

**CITY OF TORRANCE, CALIFORNIA**

**ADDENDUM NO. 2**

**Issued: November 7, 2017**

**TO**

**PROPOSAL, BOND AND AFFIDAVIT FOR CONSTRUCTION  
OF THE  
TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764  
B2017-39**

Note the following clarifications; Substitution/Or Equal requests; Changes and/or Additions to the Bidder's Submittal, Plans and/or Specifications (Volume 1 and 2) for the project indicated above. The bidder shall execute the Certification at the end of this addendum, and shall **attach all pages of this addendum to the Contract Documents submitted with the Bid**. In addition, the bidder shall complete and submit the "Acknowledgment of Addenda Received" Form provided in Section C, page C-8 of the Specifications.

**I. RESPONSES TO BIDDERS' REQUESTS FOR INFORMATION (RFIs)**

**RFI 6a:**

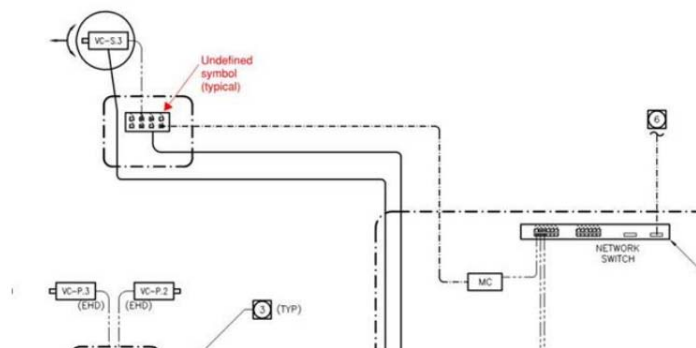
- 1) Is the fiber between network switches to be included in the security scope?

**A6a:** Refer to Addendum 2, Item III.F for revised Plan Sheets A1-11, A4-15 and E-101. sheets providing clarifications and adjustments related to low voltage distribution. Specified 12-strand fiber optic cable is specified in Section 280513 Article 2.2 Paragraph C. Note that 2-strand fiber cable connecting to the parking lot cameras is part of the security contractor's requirements and specified in Section 280513.

**RFI 6b:**

- 2) Reference part of Drawing Sheet EY600 (see next page).

There is an undefined symbol on the single line drawing. Is this a hardened network switch? Is it to be provided by the City IT (like the other network hardware)?



**A6b:** The referenced device in the drawing attached to the Bidder's RFI (partial, marked up portion of plan shown above) is a hardened outdoor rated switch. It is specified in Section 282300, Article 2.2, Paragraph B.

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### RFI 7:

- 1) Please clarify if the Owner will be providing the Builders Risk and Earthquake insurance coverage for the Project.

**A7:** The Owner will not provide Builders Risk and Earthquake insurance coverage. There is no such requirement for this project.

### RFI 8:

- 1) We are a prospective bidder for the electrical systems on the Torrance Transit Park and Ride project. We have reviewed the bid documents and do not find any reference to a Project Labor Agreement for this project. Experience has taught us they are not always brought forth at the bid process. Could you please confirm there is or is not a PLA attached to this project.

**A8:** There is no Project Labor Agreement (PLA) for this project.

### RFI 9a:

1 – Section E – Special Provisions, page E-64 includes Bid Item 127. This is not included in the Bid Schedule in Section C. Please clarify if required.

**A9a:** Refer to Addendum 2, Item III.A for revised Bidder's Submittal Packet and Item III.C for pay item description.

### RFI 9b:

2 – Due to the extensive breakdown required at bid time, we respectfully request an Excel spreadsheet of the Bid Schedule in Section C be provided for all bidders use.

**A9b:** An Excel spreadsheet of the Bid Schedule, including items revised per this Addendum 2, is available to download at the City's project website:

<https://www.torranceca.gov/our-city/public-works/park-and-ride-regional-terminal>

The Excel spreadsheet may not be used as the Bid form submitted to the City. Only the official Bidder's Submittal issued by the City is permitted.

### RFI 9c:

3 – Addendum #1 included Specification 11 5200 – Audio Visual Systems. This spec includes Bid pricing and a Bid Alternate price breakout that is not included in the Bid Schedule found in Section C. Please confirm these additional bids are not required.

**A 9c:** Refer to Addendum 2, Item III.A for revised Bidder's Submittal Packet, Item III.C for pay item descriptions and Item III.E for revised Specification Section 115200.

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### RFI 10a:

**a.1:** Detail 4 & 5/A8-91 shows guardrail detail at the roof. The roof plans do not show any guardrail. Is this guardrail required at any of the roofs? If so, where are these located?

**A 10a:** Detail 14/A8-90 shows the roof hatch-mounted guard rail (Bilco or equal) as noted on A2-41. Details 4 & 5/A8-91 may be omitted.

### RFI 10b:

**b.2:** Detail 4 & 12/A8-82 shows structural steel angles attached to the bottom of the beams for the plank ceiling. These angles are not shown on the structural design drawings nor any details for these angles. What size are the angles? Are these continuous the length of the canopy? Provide additional structural details as necessary?

**A 10b:** Refer to Addendum 2, Item III.E for supporting structural calculations specifying sizes for connections and clarifying spanning members and Item III.F for revisions to Plan Sheets A2-43, A3-02, A3-25.

### RFI 10c:

**c.3:** Detail 16/A8-82 shows a heavy bolted connection to 14GA framing. No detail provided in the structural design drawings. What size is the connection angle and how often does this connection occur?

**A 10c:** Refer to Addendum 2, Item III.E for supporting accompanying structural calculations and Item III.F for revisions to Plan Sheets A8-82 and A8-84b.

### RFI 11:

**1)** What type of Sunshade (Light Shelf) to be used for this Project?

**A11:** Refer to Addendum 2, Item III.E for new specification section 10 7113, which specifies the product.

### RFI 12a:

**a.4-** Specification 09 3000 – Tiling includes a tile schedule that does not match the Interior Schedule ID0.10. Please confirm the schedule on ID0.10 is correct.

**A 12a:** Refer to Addendum 2, Item III.F for revised Plan Sheet ID0.10, which is associated with specification section 09 3000. See Item III.E for Revised specification section 09 6616 clarifying terrazzo tile finish.

### RFI 12b:

**b.5-** Provide Specifications for Acoustical Panels AP-01 thru AP-04 shown on the Interiors Schedule ID0.10 and misc. interior elevations.

**A 12b:** Refer to Addendum 2, Item III.E for new specification section 09 7723.

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### RFI 12c:

~~C-6~~ – Confirm if the cast-in-place concrete benches are to be per 1/A1-11 (18" x 30" x 8'-0" long) or per L1.11 & 7/L1.50 (18" x 24" x 10'-0" long).

**A 12c:** Dimensions shown on landscape sheets are correct. Refer to Addendum 2, Item III.F for revised Plan Sheet A1-11.

### RFI 12d:

~~d-7~~ – Interiors drawing ID1.13 and 2/ID1.15 indicate wall covering WC-01 at the Conference Room 202. Architectural Interior elevation 15/A7-40 indicates wall finish W-01 (gyp architectural panels) at the same location. Please clarify which wall covering is desired. Ref.: ID0.10

**A 12d:** WC-01 is correct as shown on ID010. Refer to Addendum 2, Item III.F for revised Plan Sheet A7-40.

### RFI 12e:

~~e-8~~ – Will the Owner provide all relevant electronic files (Revit, etc.) to the awarded Contractor for BIM coordination (ref: Spec 01 7839/3.3)?

**A 12e:** Yes. A waiver will need to be signed by the awarded contractor. Refer to Addendum #2, Item III.E for new specification Appendix that includes the waiver.

### RFI 13:

Ref. Sheet M-301, Details #9,10,11, & 17

On Sheet M-301, the controls are shown as what appears to be stand alone controls but The Instrumentation and Control Devices section in the Spec's refer to Automated Logic with a BAS System.

Which one is required? If BAS we will need a Sequence of Operations, required points, etc. Please clarify.

**A 13:** There is no Energy Management System (EMS) proposed for the project. Both buildings will have an Emergency Mode shutdown method with Emergency Power Off (EPO) switch per note 11 on Sheet E-201 and Note 24 on Sheet E-111. In normal mode, the Fan coils will control to a standalone thermostat.

