

BIDDER'S SUBMITTAL

Company: Royal Construction Corp.

Total Base Bid (numbers): \$ ~~24,221,251.20~~ 24,323,477.20 JK

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
GENERAL REQUIREMENTS (DIVISION 1 AND SPECIAL PROVISIONS, PART 1 - WITH DESIGNATED BID ITEMS)							
1	01 7123	2-9.1	Permanent Survey Markers	12	EA	\$ 1,000	\$ 12,000
2	01 7123	2-9.2	Survey Service	1	LS	\$ 120,000	\$ 120,000
3	01 3216	6-1.4	CPM Baseline Schedule	1	LS	\$ 50,000	\$ 50,000
4	-	6-1.6	4-Week Look Ahead Schedules (Weekly)	1	LS	\$ 55,000	\$ 55,000
5	-	6-1.7	CPM Schedule Updates (Monthly)	1	LS	\$ 32,000	\$ 32,000
6	-	6-6.3	Payment for Delays	20	DAY	\$ 2,500	\$ 50,000
7	-	7-8.6.2	NPDES / BMP Measures	1	LS	\$ 55,000	\$ 55,000
8	-	7-8.6.3	SWPPP / NOI Preparation	1	LS	\$ 23,500	\$ 23,500
9	-	7-8.6.3	SWPPP/WDID Permit	1	LS	\$ 4,500	\$ 4,500
10	-	7-8.6.3	SWPPP/Annual Report/Notice of Termination Preparation/Submittal	1	LS	\$ 2,500	\$ 2,500

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
11	-	7-10.2	Traffic Control	1	LS	\$ 190,000	\$ 190,000
12	01 5813	7-15	Project Signs and Identification	1	LS	\$ 4,000	\$ 4,000
13	-	7-15	Portable Changeable Message Signs	2	EA	\$ 10,000	\$ 20,000
14	-	8	Facilities & Site Utility Vehicles for Agency Personnel	1	LS	\$ 68,000	\$ 68,000
15	-	9-3.4	Mobilization	1	LS	\$ 600,000	\$ 600,000
16	-	9-3.5	Demobilization	1	LS	\$ 80,000	\$ 80,000
REGIONAL TERMINAL SITE AND FACILITIES							
17	DIV 3	-	Concrete	1	LS	\$ 954,240	\$ 954,240
18	DIV 4	-	Masonry	1	LS	\$ 952,000 884,800	\$ 952,000 884,800
19	DIV 5	-	Metals - Structural & Architecturally Exposed Steel, Decking, Metal Pan Stairs and Miscellaneous Metals	1	LS	\$ 2,832,480	\$ 2,832,480
20	DIV 6	-	Wood and Plastics	1	LS	\$ 206,080 228,480	\$ 206,080 228,480
21	DIV 7	-	Thermal and Moisture Protection	1	LS	\$ 1,209,600	\$ 1,209,600
22	DIV 8	-	Doors, Door Hardware, Windows & Storefronts	1	LS	\$ 993,440 881,440	\$ 993,440 881,440
23	DIV 9	-	Finishes	1	LS	\$ 1,232,000	\$ 1,232,000
24	DIV 10	-	Specialties	1	LS	\$ 526,400	\$ 526,400
25	DIV 11	-	Equipment (N.I.C. Sections 11 5200 and 11 5233 and Exhibit 11 5233A)	1	LS	\$ 67,200	\$ 67,200
26	DIV 12	-	Furnishings	1	LS	\$ 92,960	\$ 92,960
27	DIV 14	-	Conveying Equipment	1	LS	\$ 145,600	\$ 145,600
28	DIV 21	-	Fire Suppression Sprinklers	1	LS	\$ 179,200	\$ 179,200
29	DIV 22	-	Plumbing	1	LS	\$ 347,200	\$ 347,200
30	DIV 23	-	Heating Ventilation & Air Conditioning	1	LS	\$ 448,000 397,600	\$ 448,000 397,600
31	DIV 26	-	Electrical	1	LS	\$ 2,352,000 2,280,000	\$ 2,352,000 2,280,000
32	DIV 28	-	Electronic Safety Security and Fire Alarm	1	LS	\$ 280,000	\$ 280,000

