, the EP-STOPS specification was revised to include a model number to coincide with the manufacturer and shelter model name directing to the standard and detail drawings from Brasco Int'l.	Yes
150	01_ITP, 4.1.3	Section 1.6 Maximum time allowed indicates interim milestone work to be completed within 545 calendar days from NTP. Please clarify limits and items of scope to be completed.	The scope for the Interim Milestone work is provided in the definition of Interim Milestone Work in Article 1, Section 3.55.	Yes
151	Contract Exhibit B -Vol 1, 34 11 29.10 2.1 F. 3.	Section indicates acceptable rubber boot and cuff supplied by Iron Horse Engineering Company. For purpose of competitive pricing evaluation, will an "or approved equal" be acceptable?	Yes	No

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
152	Contract Exhibit B -Vol 1, 34 11 29.10 F. 1.	Potential suppliers have indicated the indicated Santoprene 591-73 W 175 is now called 121-73 W 175. Please clarify if intent was to require 121-73 W 175?	Any material selected must satisfy the requirements Section 2.1F.1.a1-6 and be approved by the engineer.	No
153	Contract Exhibit C - Vol 1 & 2	Sheet 689 IH10 bridge plan indicates 2.8" overlay on bridge deck and north approach slab. Sheet 153 shows partial mill and overlay along with full depth reconstruct at the north approach slab. Please clarify which is to be constructed.	North approach slabs are intended to remain in place with K945 block rail overlay section. South approach slabs are intended to be replaced and K946 block rail track slab. Full-depth paving shown on north approach slabs is incorrect. Will clarify sheets.	Yes
154	Contract Exhibit C - Vol 1 & 2	Sheet 153 notes full depth reconstruct at south approach slab location. Sheet 689 indicates a reconstruct of approach slab. Please confirm approach slab is to be reconstructed and Sheet 1000 to utilized for the approach slab reconstruct.	North approach slabs are intended to remain in place with K945 block rail overlay section. South approach slabs are intended to be replaced and K946 block rail track slab. Full-depth paving shown on north approach slabs is incorrect. Will clarify sheets.	Yes
155	Contract Exhibit C - Vol 1 & Contract Exhibit B - Vol 1, 34 11 23.31 2.4 2.	Current specification 34 11 23.31 2.4 2 and details sheet 126 indicate materials to be used in turnouts and spare parts as 51R1 girder rail. After discussions with multiple suppliers, feedback has been given that material availability and delivery time could impact interim milestone dates. Would alternative material options be accepted?	See Question 24	No
156	Contract Exhibit C - Vol 1	Details 2-4 show drill and dowel, dowel or form slab only adjacent to new or existing concrete and flexible pavement infill. In areas where track slab is poured directly to face of curb & gutter detail cannot be located. Please clarify if dowels, expansion joint and sealant or other detail for requirements in these locations.	"Detail 2" adjacent to existing concrete paving is applicable adjacent to existing concrete curb & gutter. Will clarify sheet.	Yes
157	Contract Exhibit C - Vol 1	Sheet 126 note 8 references track slab reinforcement detail on sheet K940 however detail for rebar at turnouts cannot be located, please clarify if rebar is to be placed within turnout limits and if so provide details.	See note 11 sheet K940. Per track plans no reinforcement is to be placed within turnout limits.	No
158	ITS - Form G Price Proposal pages 12 & 13	Could the Owner Please clarify if the Add Alternate pricing will be utilized in the evaluation of the Price portion of the proposal submittal.	Yes, as explained in the ITP.	No
159	Tech Specs. Vol 1, PgV1-539	The 20" PVC C905 for the waterline, what DR rating or pressure rating will be required for this pipe? Specifications Section 1.0, F, only states that PVC C905 14" thru 16" be DR21. Is this the same for the 20" PVC for potable water?	All 20" water line pipe shall be Ductile Iron Pipe meeting the specification on Page 4 of 74, Item 1.2, Ductile Iron Pipe; of the "Standard Specifications for the Installation of Water Mains, Sanitary Sewer Mains, and Related Appurtenances."	No
160	ITP Bid Form G, pg 12, Base Bid 3 Item 7	Potable water item #7 on base bid #3 indicates 45ea 1" & 2" water services, plans do not indicate which services are which size. Should we cover all to be 2"?	The Unit Price should cover all costs from 1" to 2".	No
161	ITP Bid Form G, pg 11, Base Bid 2 Item 15	The 4" sewer pipe is being called out on the base bid #1 as SDR13, however the main sewer lines are SDR35. There is no mention of SDR13 on the specs per addendum #1. Can SDR35 be used as service pipe for the 51lf	SDR 35 will be acceptable for this section.	No