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### RFI 14a:

**a9** – Please confirm the correct reference for Keynote 05.11 on A3-02 for the canopy column covers is 17/A1-13 and not 8/A8-30.

**A 14a:** Confirmed. Refer to Addendum 2, Item III.F for revised Plan Sheet A3-02.

### RFI 14b:

**b10** – Please clarify if the glass guardrail shown on A7-31 is to have a stainless steel cap per Specification 05 5000/2.2F, or if it should match the elevation shown on 17/A9-02.

**A 14b:** The glass guardrail shown on A7-31 will have a stainless steel cap per the Specifications.

### RFI 14c:

**c11** – Please clarify if the exterior block is to be burnished per Keynote 04.02 on misc exterior elevation drawings (A3-03, A3-04, etc.) or split faced or glazed per Concrete Unit Masonry Specifications 04 2200. In addition, please clarify where the glazed block is required, if so.

**A 14c:** No glazed block. All Glacier White block is to be single score burnished (exposed sides) block. Accent block Summer is not required to be burnished. Refer to Exterior Elevation sheets A3-01 through A3-04.

### RFI 14d:

**d12** – Please confirm the Bus Bay Canopy is to be included in the bid proposal as misc. notes on S2-09 and A1-01 indicate a separate permit, final design required and no specifications are provided for this prefab canopy by Coverworx.

**A 14d:** The prefab canopy is a design-build item provided by the contractor and must meet the design criteria established in the Contract Documents. As a prefabricated solution, the manufacturer, once contracted, will need to provide the final engineering for City regulatory review.

### RFI 14e:

**e13** – Please confirm Mechanical Room Traffic Coating Specification 07 1800 is not required. ID drawings indicate the mechanical and elevator machine rooms to have sealed concrete floors, not traffic coating.

**A 14e:** The 07 1800 traffic coating specification refers to all CS-01 locations. Refer to Addendum 2, Item III.F for revised Plan Sheet ID0.10.

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**RFI 15a:**

**a.14** – Please confirm the Glazing Legends on A8-01 & A8-02 are to be used in lieu of the GL-1, 2 & 3 included in Glass & Glazing Specification 08 8100.

**A 15a:** Confirmed. Glass assembly is to follow the logic and description from the specification while adhering to the requirements and specific tint colors identified in A8-01 and A8-02.

**RFI 15b:**

**b.15** – Window Schedule A8-01 indicated GL-6 one-way mirror at Window #108. Interiors sheet ID1.11 indicates VW-01, a vinyl graphic film cover at this location. Please clarify if both finishes are required at Window #108.

**A 15b:** Yes. The vinyl film is a laser cut graphic and mirror work together to create a design effect. The final graphic design is being curated under separate RFP (By Others / NIC).

**RFI 15c:**

**c.16** – See painting subcontractor's questions:

1. Please refer to plan sheet A2-43 this canopy indicates high-performance coatings. Please reference specification 09 9600 and confirm which system is to be utilized for the canopy. If 2.4 Fluoropolymer coating system is to be utilized can you please clarify the primer. 1. Shop Primer Tnemec 90-97 Tnemec Zinc 2. Spot Primer: Tnemec Series 94-H20 3. Intermediate Coating: 90-97 Tnemec-Zinc. Please note the

94H20 is for spot priming done in the field which is correct but this spec indicates intermediate coat of 90-97 Tnemec-Zinc is applied again after spot - priming which isn't accurate. Please clarify.

**A 15c:** The canopy's exposed structure addressed in Section 05 1213, titled "Architecturally-Exposed Structural Steel," and application of its Fluoropolymer coating system is described in Section 09 9600, Article 2.4., as noted. Section 05 1213 indicates that the primer 90-97 is applied in the shop. After steel erection, a spot primer is to be applied to damaged areas, then another coat of 90-97 is applied (the intermediate coat), followed by the finish coat.

**RFI 15d:**

**d.2.** Please confirm if the canopy structural members are going to be provided shop-primer with 90-97 Tnemec Zinc.

**A 15d:** Shop applied primer 90-97 is applied in the shop and after installation.



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### RFI 15e:

**e.2.** Please clarify the finish of the underside of the exposed metal deck at this canopy and if field painted with high-performance coatings which system is to be utilized as well. If the metal deck is being galvanized and requires a high-performance coating system in the field it changes the overall surface preparation.

**A 15e:** Metal decking is galvanized and is painted as specified in Section 09 9600, 2.5 "COATING SYSTEM FOR EXTERIOR GALVANIZED STEEL." It is at the contractor's discretion to paint in the field or to provide shop painted material and retouch in the field.

### RFI 15f:

**f 17** – Please provide further information regarding Keynote 10.04 – Alum Frame Fabric Snap Tension Panel System shown on A3-01 & A3-03 (Specification, Product #, etc.). In addition, please confirm only the frame is required with the bid as indicated on wall sections 1/A3-22 & A3-31B (Keynote 10-01).

**A 15f:** Correct. The final graphic design is being curated under separate RFP.

### RFI 15g:

**g 18** – Misc. Interior drawings indicate VW-02 as a wall finish (see ID1.11, ID1.12 & ID1.15). This wall finish code is not included in the Finish Schedule ID1.10. Please clarify if this is WC-02 included in Specification 09 7216 Vinyl Graphic Film Wall Covering.

**A 15g:** VW-02 as called out in the stair well on sheet ID1.11 is accompanied by note: "See Architectural plans for stair material". 151A & 201C/A7-31 identifies this wall as smooth trowel integral colored plaster wall with 3/4" clear anodized fry reglet reveals. This finish is to wrap all sides of this freestanding wall.

### RFI 16a:

In reference to the Torrance Transit Park and Ride Regional Terminal project bidding on 11/15/17, please clarify the following:

**a.1.** Please provide the Insulated Aluminum Panel location (noted 08-04 wall section keynote and spec. 074243-3 Composite Metal Panels).

**A16a:** Refer to Addendum 2, Item III.F for revised Plan Sheets A3-02, A3-25, and A8-82 clarifying aluminum panel locations at canopy.

### RFI 16b:

**b.2.** Please advise what area needs to be covered per section 071813-3 Pedestrian Traffic Coating.

**A 16b:** Refer to Addendum 2, Item III.F for revised Plan Sheet A4-25 showing the Pedestrian Traffic Coating application location at Exterior Patio 211.

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### RFI 17a:

~~19~~ – See Signage subcontractor's questions below. Addendum #1 Specification 10 13 00 – Dynamic Digital Displays include numerous options (LCD display, plasma, LED, touch screen, etc.):

~~a.1~~ - Will the Double Face be in Master / Slave configuration or Master / Master?

**A 17a:** Master/Slave configuration.

### RFI 17b:

~~b.2~~ - Communication? Hardwired? Distance? Ethernet cable or Fiber cable?

**A 17b:** These items are to be determined by the vendor for the system proposed that conforms to the contract specifications related to this item.

### RFI 17c:

~~c.3~~ - How are these signs going to be programmed? From where? Will they have a programming

**A 17c:** Refer to Specifications Section 101300 B.4.

### RFI 17d:

~~d.4~~ - Does the Owner have their own content management software which they want to use and have Digital LED sign compatible with that?

**A 17d:** The City uses General Transit Feed Specification-Real Time software by Google for its Event Management System.

### RFI 17e:

~~e.1~~: Please reference 3/A8-82, 3/A8-84 Metal Siding w/ Kynar XL Finish And Field Applied High-Performance Coating Installed on Air and Water Barrier over CMU. Can you please clarify this item and system to be utilized – both prefinished and field finished siding?

**A 17e:** Refer to Addendum #2, Item III.F, for revised sheets A8-82 and A8-84 noting desired Zinalum+ finish. Prefabricated panel system specified in Specification Section 07 4619 is to be prefinished per Section 05 0514. Per Section 09 9100a, all field-painted systems are to be high performance paint finish as specified in Section 09 9600.

### RFI 17f:

~~f.2~~: Please reference 4,12/A8-82 Linear ACM plank ceiling system indicated high-performance paint finish. Please clarify if this is factory finished or field finished. This is typically a prefinished system prior to field installation.

**A 17f:** Yes, this is to be a factory finish for this prefabricated system. Fascia to be custom silver and underside to be custom copper color. Both colors to be coordinated with architect during construction to ensure alignment with Torrance Transit branding.



