

**AMOROSO**  
construction

# Torrance Transit Park and Ride Regional Terminal

Bidder's Submittal Forms

November 22, 2017



S.J. Amoroso Construction Co., Inc.  
275 E. Baker St., Suite B  
Costa Mesa, CA 92626  
T. (714) 433-2326  
F. (714) 433-2329  
[www.sjamoroso.com](http://www.sjamoroso.com)

## BIDDER'S SUBMITTAL

Company: S.J. Amoroso Construction Co., Inc.

Total Base Bid (numbers): \$ 22,680,898

### 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	\$ 545.26	\$ 6,543.16
2	01 7123	2-9.2	Survey Service	1	LS	\$ 87,214.87	\$ 87,214.87
3	01 3216	6-1.4	CPM Baseline Schedule	1	LS	\$ 54,526.33	\$ 54,526.33
4	-	6-1.6	4-Week Look Ahead Schedules (Weekly)	1	LS	\$ 52,345.28	\$ 52,345.28
5	-	6-1.7	CPM Schedule Updates (Monthly)	1	LS	\$ 28,353.69	\$ 28,353.69
6	-	6-6.3	Payment for Delays	20	DAY	\$ 2,726.32	\$ 54,526.33
7	-	7-8.6.2	NPDES / BMP Measures	1	LS	\$ 8,178.95	\$ 8,178.95
8	-	7-8.6.3	SWPPP / NOI Preparation	1	LS	\$ 1,635.79	\$ 1,635.79
9	-	7-8.6.3	SWPPP/WDID Permit	1	LS	\$ 545.26	\$ 545.26
10	-	7-8.6.3	SWPPP/Annual Report/Notice of Termination Preparation/Submittal	1	LS	\$ 817.89	\$ 817.89

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
11	-	7-10.2	Traffic Control	1	LS	\$2,726.32	\$ 2,726.32
12	01 5813	7-15	Project Signs and Identification	1	LS	\$8,178.95	\$ 8,178.95
13	-	7-15	Portable Changeable Message Signs	2	EA	\$18,593.48	\$ 37,186.96
14	-	8	Facilities & Site Utility Vehicles for Agency Personnel	1	LS	\$32,955.71	\$ 32,955.71
15	-	9-3.4	Mobilization	1	LS	\$952,046.72	\$ 952,046.72
16	-	9-3.5	Demobilization	1	LS	\$16,357.90	\$ 16,357.90
<b>REGIONAL TERMINAL SITE AND FACILITIES</b>							
17	DIV 3	-	Concrete	1	LS	\$993,522.77	\$ 993,522.77
18	DIV 4	-	Masonry	1	LS	\$955,191.29	\$ 955,191.29
19	DIV 5	-	Metals - Structural & Architecturally Exposed Steel, Decking, Metal Pan Stairs and Miscellaneous Metals	1	LS	\$2,027,566.00	\$ 2,027,566.00
20	DIV 6	-	Wood and Plastics	1	LS	\$154,151.39	\$ 154,151.39
21	DIV 7	-	Thermal and Moisture Protection	1	LS	\$1,031,642.53	\$ 1,031,642.53
22	DIV 8	-	Doors, Door Hardware, Windows & Storefronts	1	LS	\$933,989.14	\$ 933,989.14
23	DIV 9	-	Finishes	1	LS	\$1,612,441.73	\$ 1,612,441.73
24	DIV 10	-	Specialties	1	LS	\$498,975.90	\$ 498,975.90
<b>25</b>	<b>DIV 11</b>	-	<b>Equipment (N.I.C. Sections 11 5200 and 11 5233 and Exhibit 11 5233A)</b>	<b>1</b>	<b>LS</b>	<b>\$1,090.53</b>	<b>\$ 1,090.53</b>
26	DIV 12	-	Furnishings	1	LS	\$47,983.17	\$ 47,983.17
27	DIV 14	-	Conveying Equipment	1	LS	\$169,031.62	\$ 169,031.62
28	DIV 21	-	Fire Suppression Sprinklers	1	LS	\$229,173.52	\$ 229,173.52
29	DIV 22	-	Plumbing	1	LS	\$391,969.28	\$ 391,969.28
30	DIV 23	-	Heating Ventilation & Air Conditioning	1	LS	\$610,202.23	\$ 610,202.23
31	DIV 26	-	Electrical	1	LS	\$2,181,970.28	\$ 2,181,970.28
32	DIV 28	-	Electronic Safety Security and Fire Alarm	1	LS	\$332,773.55	\$ 332,773.55

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
33	DIV 31	-	Sitework	1	LS	\$464,400.75	\$ 464,400.75
33A	DIV 31	-	Sitework - Import (Allowance)	250	CY	\$ 18.54	\$ 4,634.74
34	DIV 32	-	Exterior Improvements	1	LS	\$3,980,087.32	\$ 3,980,087.32
35	DIV 33	-	Utilities	1	LS	\$248,858.17	\$ 248,858.17
<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	\$21,810.53	\$ 21,810.53
<b>ST-1067 STREET WIDENING CRENSHAW BOULEVARD</b>							
37	31 1000	300-1.3	Sawcut Asphalt Paving	737	LF	\$ 4.25	\$ 3,132.66
38	31 1000	300-1.3	Sawcut Concrete Paving	167	LF	\$ 6.00	\$ 1,001.71
39	31 1000	300-1.3	208th St. / Crenshaw Sawcut Asphalt Paving	99	LF	\$ 6.00	\$ 594.05
40	31 1000	300-1.3	Removal of Concrete & A.C. Pavement, Sidewalks, Curb & Gutter, and Unclassified Materials	14,716	SF	\$ 1.80	\$ 26,466.29
41	31 1000	300-1.3	208th St. / Crenshaw Removal of Concrete & A.C. Pavement, Curb & Gutter, and Unclassified Materials	343	SF	\$3.98	\$1,364.68
42	31 1000	300-1.1	Clearing/Grubbing/Rough grade - New sidewalk area	12,836	SF	\$1.64	\$ 20,986.86
43	31 1000	300-1.1	Clearing/Grubbing/Rough grade - Widening Area, incl. subgrade prep	27,100	SF	\$2.73	\$ 73,847.50
44	31 1000	300-1.1	208th St./ Crenshaw Clearing/Grubbing/Rough grade/Subgrade Prep	37,850	SF	\$2.45	\$ 92,827.67
45	32 1206	302-1	Cold Milling	10,270	SF	\$1.09	\$ 11,199.71
46	31 2000	300-5.2	Imported Borrow	102	CY	\$20.17	\$ 2,056.83
47	31 2000	301-1	208th St./ Crenshaw Imported Borrow	3,643	CY	\$16.90	\$ 61,549.03

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	\$25.63	\$357,245.61
49	32 1313	303-5, 301-2	208th St./ Crenshaw. Concrete Paving, Spandrels, Sidewalks, Driveways, Ramps, PCC Join, including CMB	18,018	SF	\$25.63	\$461,754.05
50	32 1313	303-5, 301-2	8" Concrete Curb Per SPPCC 120 (8) on CMB	250	LF	\$27.75	\$6,938.48
51	32 1313	303-5, 301-2	208th St./ Crenshaw. 8" Concrete Curb Per SPPCC 120 (8) on CMB	40	LF	\$27.75	\$1,110.16
52	32 1313	303-5, 301-2	8" Concrete Curb w./ 24" Gutter Per Torrance Std T103, on CMB	750	LF	\$41.77	\$31,325.38
53	32 1313	303-5, 301-2	208th St./ Crenshaw. 8" Concrete Curb w./ 24" Gutter Per Torrance Std T103, on CMB	428	LF	\$41.77	\$17,876.35
54	32 1313	303-5, 301-2	Curb Ramp with Detectable Warning Surface, Per SPPWC Std 111 on 4" CMB	7	EA	\$1,335.90	\$9,351.27
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	\$1,335.90	\$2,671.79
56	32 1206	302-5, 301-2	10" B-PG64-10 AC Base Paving on 15" CMB	5,150	SF	\$13.09	\$67,394.54
57	32 1206	302-5, 301-2	2" C2-PG64-10 AC Overlay	10,270	SF	\$2.18	\$22,399.42
58	32 8400, 9000	308	Landscape & Irrigation	1	LS	\$63,489.37	\$63,489.37
59	-	307	<del>Relocate Existing Streetlighting Poles</del>	6	<del>EA</del>	<del>\$</del>	<del>\$ DELETED</del>
60	-	307	208th St./ Crenshaw. Streetlighting	3	EA	18,210.63 <del>\$</del> (25)	54,631.89 <del>\$</del> (25)
61	32 1313	303-5	208th St./ Crenshaw. 36" W Concrete Channel Under Sidewalk	30	LF	\$70.88	\$2,126.53

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	\$ 54.53	\$ 3,380.63
63	32 3113	304-3	208th St/Crenshaw. Chain Link 6 'x 15' swing gate	1	EA	\$ 3,816.84	\$ 3,816.84
64	32 1313	207-16, 306	208th St/ 6" PVC Sanitary Sewer	46	LF	\$ 550.72	\$ 25,332.93
65	-	207-21.5, 306	208th St./ POC 6" / (E) 18" VCP SEWER in existing street	1	EA	\$ 12,249.89	\$ 12,249.89
<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	\$ 351,006.16	\$ 351,006.16
<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	\$ 239,080.60	\$ 239,080.60
<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	\$ 109.05	\$ 141,768.46
69		306	8" Gate Valve	2	EA	\$ 3,640.18	\$ 7,280.36
70		306	8" DI Bend	4	EA	\$ 846.25	\$ 3,384.99
71		306	12x8x12 DI Tee	3	EA	\$ 1,121.06	\$ 3,363.18
72		306	8" POC in existing Street	3	EA	\$ 9,980.50	\$ 29,941.50
73		306	208th Street POC 8"/8" in existing street	1	EA	\$ 5,710.00	\$ 5,710.00
74		306	208th St. 8" PVC Pipe	24	LF	\$ 68.70	\$ 1,648.88
75		306	208th Street 8" GATE VALVE	1	EA	\$ 3,640.18	\$ 3,640.18
76		306	208th Street "8" PIPE CAP/STUB, BLIND FLANGE	1	EA	\$ 1,747.02	\$ 1,747.02
77		306	6" DI Pipe, CL 350	60	LF	\$ 76.34	\$ 4,580.21
<del>78</del>	<del>-</del>	<del>306</del>	<del>6" DI Pipe, CL 350</del>	<del>60</del>	<del>LF</del>	<del>\$</del>	<del>-\$ DELETED</del>
79		306	6" Gate Valve	2	EA	\$ 2,562.74	\$ 5,125.48
80		306	6" POC in existing Street	2	EA	\$ 6,952.11	\$ 13,904.21