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
162	ITP Bid Form G, pg 11, Base Bid 2 Item 15	1. Wastewater Replacement item #16 on base bid #2 calls out 34ea sewer services in 4" or 6" however plans do not indicate which size of service pertains to each property. Should we cover all sewer services 6"?	The Unit Price should cover all costs from 4" to 6".	No
163	Tech Specs. 01 40 00, 1.2.C.2.	This paragraph references Division 01 Section "Allowances" for testing and inspecting, we do not find the noted allowance in the MSF specification Volume 2 of 2. Is there a required allowance amount for the owner's testing agency per Spec Sec 01 45 00, please verify?	Refer to Addendum No.1 Section 01 45 00 Testing Laboratory Services.	Yes
164	General Conditions Article 5 item 4, Sampling, Testing, and Inspection	Can the Owner clarify the responsibilities of the contractor in regards to QA/QC testing as related to MSF and Infrastructure.	Each specification that requires contractor QC is indicated in the RFP. Some items in the infrastructure Construction Contract are contractor QC responsibility, and others are CRRMA. When not specifically indicated in the specification, QC is by the CRRMA. The MSF is CRRMA responsibility for QC.	No
165	Exhibit A General Conditions, Article 12 Hazardous Materials Page 36	States, "The CRRMA is responsible for testing, removing, and disposing of hazardous materials not introduced by the Contractor unless otherwise shown in the plans." Please confirm that the CRRMA will also be considered the "generator" of such hazardous materials/hazardous waste and sign any necessary generator manifests.	The CRRMA may not be the generator of the waste but neither will the Contractor.	No
166	Exhibit A General Conditions, Article 2 Execution of Contract, Section 1.3 Insurance, Table 2, Page 11	Table 2 of the prime contract states Builders Risk is required for building-facilities contracts only. Please confirm that either Builders Risk is not required at all for this project, or the portion of the Builders Risk policy would only apply to the contract amount to build the maintenance facility.	Builder's Risk policy is required for the Maintenance Facility Only	No
167	Exhibit A General Conditions, Article 3, Section 6, Page 17	What is a "compensable event" as used in 3.6.2? Can you please further define what is considered a compensable event?	Any event that is not part of Contractor's SOW and for which Contractor has not assumed the risk under the contract documents.	No
168	Exhibit A General Conditions, Article 3, Section 6, Page 17	GC-3.6.2 provides that project overhead may be reimbursed at 6% based upon a daily cost calculation but also says that time extensions and suspensions alone will not be justification for reimbursement for project overhead. Please explain any required basis for a recovery of project overhead.	Recovery of any Project overhead will be determined on a case by case basis. Not all time extensions will necessarily entitle Contractor to an increase in the contract price including overhead cost.	No

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
169	Exhibit A General Conditions, Article 3, Section 7, Page 18	What is the time period permitted for Informal Resolution Procedures as described in GC-3.7.2.2?	The time periods for the steps in the Informal Resolution Procedures are included in Article 3, Section 7.2.	No
170	Exhibit A General Conditions, Article 4, Section 1, Page 21	Please confirm that CRRMA's authority under GC-4.1 is subject to the disputes procedure.	Confirmed	No
171	Exhibit A General Conditions, Article 12 Hazardous Materials Page 36	Please confirm that Contractor will be entitled to time and monetary relief upon the discovery of unknown utilities or other sub-surface structures or those that are not located within reasonable proximity to the location depicted in any document provided to Contractor.	Confirmed	No
172	Exhibit A General Conditions, Article 12 Hazardous Materials Page 36	Please confirm that Contractor will be entitled to time and monetary relief upon the discovery of unknown pre-existing hazardous or contaminated materials.	Confirmed	No
173	Exhibit A General Conditions, Article 4, Section 17.1, Page 31	The ITP provides for a 90 day period between substantial and final completion while GC-4.17.1 provides for 60 days. Please confirm which is correct.	ITP is correct. Addendum No. 2 changes GC 4.17.1 to 90 days.	Yes