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
33	DIV 31	-	Sitework	1	LS	\$ 418,880	\$ 418,880
33A	DIV 31	-	Sitework - Import (Allowance)	250	CY	\$ 50	\$ 12,500
34	DIV 32	-	Exterior Improvements	1	LS	\$ 4,374,200 \$ 4,256,000	\$ 4,379,200 \$ 4,256,000
35	DIV 33	-	Utilities	1	LS	\$ 600,320	\$ 600,320
OFFSITE IMPROVEMENTS							
C-2014-001 SIGNS AND STRIPING FOR CRENSHAW BOULEVARD							
36	32 1723-1724	314, 317	Signs and Striping Crenshaw Boulevard	1	LS	\$ 14520	\$ 14520
ST-1067 STREET WIDENING CRENSHAW BOULEVARD							
37	31 1000	300-1.3	Sawcut Asphalt Paving	737	LF	\$ 3	\$ 2,011
38	31 1000	300-1.3	Sawcut Concrete Paving	167	LF	\$ 19	\$ 3,173
39	31 1000	300-1.3	208th St. / Crenshaw Sawcut Asphalt Paving	99	LF	\$ 4	\$ 396
40	31 1000	300-1.3	Removal of Concrete & A.C. Pavement, Sidewalks, Curb & Gutter, and Unclassified Materials	14,716	SF	\$ 9	\$ 132,444
41	31 1000	300-1.3	208th St. / Crenshaw Removal of Concrete & A.C. Pavement, Curb & Gutter, and Unclassified Materials	343	SF	\$ 14	\$ 4,802
42	31 1000	300-1.1	Clearing/Grubbing/Rough grade - New sidewalk area	12,836	SF	\$ 6.70	\$ 86,001 ²⁰
43	31 1000	300-1.1	Clearing/Grubbing/Rough grade - Widening Area, incl. subgrade prep	27,100	SF	\$ 5.40	\$ 146,340
44	31 1000	300-1.1	208th St./ Crenshaw Clearing/Grubbing/Rough grade/Subgrade Prep	37,850	SF	\$ 5.30	\$ 200,605
45	32 1206	302-1	Cold Milling	10,270	SF	\$ 2.00	\$ 20,540
46	31 2000	300-5.2	Imported Borrow	102	CY	\$ 45	\$ 4590
47	31 2000	301-1	208th St./ Crenshaw Imported Borrow	3,643	CY	\$ 45	\$ 163,935

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	\$ 26	\$ 362,440
49	32 1313	303-5, 301-2	208th St./ Crenshaw. Concrete Paving, Spandrels, Sidewalks, Driveways, Ramps, PCC Join, including CMB	18,018	SF	\$ 26	\$ 468,468
50	32 1313	303-5, 301-2	8" Concrete Curb Per SPPCC 120 (8) on CMB	250	LF	\$ 28	\$ 7000
51	32 1313	303-5, 301-2	208th St./ Crenshaw. 8" Concrete Curb Per SPPCC 120 (8) on CMB	40	LF	\$ 28	\$ 1120
52	32 1313	303-5, 301-2	8" Concrete Curb w./ 24" Gutter Per Torrance Std T103, on CMB	750	LF	\$ 42	\$ 31500
53	32 1313	303-5, 301-2	208th St./ Crenshaw. 8" Concrete Curb w./ 24" Gutter Per Torrance Std T103, on CMB	428	LF	\$ 42	\$ 17976
54	32 1313	303-5, 301-2	Curb Ramp with Detectable Warning Surface, Per SPPWC Std 111 on 4" CMB	7	EA	\$ 3000	\$ 21000
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	\$ 3000	\$ 6000
56	32 1206	302-5, 301-2	10" B-PG64-10 AC Base Paving on 15" CMB	5,150	SF	\$ 223	\$ 61,800 ^{118,450} HH
57	32 1206	302-5, 301-2	2" C2-PG64-10 AC Overlay	10,270	SF	\$ 3.30 ⁵	\$ 33891 ⁵¹³⁵⁰ HH
58	32 8400, 9000	308	Landscape & Irrigation	1	LS	\$ 28600	\$ 28600
59	-	307	Relocate Existing Streetlighting Poles	6	EA	\$-	\$-DELETED
60	-	307	208th St./ Crenshaw. Streetlighting	3	EA	\$ 19,000	\$ 57,000
61	32 1313	303-5	208th St./ Crenshaw. 36" W Concrete Channel Under Sidewalk	30	LF	\$ 100	\$ 3000