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### RFI 17g:

**g.4:** Please clarify the finishes required at the Commercial Spaces 102 & 150. Do the walls and exposed ceilings require painting at these areas?

**A 17g:** Yes, these spaces are to be floated to level 4 finish, painted and primed as shown.

### RFI 17h:

**h.5:** Please confirm that the interior of the electrical yard and transformer enclosure cmu walls are only to receive water repellents since they're not exposed to public view.

**A 17h:** Yes, confirmed

### RFI 17i:

**i.6:** Please clarify which structural members require thin-film intumescent fireproofing Coating and rating required. The coatings specified in Specification 07 8124 are for interior use.

**A 17i:** Elevator columns to receive intumescent fireproofing finish as shown on 17/A9-11. Only elevator machine room requires rating, finish to be applied as shown on machine room side only.

### RFI 17j:

**j.21:** Please provide specifications for the 2'-0" wide linear metal plank ceiling at the Bus Canopy shown on A2-43. Or revise Specification 09 5423 which only includes the 4" interior plank Hunter Douglas product at the East bldg. lobbies.

**A 17j:** Linear plank material is not an off-the-shelf ceiling system, but a custom fabrication made from ACM panels per 07 4243.

### RFI 18:

**Electrical and security drawings do not reflect the same quantity or location for security cameras, which set of drawings should we follow?**

**A 18:** Security Camera locations and quantities shall be based on security plans. Conduit must be provided at all security camera locations and within all inaccessible ceiling and/or wall spaces to the accessible ceiling spaces with complete routing back to the security head end equipment within the IT room.

Refer to Addendum 2, Item III.F for revised sheets E-100, E-101 & E-111.

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### RFI 19a:

- a ~~22~~ – As a follow-up to Addendum #1, Q#1: Appendix I, Paragraph 18- Insurance specifically requires all subcontractors to provide the same limits of insurance as the general contractor. Many subcontractors do not carry the higher limits and therefore may choose not to bid the project resulting in increased

cost. The alternative is for the GC to purchase a separate project insurance policy which covers the GC and all of the subcontractors and that will significantly increase the insurance cost for the project. Will the City allow subcontractors to meet the following minimum requirements, \$2,000,000 for General Liability and \$1,000,000 for Automobile Liability?

**A 19a:** No. Requirements are as stated in Addendum #1.

### RFI 19b:

- b ~~23~~ - Paragraph 19 requires all insurance companies to be “admitted” in the State of California which means they must be licensed in the State. This eliminates the majority of insurers who provide insurance to the construction industry who are “authorized” to do business in the State of California but are not licensed in the state. Will the City allow insurers “authorized” to do business in the State of California?

**A 19b:** No.

### RFI 19c:

- c ~~24~~ – Please clarify if the Eco Resin Panels (RE-01, 02 & 03) should be by Lumicor per the Interiors Material Schedule ID0.10 or Varia Wave by 3-Form per the Specifications 12 3630.

**A 19c:** Refer to Addendum#2, Item III.E for revised Specification Section 12 3630, which will specify the manufacturer for the product.

### RFI 19d:

- d ~~25~~ – Please provide additional information for the requirements of the Electric Vehicle Charging Stations shown on E-100 & E-003. If these are to be included with the bid, specifications, etc. is required. GE DuraStation indicated in Note 16 has numerous models available.

**A 19d:** – Refer to Addendum #2 for, Item III.G for the specified the City’s model number for Electric Charging dual station set up (Reference E-003 and E-100).

### RFI 19e:

- e ~~26~~ – Confirm the scope required for the PhotoVoltaic panels shown on A2-41, S2-05, 10/S8-02. PV panels are not shown on 1/E-113. Is it to be Backbone only? If not, additional information (specifications, wattage, switch gear req’mts, etc.) is required. Please provide.

**A 19e:** The bid documents include the parameters of the PV System (rated and sized as indicated on sheet E-003, construction note 2) and location of potential PV inverter (E-200/1). It is the contractor’s responsibility to design and install a PV design/build system to meet the requirements and PV locations shown on architectural and electrical drawings.

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### RFI 19f:

- f 27 – Please clarify where Utility Service Trench detail 4/E-300 occurs. Site plans E-100 and P-101 do not reference this detail. Note 6 implies the electrical subcontractor is to coordinate with ALL utility companies involved, PRIOR to bid, including the gas company. As this information may not be readily available, this may lead to incomplete or overinflated pricing at bid time. Please confirm work shown on E-100 & E-101 are correct. Also, Note 3 indicates the trench "not be covered" until final outside services are complete. Please clarify if the final pavement be left off until utility services are completed? In addition, a gas line is shown in the same trench as the power. This is not standard practice, so please clarify if it will be allowed per code.

A 19f: Detail 4/E-300 is related to the identical detail shown on various plans for the construction of 208<sup>th</sup> St. See C2015; SL-2015-002; SS-386; and ST-1066. Refer to Addendum #2 Item III.A for new bid item #128 and Item III.C for the pay item #128 description to address the joint trench. Any single utility or multiple set of utilities in a joint trench will be to applicable code(s).

### RFI 20a:

- a 28 – Please clarify if the Psomas Civil Drawings C-101 thru C-502 dated 4/10/2017 supersede the Civil Drawings C-1 thru C-9 included with the Off-Site Drawings as Reference Drawings (see drawing C 00).

A 20a: No. Drawings C-1 through C-9 represent rough grading work completed in 2016 and are provided for reference, and are to be considered along with the contractor's in-person review of current site conditions in order to fully incorporate scope as required to provide for the civil scope shown in drawings C-101 through C-502.

### RFI 20b:

- b 29 – For bidding information and reference, is an SCE plan available? Even a preliminary SCE plan would be helpful for evaluating the off-site work.

A 20b: Refer to Addendum #2, Item III.F for the Final SCE utility design plans.

### RFI 20c:

- c 30 – Architectural wall sections A3-23, A3-31, etc. indicate Keynote 07-01 for the roofing at the East and West Buildings. This Keynote indicates light weight concrete on metal deck. Structural drawings S2-05 & S2-07 call out Type D2 deck, which does *not* have concrete (ref: 1/S1-09). Please clarify what system required at the East Bldg high roof and West Bldg roof.

A 20c: Both East and West building roof decking will not have concrete as identified in Structural Sheet S1/S1-09+G67. Refer to Addendum #2, Item III.F. for revised Plan Sheets A3-21 through A3-38 to correct the roof assembly details.

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### RFI 20d:

- d ~~31~~ – Canopy elevation 4/A3-02 indicates Keynote 05.12 – Stainless Steel Fascia & Detail 4/A8-82. Specification 07 4243 Composite Metal Panels is an aluminum material. Please clarify finish of the acm panels.

**A 20d:** Fascia shall be prefabricated Aluminum Composite Material (ACM) panel with custom silver finish to be coordinated with architect during construction to ensure alignment with Torrance Transit branding. Refer to Addendum #2, Item III.F for revised sheet A8-82.

### RFI 21:

In reference to the Torrance Transit Park and Ride Regional Terminal project bidding on 11/15/17, please confirm the Underground Detention Basin per SP-504 & 18" RCP SD is existing condition per C-201.

**A 21:** Confirmed as existing improvements to be protected in place.

### RFI 22:

We are General Contractor Interested bidding the above project, Per Specifications there is a minimum requirements for the GC's experience.

The specs noted that the GC to have or list two (2) LEED Gold Certified Project.

We can provide other LEED Certified Projects, LEED Silver Certified Project, and a LEED GOLD Certified Project as reference.

Please advise if you can reconsider at least having one (1) LEED Gold Certified Project as a Reference/experience.