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
81		306	6" POC in existing Sidewalk	1	EA	\$2,928.06	\$ 2,928.06
82		306	208th Street 6" PVC PIPE	60	LF	\$ 63.25	\$ 3,795.03
83		306	208th Street 6" GATE VALVE	2	EA	\$2,562.74	\$ 5,125.48
<del>84</del>	<del>-</del>	<del>306</del>	<del>6" DI Pipe, CL-350</del>	<del>60</del>	<del>-LF</del>	<del>\$</del>	<del>-\$ DELETED</del>
85		306	208th Street POC 6"/8" in existing street	1	EA	\$6,952.11	\$ 6,952.11
86		306	Thrust Block	12	EA	\$322.80	\$ 3,873.55
87		306	208th Street Thrust Block	7	EA	\$322.80	\$ 2,259.57
88		306	Air Release Blow Off	2	EA	\$10,716.60	\$ 21,433.21
89		306	Fire Hydrant Assembly	3	EA	\$6,734.00	\$ 20,202.01
90		306	Remove Existing Fire Hydrant	2	EA	\$7,117.87	\$ 14,235.73
<b>C-2015 SIGNAGE AND STRIPING - 208TH STREET</b>							
91	-	314, 317	Signage and Striping - 208th Street	1	LS	\$2,726.32	\$ 2,726.32
<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	37,631.16 <del>\$</del> (25)	263,418.12 <del>\$</del> (25)
<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	\$29,862.98	\$ 29,862.98
94	-	Per Std.	Manhole per SPPWC Std. Plan No. 200	3	EA	\$12,551.96	\$ 37,655.88
95	-	306	6" VCP WYE (6"x8")	6	EA	\$242.10	\$ 1,452.58
96	-	306	8" VCP, Trenching per City of Torrance Std. plan T116 and bedding per City of Torrance Std. plan T204	703	LF	\$ 150.49	\$ 105,796.35
97	-	306	6" VCP, Trenching per City of Torrance Std. plan T116 and bedding per City of Torrance Std. plan T204.	198	LF	\$ 76.34	\$ 15,114.70

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
98	-	306	8" VCP Cap	1	EA	\$16.36	\$ 16.36
99	-	306	6" VCP Cap	6	EA	\$ 12.00	\$ 71.97
<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	\$ 5.18	\$ 56,487.07
101	-	300-1	Removal of Fence & post	840	LF	\$ 3.82	\$ 3,204.60
102	-	300-1	Temporary Removal/Replacement of Property line Chainlink Fence & Gate	786	LF	\$ 5.55	\$ 4,362.11
103	-	300-1.1	Clearing/Grubbing/Rough grade/Demolition	1	LS	\$21,800.00	\$ 21,800.00
104	-	300-5.2	Import Roadway Fill, delivered to site.	10,000	CY	\$ 16.90	\$ 168,950.00
105	-	305.2	Import - Process and compacted in place	10,000	CY	\$ 3.82	\$ 38,150.00
106	-	303-6.1, 301-2	11 in Thick Concrete Pavement on CMB	44,947	SF	\$ 13.87	\$ 623,482.24
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	\$ 41.77	\$ 67,036.31
108	-	800-1	Parkway per landscape plans	2,798	SF	\$ 12.66	\$ 35,430.12
109	-	303-5.1, 301-2	3 1/2" Thick Concrete Sidewalk per City of Torrance standard T103 on CMB	3,277	SF	\$ 9.30	\$ 30,483.28
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	\$ 13.66	\$ 27,711.20
111	-	303-5.1, 301-2	Construct longitudinal concrete gutter per SPPWC 122 on CMB	496	SF	\$ 10.61	\$ 5,262.97
112	-	303-5.1, 301-2	<b>Curb with Depressed Access for Wheelchair per ADA Requirements on CMB</b>	55	LF	\$ 27.73	\$ 1,525.27



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	\$ 14.18	\$ 2,877.90
114	-	302-5, 301-2	4 in Thick A.C. Pavement on CMB	2,931	SF	\$ 5.45	\$ 15,981.67
<b>WP-301 WATER PLAN AND PROFILE - 208TH STREET</b>							
115	-	306	8" DI Pipe, CL 350	915	LF	\$ 130.86	\$ 119,739.82
116	-	306	6" DI Pipe, CL 350	262	LF	\$ 68.70	\$ 18,000.23
117	-	306	8" Gate Valve	15	EA	\$ 3,640.18	\$ 54,602.67
118	-	306	Fire Hydrant Assembly	5	EA	\$ 6,917.21	\$ 34,586.05
119	-	306	6" DI, 90° Elbow	1	EA	\$ 660.86	\$ 660.86
120	-	306	8" DI, 90° Elbow	1	EA	\$ 846.25	\$ 846.25
121	-	306	8"x8"x6" M.J Tee	9	EA	\$ 697.94	\$ 6,281.43
122	-	306	Thrust Block	1	LS	\$ 1,611.80	\$ 1,611.80
123	-	306	2" Meter & 2" PVC Service Line w/ Connection to 8" DIP	6	EA	\$ 5,847.40	\$ 35,084.42
124	-	306	6" Cap w/Mega Lug & Blow-off	6	EA	\$ 3,259.58	\$ 19,557.50
125	-	306	8"x6" Reducer	1	EA	\$ 724.11	\$ 724.11
126	-	306	12" Hot Tap Assembly	1	EA	\$ 20,314.33	\$ 20,314.33
127	-	308-6	90 Day Plant Establishment and Landscape Maintenance Period	1	LS	\$ 18,314.30	\$ 18,314.30
128	-	-	Utility Coordination Allowance	1	ALW	\$ 225,000	\$ 225,000

TOTAL BASE BID PRICE \$ 22,680,898.00  
(Figures)\*

TOTAL BASE BID PRICE: Twenty two million six hundred eighty thousand eight hundred ninety eight dollars  
(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**

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
25A	DIV 11	-	Equipment (ONLY Section 11 5233 and Exhibit 11 5233A)	1	LS	\$214,615.64	\$ 214,615.64

**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.**

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
25B	11 5200	-	Training Room and Conference Room AV Systems	1	LS	\$183,208.47	\$ 183,208.47
25C	11 5200	-	Paging Systems	1	LS	\$104,690.55	\$ 104,690.55
25D	11 5200	-	Television Systems	1	LS	\$ 12,650.11	\$ 12,650.11
25E	11 5200	-	Conference Room Digital Media Receptacles and Control	1	LS	\$12,432.00	\$ 12,432.00
25F	11 5200	-	AV Annual Maintenance	5	YR	\$106,871.61	\$106,871.61

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

**BIDDER'S SUBMITTAL (Continued) B2017- 39**

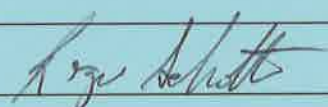
The undersigned has read the contract and taking no exception, furthermore agrees to enter into and execute a contract, with necessary bonds, at the unit prices set forth herein and in case of default in executing such contract, with necessary bonds, the check or bond accompanying this bid and the money payable thereon shall be forfeited thereby to and remain the property of the City of Torrance.

The above unit prices include all work appurtenant to the various items as outlined in the Specifications and all work or expense required for the satisfactory completion of said items. In case of discrepancies between unit prices and totals, the unit prices shall govern.

The undersigned declares that it has carefully examined the full-size 30" x 42" (Transit site) Plans and accompanying 24" x 36" (Offsite Improvement) Plans, the Specifications (Volume 1) and Project Manual (Volume 2) and Contract Documents, and has investigated the site of the work and is familiar with the conditions thereon.

Contractor: S.J. Amoroso Construction Co., Inc.

Date: November 22, 2017 By: Roger Schotter



Contractor's State License No. 331024 Class A, B

Contractor's DIR Registration No. : 1000000202

Address: 275 East Baker Street, Suite B, Costa Mesa, CA 92626

Phone: (714) 433-2326

Email: rschotter@sjamoroso.com

Fax: (714) 433-2329

**ACKNOWLEDGMENT OF ADDENDA RECEIVED – B2017-39**

The Bidder must acknowledge the receipt of addenda by placing an "X" by each addendum received.

Addendum No. 1   X  

Addendum No. 2   X  

Addendum No. 3   X  

Addendum No. 4   X  

Addendum No. 5       

Addendum No. 6       

Addendum No. 7       

Addendum No. 8       

If an addendum or addenda have been issued by the City and not noted above as being received by the Bidder, the Bid Proposal may be rejected.

  
\_\_\_\_\_  
Bidder's Signature

November 22, 2017  
Date



**CONTRACTOR'S AFFIDAVIT (CONTINUED) - B2017-39**

7. That the Contractor did not, directly or indirectly, submit the Contractor's bid price or any breakdown thereof, or the contents thereof, or divulge information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any individual or group of Individuals, except to the City of Torrance, or to any person or persons who have a partnership or other financial interest with said Contractor in its business.

Dated this 22nd day of November, 2017.

Subscribed and Sworn to  
before me this 22nd day  
of November, 2017.

S.J. Amoroso Construction Co., Inc.  
(Contractor)  
Roger Schmitt Chief Estimator  
(Title)

See attached  
Notary Public in and for said  
County and State.  
(Seal)

**CALIFORNIA JURAT WITH AFFIANT STATEMENT**

**GOVERNMENT CODE § 8202**

- See Attached Document (Notary to cross out lines 1-6 below)
- See Statement Below (Lines 1-6 to be completed only by document signer[s], *not* Notary)

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

*Signature of Document Signer No. 1*                      *Signature of Document Signer No. 2 (if any)*

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
 County of Orange

Subscribed and sworn to (~~or affirmed~~) before me  
 on this 22nd day of November, 2017,  
 by                      *Date*                      *Month*                      *Year*  
 (1) Roger Schotter

(and (2) \_\_\_\_\_),  
*Name(s) of Signer(s)*



proved to me on the basis of satisfactory evidence  
 to be the person(s) who appeared before me.

Signature *[Handwritten Signature]*  
*Signature of Notary Public*

*Seal*  
 Place Notary Seal Above

**OPTIONAL**

*Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.*

**Description of Attached Document**

Title or Type of Document: Contractor's Affidavit                      Document Date: November 22, 2017  
 Number of Pages: One    Signer(s) Other Than Named Above: No other signers

### LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: Pacific Steel Group

Subcontractor's Address: 4805 Murphy Canyon Rd, San Diego, CA 92123

Specific Description of Sub-Contract: Rebar

Subcontract Dollar Value: \$ 218,151

License Number: 997880 CA License Classification/Type: C50

DIR Registration Number: 1000004101

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: Winegardner Masonry, Inc

Subcontractor's Address: 32147 Dunlap Blvd., Yucaipa, CA 92399

Specific Description of Sub-Contract: Masonry

Subcontract Dollar Value: \$ 676,700

License Number: 390895 CA License Classification/Type: C29

DIR Registration Number: 1000001526



### LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: Corona Stud & Deck, LLC

Subcontractor's Address: 3015 106<sup>th</sup> Street South, Lakewood, WA 98499

Specific Description of Sub-Contract: Steel Decking

Subcontract Dollar Value: \$ 111,007

License Number: 983057 CA License Classification/Type: C51

DIR Registration Number: 1000053160

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

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Name Under Which Subcontractor is Licensed: EW Corporation Industrial Construction

Subcontractor's Address: PO Box 2189, El Centro, CA 92244

Specific Description of Sub-Contract: Steel

Subcontract Dollar Value: \$1,364,980

License Number: 703392 CA License Classification/Type: C51

DIR Registration Number: 1000012234

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: Courtney Inc

Subcontractor's Address: 16781 Millikan Ave., Irvine, CA 92606

Specific Description of Sub-Contract: Roofing

Subcontract Dollar Value: \$208,840

License Number: 699236 CA License Classification/Type: C8, C61, D12, C33, C39

DIR Registration Number: 1000007792

**LIST OF SUBCONTRACTORS: B2017-39**

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Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: Weiss Sheet Metal Company

Subcontractor's Address: 1715 West 135<sup>th</sup> Street, Gardena, CA 90249

Specific Description of Sub-Contract: **Sheet Metal / Metal Panels**

Subcontract Dollar Value: \$548,772

License Number: 139335 CA License Classification/Type: C43, C17

DIR Registration Number: 1000000486

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

**LIST OF SUBCONTRACTORS: B2017-39**

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Name Under Which Subcontractor is Licensed: K + Z Cabinet Co., Inc

Subcontractor's Address: 1450 South Grove Ave., Ontario, CA 91761

Specific Description of Sub-Contract: Casework

Subcontract Dollar Value: \$ 126,355

License Number: 319196 CA License Classification/Type: C6

DIR Registration Number: 1000000291

Name Under Which Subcontractor is Licensed: Huntington Glazing Inc.