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	\$ 73	\$ 4526
63	32 3113	304-3	208th St/Crenshaw. Chain Link 6 'x 15' swing gate	1	EA	\$ 5000	\$ 5000
64	32 1313	207-16, 306	208th St/ 6" PVC Sanitary Sewer	46	LF	\$ 144 ⁸⁰	\$ 3680
65	-	207-21.5, 306	208th St./ POC 6" / (E) 18" VCP SEWER in existing street	1	EA	\$ 17000	\$ 17000
TS-2014 NEW TRAFFIC SIGNAL AT CRENSHAW BLVD AND TRANSIT WAY							
66	-	307	New Traffic Signal at Crenshaw Blvd & Transit Way	1	LS	\$ 350,000	\$ 350,000
TS84 200A TRAFFIC SIGNAL MODIFICATION AT CRENSHAW BLVD AND 208TH STREET							
67	-	307	Traffic Signals Modification Plan Crenshaw Blvd & 208th Street	1	LS	\$ 245,000	\$ 245,000
WP-306 PLAN & PROFILE FOR CRENSAW BLVD WIDENING & TRANSIT CENTER WATER SYSTEM							
68		306	8" DI Pipe, CL 350	1,300	LF	\$ 80	\$ 104000
69		306	8" Gate Valve	2	EA	\$ 3500	\$ 7000
70		306	8" DI Bend	4	EA	\$ 2000	\$ 8000
71		306	12x8x12 DI Tee	3	EA	\$ 1500	\$ 4500
72		306	8" POC in existing Street	3	EA	\$ 17000	\$ 51000
73		306	208th Street POC 8"/8" in existing street	1	EA	\$ 17000	\$ 17000 17000
74		306	208th St. 8" PVC Pipe	24	LF	\$ 80	\$ 1920
75		306	208th Street 8" GATE VALVE	1	EA	\$ 3500	\$ 3500
76		306	208th Street "8" PIPE CAP/STUB, BLIND FLANGE	1	EA	\$ 900	\$ 900
77		306	6" DI Pipe, CL 350	60	LF	\$ 80	\$ 4800
78		306	6" DI Pipe, CL 350	60	LF	\$	\$ DELETED
79		306	6" Gate Valve	2	EA	\$ 3000	\$ 6000
80		306	6" POC in existing Street	2	EA	\$ 17000	\$ 34000

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
81		306	6" POC in existing Sidewalk	1	EA	\$ 17000	\$ 17000
82		306	208th Street 6" PVC PIPE	60	LF	\$ 80	\$ 4800
83		306	208th Street 6" GATE VALVE	2	EA	\$ 3000	\$ 6000
84	-	306	6" DI Pipe, CL-350	60	LF	\$ -	\$-DELETED
85		306	208th Street POC 6"/8" in existing street	1	EA	\$ 17000	\$ 17000
86		306	Thrust Block	12	EA	\$ 600	\$ 7200
87		306	208th Street Thrust Block	7	EA	\$ 600	\$ 4200
88		306	Air Release Blow Off	2	EA	\$ 2500	\$ 5000
89		306	Fire Hydrant Assembly	3	EA	\$ 6500 6500	\$ 19,500
90		306	Remove Existing Fire Hydrant	2	EA	\$ 1000	\$ 2000
C-2015 SIGNAGE AND STRIPING - 208TH STREET							
91	-	314, 317	Signage and Striping - 208th Street	1	LS	\$ 8000	\$ 8000
SL 2015-002 STRET LIGHTING - 208TH STREET							
92	-	307	Ameron 1C1-28 Street Light Pole w/ 1AP8 8' Mast Arm & 107 Watt Led Luminaire	7	EA	\$ 36000	\$ 252,000
SS-386 SANITARY SEWER - 208TH STREET							
93	-	Per Std.	Manhole Type "D" Frame & cover per CSD. Std. No. S-a-204 & S-a-228	1	EA	\$ 18000	\$ 18000
94	-	Per Std.	Manhole per SPPWC Std. Plan No. 200	3	EA	\$ 15,000	\$ 45,000
95	-	306	6" VCP WYE (6"x8")	6	EA	\$ 800	\$ 4800
96	-	306	8" VCP, Trenching per City of Torrance Std. plan T116 and bedding per City of Torrance Std. plan T204	703	LF	\$ 85	\$ 59755
97	-	306	6" VCP, Trenching per City of Torrance Std. plan T116 and bedding per City of Torrance Std. plan T204.	198	LF	\$ 75	\$ 14850