174	Exhibit A General Conditions, Article 6, Section 4, Page 45	What permits will be provided by CRRMA?	The CRRMA will provide a copy of each TxDOT Utility Installation Requests, and Multiple Use Agreements required for the project. The CRRMA has initiated the building permit process for the Maintenance and Storage Facility Building, with the City of El Paso, where the Infrastructure Contractor will be able to "pull" the construction permit upon NTP for the project. The project has been registered with TDLR and will be inspected at the end of the project, prior to final acceptance.	Yes
175	Exhibit A General Conditions, Article 6, Section 21, Page 55	Please strike the warranty that the project will be fit for its intended function in GC-6.21.1 as this is not appropriate for a construction-only contract.	No Change	No
176	Exhibit A General Conditions, General Comment	Please include a mutual waiver of consequential damages.	No Change	No
177	Exhibit A General Conditions, Article 6, Section 21.7, Page 56	Please specify that damages recoverable under GC-6.21.7 do not include actual delay damages as those are limited by the established liquidated damage amount.	No Change	No

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
178	Exhibit A General Conditions, Article 7, Section 3, Page 58	Please confirm that Contractor will be entitled to an extension of time due to delays arising from unusually severe weather.	No. Time extensions are not available for weather conditions.	No
179	Exhibit A General Conditions, Article 8, Section 4, Page 72	Please confirm that GC-8.4 is subject to the more specific risk of loss provisions at GC-6.18.	Confirmed.	No
180	Traffic Signals - General	When do the intersection traffic signals become the contractors maintenance. Is it when we affect each intersection , or is it when the construction barricades go up?	When contractor affects each intersection.	No
181	Traffic Signals - General	Will the traffic signals be accepted by the owner as each phase is complete?	Yes, traffic signals will be accepted by the owner as each phase is complete.	No
182	ITP Bid 'Form G'	Which line item does the maintenance of traffic signal go on?	Subsidiary to traffic control plan. Specification will be modified in Addendum 3.	Yes
183	Traffic Signals - General	Will the City of El Paso program the traffic signal controllers as they relate to the street car progression?	Yes, COEP will program traffic signal controller.	No
184	Traffic Signals - General	Will the City of El Paso be responsible for the existing traffic signal equipment which will not be touched by the contractor for the duration of the project?	Contractor will be responsible for all traffic signal equipment at the intersection while work is being done even though some of the equipment may not be touched.	No
185	Traffic Signals Plan Sheets 710-829	Will the intersections that are retrofitted be required to meet ADA standards? There are no bid items to retrofit these intersections to meet ADA Standards	Most intersections to be modified are pre-timed and don't have push buttons. Intersections that have push buttons along the streetcar route are ADA compliant.	No
186	Traffic Signals Plan Sheets 710-829	At various locations where single mast arm poles are to be removed and replaced with a dual mast arm pole, no drill shaft foundation is listed in the estimated quantities, is the intent to use the existing drill shaft foundation? Are these existing drill shaft foundations structurally sound and if so what bolt pattern is existing. (Example: Oregon & Robinson)	Existing drill shaft foundations will be used where called for in plans. Drill shaft foundations have been field verified with COEP and bolt pattern is for 36A foundation 19 bolt pattern. There are pay items for foundations included in the summary of quantities.	No
187	Traffic Signals Plan Sheets 710-745	Bores along Oregon are almost impossible because of the lack of right of way required to set up the bore machine and bore pit opposite the bore machine. Existing utilities cannot be located because they exist under existing concrete paving. Will the concrete paving be removed in order to allow for the locating of utilities and to set up bore pits?	The intention of the traffic signal conduit bores under Oregon was to replace existing shallow traffic signal conduit damaged or impacted by the track slab construction. This will be revised to protect existing traffic signal conduit including partially trenching, repairing, and/or lowering traffic signal conduit if impacted by the track slab construction.	Yes
188	Traffic Signals Plan Sheets 710-829	When multiple bores are called out for in the same location will a steel casing and pressure grout be required?	No.	No

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
189	Traffic Signals Plan Sheets 710-829, also Bid "Form G"	Is the restoration of concrete sidewalks be considered subsidiary to bid items for electrical and traffic related item installation?	Yes.	No