Subcontractor's Address: 4800 South Huntington Drive, Los Angeles, CA 90032

Specific Description of Sub-Contract: Glass + Glazing

Subcontract Dollar Value: \$ 702,400

License Number: 481983 CA License Classification/Type: C17

DIR Registration Number: 1000006329

Name Under Which Subcontractor is Licensed: [REDACTED] RS

Subcontractor's Address: [REDACTED] RS

Specific Description of Sub-Contract: Glass and Glazing RS

Subcontract Dollar Value: [REDACTED] RS

License Number: [REDACTED] RS CA License Classification/Type: [REDACTED] RS

DIR Registration Number: [REDACTED] RS

### LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: Brady Company

Subcontractor's Address: P.O. Box 470, Anaheim, CA 92815

Specific Description of Sub-Contract: Lath, Plaster, Studs, Drywall

Subcontract Dollar Value: \$ 917,521

License Number: 735258 CA License Classification/Type: C2, C9, C33, C35, B

DIR Registration Number: 1000008620

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

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Name Under Which Subcontractor is Licensed: J. Colavin + Son Inc. A California Corporation

Subcontractor's Address: 5323 Alhambra Avenue, Los Angeles, CA 90032

Specific Description of Sub-Contract: Tile

Subcontract Dollar Value: \$201,520

License Number: 260803 CA License Classification/Type: C15, C54

DIR Registration Number: 1000001458

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: ~~\_\_\_\_\_~~ PS

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

### LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: ~~Painting~~ RS \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

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Name Under Which Subcontractor is Licensed: Borbon Incorporated

Subcontractor's Address: 7312 Walnut Avenue, Buena Park, CA 90620

Specific Description of Sub-Contract: Painting

Subcontract Dollar Value: \$ 235,805

License Number: 351557 CA License Classification/Type: C33

DIR Registration Number: 1000002552

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: Fusion Sign + Design Inc

Subcontractor's Address: 680 Columbia Ave, Riverside, CA 92507

Specific Description of Sub-Contract: Signage

Subcontract Dollar Value: \$ 366,874

License Number: 894662 CA License Classification/Type: C61, D42, C45, C61 D03

DIR Registration Number: 1000010891



### LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: First Fire Systems Inc.

Subcontractor's Address: 5947 Burchard Avenue, Suite 200, Los Angeles, CA 90034

Specific Description of Sub-Contract: **Audio Visual - Alternates Only**

Subcontract Dollar Value: \$ 581,800

License Number: 541227 CA License Classification/Type: C10, C7, B

DIR Registration Number: 1000005821

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

**LIST OF SUBCONTRACTORS: B2017-39**

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Name Under Which Subcontractor is Licensed: Mitsubishi Electric US Inc.

Subcontractor's Address: 5900-A Katella Avenue, Cypress, CA 90630

Specific Description of Sub-Contract: Elevator

Subcontract Dollar Value: \$125,000

License Number: 791291 CA License Classification/Type: C11

DIR Registration Number: 1000009624

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: Apex Fire Protection

Subcontractor's Address: 2155 Verdugo Blvd. #220, Montrose, CA 91020

Specific Description of Sub-Contract: Fire Sprinklers

Subcontract Dollar Value: \$157,300

License Number: 830028 CA License Classification/Type: C16

DIR Registration Number: 1000006088

### LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: Paul J. Construction Corp.

Subcontractor's Address: 29521 Ynez Road, Temecula, CA 92592

Specific Description of Sub-Contract: Plumbing

Subcontract Dollar Value: \$ 300,130

License Number: 865017 CA License Classification/Type: C36

DIR Registration Number: 10000 33348

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

### LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: Scorpio Enterprises DBA Air-Masters Air Conditioning

Subcontractor's Address: 12556 McCann Drive, Santa Fe Springs, CA 90670

Specific Description of Sub-Contract: Heating Ventilating & Air Conditioning

Subcontract Dollar Value: \$ 422,000

License Number: 315631 CA License Classification/Type: C20

DIR Registration Number: 1000001582

Name Under Which Subcontractor is Licensed: Comet Electric Inc

Subcontractor's Address: 21625 Prairie Street, Chatsworth, CA 91311

Specific Description of Sub-Contract: Street + Traffic Lighting

Subcontract Dollar Value: \$693,237

License Number: 681827 CA License Classification/Type: A, B, C10

DIR Registration Number: 1000005203

Name Under Which Subcontractor is Licensed: Tri-Power Electric, Inc.

Subcontractor's Address: 1211 N. La Loma Circle, Anaheim, CA 92806

Specific Description of Sub-Contract: Electrical

Subcontract Dollar Value: \$ 1,995,000

License Number: 723185 CA License Classification/Type: C10

DIR Registration Number: 1000001386

**LIST OF SUBCONTRACTORS: B2017-39**

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Name Under Which Subcontractor is Licensed: First Fire Systems Inc.

Subcontractor's Address: 5947 Burchard Avenue, Suite 200, Los Angeles, CA 90034

Specific Description of Sub-Contract: Low Voltage.

Subcontract Dollar Value: \$ 246,700

License Number: 541227 CA License Classification/Type: C10, C7, B

DIR Registration Number: 1000065821

Name Under Which Subcontractor is Licensed: Howard Contracting Inc.

Subcontractor's Address: 12354 Carson St., Hawaiian Gardens, CA 90716

Specific Description of Sub-Contract: **Earthwork**

Subcontract Dollar Value: \$ 795,417

License Number: 466400 CA License Classification/Type: A, C12, C21, HAZ, ASB

DIR Registration Number: 1000006979

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

### LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: Terra Pave Inc

Subcontractor's Address: 12115 Rivera Rd, Whittier, CA 90606

Specific Description of Sub-Contract: **AC Paving**

Subcontract Dollar Value: \$ 367,404

License Number: 456836 CA License Classification/Type: A, C12

DIR Registration Number: 1000000807

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: Granitex Construction Co., Inc.

Subcontractor's Address: 185 E. Paularino Ave., Suite D, Costa Mesa, CA 92626

Specific Description of Sub-Contract: **Site Concrete**

Subcontract Dollar Value: \$ 3,764,596

License Number: 624608 CA License Classification/Type: A, B

DIR Registration Number: 1000003239

### LIST OF SUBCONTRACTORS: B2017-39

The Bidder is required to fill in the following blanks in accordance with the provisions of the California Public Contract Code Sections 4100-4114, CHAPTER 4. SUBLETTING AND SUBCONTRACTING. The contractor, sub recipient or subcontractor must not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor must carry out applicable requirements of Title 49 CFR (Code of Federal Regulations) part 26 in the award and administration of US DOT assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the recipient deems appropriate. Each subcontract signed by the bidder must include this assurance. Failure of the bidder to fulfill the requirements of the Special Provisions for submittals required to be furnished after bid opening, including but not limited to escrowed bid documents, where applicable, may subject the bidder to a determination of the bidder's responsibility in the event it is the apparent low bidder on a future public works contracts. Bidder must copy this form as required to list all applicable subcontractors.

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: Iron Work Industries Inc

Subcontractor's Address: 2112 S. Santa Fe St., Santa Ana, CA 92705

Specific Description of Sub-Contract: Fencing

Subcontract Dollar Value: \$ 265,750

License Number: 942016 CA License Classification/Type: C23, C51

DIR Registration Number: 100024364

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

### LIST OF SUBCONTRACTORS: B2017-39

The Bidder is required to fill in the following blanks in accordance with the provisions of the California Public Contract Code Sections 4100-4114, CHAPTER 4. SUBLETTING AND SUBCONTRACTING. The contractor, sub recipient or subcontractor must not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor must carry out applicable requirements of Title 49 CFR (Code of Federal Regulations) part 26 in the award and administration of US DOT assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the recipient deems appropriate. Each subcontract signed by the bidder must include this assurance. Failure of the bidder to fulfill the requirements of the Special Provisions for submittals required to be furnished after bid opening, including but not limited to escrowed bid documents, where applicable, may subject the bidder to a determination of the bidder's responsibility in the event it is the apparent low bidder on a future public works contracts. Bidder must copy this form as required to list all applicable subcontractors.

Name Under Which Subcontractor is Licensed: [REDACTED] RS  
Subcontractor's Address: [REDACTED] CA [REDACTED] RS  
Specific Description of Sub-Contract: Landscaping RS  
Subcontract Dollar Value: [REDACTED] RS  
License Number: [REDACTED] RS CA License Classification/Type: [REDACTED] RS  
DIR Registration Number: [REDACTED] RS

Name Under Which Subcontractor is Licensed: Marina Landscape Inc.  
Subcontractor's Address: 3707 W. Garden Grove Blvd., Orange, CA 92868  
Specific Description of Sub-Contract: Landscaping  
Subcontract Dollar Value: \$670,163  
License Number: 492862 CA License Classification/Type: A, B, C27, C36, C61/D49, C61/D59  
DIR Registration Number: 1000000079

Name Under Which Subcontractor is Licensed: Bali Construction, Inc.  
Subcontractor's Address: 9852 E. Joe Vargas Way, So. El Monte, CA 91733  
Specific Description of Sub-Contract: Site Utilities  
Subcontract Dollar Value: \$995,872  
License Number: 524540 CA License Classification/Type: A, C36  
DIR Registration Number: 1000002713



Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Name Under Which Subcontractor is Licensed: \_\_\_\_\_

Subcontractor's Address: \_\_\_\_\_

Specific Description of Sub-Contract: \_\_\_\_\_

Subcontract Dollar Value: \_\_\_\_\_

License Number: \_\_\_\_\_ CA License Classification/Type: \_\_\_\_\_

DIR Registration Number: \_\_\_\_\_

Subcontractors listed must be properly licensed under the laws of the State of California for the type of work which they are to perform. Do not list alternate subcontractors for the same work.

Subcontractors that must be listed are those that will perform work in an amount in excess of ½ of 1 percent of the total bid or \$10,000, whichever is greater. (Pub Cont Code SS 4100 et seq.)

The Bidding Contractor must include each subcontractor's contract license number (AB 44). An inadvertent error in listing the subcontractor's license number shall not be grounds for filing a bid protest, or grounds for considering the bid nonresponsive, if the corrected contractor's license number is submitted to the public entity by the prime contractor within 24 hours after the bid opening – provided that the corrected license number corresponds to the submitted name and location of the subcontractor.

## REFERENCES (Page 1 of 2) - B2017-39

List work similar in magnitude and degree of difficulty completed by the Contractor within the past three (3) years. Additionally provide other information requested in instructions to bidders section above and the section below.