Item #	PROJECT MANUAL DIVISION	SECT. E SPECIAL PROVS.	DESCRIPTION	QUAN	UNIT	UNIT COST	TOTAL COST
98	-	306	8" VCP Cap	1	EA	\$ 600	\$ 600
99	-	306	6" VCP Cap	6	EA	\$ 500	\$ 3000
ST-1066 STREET IMPROVEMENTS - 208TH STREET							
100	-	300-1.3.2	Sawcut & Removal of A.C. Pavement and Unclassified Materials	10,910	SF	\$ 740	\$ 80,734
101	-	300-1	Removal of Fence & post	840	LF	\$ 30	\$ 25,200
102	-	300-1	Temporary Removal/Replacement of Property line Chainlink Fence & Gate	786	LF	\$ 58	\$ 45,588
103	-	300-1.1	Clearing/Grubbing/Rough grade/Demolition	1	LS	\$ 89000	\$ 89000
104	-	300-5.2	Import Roadway Fill, delivered to site.	10,000	CY	\$ 38	\$ 380,000
105	-	305.2	Import - Process and compacted in place	10,000	CY	\$ 6.60	\$ 66,000
106	-	303-6.1, 301-2	11 in Thick Concrete Pavement on CMB	44,947	SF	\$ 14	\$ 629,250
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	\$ 42	\$ 67,410
108	-	800-1	Parkway per landscape plans	2,798	SF	\$ 6.70	\$ 18,746 ⁶⁰
109	-	303-5.1, 301-2	3 1/2" Thick Concrete Sidewalk per City of Torrance standard T103 on CMB	3,277	SF	\$ 9.40	\$ 30,803 ⁸⁰
110	-	303-5.1, 301-2	Construct Concrete Driveway with Depressed Sidewalk per City of Torrance Standard T-W6 T-105, case 1 w/ ADA Ramps @ Drives on CMB	2,028	SF	\$ 13.80	\$ 27,986.40
111	-	303-5.1, 301-2	Construct longitudinal concrete gutter per SPPWC 122 on CMB	496	SF	\$ 10.70	\$ 5,307. ²⁰
112	-	303-5.1, 301-2	Curb with Depressed Access for Wheelchair per ADA Requirements on CMB	55	LF	\$ 28	\$ 1540

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	\$ 1033	\$ 2,099 2,030 <i>all</i>
114	-	302-5, 301-2	4 in Thick A.C. Pavement on CMB	2,931	SF	\$ 412	\$ 1,207 1,172 <i>all</i>
WP-301 WATER PLAN AND PROFILE - 208TH STREET							35172 <i>all</i>
115	-	306	8" DI Pipe, CL 350	915	LF	\$ 80	\$ 73,200
116	-	306	6" DI Pipe, CL 350	262	LF	\$ 70	\$ 18,340
117	-	306	8" Gate Valve	15	EA	\$ 3500	\$ 52,500
118	-	306	Fire Hydrant Assembly	5	EA	\$ 6500	\$ 32,500 30,000 <i>all</i>
119	-	306	6" DI, 90° Elbow	1	EA	\$ 800	\$ 800
120	-	306	8" DI, 90° Elbow	1	EA	\$ 900	\$ 900
121	-	306	8"x8"x6" M.J Tee	9	EA	\$ 800	\$ 7200
122	-	306	Thrust Block	1	LS	\$ 4000	\$ 4000
123	-	306	2" Meter & 2" PVC Service Line w/ Connection to 8" DIP	6	EA	\$ 700	\$ 4200
124	-	306	6" Cap w/Mega Lug & Blow-off	6	EA	\$ 200	\$ 1200
125	-	306	8"x6" Reducer	1	EA	\$ 800	\$ 800
126	-	306	12" Hot Tap Assembly	1	EA	\$ 1800	\$ 1800
127	-	308-6	90 Day Plant Establishment and Landscape Maintenance Period	1	LS	\$ 24,000	\$ 24,000
128	-	-	Utility Coordination Allowance	1	ALW	\$225,000	\$225,000

TOTAL BASE BID PRICE \$ 24,221,251.20 24,323,477.20 *all*
 (Figures)*

TOTAL BASE BID PRICE: Twenty four million two hundred twenty one thousand two hundred fifty one and 20/100
 (Words)*