190	Traffic Signals - General	Are all the existing City traffic signal controllers set up for pre-emption to accept the proposed trolley car pre-emption? If so who will have priority between Trolley Cars/Emergency units/Sun Metro? Who is responsible for setting this up in the existing traffic signal controller?	No, only four intersections are identified on the layout sheets to have train to wayside detection. The streetcar phase will not have the priority pre-emption that is used for emergency units and Sun Metro. Phasing of the traffic signal will allow streetcar movement upon detection.	No
191	Traffic Signals	When traffic signals are being re-wired and mast arms being added to any intersection, will police officers be required to direct traffic through the intersection? If so which item should this cost be added to?	No, signal should not be operational while mast arms are being re-wired. A stop condition traffic control should be implemented.	No
192	Illumination - General	Will the contractor be required to keep the street lighting in service throughout the contract duration?	The contractor will not be required to keep the street lighting in service throughout the contract duration. Existing lighting must stay illuminated until such time that the area is actively involved in construction behind contractor barricades when the lighting may be allowed to be turned off. The contractor will reactivate the lights upon completion of each section of construction, identified in the plans as phases.	No
193	Illumination - General	Will the owner pay for energy consumption for the new lighting as it is installed in each phase?	The owner will pay for lighting energy after final acceptance of each affected section of roadway, and prior to a section of lights becoming included in an active phase of construction. When there is a separate electric meter for a particular lighting circuit involved in active construction, the contractor will pay for the power consumption during the time period of active construction.	No
194	General Conditions Article 6 Item 19	Bare electrical grounding conductors are called out for in the prints. El Paso Electric does not allow for bare conductors in the illumination systems. Will these grounding conductors be changed to insulated conductors?	Yes, they will be changed to insulated conductors (GREEN insulation), #8 AWG minimum size. See Addendum 3.	Yes
195	Illumination - General	Will the paving on Santa Fe St. be completely removed to allow for the installation of the conduit via trench method as called out for in the prints or will conduits crossing Santa Fe have to be bored?	Yes - full-depth full-width reconstruction of Santa Fe is an add-alternative bid item. In the event that this bid item is not selected traditional trenching or boring is a reduction of the incremental cost difference between the partial full-depth reconstruction and the add-alternative full-width reconstruction.	Yes

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
196	ITP Form G	Conduits are shown throughout the parkway areas along Santa Fe St. as being trenched, how will the demo and restoration of the existing concrete and landscape areas be paid for?	Conduit runs shown are schematic only. Contractor shall determine conduit route to minimize cost and take advantage of full-depth pavement, track slab, sidewalk and other construction.	No
197	Plan Sheets 696-709 Illumination	At the locations where an existing illumination pole is asked to be removed and a ground box be placed over the existing foundation, will it be allowed to splice on to the existing circuit in that ground box or will new conductors be required to be installed to the nearest existing illumination pole? Current City policies/rules do not allow for splices in ground boxes.	A new conductor will be required between the nearest existing poles or other existing equipment termination.	No
198	Plan Sheet 708 Illumination	Sheet 708 refers to a "Streetcar Stop Light Pole", will these lights only be required to come on at night or will they have to be illuminated during the day to stop the streetcars? Keep in mind that by utilizing the existing illumination circuit you will only have power during the night time hours since this circuit is controlled by a photo cell.	No; same lighting as typical streetlights on photocell circuit.	No
199	Plan Sheet J601	J601 lists a symbol for Insulated Joints. The Traction Electrification plan set does not contain a layout nor table describing the locations of the insulated joints. Please provide at minimum a diagram of the alignment with locations called out or table listing all the required locations.	There are no insulated joints except at the MSF shop entrances as noted on K948.	No