1. Name (Firm/Agency): The Regents of the University of California  
Address: 1060 Veteran Avenue, Los Angeles, CA 90095  
Contact Person: Will Chung Telephone No.: (310) 267-4018  
Email Address: wchung@capnet.ucla.edu  
Title of Project: UCLA Engineering VI Lab Building  
Project Location: 404 Westwood Plaza, Los Angeles, CA 90095  
Duration of Construction: 853 days  
Date of Completion: August 30, 2015 Contract Amount: \$ 46,684,954
  
2. Name (Firm/Agency): Port of Los Angeles, Engineering Division  
Address: 425 S. Palos Verdes Street, San Pedro, CA 90733  
Contact Person: Donna Enfiajian Telephone No.: (310) 386-7231  
Email Address: denfiajian@portla.org  
Title of Project: Rear Berths 136-139 Terminal Building & Main Gate  
Project Location: 1450 W. Harry Bridges Blvd., Wilmington, CA 90744  
Duration of Construction: 880 days  
Date of Completion: September 25, 2015 Contract Amount: \$ 66,003,646
  
3. Name (Firm/Agency): Los Angeles METRO  
Address: One Gateway Plaza, Los Angeles, CA 90012  
Contact Person: Mat Antonelli Telephone No.: (213) 893-7114  
Email Address: antonelli@metro.net  
Title of Project: Blue Line Station Refurbishments  
Project Location: Office Location: 11804 Woodruff Ave., Downey, CA 90241  
Duration of Construction: 638 days  
Date of Completion: November 13, 2015 Contract Amount: \$ 20,146,649
  
4. Name (Firm/Agency): Metropolitan Water District of Southern California  
Address: 19760 Seaton Avenue, Perris, CA 92570  
Contact Person: Shawn McKnight Telephone No.: (951) 404-6420  
Email Address: smcknight@mwdh2o.com  
Title of Project: Chemical Unloading Facility  
Project Location: 19760 Seaton Avenue, Perris, CA 92570  
Duration of Construction: 740 days  
Date of Completion: January 30, 2017 Contract Amount: \$ 22,938,845

**REFERENCES (PAGE 2 OF 2) - B2017-39**

If Contractor has not performed work for the City of Torrance within the last five (5) years, list all work done within said five years (attach additional sheets if necessary). Note if work was done as subcontractor [include only subcontract amount]:

Work Description & Contract Amount	Agency and Contact Information	Date Completed
See attached	See attached	See attached

Contractor's License No.: 331024 Class: A, B

Contractor's DIR Registration No.: 1000000202

a. Date first obtained: February 4, 1977 Expiration: April 30, 2019

b. Has License ever been suspended or revoked? No

If yes, describe when and why: N/A

c. Any current claims against License or Bond? No

If yes, describe claims: N/A

Principals in Company (List all – attach additional sheets if necessary):

NAME	TITLE (If Applicable)	LICENSE NO.
<u>See attached meeting minutes</u>	_____	_____
_____	_____	_____
_____	_____	_____

**REFERENCES (PAGE 2 OF 2) - B2017-39**

If Contractor has not performed work for the City of Torrance within the last five (5) years, list all work done within said five years (attach additional sheets if necessary). Note if work was done as subcontractor (include only subcontract amount):

PROJECT NAME	WORK DESCRIPTION	CONTRACT AMOUNT	AGENCY	AGENCY CONTACT INFORMATION	DATE COMPLETED
Sharon Heights Golf & Country Club	General Contractor	\$6,770,714	Sharon Heights Golf & Country Club	Bob Glockner, 650-854-9295	6/20/2016
Scripps College New Residence Hall	General Contractor	\$21,627,355	Scripps College	Donna Mg, 909-621-8200	8/10/2016
South Region High School #8	General Contractor	\$76,532,203	Los Angeles Unified School District	Richard Nguyen, 213-241-4652	6/15/2017
Rinconada Water Treatment Plant	General Contractor	\$8,558,941	Santa Clara County Water District	Christopher Hakes, 408-630-3796	8/1/2016
East Contra Costa BART Extension (eBart)	General Contractor	\$83,677,000	BART	Andy Kleiber, 510-774-6952	6/1/2017
Blue Line Station Refurbishments	General Contractor	\$20,146,649	Los Angeles METRO	James Wei, 213-922-7528	11/13/2015
Emerson Middle School Redevelopment Project	General Contractor	\$15,174,837	Los Angeles Unified School District	Alex Furer, 213-248-0279	12/11/2015
Palo Alto Main Library	General Contractor	\$18,237,414	City of Palo Alto	Young Tran, 650-329-2160	9/30/2014
Industry & Technology Building Modernization	General Contractor	\$26,328,703	El Camino Community College District	Bob Bradshaw, 310-660-3593 x 3693	12/29/2014
Foothill College Moderniation	General Contractor	\$11,988,204	Foothill-DeAnza Community College District	Art Heinrich, 650-222-6476	7/15/2014
Los Medanos Student Services Building	General Contractor	\$17,001,787	Contra Costa Community College District	Ben Azarnoush, 925-229-6844	12/25/2014
Rear Berths 136-139 Terminal Buildings & Main Gate	General Contractor	\$66,003,646	Port of LA, Engineering Division	Donna Enfajian, 310-386-7231	9/25/2015
Rio Hondo College Physical Education Facility	General Contractor	\$10,521,546	Liberty Mutual Ins. (Rio Hondo College)	Jim Brooks, (949) 510-2455	8/31/2013
Irvine Valley College Life Science Building	General Contractor	\$9,027,585	Liberty Mutual Ins. (South Orange County CCD)	Brandye D'Lena, 949-348-602	5/1/2013
Capistrano Valley H.S. Performing Arts Theater	General Contractor	\$8,150,910	Liberty Mutual Ins. (Capistrano Unified SD)	Joey Farley, 949-234-9436	3/31/2013
UCLA Engineering VI Lab Building	General Contractor	\$46,684,954	The Regents of the University of California	Will Chung, 310-267-4018	8/30/2015
North OPS & IT Management Building @Pier E	General Contractor	\$14,773,296	Port of Long Beach	Eric Paulson, 562-283-7375	12/25/2013
Sutro Reservoir Rehabilitation & Seismic Upgrade	General Contractor	\$28,696,338	San Francisco Public Utilities Commission	Thomas Jang, 415-412-7209	7/27/2015
ADA Upgrades B Central Regions	General Contractor	\$7,064,551	Los Angeles Unified School District	Ken Arrington, 909-904-8442	12/17/2012
ADA Upgrades B Valley Regions	General Contractor	\$7,327,173	Los Angeles Unified School District	Ken Arrington, 909-904-8442	12/17/2012
Jordan M.S. Modernization & New Construction	General Contractor	\$14,537,931	Palo Alto Unified School District	Robert Golton, 650-329-3980	8/1/2013
New Maintenance Facilities at 725 Harbor Plaza	General Contractor	\$35,260,411	Parsons	Richard Panos, 562-283-7606	3/4/2014
Oakland Airport Tank Farm	General Contractor	\$8,767,279	Southwest Airlines	Jean McKinney, 214-792-3754	5/5/2013
San Leandro Water Pollution Control Plant	General Contractor	\$42,341,963	City of San Leandro	Kevin Chun, 510-577-3412	12/4/2015
UC Santa Barbara Arts Building	General Contractor	\$14,185,164	The Regents of the University of California	Steve Eggemeyer, 805-893-4941	1/1/2013

**VIOLATIONS OF FEDERAL, STATE OR LOCAL LAWS  
B2017-39**

Contractor: S.J. Amoroso Construction Co., Inc.

1. Has your firm or its officers been assessed any penalties by an agency for noncompliance or violations of Federal, State or Local labor laws and/or business or licensing regulations within the past five (5) years relating to your construction projects?

Yes/No:           No           Federal/State:           N/A          

If "yes," identify and describe, (including agency and status):           N/A          

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Have the penalties been paid? Yes/No:           N/A          

2. Does your firm or its officers have any ongoing investigations by any public agency regarding violations of the State Labor Code, California Business and Professions Code or State Licensing Laws?

Yes/No:   No   Code/Laws:           N/A           Section/Article:           N/A          

If "yes," identify and describe, (including agency and status):           N/A          

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**DISQUALIFICATION OR DEBARMENT**  
**B2017-39**

Contractor: S.J. Amoroso Construction Co., Inc.

Has your firm, any officer of your firm, or any employee who has a proprietary interest in your firm ever been disqualified, removed, or otherwise prevented from bidding on, performing work on, or completing a federal, state or local project because of a violation of law or a safety regulation? Yes/No: No. If yes, provide the following information (if more than once, use separate sheets):

Date: N/A Entity: N/A

Location: N/A

Reason: N/A

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Provide Status and any Supplemental Statement: N/A

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Has your firm been reinstated by this entity? Yes/No: N/A



# Torrance Transit Park and Ride Regional Terminal

## Bidder's Submittal Forms

### Required Additional Bid Documents



The below section includes the following required information:

9. Proposed Project Team with Organizational Chart
10. Project Team's resumes
11. Company's and Project Team's LEED experience
12. Similar projects

S.J. Amoroso Construction Co., Inc.  
275 E. Baker St., Suite B  
Costa Mesa, CA 92626  
T. (714) 433-2326  
F. (714) 433-2329  
[www.sjamoroso.com](http://www.sjamoroso.com)

PT Proposed Project Team



City of Torrance

Architect of Record

Inspector on Record

CEO

**Dana McManus**

President, Southern California

**Brian DerMatoian**

Project Executive

**Kim Altamirano**

Regional Safety Manager

**Mike Jackman**

Superintendent

PT **Mike Rodriguez**

Project Manager

PT **Amy Trevisan**

Project Engineer

PT **Raymond Aludino**

Scheduler

PT **Hugo Colima**



# Amy Trevisan

Project Manager | 10 Years of Experience



**Education**  
Bachelor of Science and  
Masters,  
Construction Management  
California State University  
Chico

**Certifications**  
LEED AP, QSP, OSHA 30,  
CPR & First Aid

**Employer History**  
S.J. Amoroso Construction  
Co., Inc.  
Project Manager  
2007 - Present

**References**  
Los Angeles Unified School  
District OAR  
Richard Camacho  
(213) 248-0571

Los Angeles Unified School  
District  
Ray Gartsman  
(818) 765-3293

## ROLES & RESPONSIBILITIES

As Project Manager, Amy's 10 years of experience incorporates the application and supervision of all jobsite activities. Over this time she has built an impressive portfolio of public works and educational projects which enable her to effectively navigate through regulatory agencies such as DSA and OSHPD. Some of her duties will include: leadership in connection with strategic planning, project schedule review and management, timely submission of subcontracts, monthly cost report review, account change approval, and supplier and subcontractor invoice review.

Amy has been actively involved in commercial construction management including new construction as well as remodeling, working closely with architects, engineering staff, subcontractors, inspectors and vendors.

## PREVIOUS PROJECT EXPERIENCE

South Region High School No. 8, Los Angeles Unified School District  
Maywood, CA | \$81.2 M | January 2015 - August 2017

The campus is located on 9.24 acres and contains 45 classrooms. There are three small learning communities that each include classrooms, science labs, library, multi-purpose building with a stage, food service area with a lunch shelter, and administrative offices. These small learning communities share the gymnasium, playfields, parking and neighborhood clinic facilities.

North OPS & IT Management Building (LEED Gold), Port of Long Beach  
Long Beach, CA | \$14.8 M | September 2012 - December 2013

The North Operations & IT Management Building is a 32,135 sq. ft., 4-story, LEED Gold building. The project consists of site grading, sewer and water distribution systems and storm drainage. The Building façade is comprised of metal panels and curtain wall systems. HVAC and electrical units have been installed under the access flooring on the second and third floors of the building.