**A 22:** We cannot reconsider. The qualifications requirements stipulated in the Bid documents remain unchanged.

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### RFI 23a:

**a-** Sign type 1 - There will be a minimum of 5 seams due to material size availability.

**A23a:** Suggested number of seams is acceptable, but no seams will be permitted through perforated areas. 6'-0" X 12'-0" Panels, 11 Gauge available from Beyond Steel. Contact Name Alex (562) 803-0202, 9650 Washburn Rd, Downey, CA 90241, <https://www.beyondsteelinc.net/>

### RFI 23b:

**b-** Sign type 1: There will be a vertical 10" square tube support

**A23b:** Sign type 1: It is acceptable to increase tube size on either ends of the sign with pier footing supports.

### RFI 23c:

**c-** Sign types 2 and 4 we will be adding a vertical support tube.

**A23c:** Sign types 2 and 4: If utilizing support tube, then only 2" tube pan sign is acceptable.

### RFI 23d:

**d-** Sign Type 7: We will add base plates for stability

**A23d:** Sign Type 7: Suggested addition of base plates is acceptable only if concealed within cabinet.

### RFI 23e:

**e-** Sign type 8 – is illumination required?

**A23e:** Sign type 8: No, illumination is not required.

### RFI 23f:

**f-** Sign type 10 – Can you verify the thickness of the letters? The drawing calls it out as 1" thick in one place and 1.5" in

**A23f:** Sign type 10: Letters are to be 1.5" thick fabricated aluminum.

### RFI 23g:

**g-** Sign type 10 – Can we use a square tube fabricated mounting frame instead of a 1" thick mounted plate to reduce weight and cost?

**A23g:** Sign type 10 (cont.): Yes, square tube fabricated mounting frame in place of plate.

### RFI 23h:

**h-** Sign type 13 Can we use a thinner gauge material for the column wrap?

**A23h:** Sign type 13: Yes, thinned gauge material may be used for the column wrap. Minimum thickness is 11 gauge.

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### RFI 23i:

#### Questions: LED Video Displays

- i- Sign type #9 Need a little more clarification on the cabinet that it is housed in.

**A23i:** Sign type 9: This question is vague. Refer to 4/AG-06, 2/AG-06, and specification section 10 1402 for information regarding design of Sign Type 9.

### RFI 23j:

- j- Sign type #9 Do you have an integrator that is handling the NTCIP compliant bus info to be displayed. is it in a format that can be displayed on digital media? Or are you looking to us for a recommendation?

**A23j:** Sign type 9: City has an integrator for NTCIP Bus info to be displayed for Torrance Transit busses only. Information can be displayed on digital media. City is not seeking recommendations.

### RFI 23k:

- k- In the Addendum: Page 15 Item B : LED Digital Display; Can you give us more detail, product specs, renderings, preferred pitch, resolution, application / use? Do you need it video capable? Do you have any Renderings? What specific information do you want to display? How many of these? Are they single face, double face? Wall Mounted? Pylon Mounted?

**A23k:** Sign type 9: LED Digital Display: There are no LED monitors or digital displays within the signage package. Refer to Addendum #2, Item III.E for a revised Section 10 1300 that specifies only the required components.

### RFI 23l:

- l- In the Addendum Page 16 Item C: LED Ribbon board display; Can you give us more detail, product specs, renderings, preferred pitch, resolution, application / use? Do you need it video capable? Do you have any Renderings? What specific information do you want to display? How many of these? Are they single face, double face? Wall Mounted? Pylon Mounted?

**A23l:** LED Ribbon Display: Original basis of design for LED ribbon display for bus info sign is: STANDARD DAKTRONICS, GALAXY DISPLAY AF-3200, SERIES, MODEL: AF-3200-16x96-12-A. Video capability is not required for this sign. Refer to Addendum #2, Item III.E for a revised Section 10 1300 that clarifies the intended resolution.

### RFI 23m:

- m-LED Video Wall: You have it listed as 8mm in the document and 585 x 1125 matrix, but then in attachment B you have it called out as LED 8mm or 10mm. As a 10mm your matrix will shrink considerably. Are you staying with the 8mm? Would you like us to quote just the 8mm?

**A23m:** Please use 8mm as a basis for bid. Refer to Addendum #2, Item III.E, expected release date November 7, 2017. Addendum #2, Item III.F will include a revised Section 11 5233B Equipment List with this correction.



## TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 (B2017-39)

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### RFI 23n:

- n- Question: Is there an existing or preferred content management system for the LED Video Display or can we provide one through the LED manufacturer?

**A23n:** There is no preferred or existing content provider. Yes, content management can be provided through the LED manufacturer. The content management system must meet the design requirements/specification as indicated on bid documents.

### RFI 23o:

- o- Are you open to an Equal: 8mm LED Video Wall manufactured in Ontario California by Vantage LED which offers a 7 year warranty on Parts and Onsite Labor?

**A23o:** Yes, if the system meets all design specifications/requirements based on the Daktronics basis of design provided. Contractors must follow the process outlined in the Project Manual for consideration of alternate products and systems to meet the project's basis of design.

### RFI 24:

- a ~~33~~ - Addendum #1 Spec Bid Item #59 is requesting unit pricing for relocating (6) existing street lighting poles on Crenshaw Blvd.
- The ST-1067 Civil plans clearly show these particular poles to be Relocated by SCE. As the street lights are attached to the power poles, please confirm the unit cost is only to remove and relocate the (6) street lighting arms and pole top fixtures, and re-install them after SCE has relocated the (6) High Voltage Power Poles.

**A24:** SCE poles shown on ST-1067 were previously relocated. Street light relocation is no longer anticipated. Refer to Addendum 2, Item III.A for revised Bidder's Submittal Packet (Bid Item 59 deleted) and Item III.C deletion of Bid Item 59 from the for pay item description.

### RFI 25:

- a ~~1~~ Please reference RFI "15c". Please confirm zinc 90-97 is being shop applied & spot-primed in the field due to weld(s) etc and the entire structural system is require an additional coat of zinc in the field. So a total of (2) zinc coats is being requested is that correct?

Please also note only 94H20 Hydro-Zinc is for field application 90-97 is for shop application.

**A 25:** Coating requirements are specified in 09 9600. Refer to this section also for primers, intermediate coats, and finish coats. 90-97 Tnemec-Zinc and 94-H20 Hydro-Zinc both meet the project's specification requirements for shop application of primer. Due to specified VOC limits for field application, only 94-H20 Hydro-Zinc may be used in the field. Refer to Addendum #2, Item III.E for a revised Specification Section 09 9600 including clarification of high performance coating options.

### RFI 26:

**Is there a PLA or Union Labor requirement for this project?**

**A 26:** No.

## TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 (B2017-39)

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### RFI 27a:

- ~~a-1~~. Please confirm that all canopy framing (see A2-43) for the metal panels is by others (ex: z-girts and painted gauge metal on 12 & 4/A8-82, galvanized metal framing at 16 & 4/A8-82).

**A 27a:** Framing described is required to be included in final delivery of project by GC.

### RFI 27b:

- ~~b-2~~. Please confirm there is no lath and plaster scratch coat setting bed behind exterior tile, per detail 15/A8-72 tile is installed with thin set over CMU.

**A 27b:** Confirmed: no scratch coat required behind exterior tile.

### RFI 27c:

- ~~c-4~~. Please advise if engineered shop drawings and calculations are required for the interior framing.

**A 27c:** Where interior non-bearing stud walls are detailed per structural sheets no calculations or shop drawings are required. Interior details that differ from -- or are not per structural drawings, or are outside the scope of typical interior metal studs details shown on structural sheets plus Exterior Metal studs -- are required to be submitted (shop drawings and calculations) for review per design-build requirements noted on the plans.

### RFI 27d:

- ~~d-5~~. Please clarify soffit drop fasteners to structure, drawing A8-51 shows shot pins and detail on S1-12 shows expansion anchors?

**A 27d:** Expansion anchor fasteners are to be installed per structural plans and specifications. Shotpins are not allowed for hanging conditions. Refer to Addendum #2, Item III.F for revised sheet A8-51 with the requisite clarification / stipulation.

### RFI 27e:

- ~~e-6~~. Please confirm that detail 15/A8-50 is to be used at all acoustical ceiling locations for the window shade detail, several locations show the gypsum board detail 18/A8-51 (which has a stud soffit drop) at Acoustical ceilings.

**A 27e:** Confirmed. 15/A8-50 shows the intended shade pocket detail at acoustic ceiling tile conditions, while 18/A8-51 shows intended shade pocket detail to be used in gypsum board ceiling conditions.

**TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 (B2017-39)**

**Addendum #2:** Page 17 of 27

**RFI 27f:**

- ~~t- 7.~~ Please clarify the kickers at the soffit drops on A8-51, several details note kickers 4' on center ea way. Typically this would be alternating. Are two braces required every 4' on center or only one in alternating directions?