Questions for Addendum 2 Only

200	Addendum 2 Exhibit C - Vol 1 pg 466-468	Sheets 466 through 468 do not delineate between the proposed asphalt paving, AC milling, AC reconstruct, and the 9" Concrete Paving for Kansas Street between STA. 00+00 and 10+50 and for Father Rahm Ave between STA. 0+41.62 and 16+76. This makes it not possible to check the quantities provided. Please provide plans that show what areas are to receive new concrete paving and new asphalt paving and milled and overlaid.	Response pending	TBD
201	Addendum 2 Instructions to Proposers Form G 8 of 16	Addendum 2 reduced the amount of Bid Item 203, 8.5" CRCP, to 10,308.5 SY. The previous quantity appeared to be more accurate. Please review and advise if this current quantity is correct.	Response pending	TBD
202	Addendum 2, Exhibit A General Conditions Page 5	With regard to the Interim Milestone Work, please clarify the schedule for the two overpass rehabilitations on Santa Fe and Kansas over the Trainway noted to be completed by others, and how the completion of those projects impacts the Interim Milestone Work.	Response pending	TBD
203	Addendum 2 Form G, Unit Price Schedule	The price proposal form provided in Addendum 2 does not have Bid Items 21, 84, 115, 147, and 212; these items are at the bottom of pages, potentially out of printable area. Please confirm these items do not exist.	Response pending	TBD

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
204	Addendum 2 Exhibit A	<p>Addendum 2 revised the definition of milestone work from (MSF and certain specified trackwork on Santa Fe) to (MSF and readiness for integrated testing for all areas trackwork, OCS, TPS, platforms, signals, corrosion control per EP-000-SYS.), and revised the deadline to 709 calendar days from NTP. Based on this definition, all work necessary to begin systems integration testing, such as trackwork, OCS, TPS, platforms, signals and corrosion control, must be complete within the 709 days. Also, it would seem that only minor work such as landscaping, training/demonstration, and perhaps finishes such as painting/fencing could be performed after 709 calendar days.</p> <p>The previous Interim Milestone definition was based on the MSF readiness, plus a test track section that was loosely defined (we were hoping that Addendum #2 would define the test track section). All other work, including systems integration readiness, was to be complete by substantial completion. The major difference is that now the majority of the work is now required to be done in 709 days instead of 910 days, effectively compressing the work by 6 months.</p> <p>We request that CRRMA either</p> <ol style="list-style-type: none"> 1) Please confirm it is the intent that all trackwork, OCS, Traction Power, station stop, and traffic signal with TWC interface work is to be completed within 709 Calendar days. <p>or</p> <ol style="list-style-type: none"> 2) Return the milestones to what they were before Addendum #2. Provide a definition of the test track needed for the delivery and systems integration of the vehicle to the MSF. Also define when exactly the balance of the project would need to be ready for systems integration as defined by EP-000 SYS. 	Response pending	TBD

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
205	Addendum 2, Added Reference Document - 09_Geotechnical Design Memoranda_Combined	<p>Addendum 2 provided a new reference document that includes findings and recommendations from the geotechnical engineer that were not previously known. In particular, on Page 5 of 9 of the OCS Foundation Report #2.0 it concludes, <i>"if rock is encountered in shaft excavations, the embedment may be reduced so that the shafts extend a minimum of 6 feet into sound rock. However, the minimum overall shaft length shall not be less than 10 feet"</i>, and on (page 7 of 9) Construction Recommendation #4, <i>"Early refusal was encountered in borings B-3, B-5, and B-24 through B-30 ("Uptown Loop"). The refusal material will likely require use of a rock core barrel to advance drilled shaft excavations. The contractor should be made aware of this difficult excavation condition. It is noted that the refusal material may be interbedded with weathered soil layers that will further complicate drilled shaft excavation techniques."</i></p> <p>No place in the technical specifications does the Engineer identify what to do if rock is encountered. The only mention in 34 32 71, paragraph 3.2C notes that "Blasting shall not be permitted for use on OCS Pole foundations"</p> <p>Based on locations of borings and depth of refusal at 2.5 to 5.5 foot down, we estimate 25 each foundations along Stanton (Cliff to Blacker), and 75 each along Oregon (Baltimore to University), will require rock excavation methods. Given the specified 6-foot embedment in rock and average 4-foot of cover, this means that approximately 600 lineal feet is anticipated.</p> <p>We recommend that new Bid Items be established to allow for varying soil conditions. In particular Item for Drilled Shaft Rock Excavation by the lineal foot, and Item for Trench Rock Excavation by the Cubic Foot, and Miscellaneous Road/Track Rock Excavation by the Cubic Foot. Another possibility would be to develop alternate spread footing design(s) that could be utilized when conditions allow.</p>	Response pending	TBD