New Maintenance Facilities (LEED Gold), Port of Long Beach  
Long Beach, CA | \$35.2 M | January 2012 - September 2012

This LEED Gold project for the Port of Long Beach included a new, 56,500 sq. ft., 2-story maintenance building, vehicular maintenance facilities, offices and meeting rooms. In addition, it included 49,300 sq. ft., covered exterior storage canopy with photovoltaic panels, and a vehicle canopy and wash structure with a 30,900 sq. ft. fuel station. In addition to these structures, the project included demolition and replacement of an existing asphalt parking lot and 160,000 sq. ft. of new landscape.

# Mike Rodriguez

Project Superintendent | 27 Years of Experience

## ROLES & RESPONSIBILITIES

Mike has more than 20 years of experience in the construction industry completing numerous projects for public works entities and school districts throughout the Los Angeles area. His area of expertise is in general management, administration, operations, safety management and technical skills. Mike will be responsible for the direct supervision, coordination and control of all construction activities for his assigned project. He will be the liaison between the field personnel, subcontractors and suppliers, and will coordinate all aspects of site procedures and systems.

### Education

High School Diploma,  
Bishop Amat High School

### Certifications

OSHA 30, CPR & First Aid

### Employer History

S.J. Amoroso Construction  
Co., Inc.  
Superintendent  
2012 - Present

### FTR International

Superintendent  
1996 - 2012

### AAD/AKD

Carpenter Foreman  
1994 - 1996

### Tutor Saliba Corp.

Carpenter Foreman  
1990 - 1994

### References

Simplus Management  
Paul Buckley  
(562) 743-9400

### Hyperelectric Co.

Reza Fard  
(714) 404-1000

## PREVIOUS PROJECT EXPERIENCE

South Region High School No. 8, Los Angeles Unified School District  
Maywood, CA | \$81.2 M | May 2015 - October 2017

The campus is located on 9.24 acres and contains 45 classrooms. There are three small learning communities that each include classrooms, science labs, library, multi-purpose building with a stage, food service area with a lunch shelter, and administrative offices. These small learning communities shares the gymnasium, playfields, parking and neighborhood clinic facilities.

Rear Berths 136-139 Main Gate & Backland Improvements (LEED Gold), Port of Los Angeles  
Los Angeles, CA | \$68.9 M | February 2013 - April 2015

This multi-phased project consisted of eight separate structures spread across approximately 47 acres. All of the took place within a fully operational terminal at the Port of Los Angeles (POLA). There were constant non-construction related trucks and vehicles passing in, out and through the sites, as well as four other construction projects concurrently being built adjacent to ours. This required constant coordination between Amoroso and other general contractors, as well as the Port representatives and their clients that had operations occurring within the terminal.

ADA Modified Consent Decree, Los Angeles Unified School District  
Los Angeles, CA | \$27.8 M | November 2012 - December 2012

Adaptations of 28,000 ADA defects on eighty individual school sites comprised the LAUSD ADA Modified Consent Decree project. Precise coordination and communication with each individual campus' staff helped to facilitate a seamless transition without disrupting classes or endangering students.

# Raymond Aludino

Project Engineer | 2 Years of Experience

## ROLES & RESPONSIBILITIES

As project engineer, Raymond will serve as the primary support for the project manager and the superintendent. He supports all aspects of construction planning, scheduling, document control and all owner and subcontractor relations. Raymond's team-player attitude and organizational skills lend well to his daily activities on the jobsite which include managing flow of information, document control, processing billings and change orders and subcontractor management. With a two-year collegiate focus in mechanical engineering, Raymond will be an instrumental fit for the City of Torrance Transit Park and Ride Regional Terminal project.

### Education

Bachelor of Science,  
Structural Engineering  
University of California,  
San Diego

Mechanical Engineering  
University of California,  
Riverside

### Certifications

E.I.T., CPR & First Aid

### Employer History

S.J. Amoroso Construction  
Co., Inc.  
Project Engineer  
2016 - Present

California State University,  
San Bernardino  
Project Engineer  
2016 - 2016

Caltrans  
Engineering Intern  
2015 - 2015

### References

Caltrans  
Adam Siddiqui  
(949) 724-2807  
adam.u.siddiqui@dot.ca.gov

Fs3 | Hodges  
Garrett Terlaak  
(714) 864-8186  
garrett@fs3h.com

## PREVIOUS PROJECT EXPERIENCE

South Region High School No. 8, Los Angeles Unified School District  
Maywood, CA | \$81.2 M | June 2017 - October 2017

The campus is located on 9.24 acres and contains 45 classrooms. There are three small learning communities that each include classrooms, science labs, library, multi-purpose building with a stage, food service area with a lunch shelter, and administrative offices. These small learning communities shares the gymnasium, playfields, parking and neighborhood clinic facilities.

Parking Lot N, California State University San Bernardino  
San Bernardino, CA | \$4.6 M | January 2016 - September 2016

Parking Lot N is a new, 1,254-space surface parking lot located in the northern portion of campus. The parking lot will provide additional spaces as well as replace existing Lot E for the new Student Housing and Dining Commons project. Twenty-eight accessible spaces will be located on the south edge of Lot N closest to campus. The project has many sustainable features, including Bio Swales for on-site storm water management, LED lighting, infrastructure for future solar panels and 26 changing stations will provide plug-in power for electrical vehicles.

Student Housing & Dining Commons ,California State University San Bernardino  
San Bernardino, CA | \$73.0 M | January 2016 - September 2016

Project consisted of 407 Student Beds in Pod configurations based upon a 36:1 student/resident advisor ratio, nine Resident Staff beds, Support Spaces and Common Spaces totaling approximately 121,050 gross sq. ft., dining hall facility, retail/late night program and emporium/market space program totaling approximately 47,825 gross sq. ft., site work directly associated with the facilities, pedestrian enhancements and new Student Life Quadrangle.

# Hugo Colima

Scheduler | 4 Years of Experience

## ROLES & RESPONSIBILITIES

Hugo is the primary support person for the Project Manager and Superintendent. He supports all aspects of construction planning, scheduling, trade coordination, material acquisitions and inventory, quality control buyout, estimating, change orders, detailing, progress payments, safety, and obtaining public entity permits. He is experienced in schedule construction, cost/resource loading, updating in applications including Primavera and Digger, and is responsible for initiating and maintaining all site records and managing site logistics.

### Education

Bachelor of Science,  
Construction Management  
California State University  
Chico

### Certifications

OSHA 30, Crystalline Silica  
Training, Scaffolding, CPR &  
First Aid,

### Employer History

S.J. Amoroso Construction  
Co., Inc.  
Project Engineer  
2016 - Present

Performance Contracting  
Associate Project Engineer  
2015 - 2016

Richard Avelar & Associates  
Reconstruction Services  
Project Engineer Intern  
Summer 2014

Bycor General Contractors  
Superintendent's Assistant  
Summer 2013

Performance Contracting  
Project Engineer Intern  
Summer 2013

### References

Whiting-Turner Contracting  
Brizeyda Castillo  
(951) 236-7074

Clark Construction  
Brandon Wallace  
(530) 217-9775

## PREVIOUS PROJECT EXPERIENCE

DaVinci Hall Modernization, Los Angeles Community College  
Los Angeles, CA | \$17.6 M | November 2016 - Present

DaVinci Hall consists primarily of classroom and faculty office spaces and will be used to support City College Art, Architecture, Journalism, and Photography classes. The scope of the modernization effort includes extensive renovation of the basement, first, second and third floor of the 1962 vintage concrete structure of approximately 65,000 sq. ft. The modernization effort also includes work on building plumbing, electrical and mechanical systems and replacement of the HVAC components along with installation of new roofing. The modernization also includes renovation of various building components to meet ADA requirements and seismic retrofit and structural strengthening including footing and grade beams enhancement including excavation and backfill.

SFMOMA Expansion (LEED Gold), San Francisco Museum of Modert Art  
San Francisco, CA | \$245 M | January 2016 - September 2016

SFMOMA Expansion consisted of a ten-story addition to align with the existing five-story structure. The goal of the expansion was to double the size of the existing galleries by creating a seamless transition between the old and the new gallery spaces. The rear facade of the Botta building was removed and the existing veneer brick panels were carefully removed. The existing structural columns were demolished to create a 60-by-150 foot column-free gallery space for the museum. Structural hangers were installed to transfer the floor load to larger beams above in order to support these new large spans. The expansion was able to achieve LEED Gold certification with the aid of recycling gray water for irrigation of the vertical garden.

Highland Hospital Acute Tower Replacement, County of Alameda  
Oakland, CA | \$431 M | January 2016 - September 2016

Highland Hospital Acute Tower was phase two of a three phase project. Phase two entitled construction of a nine-story, 169-bed acute care tower. It was built above a below-grade central utility plant and features intensive care, medical/surgical beds, labor, delivery, neonatal intensive care, and miscellaneous diagnostic, treatment, and support functions. Highland Hospital Acute Tower has met LEED Silver certification. The project's sustainable components include innovative thermal storage that lowers energy costs by operating chillers at night to cool and store water. Exterior green screens provide transitions and wayfinding for patients and visitors, while cooling and shading the interiors.

## LEED Certifications

Company's and Project Team's LEED experience [2 LEED Gold Certified (New Construction/Major Renovation, 2009) projects of similar size and complexity, minimum]

PROJECT NAME	CERTIFICATION LEVEL	FINAL CONTRACT VALUE
East Contra Costa BART Extension	LEED Certified	\$83,677,000
Palo Alto Main Library	LEED Certified	\$18,237,414
Rear Berths 136 - 139 Main Terminal Bldgs. & Main Gate	LEED Gold	\$66,003,646
POLA Rear Berths 136-139 (TraPac Admin. Building)	LEED Gold	\$66,003,646
UCLA Engineering VI Lab Building Phase I	LEED Gold	\$46,684,954
<b>LG</b> POLB North OPS & IT Management Building	LEED Gold	\$14,773,296
POLB Maintenance Building	LEED Gold	\$35,260,411
Henry Gunn High School	LEED Certified	\$9,173,791
San Leandro Water Pollution Control Plant	LEED Certified (Partial)	\$42,341,963
Southern Field Headquarters Pearblossom O&M Center	LEED Platinum	\$13,244,022
Michele Obama Elementary School (VRES #13)	LEED Gold	\$24,977,445
<b>LG</b> Los Angeles City College Student Union	LEED Gold	\$35,302,766
DMV 6th Floor Renovation	LEED Certified	\$56,352,716
Shoreway Environmental Center	LEED Gold	\$19,215,539
Bauchet Street Storage and Facilities Maintenance	LEED Gold	\$14,140,349
San Jose Police Southside Substation	LEED Gold	\$69,491,883
Santa Clara Valley Health Center	LEED Certified	\$50,090,698
Sacramento Office Building and Corporate Yard	LEED Silver	\$55,512,465
DeAnza College Visual & Performing Arts Center	LEED Silver	\$15,157,212
Ohlone Student Services Center	LEED Silver	\$27,586,457
City of Milpitas Library	LEED Gold	\$29,485,817
Sacramento GSA Office Buildings 8 & 9	LEED Gold	\$124,641,802
Tanimura and Antle Family Memorial Library	LEED Gold	\$58,193,809
Santa Clara County Crime Laboratory	LEED Gold	\$54,092,636
Emergency Operations Center	LEED Silver	\$93,301,691
Rampart Area Police Station	LEED Gold	\$30,234,120
Operations Valley Bureau Headquarters	LEED Certified	\$22,080,690
LA Regional Crime Laboratory	LEED Silver	\$82,335,132
Alameda Free Library	LEED Silver	\$18,175,010
Nora & Hashem Naraghi Hall of Science	LEED Silver	\$41,588,677
San Mateo Public Library	LEED Certified	\$7,127,994
Vista Community College Facility	LEED Silver	\$43,653,708
Kirsch Center for Environmental Studies	LEED Platinum	\$8,282,792

**LG** LEED Gold Reference Projects

# North OPS & IT Management Building

Port of Long Beach

## Reference

Eric Paulsen  
925 Harbor Plaza  
Long Beach, CA 90802  
P: (562) 283-7375  
E: rick.panos@polb.com

## Project Location

1200 Pier E Avenue  
Long Beach, CA 90802

## Duration of Construction

450 days

## Date of Completion

December 25, 2013

## Contract Amount

\$14,773,296

## Architect/Engineer

AECOM  
Pat McDermott  
2101 Webster Street, 19th Fl  
Oakland, CA 94612  
P: (510) 763-2929

## Construction Manager

Arcadis

## Role in Project

General Contractor

## Delivery Method

Design-Bid-Build

## Certifications

 LEED Gold

## Collaborative Technologies

 BIM Modeling

 Bluebeam Document Control



## PROJECT DESCRIPTION

The Port of Long Beach is one of the world's busiest seaports (2nd nationally), and a leading gateway for trade between the United States and Asia. It supports over one million domestic jobs and generates billions of dollars in economic activity each year. The Port has billions of dollars' worth of construction upgrades and new facilities underway. Amoroso is currently constructing two new structures at the Port: a new Maintenance Facility and an Operations & IT Building (NOIT), both of which are LEED Certified Gold.