**A 27f:** Kickers are to be spaced at 4'-0" o.c., alternating direction every other location.

**RFI 27g:**

- ~~g- 8.~~ Detail 9/A8.21 occurs at a 1 hr fire rated wall to beam condition, however, the beam is left exposed and the building does not have any fireproofing. Please confirm this beam does not need to be wrapped with drywall.

**A 27g:** Construct per detail. Beam not required to be fireproofed in Type III-B construction. However, fire proofing is required at perpendicular beam to wall penetrations as shown in detail 9/A8-21.

**RFI 27h:**

- ~~h- 9.~~ Maximum allowable wall height chart on S1-11 shows 4" studs to be 18ga for 16'-6" deck heights, please confirm detail 9/A8-21 which notes 16ga metal stud framing can be 18ga when the height is 16'-6" or less.

**A 27h:** Gauge shown on structural is confirmed. Refer to Addendum #2, Item III.F for revised sheet A8-21 with the requisite clarification / stipulation.

**RFI 27i:**

- ~~i- 10.~~ Please clarify tile backer board, specification section 09 2813 calls for ½" cement board while specification 09 2900 calls for dens-shield tile backer board?

**A 27i:** Utilize Dens-Shield tile backer board per specification section 09 2900.

**RFI 27j:**

- ~~j- 11.~~ Please clarify if Tyvek Commercial Wrap is required (See specification 05 4000 under sheathing accessories). Lath & Plaster Specification 09 2425 calls for grade D paper under lath & specification 07 2727 Air & Water Barrier is a liquid air barrier system which is behind the grade D paper.

**A 27j:** No Tyvek Commercial Wrap is called for in the plans and specifications. Refer to Addendum #2, Item III.E for revised 05 4000 specification section eliminating such reference.

**TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 (B2017-39)**

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**RFI 27k:**

- k- 12.** Specification 09 2425 calls for standard corneraid at exterior corners; however, detail 11/A8-30 shows a Fry Aluminum corner trim. Please clarify which trim to use.

**A 27k:** Standard corneraid is to be used at typical exterior plaster conditions. Detail 11/A8-30 represents an interior plaster condition located in the stairwell of the East building shown on sheet A7-31. Fry Reglet or approved equal corner trim is to be utilized on interior plaster walls.

**TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 (B2017-39)**

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**II. SUBSTITUTION/OR-EQUAL REQUESTS**

The table below summarizes Substitution/Or-Equal Requests received to date.

<b>Ref. Spec. or Plan Sheet</b>	<b>Specified Item</b>	<b>Proposed Substitution / Or Equal</b>	<b>Disposition</b>	<b>City Comment</b>
07 1813	Elasto-Deck 5000 X2	Eco- Flex Deck, Evonik Corporation	Incomplete documentation submitted. Not Approved.	Final Determination.
07 1900	Aquatrete Concentrate	Protectosil Aquatrete Concrete, Evonik Corporation	Updated product name approved	Final Determination.
07 4619	AEP Span HR-36	MS IC72, Metal Sales Mfg. Corp.	Incomplete documentation submitted. Not Approved.	Final Determination.
10 2813.14	Exel	AB12 Quiet V, Dyson	Incomplete documentation submitted. Not Approved.	Final Determination.
07 2726	GRACE PERM-A-BARRIER VP	GE ELEMEX 2600 AWB, Momentive	Incomplete documentation submitted. Not Approved.	Final Determination.
09 6110	Vapor Seal 309 Sealer	KOSTER VAP I 2000, KOSTER	Incomplete documentation submitted. Not Approved.	Final Determination.
AV Plans	Creston	Extron	Incomplete documentation submitted. Not Approved.	Final Determination.

See also Item III.B on following page.

**III. CHANGES AND/OR ADDITIONS TO THE BIDDERS' SUBMITTAL; PLANS; AND/OR SPECIFICATIONS VOLUME 1 OR VOLUME 2.**

**A. REFER TO THE OFFICIAL BIDDER'S SUBMITTAL PACKET (obtained from the City Clerk) AND TO SPECIFICATIONS VOLUME 1 "SECTION C – BID DOCUMENTS". SEE PAGES NOTED BELOW OF EACH.**

Bidder's Submittal Pages C-1 through C-9, (9 pages) including Base Bid and Additive Bid Schedules are hereby deleted and replaced with the new Bidder's Submittal pages C-1, Addendum 2 through C-9, Addendum 2 (9 pages) which is attached to this Addendum and includes revised Base Bid and Additive Bid Schedules, including revisions issued in Addendum 1. A Bidder must use the new Bidder's Submittal pages C-1, Addendum 2 through C-9, Addendum 2 for its bid.

**B. REFER TO SPECIFICATIONS, VOLUME 1, SECTION E – SPECIAL PROVISIONS, SUBSECTION 4-1.6 Trade Names or Equals.**

Add the following after the second paragraph:

"For the following Specification Sections only, Contractor must submit data concerning items desired to be considered as equal or substitution in accordance with Section 01 2513 within 35 days of Award of the Contract:

- Section 11 5200 AUDIO VISUAL SYSTEMS
- Section 10 7113 EXTERIOR SUN CONTROL DEVICES
- Section 09 6616 TERRAZZO FLOOR TILE
- Section 09 7723 ACCOUSTICAL WALL PANELS



**TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 (B2017-39)**

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**C. REFER TO SPECIFICATIONS VOLUME 1 “SECTION E – SPECIAL PROVISIONS”.  
SEE SUBSECTION 9-3.7 BID ITEM DESCRIPTIONS.**

The following items are revised as shown herein.

Item #	DESCRIPTION	UNIT	PAY ITEM DESCRIPTION
25	Equipment (N.I.C. Sections 11 5200 and 11 5233 and Exhibit 11 5233A)	LF	Per requirements of Division 11 and all Subdivisions EXCLUDING Sections 11 5200 and 11 5233 and Exhibit 11 5233A for provision and installation of Equipment Specified.
110	Construct Concrete Driveway with Depressed Sidewalk per City of Torrance Standard <del>T-105</del> <b>W5 T-105</b> , case 1 w/ADA Ramps @ Drives on CMB	SF	For concrete curb and curb and gutter (excluding integral curb and curb/gutter associated with driveways, alley intersections, curb ramps, and cross-gutters). Includes subgrade preparation, CMB placement and consolidation, line and grade, formwork, concrete placement all joints as shown in standard plans and construction details, all joints and keyways, as shown in standard plans and construction details, adjacent AC pavement reconstruction, protection of existing trees, parkway restoration, repainting of addresses on curb faces where painted addresses have been removed due to new curb construction and repainting of red curb (top and face) where red curb has been removed due to new curb construction.
112	Curb with Depressed Access for Wheelchair per ADA Requirements <b>on CMB</b>		For concrete integral curb and curb/gutter associated with driveways, alley intersections, curb ramps, and cross-gutters, includes subgrade preparation, CMB placement and consolidation, line and grade, formwork, concrete placement all joints as shown in standard plans and construction details, all joints and keyways, as shown in standard plans and construction details, adjacent AC pavement reconstruction, protection of existing trees, parkway restoration, also includes detectable warning surface for ramps.
114	4 in Thick A.C. Pavement on CMB		Includes subgrade preparation and furnishing, installing, <b>preparing and consolidating</b> base and <del>preparation</del> , base course, leveling course, tack coat, and all work necessary to install complete in place. There shall be no separate payment for tack coat, header paving or temporary pavement

**SPECIFICATIONS VOLUME 1 “SECTION E – SPECIAL PROVISIONS SUBSECTION 9-3.7 BID ITEM DESCRIPTIONS (CONTINUED)”**

The following items are deleted as shown herein.

Item #	DESCRIPTION	UNIT	PAY ITEM DESCRIPTION
59	Relocate Existing Streetlighting Poles	-EA	<del>Includes all work to remove and protect poles demolish and dispose of existing foundations, install new foundations, trenching, backfill and restoration, conduit, wires, pull boxes and handholes, hoisting and installation of poles and fixtures in new location, complete in place DELETED</del>

Item #	DESCRIPTION	UNIT	PAY ITEM DESCRIPTION
78	6" DI Pipe, CL350	-LF	<del>As detailed in Special Provisions Section 306-1.6. DELETED</del>
84	6" DI Pipe, CL350	-LF	<del>As detailed in Special Provisions Section 306-1.6. DELETED</del>

**TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 (B2017-39)**

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**SPECIFICATIONS VOLUME 1 “SECTION E – SPECIAL PROVISIONS SUBSECTION 9-3.7  
BID ITEM DESCRIPTIONS (CONTINUED):** The following items are added as shown herein.