206	Addendum 2, Added Reference Document - 09_Geotechnical Design Memoranda_Combined	<p>New document includes findings and recommendations from the geotechnical engineer, that were not previously known. In particular on Page 7 of 9 of the OCS Foundation Report #2.0 it concludes, <i>"3. Contract documents should provide for the use of temporary casing for proper installation of drilled shafts should detrimental groundwater or caving soil conditions are encountered. Caving soil conditions, consisting of loose fill and or cohesionless sands and gravels, were encountered in the "Downtown Loop" borings which may require temporary casing to maintain an open excavation for proper reinforcing steel and concrete placement. A unit price for the use of casing should be identified for temporary casing on the bid tabulation form in the contract documents ."</i></p> <p>Upon review of technical specification 34 32 71 we note that paragraph 3.2.E Requires use of "Steel casing shells where required by the Engineer"; and paragraph 3.2.K requires removal of steel casings. We estimate that nearly all the 225 each downtown loop foundations may require steel casing shells. Typical construction methods when using a temporary casing would require a construction joint just below the foundation anchor bolts, so that the casing can be removed. Following a period between 1-7 days the anchor bolts can be set and the top half of the foundation constructed.</p> <p>Based on the above, we recommend the approval of a construction joint, and that new bid items be established for use of steel casing shells where directed by the engineer for OCS Foundations, Traffic Signal Foundations, and Street Light Foundations, measured by the each.</p>	Response pending	TBD

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
207	Addendum 2, Volume 1, sheets 487-490	The Storm Sewer Plan & Profiles provided to not have rim elevations or invert elevations and the profiles are blank. Please provide elevations so depths can be determined which is needed to accurately price the work.	Response pending	TBD
208	Addendum 2 Form G, Unit Price Schedule	The bid quantities were changed for items 194, 198-200, 202 and 203. However, the quantity summary sheets on G019 reflect Addendum 1 quantities and new drawings for this work have not been issued. For example, the quantity for 8.5" CRRCP changed from 20,693.6 SY to 10,308.5 SY. The quantity summary on Sheet G019 shows 20,694 SY for this work. Please confirm that the bid quantities for these items are correct, and if so, will new plan sheets with clouded changes be issued to reflect these quantity changes?	Response pending	TBD
209	Addendum 2, Exhibit C Vol 1 - Sheets 139 and 141	Sheet 139 has a new note that was added in Addendum 2 that says "See Street Reconstruction Sheets (C100-C133) for limits of base bid and additive alternative reconstruction." Sheet 141 has a note that says "Some segments of pavement mill and overlay are considered additive alternates. See street reconstruction sheets (C100-C133) for limits...." These sheets were not included in the addendum and previous versions do not show the referenced limits. Please provide the referenced limits.	Response pending	TBD
210	Exhibit C - Volume 1/2, Storm Drain	In order to accurately estimate the drainage work on Father Rahm, please provide profile sheets for all drainage lines.	Response pending	TBD
211	General, Utilities	In the pre-proposal meeting there was discussion of an updated schedule for 3rd party utility relocations. Would you please provide the schedule?	Question not related to Addendum 2 (AA).	TBD
212	Addendum #2, Exhibit C, volume 4, Sheet 9 of 24, Drawing E1.5, Com	Drawing note 5 states, "All equipment associated with the CCTV system, including cameras, shall be...by owner". This drawing also references a Card Access Plan. Please confirm that the owner will be providing the access control wiring and hardware, and that the contractor is only to provide the conduit.	Response pending	TBD