This project, located in heart of the Port of Long Beach, is a two-story state of the art maintenance facility consisting of vehicular and equipment maintenance and storage, offices, and meeting rooms, as well as two one-story canopies for exterior storage and vehicle wash/fuel stations are also included. The project contained an extensive amount of site improvements as the facilities sat on approximately 22 acres. The Port's existing maintenance facility is located in the footprint of the new Gerald Desmond Bridge which is an essential route to and within the Port. With the bridge project close to ground breaking, the focus on moving the existing maintenance personnel out of the old building and into the new was a top priority. From the start of construction there was a dedicated partnering effort to make sure that the project was completed on schedule and the bridge project was not interrupted.

The NOIT building would be the future home of one of the Port's biggest contractors, Long Beach Container Terminal (LBCT). The building is located in what is known as "Middle Harbor Terminal" which was an extremely busy area of the Port. Several contractors were simultaneously constructing projects ranging from underground utility improvements, marine work, expansion of terminals, and new buildings for the Port's tenants. Amoroso has been a key player in leading the coordination efforts between all contractors around the Port.

# Student Union

Los Angeles Community College District

## Reference

Charles Wren  
915 Wilshire Boulevard  
Los Angeles, CA 90017  
P: (323) 316-0898  
E: charles.wren@stanforda-  
lumni.org

## Project Location

855 N. Vermont Avenue  
Los Angeles, CA 90029

## Duration of Construction

472 days

## Date of Completion

September 24, 2012

## Contract Amount

\$35,302,766

## Architect/Engineer

HED Architects  
Brent Miller  
601 S. Figueroa  
Los Angeles, CA 90017  
P: (213) 542-4500

## Construction Manager

Harris & Associates

## Role in Project

General Contractor

## Delivery Method

Design-Build

## Certifications

 LEED Gold

## Collaborative Technologies

 BIM Modeling

 Bluebeam  
Document Control



## PROJECT DESCRIPTION

Awarded to our team on a competitive/Design-Build basis, the new Student Union at LA City College is a landmark, multi-story, 60,000 sq. ft. building anchoring the south side of the campus core. Design and construction was developed around the project mission statement and celebrates diversity and community, envisioning a flagship facility that is sustainable, timeless and celebratory of the campus' history and legacy, and serving both college students and the local community.

The Student Union is composed of two main building elements, the three-story high "anchor" volume and the sloped plaza. The first contains the food and banquet facilities, student government offices and student lounges. The second one extends the campus outdoor activity as a terraced plaza that rolls over the program spaces from the first to the third floor. This plaza provides spaces for special events such as movie screening, performance platform, outdoor classroom, banquet terrace and intimate learning spaces.

The building was designed to achieve a LEED Gold Certification. Energy efficient HVAC systems were augmented by a range of sustainable design strategies. Access to daylight throughout the deep floor plates will be achieved by a combination of windows, clerestory glazing and skylights. Other strategies include high performance glazing, solar shading, natural ventilation and on-site photovoltaic energy generation.

Building Information Modeling (BIM) was used to coordinate all disciplines, including Energy Analysis, MEP Coordination, Design Review and BIM As Builts. This has provided an ongoing platform to organize the complex building program, improve coordination between consultants, identify and resolve technical issues, provide more accurate data to support the iterative milestone cost estimates and illustrate the design.

The contracting approach was a lump sum contract with Amoroso as the design-builder. All subcontracts were held by Amoroso to achieve single-point responsibility. The contract simulated much more traditional based professional service and subcontractor agreements with the assumption of risk equitably transferred to each member of the team in relation to their individual scope of services provided. This approach allowed maximum utilization of smaller firms, which contributed to our Small Business Enterprise (SBE) and Disabled Veteran Business Enterprise (DVBE) goals.

# New Maintenance Facilities

Port of Long Beach

## Reference

Richard F. Panos  
925 Harbor Plaza  
Long Beach, CA 90802  
P: (562) 283-7606  
E: rick.panos@polb.com

## Project Location

725 Harbor Plaza  
Long Beach, CA 90802

Duration of Construction  
672 days

Date of Completion  
March 4, 2014

Contract Amount  
\$35,260,411

## Architect/Engineer

Gensler  
Robert Fabijaniak  
500 S. Figueroa Street  
Los Angeles, CA 90071  
P: (213) 327-3743

Construction Manager  
Parsons

Role in Project  
General Contractor

Delivery Method  
Design-Bid-Build

## Certifications

 LEED Gold

## Collaborative Technologies

 BIM Modeling

 Bluebeam  
Document Control



## PROJECT DESCRIPTION

This LEED Gold project is a two-story maintenance building consisting of vehicular maintenance facilities, offices, and meeting room facilities. Also included are two one-story canopies for exterior storage and vehicle wash/fuel stations.

The work comprises of architectural, structural, mechanical, electrical, plumbing, telecommunication, fueling, landscape, and civil scope. Major building components are cast-in-place and tilt-up concrete, structural steel framing, waterproofing and roofing, exterior glazing and aluminum cladding systems, photovoltaic panels, and vehicle maintenance equipment.

Due to the location of the project being located at the Port of Long Beach, Amoroso had to coordinate the underground utilities with the tide tables to ensure utilities wouldn't be submerged. Once the tide level was set, Amoroso took the information and applied it to our 3D BIM coordination. This coordination was a key part of our success.

This project was created to replace the old Maintenance Facility which is currently in the footprint of the new Gerald Desmond Bridge. Amoroso had to coordinate with the POLB Maintenance division extensively to ensure the final product is exactly what the end user expects. Part of our scope was to transport some existing equipment and place it on the new project which also took a lot of coordination with the design team.



# UCLA Engineering VI Lab Building

The Regents of the University of California

## Reference

Will Chung  
1060 Veteran Avenue  
Los Angeles, CA 90095  
P: (310) 267-4018  
E: wchung@capnet.ucla.edu

## Project Location

404 Westwood Plaza  
Los Angeles, CA 90095

## Duration of Construction

853 days

## Date of Completion

August 30, 2015

## Contract Amount

\$46,684,954

## Architect/Engineer

Moore Ruble, Yudell  
Clover Linne  
933 Pico Boulevard  
Santa Monica, CA 90405  
P: (310) 450-1400 ext. 283

## Construction Manager

UCLA Capital Programs

## Role in Project

General Contractor

## Delivery Method

Design-Bid-Build

## Certifications

**LG** LEED Gold

## Collaborative Technologies

**BIM** BIM Modeling

**BB** Bluebeam  
Document Control



## PROJECT DESCRIPTION

The project construction consisted of a 6 level, 61,500 sq. ft. additional to the Engineering V building for the Henry Samueli School of Engineering and Applied Science (HSSEAS). The building, to be known as WIN-GEM, accommodates nanoscale technology and materials research laboratories for the School's Western Institute of Nanoelectronics (WIN) and Green Engineering and Metrology (GEM) programs. It is located on a site to the west of the Engineering V on Westwood Plaza.

The project co-located existing multi-disciplinary research programs that are engaged in the development of energy system based on green technology. The building was built with isolated slabs and slab-on-grade construction to mitigate vibration throughout the buildings. All labs include a high bay height of 12'-0" to support the needs of the research program.

In addition, the basement level, which is 23'-0" in depth, accommodates a quantum metrology facility equipped with faraday shielding and vibration dampening. The upper 5 floors, with total height of 98'-0" to top of roof parapet, house wet and dry laboratories along with student offices, conference rooms, equipment rooms, restrooms and pantry. The roof is equipped with a large photovoltaic array to provide a platform for research in solar technology. The exterior building finishes include a combination of glazing, terra cotta rain screen system, brick and stone veneer. Site improvements include a new service drive along the west side of the building.

The scope of work includes connections to campus utilities; installation of the building automation system, emergency power, laboratory utilities and fume hoods; installation of life safety systems; and installation of low voltage communications conduit. The dry laboratories utilize active chilled beam radiant cooling panels and a demand control energy management system; Aircuity, was installed to run parallel with the building automation system. The new building was constructed to meet the current LEED New Construction "Gold" green building requirements.

## Rear Berths 136-139 Terminal Building & Main Gate

Port of Los Angeles, Engineering Division

### Reference

Donna Enfiajian  
425 S. Palos Verdes Street  
San Pedro, CA 90733  
P: (310) 386-7231  
E: denfiajian@portla.org

### Project Location

1450 W. Harry Bridges Blvd.,  
Wilmington, CA 90744

### Duration of Construction

880 days

### Date of Completion

September 25, 2015

### Contract Amount

\$66,003,646

### Architect/Engineer

Port of Los Angeles  
Roger Kuo  
425 S. Palo Verdes Street  
San Pedro, CA 90733  
P: (310) 732-7648

### Construction Manager

Same as Owner

### Role in Project

General Contractor

### Delivery Method

Design-Bid-Build

### Certifications

 LEED Gold

### Collaborative Technologies

 BIM Modeling

 Bluebeam  
Document Control



### PROJECT DESCRIPTION

This multi-phased project consisted of eight separate structures spread across approximately 47 acres. The scope of work includes a new 4 story TraPac Administration Building (LEED Gold), demolition of the old Admin Building, construction of new In and Out Gates, single story Yard Operations Building, Driver Services Building and a 2-story Pedestrian Bridge, creating access for the employees over a railroad between the Administration Building and the actual Berths and backlands. All the work took place within a fully operational terminal at the Port of Los Angeles (POLA). There were constant, non-construction related trucks and vehicles passing in, out and through the sites, as well as four other construction projects concurrently being built adjacent to ours. This required constant coordination between Amoroso and other general contractors, as well as the Port representatives and their clients that had operations occurring within the terminal. Communication was key for this project and Amoroso had to be the source of information.

In addition, there were multiple unidentified utility lines blocking various installations. Amoroso took the lead to develop new means/methods for installing the work, by either identifying and removing these lines or finding a feasible way to go around them. Many of these lines are oil/gas and many contain asbestos. Amoroso took all necessary steps to mitigate all hazards related to these activities so that we could maintain our safety record. While working closely with the POLA and all other invested parties, Amoroso plans to deliver the Rear Berths 136 – 139 Main Gate & Backlands Improvement Project on time and within budget.