<b>Item #</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>PAY ITEM DESCRIPTION</b>
128	Utility Coordination Allowance	ALW	Preset Bid Allowance for administering required utility costs such as, but not limited to, utility account setup, utility design fees, utility installation costs and fees, etc. Actual utility costs plus allowable subcontractor markups established in Special Provisions Section 3-3.2.3.2 shall be fully documented and provided with payment requests.

The following Alternate Bid Item Descriptions 25B-F (Reference RFI #9c) are added as shown herein.

<b>Item #</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>PAY ITEM DESCRIPTION</b>
25B	Training Room and Conference Room AV Systems	LS	Per Requirements of Division 11, Subdivision 11 5200 for provision and installation of Training and Conference Room AV Systems equipment, not including electrical requirements included under Division 26.
25C	Paging Systems	LS	Per Requirements of Division 11, Subdivision 11 5200 for provision and installation of Paging Systems equipment, not including electrical requirements included under Division 26.
25D	Television Systems	LS	Per Requirements of Division 11, Subdivision 11 5200 for provision and installation of Television Systems equipment, not including electrical requirements included under Division 26.
25E	Conference Room Digital Media Receptacles and Control	LS	Per Requirements of Division 11, Subdivision 11 5200 for provision and installation of Conference Room Digital Media Receptacles and Control Systems equipment, not including electrical requirements included under Division 26.
25F	AV Annual Maintenance	YR	Per Requirements of Division 11, Subdivision 11 5200 for Annual Maintenance for up to 5 years. Cost shall include escalation over 5 years. This item will be implemented via a direct, separate contract with the AV maintenance provider.

**D. REFER TO SPECIFICATIONS VOLUME 2, PROJECT MANUAL**

- In the Section 00 1010 “Table of Contents” make the following revisions:
  - Under Division 9 - FINISHES, add new Section 09 7223 ACCOUSTICAL WALL PANELS
  - Under Division 10, add new Section 10 7113 EXTERIOR SUN CONTROL DEVICES
  - Under Appendices, add APPENDIX D CANOPY CEILING SUPPORT CALCULATIONS
  - Under Appendices, add APPENDIX E DIGITAL FILE WAIVER
  
- In Project Directory Page 00 0102-2, under LEED CONSULTANT add the following:

*“The project already has a LEED Project Administrator that is responsible for coordinating with the construction team for compliance with LEED-related specifications including but not limited to 01 81 13 SUSTAINABILITY DESIGN REQUIREMENTS. Furthermore, the project already has a LEED Commissioning Provider (CxP) that is responsible for overall LEED Fundamental and Enhanced commissioning while coordinating the selected General Contractor and its subcontractors to ensure compliance with commissioning-related specifications including but not limited to 01 91 13 GENERAL COMMISSIONING REQUIREMENTS.”*

**E. REFER TO THE LINK BELOW FOR REVISED OR ADDITIONAL SPECIFICATION SECTIONS AS NOTED BELOW:**

[https://andpen.egnyc.com/fl/FoaQ6AEU64/B2017-39\\_Addendum\\_02\\_Final](https://andpen.egnyc.com/fl/FoaQ6AEU64/B2017-39_Addendum_02_Final)

- Section 11 5200 issued with Addendum 1 is hereby deleted and replaced with revised Section 11 5200, in response to RFI No. 9c.
- Add APPENDIX D “STRUCTURAL CALCULATIONS for Torrance Transit Regional Park and Ride, Ceiling Framing Design, Dated 10/17/2017, in response to RFI 10.
- Add new Section 10 7113 EXTERIOR SUN CONTROL DEVICES, in response to RFI 11.
- Replace Section 09 6616 with revised Section 09 6616 in response to RFI 12a.
- Add new Section 09 7723 in response to RFI 12b.
- Add APPENDIX E “DIGITAL FILE WAIVER” in response to RFI 12e.
- Replace Section 12 3630 with revised Section 12 3630 in response to RFI 19c.
- Replace Section 05 4000 with revised Section 05 4000 in response to RFI 27j
- Replace Section 09 9600 revised Section 09 9600 from RFI 25.
- Replace Section 10 1300 with revised section 10 1300 in response to RFIs 23k & l.
- Replace Section 11 5233B Equipment List with revised Section 11 5233B Equipment List in response to RFI 23 m.

**F. REFER TO THE LINK BELOW TO DOWNLOAD REVISED AND ADDITIONAL PLAN SHEETS AS NOTED BELOW:**

[https://andpen.egnyte.com/fl/FoaQ6AEU64/B2017-39\\_Addendum\\_02\\_Final](https://andpen.egnyte.com/fl/FoaQ6AEU64/B2017-39_Addendum_02_Final) \_

- Revised sheets A1-11, A4-15 in response to RFI 6a, and E-101 in response to RFIs 6a and 18. Provides clarifications and adjustments related to low voltage distribution in response to RFI 6a.
- Revised sheets (in response to) A2-43 and A8-84B (RFIs 10), A3-02 (RFI 10, 14a & 16a) A3-25 (RFIs 10, 16a, 17e, 20c and 20d), A8-82 (RFIs 10, 16a, 17e and 20d)
- Revised sheet A1-11 in response to RFI No. 12c.
- Revised sheet IDO.10 in response to RFI 12a and 14e.
- Revised Sheet A7-40 in response to RFI 12d.
- Revised sheet A4-25 in response to RFI 16b.
- Revised sheets A8-82 (RFIs 10, 16a, 17e and 20d) and A8-84 (RFI 17e).
- Revised Sheets E-100 & E-111 in response to RFI 18.
- Added SCE Final Design Plan No. 62745 to Electrical sheets in response to RFI 20b.
- Revised plan sheets A3-21 through A3-38 in response to RFI 20c.
- Revised plan sheet A8-51 in response to RFI 27d.
- Revised plan sheet A8-21 in response to RFI 27h.

**G. REFER TO PLAN SHEETS AND FOR NOTED REVISIONS BELOW:**

- On Sheet E-003, Distribution Board 'WLDB' and E-100 Note 17, Vehicle Charging Stations will be GE Durastation model number EVDRN3 for dual station set up (Refer to RFI 19d.)
- On Sheet G-01, in the Drawing Index, add 627475\_0101 SCE Final Design Plan (2 sheets) under E-301 Electrical Details. (Refer to RFI 20d.)

By Order of the City Engineer

/S/ CRAIG BILEZERIAN

Craig Bilezerian  
Deputy Public Works Director/City Engineer

Enclosures



**BIDDER'S CERTIFICATION**

I acknowledge receipt of the foregoing Addendum No. 2 and accept all conditions contained therein.

\_\_\_\_\_  
Bidder

\_\_\_\_\_  
By

\_\_\_\_\_  
Date

**\*\*\*\*\* Submit this executed form with the bid \*\*\*\*\***

**Please fill out and submit the  
“Acknowledgment of Addenda Received” form  
provided in Section C of the Specifications.**

## BIDDER'S SUBMITTAL

Company: \_\_\_\_\_

Total Base Bid (numbers): \$ \_\_\_\_\_

### PROPOSAL, SPECIFICATIONS, BOND AND AFFIDAVIT FOR CONSTRUCTION OF THE TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 B2017-39

Honorable Mayor and Members  
of the Torrance City Council  
Torrance, California

Members of the Council:

In accordance with the Notice Inviting Bids pertaining to the receiving of sealed proposals by the City Clerk of the City of Torrance for the above titled improvement, the undersigned hereby proposes to furnish all Work to be performed in accordance with the Plans, Specifications, Standard Drawings, and the Contract Documents prepared by Frank Webb Architects Inc. for the lump sum bid as set forth in the following schedules.