213	01 40 00, 1.2.C.2., MSF	This paragraph references Division 01 Section "Allowances" for testing and inspecting, we do not find the noted allowance in the MSF specification Volume 2 of 2. Is there a required amount for the owner's testing agency per Spec Sec 01 45 00, please verify?	Response pending	TBD
214	Add #2, MSF	Addendum #2 Indexes do not list specification section "07 42 43 - COMPOSITE WALL PANELS". Which design professional has the responsibility for this scope of work, please specify?	Response pending	TBD
215	Add #2 & Q&A #76, MSF	The response to question #76 reads to be in conflict with, <u>Contract Exhibit B - Vol 2 EPSC Specs MSF, part Special Specification EP-MSF, paragraphs 1 through 7</u> , which state all work 5' outside the building footprint, except items indicated (Bus Canopies, WI fence & gates, fees, permits...). We do not find that Addendum #2 changes these sections. Which is to govern a response not incorporated by Addendum or original bidding documents, please define the proper order of preference?	Response pending	TBD
216	Addendum #2, Instructions to Proposers, Form G, Trackwork	Will the Form G be revised to reflect Bid Items 69 (MF Storage Turnout 3 Units – Furnish and Install (Add-Alt)) and 72 (Embedded Track Construction (Add-Alt)) being moved to the Unit Price Schedule for Add-Alternate Items?	Response pending	TBD

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
217	Addendum 2 Form G, Unit Price Schedule	<p>Addendum 2 eliminated Item No. 74 - Excavation (Roadway). Since this item was eliminated, please clarify the method of measurement and payment for the following:</p> <p>1) Excavation for the new track slab.</p> <p>2) Excavation outside the track slab and beneath the existing HMAC, PCCP and base to construct the proposed pavement sections.</p> <p>3) Excavation underneath the new curb and gutter, sidewalks and flatwork.</p>	Response pending	TBD
218	Addendum 2 Form G, Unit Price Schedule	<p>The quantities for Bid Items 156 and 157 show there area 17,625 EA pavement marking arrows for this project. This does not match the quantity tables or the drawings.</p> <p>Please confirm these bid item quantities.</p>	Response pending	TBD
219	Addendum 2, Exhibit C Sheets 944 through 990	<p>The existing utility plans show several water and sanitary sewer lines to be adjusted or relocated that are not addressed in the Addendum 2 proposed utility plans. For example, sheet 899 identifies DT-11 as "Relocate 8" Water Line & Related Appurtenances (260 LF). Refer to Water Improvement Sheets." Addendum 2, sheet 982 does not show this relocation as new 8" PVC.</p> <p>Preliminary review of Addendum 2 indicate 106 relocations/adjustments shown on the existing utility plans that are not addressed in the Addendum 2 proposed utility plans. We are assuming that relocations/adjustments not addressed on the proposed utility plans are not included in the scope of this contract.</p> <p>Please confirm.</p>	Response pending	TBD
220	Addendum #2, Drawings J090 thru J093	<p>OCS Foundation Schedule drawings were changed in addendum #2, however, the quantity of BI 41 Drilled Shaft foundations for OCS has not changed.</p> <p>Please advise.</p>	Response pending	TBD
221	Addendum #2, Drawings J093A, J165A, J135C	<p>Several system drawings were changed in addendum #2 to show a reduced scope of work at the MSF. Specifically the storage tracks and associated OCS foundations, poles, hardware, and wire are shown in gray, instead of black. Added Addendum #2 drawings appear to show the same work added back and are labeled (Alternate) next to the drawing title.</p> <p>Please advise if we are to include Alternate pricing for the OCS, and TPSS items which are currently lump sum items.</p> <p>Please confirm the intent of the grey lines shown on the base bid drawings.</p>	Response pending	TBD
222	Addendum 2 Soils Report.	<p>A previous question requested a soils report referenced in the MSF plans. Addendum 2 provided this document, but it was provided as a reference document.</p> <p>Please confirm that the recommendations in this report (e.g. 12' over-ex and replace beneath pits, and 7' over-ex and replace in the remainder of the MSF building) are contract requirements.</p>	Response pending	TBD

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
223	On page 28, paragraph 3 of the RFP	there is some unclear language regarding the financial documents that are to be submitted with our proposal. Please confirm if the following is acceptable: 2014 audited financial statements supplemented by internally prepared Q2 2015 financials (balance sheet, income statement, and cash flow) that will be signed by our CFO?	Confirmed	No