# Blue Line Station Refurbishments

Los Angeles METRO

## Reference

Mat Antonelli  
One Gateway Plaza  
Los Angeles, CA 90012  
P: (213) 893-7114  
E: antonelli@metro.net

## Project Location

Various Locations  
Office: 11804 Woodruff Ave,  
Downey, CA 90241

## Duration of Construction

638 days

## Date of Completion

November 13, 2015

## Contract Amount

\$20,146,649

## Architect/Engineer

Owen Group, Inc.  
Rhodore Geronaga  
600 Wilshire Boulevard Los  
Angeles, CA 90017  
P: (949) 680-2837

## Construction Manager

Same as Owner

## Role in Project

General Contractor

## Delivery Method

Design-Build

## Collaborative Technologies

 BIM Modeling

 Bluebeam  
Document Control



## PROJECT DESCRIPTION

This design-build project involved the renovation of 21 stations along the Metro Blue Line in Los Angeles. The work included removal and re-installation of concrete, custom tile, terrazzo, electrical conduits and other system components, paint, and custom artwork. At 17 of the stations works included installation of a brand new structural steel canopy with new custom aluminum cladding, electrical systems, light fixtures, plumbing and paint.

Amoroso partnered with OWEN Design Group to provide architectural and engineering services. The SJA/OWEN team conducted extensive site inspections at the beginning of the project in order to develop the project contract documents, in conjunction with the bridging documents and design criteria provided by Metro. The nature of this project, with existing structures and conditions highlighted the need for a very detail-oriented approach with an emphasis on coordination between SJA, Metro, Owen and our subcontractors, as well as third party organizations, of which there were many. Of course, being detail-oriented and emphasizing coordination is nothing new to our team, however the need for it on this project is much greater than our typical projects. This demonstrated Amoroso's ability to adapt to each of our project's specific needs, no matter the project type, and still provide value for ourselves, our clients and our subcontractors.

One of the greatest challenges we faced was the extremely tight schedule. Amoroso had 3 weeks to complete each station & move on to the next. Most of the work had to be completed during the night shift, as well as running 24-hour shifts on weekends. Many of our schedule activities needed to be completed on a specific day, in a certain time frame, scheduled to the minute. Despite these restrictions, Amoroso found a way to meet our schedule.

# Chemical Unloading Facility

Metropolitan Water District of Southern California

## Reference

Roy Howard  
19760 Seaton Avenue  
Perris, CA 92570  
P: (951) 710-5440  
E: rhoward@mwdh2o.com

## Project Location

19760 Seaton Avenue  
Perris, CA 92570

## Duration of Construction

740 days

## Date of Completion

January 30, 2017

## Contract Amount

\$22,938,845

## Architect/Engineer

Same as Owner

## Construction Manager

Same as Owner

## Role in Project

General Contractor

## Delivery Method

Design-Bid-Build

## Collaborative Technologies

 BIM Modeling

 Bluebeam  
Document Control



## PROJECT DESCRIPTION

The Metropolitan Water District of Southern California (MWDSC) wholesales drinking water to member water agencies throughout Southern California. MWDSC provides approximately 60 percent of the drinking water used by nearly 16 million people living on the southern California coastal plain between Ventura County and the Mexican border.

Disinfection is a critical process used by MWDSC in the treatment of its drinking water. Disinfection helps to protect public health by killing pathogens in the water and preventing the spread of waterborne diseases. The use of chlorine as a disinfectant in the treatment of drinking water and wastewater has been the dominant disinfection method in the United States since it was introduced, around the beginning of this century. MWDSC currently utilizes bulk chlorine for disinfection at all of its water treatment plants. The MWDSC Chemical Unloading Facility (CUF) plays a critical role in supplying chlorine for drinking water disinfection. The chlorine at CUF is received in rail cars and then transferred to chlorine trailers which supply disinfection processes at various MWDSC water treatment facilities.

The original CUF was built in 1972, and is located at 19765 Patterson Avenue, in Perris, California. The facility is situated just west of Interstate Highway 215 and south of the Cajalco Expressway, covering approximately 3.8 acres.

The scope of this project includes demolition of existing facilities and construction of new chlorine unloading, containment, and handling facilities. The facilities includes a chlorine unloading building, a control building/maintenance shop, electrical/utility rooms, chlorinator/evaporator rooms, and a chlorine scrubber/ventilation/leak detection system designed to mitigate potential chlorine gas release in an emergency situation. The new CUF will be equipped with (2) new rail car unloading platforms inside a 12,786 SQFT loading bay to facilitate the transfer of chlorine from rail car tankers to tanker trucks. A new 2,934 SQFT building will be built to manage and control operations at the new facility. Once the new facility is fully operational, the existing CUF will be decommissioned and demolished.

S.J. Amoroso Construction Co., Inc.  
390 Bridge Parkway  
Redwood Shores, CA 94065  
T (650) 654-1900  
F (650) 654-9002  
Contractor License No. CA 331024



**MINUTES OF A SPECIAL MEETING OF THE BOARD OF DIRECTORS OF  
S.J. AMOROSO CONSTRUCTION CO., INC.  
HELD AT 9:00AM, JANUARY 16, 2015  
AT LOS ANGELES, CALIFORNIA**

Present were the following Directors:

Dana C. McManus

The only item of business on the agenda was the designation and authorization of certain Officers of the Corporation to sign bid offers, construction contracts, pre-qualifications, powers of attorney and other legally binding documents which may require execution in the normal course of business.

After some discussion, the following resolution was proposed and adopted by unanimous consent of the Directors present:

RESOLVED THAT THE FOLLOWING OFFICERS OF S.J. AMOROSO CONSTRUCTION CO., INC. BE AND THEY HEREBY ARE DESIGNATED, EMPOWERED AND AUTHORIZED TO SIGN AND EXECUTE CONTRACT BIDS, PRE-QUALIFICATIONS, CONSTRUCTION CONTRACTS, POWERS OF ATTORNEY AND OTHER MISCELLANEOUS LEGAL DOCUMENTS THAT REQUIRE EXECUTION IN THE NORMAL COURSE OF THE CONSTRUCTION BUSINESS:

Dana C. McManus  
Robert Erskine  
Brian DerMatolan  
Roger Schotter

C.E.O., Secretary-Treasurer  
President, Northern California  
President, Southern California  
Chief Estimator

This Resolution is in force and has been unchanged.

Dana C. McManus  
C.E.O., Secretary-Treasurer



[www.sjamoroso.com](http://www.sjamoroso.com)

## Business License



## DIR Registration

Legal Name	Registration Number	County	City	Registration Date	Expiration Date
S. J. AMOROSO CONSTRUCTION CO., INC.	1000000202	SAN MATEO	REDWOOD SHORES	06/01/2017	06/01/2018

Signature

Brian DerMatoian  
President, Southern California

Name, Title

November 22, 2017

Date

CITY OF TORRANCE, CALIFORNIA

**ADDENDUM NO. 1**

Issued: September 12, 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 1:**

Please clarify if the intent of item F. (below) is for all subcontractors to maintain the same coverages/limits as the General Contractor. This would not be a typical requirement in the industry as it is highly unlikely that subcontractors will maintain or be able to obtain these coverages/limits. This would limit greatly the number of participating subcontractors in this bid process. Please clarify.

**A1:** The question relates to the City of Torrance Public Works Agreement in Appendix I of the Volume 1 bid document. All coverages for subcontractors must comply with Public Works Agreement Section 18 INSURANCE either by being included as insured under the Contractor's policies or with separate certificates and endorsements.

**RFI2a:**

The Table of Contents shows Division 27 as "Not Applicable" yet on the plans there are data symbols and rack systems. Please advise.

**A2a:** Electrical plans and Division 26 Specifications account for the low voltage and data backbone and infrastructure (conduit, boxes and cable tray) only. All cabling and equipment to be provided by City of Torrance's Information System (IT) Department.

**RFI2b:**

The Table of Contents shows a Specification Section of 115200 – AV Systems yet it is not included in the Bid Documents. Please provide.

**A2b:** Specification Section 115200 is provided in Section III E of this Addendum.

**TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 (B2017-39)**  
**Addendum #1: Page 2 of 9**

**RFI3:**

Please provide Signage Specification.

**A3:** This relates to Drawing #'s AG-01 to AG-11. Signage Specifications Section 10 13 00; Section 10 14 02 and Section 10 14 04 are provided in Section III E of this Addendum.

**RFI4:**

- 1) Please clarify if the response to our RFI # 1 will be posted to the City's project website as discussed during the site walk?

**A4:** Yes as part of Addendum #1.

**RFI5:**

- 1) Please provide a Finished Schedule to explain which ACT goes where.

**A5:** Refer to Drawing No. A2-31 Overall Reflected Ceiling Plan - West & Drawing No. A2-32 Overall Reflected Ceiling Plan – East. On each, refer to the "Ceiling Legend". Also refer to Volume 2 - Project Manual for finish specifications.



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

**Addendum #1: Page 3 of 9**

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

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

<b>Ref. Spec.</b>	<b>Specified Item</b>	<b>Proposed Substitution / Or Equal</b>	<b>Disposition</b>	<b>City Comment</b>
07 1813	Elasto-Deck 5000 X2, Pacific Polymers	Eco-Flex Deck, Tennant	Incomplete documentation submitted. Not Approved.	May be resubmitted.
07 1900	Aquacrete Concentrate, Degussa	Protectosil Aquacrete Concentrate, Evonik Corporation	Manufacturer changed names. Same product. Approved.	See Section III E of this Addendum.
10 2813.14	Excel, XL-SB- ECO	Dyson, AB12 Quiet V	Incomplete documentation submitted. Not Approved.	May be resubmitted.
"AV System"	Crestron (Plates)	Extron	Incomplete documentation submitted. Not Approved.	May be resubmitted.

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

**A. REFER TO SPECIFICATIONS, VOLUME 1, SECTION A – NOTICE INVITING BIDS.**

On page A-1, the first paragraph is hereby deleted in its entirety and replaced with the following:

*"Notice is hereby given that sealed bids for performing the following described work will be received at the Office of the City Clerk of the City of Torrance, California, **until 3:00 PM on Wednesday, November 15, 2017** after which time they will be publicly opened and read at 3:15 p.m. in the Council Chambers of said City."*

On page A-2, the second and third paragraphs are hereby deleted in their entirety and replaced with the following:

*"A Bidder must submit any proposed substitution, "Or Equal" product, material and/or system at or before 4:00 p.m. on Friday, October 27, 2017, in accordance with Section 4-1.6 of the Special Provisions."*

*"Questions related to this bid will be considered only when submitted in writing at or before 4:00 p.m. on Friday, October 27, 2017. Submissions must be sent to Craig Bilezerian, Deputy Public Works Director/City Engineer at [CBilezerian@TorranceCA.Gov](mailto:CBilezerian@TorranceCA.Gov)"*

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

Addendum #1: Page 5 of 9

**B. REFER TO THE OFFICIAL BIDDER'S SUBMITTAL PACKET (obtained from the City Clerk) AND TO SPECIFICATIONS VOLUME 1 "SECTION C – BID DOCUMENTS". SEE PAGE C-3 OF EACH.**

- Bid Item #43. The "Description" is hereby amended as follows

DELETE: "Clearing/Grubbing/Rough grade – Widening Area"

ADD: "Clearing/Grubbing/Rough grade – Widening Area, incl. subgrade prep"

- Bid Item #44. The "Description" is hereby amended as follows

DELETE: "208th St./ Crenshaw Clearing/Grubbing/Rough grade"

ADD: "208th St./ Crenshaw Clearing/Grubbing/Rough grade/Subgrade Prep."