### BASE BID SCHEDULE

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
<b>GENERAL REQUIREMENTS (DIVISION 1 AND SPECIAL PROVISIONS, PART 1 - WITH DESIGNATED BID ITEMS)</b>							
1	01 7123	2-9.1	Permanent Survey Markers	12	EA	\$	\$
2	01 7123	2-9.2	Survey Service	1	LS	\$	\$
3	01 3216	6-1.4	CPM Baseline Schedule	1	LS	\$	\$
4	-	6-1.6	4-Week Look Ahead Schedules (Weekly)	1	LS	\$	\$
5	-	6-1.7	CPM Schedule Updates (Monthly)	1	LS	\$	\$
6	-	6-6.3	Payment for Delays	20	DAY	\$	\$
7	-	7-8.6.2	NPDES / BMP Measures	1	LS	\$	\$
8	-	7-8.6.3	SWPPP / NOI Preparation	1	LS	\$	\$
9	-	7-8.6.3	SWPPP/WDID Permit	1	LS	\$	\$
10	-	7-8.6.3	SWPPP/Annual Report/Notice of Termination Preparation/Submittal	1	LS	\$	\$

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
11	-	7-10.2	Traffic Control	1	LS	\$	\$
12	01 5813	7-15	Project Signs and Identification	1	LS	\$	\$
13	-	7-15	Portable Changeable Message Signs	2	EA	\$	\$
14	-	8	Facilities & Site Utility Vehicles for Agency Personnel	1	LS	\$	\$
15	-	9-3.4	Mobilization	1	LS	\$	\$
16	-	9-3.5	Demobilization	1	LS	\$	\$
<b>REGIONAL TERMINAL SITE AND FACILITIES</b>							
17	DIV 3	-	Concrete	1	LS	\$	\$
18	DIV 4	-	Masonry	1	LS	\$	\$
19	DIV 5	-	Metals - Structural & Architecturally Exposed Steel, Decking, Metal Pan Stairs and Miscellaneous Metals	1	LS	\$	\$
20	DIV 6	-	Wood and Plastics	1	LS	\$	\$
21	DIV 7	-	Thermal and Moisture Protection	1	LS	\$	\$
22	DIV 8	-	Doors, Door Hardware, Windows & Storefronts	1	LS	\$	\$
23	DIV 9	-	Finishes	1	LS	\$	\$
24	DIV 10	-	Specialties	1	LS	\$	\$
<b>25</b>	<b>DIV 11</b>	<b>-</b>	<b>Equipment (N.I.C. Sections 11 5200 and 11 5233 and Exhibit 11 5233A)</b>	<b>1</b>	<b>LS</b>	<b>\$</b>	<b>\$</b>
26	DIV 12	-	Furnishings	1	LS	\$	\$
27	DIV 14	-	Conveying Equipment	1	LS	\$	\$
28	DIV 21	-	Fire Suppression Sprinklers	1	LS	\$	\$
29	DIV 22	-	Plumbing	1	LS	\$	\$
30	DIV 23	-	Heating Ventilation & Air Conditioning	1	LS	\$	\$
31	DIV 26	-	Electrical	1	LS	\$	\$
32	DIV 28	-	Electronic Safety Security and Fire Alarm	1	LS	\$	\$

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
33	DIV 31	-	Sitework	1	LS	\$	\$
33A	DIV 31	-	Sitework - Import (Allowance)	250	CY	\$	\$
34	DIV 32	-	Exterior Improvements	1	LS	\$	\$
35	DIV 33	-	Utilities	1	LS	\$	\$
<b>OFFSITE IMPROVEMENTS</b>							
<b>C-2014-001 SIGNS AND STRIPING FOR CRENSHAW BOULEVARD</b>							
36	32 1723-1724	314, 317	Signs and Striping Crenshaw Boulevard	1	LS	\$	\$
<b>ST-1067 STREET WIDENING CRENSHAW BOULEVARD</b>							
37	31 1000	300-1.3	Sawcut Asphalt Paving	737	LF	\$	\$
38	31 1000	300-1.3	Sawcut Concrete Paving	167	LF	\$	\$
39	31 1000	300-1.3	208th St. / Crenshaw Sawcut Asphalt Paving	99	LF	\$	\$
40	31 1000	300-1.3	Removal of Concrete & A.C. Pavement, Sidewalks, Curb & Gutter, and Unclassified Materials	14,716	SF	\$	\$
41	31 1000	300-1.3	208th St. / Crenshaw Removal of Concrete & A.C. Pavement, Curb & Gutter, and Unclassified Materials	343	SF	\$	\$
42	31 1000	300-1.1	Clearing/Grubbing/Rough grade - New sidewalk area	12,836	SF	\$	\$
43	31 1000	300-1.1	<b>Clearing/Grubbing/Rough grade - Widening Area, incl. subgrade prep</b>	27,100	SF	\$	\$
44	31 1000	300-1.1	<b>208th St./ Crenshaw Clearing/Grubbing/Rough grade/Subgrade Prep</b>	37,850	SF	\$	\$
45	32 1206	302-1	Cold Milling	10,270	SF	\$	\$
46	31 2000	300-5.2	Imported Borrow	102	CY	\$	\$
47	31 2000	301-1	<b>208th St./ Crenshaw Imported Borrow</b>	<b>3,643</b>	<b>CY</b>	\$	\$

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
48	32 1313	303-5 301-2	Concrete Paving, Spandrels, Sidewalks, Driveways, Ramps, PCC Join, including CMB	13,940	SF	\$	\$
49	32 1313	303-5, 301-2	208th St./ Crenshaw. Concrete Paving, Spandrels, Sidewalks, Driveways, Ramps, PCC Join, including CMB	18,018	SF	\$	\$
50	32 1313	303-5, 301-2	8" Concrete Curb Per SPPCC 120 (8) on CMB	250	LF	\$	\$
51	32 1313	303-5, 301-2	208th St./ Crenshaw. 8" Concrete Curb Per SPPCC 120 (8) on CMB	40	LF	\$	\$
52	32 1313	303-5, 301-2	8" Concrete Curb w./ 24" Gutter Per Torrance Std T103, on CMB	750	LF	\$	\$
53	32 1313	303-5, 301-2	208th St./ Crenshaw. 8" Concrete Curb w./ 24" Gutter Per Torrance Std T103, on CMB	428	LF	\$	\$
54	32 1313	303-5, 301-2	Curb Ramp with Detectable Warning Surface, Per SPPWC Std 111 on 4" CMB	7	EA	\$	\$
55	32 1313	303-5, 301-2	208th St./Crenshaw Curb Ramp with Detectable Warning Surface, Per SPPWC Std 111 on 4" CMB	2	EA	\$	\$
56	32 1206	302-5, 301-2	10" B-PG64-10 AC Base Paving on 15" CMB	5,150	SF	\$	\$
57	32 1206	302-5, 301-2	2" C2-PG64-10 AC Overlay	10,270	SF	\$	\$
58	32 8400, 9000	308	Landscape & Irrigation	1	LS	\$	\$
<b>59</b>	<b>-</b>	<b>307</b>	<b>Relocate Existing Streetlighting Poles</b>	<b>6</b>	<b>-EA</b>	<b>-\$</b>	<b>-\$ DELETED</b>
60	-	307	208th St./ Crenshaw. Streetlighting	3	EA	\$	\$
61	32 1313	303-5	208th St./ Crenshaw. 36" W Concrete Channel Under Sidewalk	30	LF	\$	\$

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
62	32 3113	304-3	208th St/Crenshaw Chain Link Fence	62	LF	\$	\$
63	32 3113	304-3	208th St/Crenshaw. Chain Link 6 'x 15' swing gate	1	EA	\$	\$
64	32 1313	207-16, 306	208th St/ 6" PVC Sanitary Sewer	46	LF	\$	\$
65	-	207-21.5, 306	208th St./ POC 6" / (E) 18" VCP SEWER in existing street	1	EA	\$	\$
<b>TS-2014 NEW TRAFFIC SIGNAL AT CRENSHAW BLVD AND TRANSIT WAY</b>							
66	-	307	New Traffic Signal at Crenshaw Blvd & Transit Way	1	LS	\$	\$
<b>TS84 200A TRAFFIC SIGNAL MODIFICATION AT CRENSHAW BLVD AND 208TH STREET</b>							
67	-	307	Traffic Signals Modification Plan Crenshaw Blvd & 208th Street	1	LS	\$	\$
<b>WP-306 PLAN &amp; PROFILE FOR CRENSAW BLVD WIDENING &amp; TRANSIT CENTER WATER SYSTEM</b>							
68		306	8" DI Pipe, CL 350	1,300	LF	\$	\$
69		306	8" Gate Valve	2	EA	\$	\$
70		306	8" DI Bend	4	EA	\$	\$
71		306	12x8x12 DI Tee	3	EA	\$	\$
72		306	8" POC in existing Street	3	EA	\$	\$
73		306	208th Street POC 8"/8" in existing street	1	EA	\$	\$
74		306	208th St. 8" PVC Pipe	24	LF	\$	\$
75		306	208th Street 8" GATE VALVE	1	EA	\$	\$
76		306	208th Street "8" PIPE CAP/STUB, BLIND FLANGE	1	EA	\$	\$
77		306	6" DI Pipe, CL 350	60	LF	\$	\$
<b>78</b>	<b>-</b>	<b>306</b>	<b>6" DI Pipe, CL 350</b>	<b>60</b>	<b>-LF</b>	<b>-\$</b>	<b>-\$ DELETED</b>
79		306	6" Gate Valve	2	EA	\$	\$
80		306	6" POC in existing Street	2	EA	\$	\$



Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
81		306	6" POC in existing Sidewalk	1	EA	\$	\$
82		306	208th Street 6" PVC PIPE	60	LF	\$	\$
83		306	208th Street 6" GATE VALVE	2	EA	\$	\$
<b>84</b>	<b>-</b>	<b>306</b>	<b>6" DI Pipe, CL-350</b>	<b>60</b>	<b>-LF</b>	<b>-\$</b>	<b>-\$ DELETED</b>
85		306	208th Street POC 6"/8" in existing street	1	EA	\$	\$
86		306	Thrust Block	12	EA	\$	\$
87		306	208th Street Thrust Block	7	EA	\$	\$
88		306	Air Release Blow Off	2	EA	\$	\$
89		306	Fire Hydrant Assembly	3	EA	\$	\$
90		306	Remove Existing Fire Hydrant	2	EA	\$	\$
<b>C-2015 SIGNAGE AND STRIPING - 208TH STREET</b>							
91	-	314, 317	Signage and Striping - 208th Street	1	LS	\$	\$
<b>SL 2015-002 STRET LIGHTING - 208TH STREET</b>							
92	-	307	Ameron 1C1-28 Street Light Pole w/ 1AP8 8' Mast Arm & 107 Watt Led Luminaire	7	EA	\$	\$
<b>SS-386 SANITARY SEWER - 208TH STREET</b>							
93	-	Per Std.	Manhole Type "D" Frame & cover per CSD. Std. No. S-a-204 & S-a-228	1	EA	\$	\$
94	-	Per Std.	Manhole per SPPWC Std. Plan No. 200	3	EA	\$	\$
95	-	306	6" VCP WYE (6"x8")	6	EA	\$	\$
96	-	306	8" VCP, Trenching per City of Torrance Std. plan T116 and bedding per City of Torrance Std. plan T204	703	LF	\$	\$
97	-	306	6" VCP, Trenching per City of Torrance Std. plan T116 and bedding per City of Torrance Std. plan T204.	198	LF	\$	\$

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
98	-	306	8" VCP Cap	1	EA	\$	\$
99	-	306	6" VCP Cap	6	EA	\$	\$
<b>ST-1066 STREET IMPROVEMENTS - 208TH STREET</b>							
100	-	300-1.3.2	Sawcut & Removal of A.C. Pavement and Unclassified Materials	10,910	SF	\$	\$
101	-	300-1	Removal of Fence & post	840	LF	\$	\$
102	-	300-1	Temporary Removal/Replacement of Property line Chainlink Fence & Gate	786	LF	\$	\$
103	-	300-1.1	Clearing/Grubbing/Rough grade/Demolition	1	LS	\$	\$
104	-	300-5.2	Import Roadway Fill, delivered to site.	10,000	CY	\$	\$
105	-	305.2	Import - Process and compacted in place	10,000	CY	\$	\$
106	-	303-6.1, 301-2	11 in Thick Concrete Pavement on CMB	44,947	SF	\$	\$
107	-	303-5.1, 301-2	8" CF Concrete Curb & 24" Gutter per SPPWC Standard 120-2 type A2-8 & City of Torrance Std. T102 on 8" CMB base	1,605	LF	\$	\$
108	-	800-1	Parkway per landscape plans	2,798	SF	\$	\$
109	-	303-5.1, 301-2	3 1/2" Thick Concrete Sidewalk per City of Torrance standard T103 on CMB	3,277	SF	\$	\$
110	-	303-5.1, 301-2	<b>Construct Concrete Driveway with Depressed Sidewalk per City of Torrance Standard T-W5 T-105, case 1 w/ ADA Ramps @ Drives on CMB</b>	2,028	SF	\$	\$
111	-	303-5.1, 301-2	Construct longitudinal concrete gutter per SPPWC 122 on CMB	496	SF	\$	\$
112	-	303-5.1, 301-2	<b>Curb with Depressed Access for Wheelchair per ADA Requirements on CMB</b>	55	LF	\$	\$

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
113	-	302-5.1	8" A.C. Machine Berm	203	LF	\$	\$
114	-	302-5, 301-2	4 in Thick A.C. Pavement on CMB	2,931	SF	\$	\$
<b>WP-301 WATER PLAN AND PROFILE - 208TH STREET</b>							
115	-	306	8" DI Pipe, CL 350	915	LF	\$	\$
116	-	306	6" DI Pipe, CL 350	262	LF	\$	\$
117	-	306	8" Gate Valve	15	EA	\$	\$
118	-	306	Fire Hydrant Assembly	5	EA	\$	\$
119	-	306	6" DI, 90° Elbow	1	EA	\$	\$
120	-	306	8" DI, 90° Elbow	1	EA	\$	\$
121	-	306	8"x8"x6" M.J Tee	9	EA	\$	\$
122	-	306	Thrust Block	1	LS	\$	\$
123	-	306	2" Meter & 2" PVC Service Line w/ Connection to 8" DIP	6	EA	\$	\$
124	-	306	6" Cap w/Mega Lug & Blow-off	6	EA	\$	\$
125	-	306	8"x6" Reducer	1	EA	\$	\$
126	-	306	12" Hot Tap Assembly	1	EA	\$	\$
127	-	308-6	90 Day Plant Establishment and Landscape Maintenance Period	1	LS	\$	\$
128	-	-	Utility Coordination Allowance	1	ALW	\$225,000	\$225,000

**TOTAL BASE BID PRICE \$** \_\_\_\_\_  
(Figures)\*

**TOTAL BASE BID PRICE:** \_\_\_\_\_  
(Words)\*

**\*BASE BID MAY BE REJECTED IF TOTAL IS NOT SHOWN IN FIGURES AND WORDS.**

**B2017- 39**

**ADDITIVE BID ITEM 25A: The City requests a bid price to furnish and install a Video Wall Display as described in Project Manual (Volume 2) Section 11 5233 and in Exhibit 11 5233A.**

**ADDITIVE BID ITEM B2017- 39**

<b>Item #</b>	<b>PROJECT MANUAL DIVISION</b>	<b>SECT. E SPECIAL PROVS.</b>	<b>DESCRIPTION</b>	<b>QUAN</b>	<b>UNIT</b>	<b>UNIT COST</b>	<b>TOTAL COST</b>
25A	DIV 11	-	Equipment (ONLY Section 11 5233 and Exhibit 11 5233A)	1	LS	\$	\$

**ADDITIVE BID ITEMS 25B THROUGH 25F: The City requests prices for the following additive bid items as described in the City’s response to RFI 9c.**

<b>Item #</b>	<b>PROJECT MANUAL DIVISION</b>	<b>SECT. E SPECIAL PROVS.</b>	<b>DESCRIPTION</b>	<b>QUAN</b>	<b>UNIT</b>	<b>UNIT COST</b>	<b>TOTAL COST</b>
25B	11 5200	-	Training Room and Conference Room AV Systems	1	LS	\$	\$
25C	11 5200	-	Paging Systems	1	LS	\$	\$
25D	11 5200	-	Television Systems	1	LS	\$	\$
25E	11 5200	-	Conference Room Digital Media Receptacles and Control	1	LS	\$	\$
25F	11 5200	-	AV Annual Maintenance	5	YR	\$	\$

**The contract will be awarded to the lowest responsive bidder based on the TOTAL BASE BID PRICE.**