224	Pursuant to CRRMA Business Opportunity Program and Policy Dated 5/20/2009, specifically Section VI, paragraph B:	This section states that "CRRMA will recognize as certified SBEs certifications for small, minority-owned, women-owned, historically underutilized, and disadvantaged business enterprise." Pursuant to this section, we feel that the response to Question #58 is misleading and can be construed as utilizing SBE Certified firms only. Please clarify as to whether firms holding SBE, DBE, WBE, MBE or Historically Underutilized certifications, with the TxDOT; the Texas Unified Certification Program for Federal DBE Certification; the Building and Procurement Commission's Historically Underutilized Business ("HUB") Program, will be counted towards the goal of the SBE program for this project?	Confirmed. Such firms do count towards SBE goal.	No
225	Addendum 2, ITP 1.6 Maximum Time Allowed,	This section was revised the completion date of the interim milestone to 709 calendar days. Can CRRMA please provide the delivery date of the first car? If this date is prior to the 709 calendar days for the interim milestone, can CRRMA please provide the requirements for delivery and storage location?	Response pending	TBD
226	RFP, Section 1.6, Page 4:	This document was revised with Addendum #2. It states "...all work necessary to begin systems integration testing as defined in Technical Specifications Volume 1-EP 000-SYS and Completion of the Maintenance and Storage Facility...". The referenced specification, Volume 1-EP 000-SYS, delineates the Integrated testing that may be included, see pages V1-3 & V1-4. The documents still do not delineate the limits of track, OCS, Systems and any other Civil work that is required to meet the Interim Milestone. Please provide the detailed limits of work that is required to meet the Interim Milestone Define what Integrated Testing is required to be performed per specification Volume 1-EP 000-SYS for the interim milestone as a separate requirement from EP 000-SYS for substantial completion?	Response pending	TBD
227	Addendum 2 "Instructions to Proposers form G Price proposal"	The form appears to have several missing bid items where page breaks are, several item descriptions and quantities seem to be duplicates. Can you please confirm that the Price proposal bid items and quantities are correct?	Response pending	TBD
228	Addendum 2 plan sheets 487 thru 491	have the profile, invert, and rim depths omitted. Can you please provide the depths for the pipe and manholes, inlets?	Response pending	TBD
229	Addendum 2 plan sheets 772C and 772F	are missing quantities in the Conduit and Cable Schedule table and the bid item quantity summary. Can you please provide the quantities?	Response pending	TBD

Q #	RELEVANT SECTION	BIDDERS' QUESTION	RESPONSE	ADDENDUM REQUIRED?
Questions that were inadvertently omitted in the first round				
230	Form G Price Proposal	<p>Please define the horizontal and vertical limits of measurement and payment for Item 74 - Excavation (Roadway).</p> <p>1) It appears the quantity includes removal of existing HMAC and base in the track slab. Is removal of HMAC and base paid under Item 74 - Excavation (Roadway), Item 201 - Remove Stab Base and Asph Pav (6"-20"), or both?</p> <p>2) It appears the quantity does not include excavation outside the track slab. Excavation will be required outside the track slab and beneath the existing HMAC and base to construct the proposed pavement sections. Is the quantity for that excavation paid under Item 74 - Excavation (Roadway)?</p> <p>3) Excavation will be required underneath the new curb and gutter. Is the quantity for that excavation paid under Item 74 - Excavation (Roadway)?</p> <p>4) Excavation will be required behind the curb for the new flatwork. Is the quantity for that excavation paid under Item 74 - Excavation (Roadway)?</p>	To be addressed in Addendum 3	Yes
231	Drawing J642	<p>Drawing calls for connection of TPSS gutter downspouts "to drain system" at each end of the TPSS building. We have checked the utility drawings and find no drainage design or bid items associated with this work.</p> <p>Please provide drain connection details, identify drainage systems to connect to and specify method of measurement and payment items for these drainage items.</p>	The TPSS spec (34 21 16 Section 2.6.D.2.b, pg 269) states that downspouts should "Angle at the bottom and extend far enough from building to divert water minimum 12 inches beyond foundation slab," - downspout connection to drainage system will be removed from plans.	Yes
232	Drawing G018, T300 to T365.	<p>Drawings T300 to T365 have note 26 - ELIM EXT MRK & MRKS (4"). We can not find this quantity on the quantity summaries and we can not find a bid item for this work.</p> <p>What bid item is this work paid under?</p>	This items does not exist/the note will be removed from the sheets.	Yes