- Bid Item #47. The "Description", "Quan" and "Unit" are hereby amended as follows

DELETE: "208th St./ Crenshaw Subgrade Preparation"; "37,850 SF"

ADD: "208th St./ Crenshaw Imported Borrow"; "3,643 CY"

- Bid Item #59. The "Quan" is hereby increased from 5 EA to 6 EA

- Bid Item #78. The item is hereby deleted

A Bidder must make these revisions to its Bidder's Submittal document to be submitted with its bid. See sample below of above-referenced amendments.

43	31 1000	300-1.1	Clearing/Grubbing/Rough grade - Widening Area, <b>incl. subgrade prep</b>	27,100	SF	\$	\$
44	31 1000	300-1.1	208th St./ Crenshaw Clearing/Grubbing/Rough grade/ <b>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	208th St./ Crenshaw <del>Subgrade Preparation</del>	<del>37,850</del>	<del>SF</del>	\$	\$
			<b>Imported Borrow</b>	<b>3,643</b>	<b>CY</b>		

59	-	307	Relocate Existing Streetlighting Poles	<b>65</b>	EA	\$	\$
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<b>78</b>	-	<b>306</b>	<b>6" DI Pipe, CL-350</b>	<b>60</b>	<b>-LF</b>	<b>\$</b>	<b>-\$ DELETED</b>
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**C. REFER TO SPECIFICATIONS VOLUME 1 “SECTION E – SPECIAL PROVISIONS”.  
 SEE SUBSECTION 9-3.7 BID ITEM DESCRIPTIONS. SEE PAGE E-56.**

- Bid Item #43. The “Description” is hereby amended to:  
 “Clearing/Grubbing/Rough grade – Widening Area, incl. subgrade prep”
- Bid Item #43. The “Pay Item Description” is hereby amended to:  
*“Removals, clearing, grubbing, hauling and disposal, testing scarification, water conditioning, deleterious materials removal, processing, consolidating and finishing in place to the surface of the proposed street subgrade.”*
- Bid Item #44. The “Description” is hereby amended to:  
 “208th St./ Crenshaw Clearing/Grubbing/Rough grade/Subgrade Prep”
- Bid Item #44. The “Pay Item Description” is hereby amended to:  
*“Removals, clearing, grubbing, hauling and disposal, testing scarification, water conditioning, deleterious materials removal, processing, consolidating and finishing in place to the surface of the proposed street subgrade.”*

See below sample of above-referenced amendments.

<b>Item #</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>PAY ITEM DESCRIPTION</b>
43	Clearing/Grubbing/Rough grade - Widening Area, incl. subgrade prep	SF	Removals, clearing, grubbing, hauling and disposal, testing scarification, water conditioning, deleterious materials removal, processing, consolidating and finishing in place to the surface of the proposed street subgrade
44	208th St./ Crenshaw Clearing/Grubbing/Rough grade/Subgrade Prep	SF	Removals, clearing, grubbing, hauling and disposal, testing scarification, water conditioning, deleterious materials removal, processing, consolidating and finishing in place to the surface of the proposed street subgrade

**TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 (B2017-39)**  
**Addendum #1: Page 7 of 9**

**D. REFER TO SPECIFICATIONS, VOLUME 1, SECTION E – SPECIAL PROVISIONS, SUBSECTION 9-3.7 BID ITEM DESCRIPTIONS, PAGE E-61.**

On page E-61, the following amendments are made:

- Bid Item #92. The "Pay Item Description" is hereby amended to:

*"includes all work to furnish new poles and fixtures, install new foundations trenching, backfill and restoration, electric vault, conduit, wires, pull boxes and handholes, hoisting and installation of poles and fixtures and all appurtenances complete in place."*

See below sample of above-referenced amendment.

Item #	DESCRIPTION	UNIT	PAY ITEM DESCRIPTION
92	Ameron 1C1-28 Street Light Pole w/ 1AP8 8' Mast Arm & 107 Watt Led Luminaire	EA	includes all work to furnish new poles and fixtures, install new foundations trenching, backfill and restoration, conduit, wires, pull boxes and handholes, hoisting and installation of poles and fixtures complete in place.

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

- In Table of Contents Pg 00 0101-3, add the following subsections in DIVISION 10
  - 10 1300 Digital Signage
  - 10 1402 Exterior Signage
  - 10 1404 Interior Signage

The three sections above are hereby added to and considered a part of the Volume 2 PROJECT MANUAL document and are attached to this Addendum.

- Refer to Section 07 1900, pg 07 1900-3; Part 2-PRODUCTS; Subsection A.1.

In the first sentence, replace "Degussa" with "Evonik".

- Section 11 5200 Audio Visual Systems was inadvertently omitted from the Volume 2 PROJECT MANUAL during publishing. Said Section is hereby added to and considered a part of the Volume 2 PROJECT MANUAL document and is attached to this Addendum.

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. 1 and accept all conditions contained therein.

S.J. Amoroso Construction Co., Inc.  
Bidder

Roger Schotter  
By



November 22, 2017  
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.**

**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:**

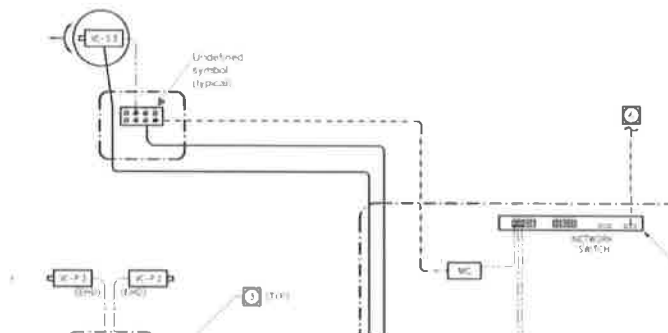
- 1) Is the fiber between network switches to be included in the security scope?**

**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.



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

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

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

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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.

**TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 (B2017-39)**  
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**RFI 14a:**

**a~~8~~** – 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:**

**b~~10~~** – 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:**

**c~~11~~** – 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:**

**d~~12~~** – 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:**

**e~~13~~** – 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.

**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.

**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.

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

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

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

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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.

**TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 (B2017-39)**  
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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)**  
**Addendum #2: Page 15 of 27**

**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 ~~34~~ 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.

**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- ~~3~~: 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- ~~8~~: 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.

**RFI 27f:**

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:**

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:**

8. 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:**

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:**

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.

**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>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 <del>and 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.

<b>Item #</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>PAY ITEM DESCRIPTION</b>
59	Relocate Existing Streetlighting Poles	-EA	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

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

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

Addendum #2: Page 23 of 27

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

Item #	DESCRIPTION	UNIT	PAY ITEM DESCRIPTION
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.

Item #	DESCRIPTION	UNIT	PAY ITEM DESCRIPTION
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.egnyte.com/fl/FoaQ6AEU64/B2017-39 Addendum\\_02\\_Final](https://andpen.egnyte.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.

S.J. Amoroso Construction Co., Inc.  
Bidder

Roger Schotter  
By



November 22, 2017  
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.**

**CITY OF TORRANCE, CALIFORNIA**

**ADDENDUM NO. 3**

**Issued: November 8, 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)**

*(NONE WITH THIS ADDENDUM)*

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

*(NONE WITH THIS ADDENDUM)*

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

**A. REFER TO SPECIFICATIONS, VOLUME 1, SECTION A – NOTICE INVITING BIDS AND ADDENDUM 1 SECTION III.A.**

On page A-1, the first paragraph, as modified in Addendum #1, is hereby deleted in its entirety and replaced with the following:

*"Notice is hereby given that sealed bids for performing the following described work will be received at the Office of the City Clerk of the City of Torrance, California, **until 3:00 PM on Wednesday, November 22, 2017** after which time they will be publicly opened and read at 3:15 p.m. in the Council Chambers of said City."*

**B. REFER TO SPECIFICATIONS, VOLUME 1, SECTION E – SPECIAL PROVISIONS, SUBSECTION 4-1.6 Trade Names or Equals AND ADDENDUM 2 SECTION III.B.**

After the third paragraph that was added by Addendum #2 Section III.B, add the following Specification Section to the list of Specification Sections:

- Section 12 3630 ECO RESIN PANELS

**C. REFER TO SPECIFICATIONS (VOLUME 2) FOR REVISIONS BELOW:**

Section 01 4216 DEFINITIONS AND STANDARDS.

Add the following subsection.

- K. The following Definitions shall apply to Plans and Specifications:
- Provided By Others: Item is specified on other plan sheets or specifications and is included in the Contract and must be included in the Bid.
  - Not In Contract (N.I.C.): Item is not in contract and must not be included in the Bid.

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

<https://andpen.egnyte.com/fl/2iSzNo54sC/TorranceTransitBidFileshare>

- Revised sheets AG-03, AG-05 and AG-07 for additional clarifications / revisions to signage requirements. Regarding the revised callout for lettering for Sign Type 10 / Detail 3 on Sheet AG-05, either the primary or alternate lettering is acceptable.

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. 3 and accept all conditions contained therein.

S.J. Amoroso Construction Co., Inc.  
Bidder

Roger Schotter   
By

November 22, 2017  
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.**

**CITY OF TORRANCE, CALIFORNIA**

**ADDENDUM NO. 4**

**Issued: November 15, 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)**

*(NONE WITH THIS ADDENDUM)*

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

*(NONE WITH THIS ADDENDUM)*

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

**A. REFER TO THE LINK BELOW TO DOWNLOAD REVISED SPECIFICATION SECTIONS AS NOTED BELOW:**

<https://andpen.egnyte.com/fl/YoEzuLE1QT/TorranceTransitBidFileshare>

- In Specifications Volume 2 and all prior Addenda, Section 08 4413 is hereby deleted in its entirety and replaced with a revised Section 08 4413 labeled as "Addendum 4 – 11/14/2017" at the bottom right. This revision clarifies Mockup requirements (Subsection 1.5.B) and revised Glazed Aluminum Storefront Type (Subsection 2.1.A.2). Revisions are shown with tracked changes in red and blue text.
- In Specifications Volume 2 and all prior Addenda, Section 08 8100 is hereby deleted in its entirety and replaced with a revised Section 08 8100 labeled as "Addendum 4 – 11/14/2017" at the bottom right. This revision clarifies Mockups requirements (Subsection 1.5.K), revised Glazing Materials (Subsection 2.2.A) and revised Glass Schedule (Subsection 3.6). Revisions are shown with tracked changes.

For convenience, the revised specifications sections are attached to this Addendum.

**TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 (B2017-39)**  
**Addendum #4: Page 2 of 3**

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

<https://andpen.egnyte.com/f/YoEzuLE1QT/TorranceTransitBidFileshare>

- Sheets A3-32, A8-00 and A8-02 from the Original Bid Plans are hereby deleted and replaced with revised Sheets A3-32, A8-00 and A8-02 as noted on each. This revision is to clarify storefront glazing requirements.

By Order of the City Engineer

/S/ CRAIG BILEZERIAN

Craig Bilezerian  
Deputy Public Works Director/City Engineer

Enclosures: Specification sections and linked Files as referenced above

**BIDDER'S CERTIFICATION**

I acknowledge receipt of the foregoing Addendum No. 4 and accept all conditions contained therein.

S.J. Amoroso Construction Co., Inc.  
Bidder

Roger Schotter  
By



November 22, 2017  
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.**