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

B2017-39

Twenty four million three hundred twenty three thousand four hundred seventy seven and 20/100 *all*

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	\$ 220,000	\$ 220,000

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	\$ 185,000	\$ 185,000
25C	11 5200	-	Paging Systems	1	LS	\$ 106,000	\$ 106,000
25D	11 5200	-	Television Systems	1	LS	\$ 13,000	\$ 13,000
25E	11 5200	-	Conference Room Digital Media Receptacles and Control	1	LS	\$ 13,000	\$ 13,000
25F	11 5200	-	AV Annual Maintenance	5	YR	\$ 25,000	\$ 25,000

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: Royal Construction Corp.

Date: November 22, 2017 By: Hanson Ho, President 

Contractor's State License No. 444780 Class B

Contractor's DIR Registration No. : 1000000672

Address: 11680 Goldring Road, Suite A, Arcadia, CA 91006

Phone: (626) 358-6688

Email: info@royalconstructionsite.com

Fax: (626) 358-0880

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

STATE OF CALIFORNIA }
COUNTY OF Los Angeles }

B2017-39

Hanson Ho, being first duly sworn, deposes and says:

- 1. That he is the President Title of Royal Construction Corp. (Name of Partnership, Corporation, or Sole Proprietorship)

hereinafter called "Contractor," who has submitted to the City of Torrance a proposal for the Construction of TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764, B2017-39;

- 2. That said proposal is genuine; that the same is not sham; that all statement of facts therein are true;
- 3. That such proposal was not made in the interest or behalf of any person, partnership, company, association, organization or corporation not named or disclosed;
- 4. That the Contractor did not, directly or indirectly, induce, solicit or agree with anyone else to submit a false or sham bid, to refrain from bidding, or to withdraw the bid, to raise or fix the bid price of the Contractor or anyone else, or to raise or fix any overhead, profit or cost element of the Contractor's price or the price of anyone else; and did not attempt to induce action prejudicial to the interest of the City of Torrance, or of any other bidder, or anyone else interested in the proposed contract;
- 5. That the Contractor has not in any manner sought by collusion to secure for itself an advantage over any other bidder or to induce action prejudicial to the interests of the City of Torrance, or of any other bidder or of anyone else interested in the proposed contract;
- 6. That the Contractor has not accepted any bid from any subcontractor or materialman through any bid depository, the bylaws, rules or regulations of which prohibit or prevent the Contractor from considering any bid from any subcontractor or materialman, which is not processed through said bid depository, or which prevent any subcontractor or materialman from bidding to any contractor who does not use the facilities of or accept bids from or through such bid depository;

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.

Erika Magaleon

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

Royal Construction Corp.

President (Contractor)

(Title)

[Signature]



ACKNOWLEDGMENT

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 Los Angeles)

On 11/22/2017 before me, Erika Magaleon, Notary Public
(insert name and title of the officer)

personally appeared Hanson Ho
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Erika Magaleon* (Seal)



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: Visual Glass
Subcontractor's Address: 17542 Chatsworth St, Granada Hills
Specific Description of Sub-Contract: Glass, entrance Doors, Curtain walls
Subcontract Dollar Value: 484,450 -
License Number: 797980 CA License Classification/Type: _____
DIR Registration Number: 10000067611

Name Under Which Subcontractor is Licensed: Crown Electrical
Subcontractor's Address: 13423 Garvey Ave. Baldwin Park
Specific Description of Sub-Contract: Electrical
Subcontract Dollar Value: 1,770,000
License Number: 984601 CA License Classification/Type: _____
DIR Registration Number: 1000011586

Name Under Which Subcontractor is Licensed: Commet Electric
Subcontractor's Address: 21625 Prairie St, Chatsworth
Specific Description of Sub-Contract: Site Electric
Subcontract Dollar Value: 693,211
License Number: 681827 CA License Classification/Type: _____
DIR Registration Number: 10000005203

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: _____

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: _____

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: _____

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: _____

LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: JTS Striping
Subcontractor's Address: 1544 S. Vineyard Ave Ontario, Ca. 91761
Specific Description of Sub-Contract: Striping
Subcontract Dollar Value: 37,246⁴⁶
License Number: 538211 CA License Classification/Type: _____
DIR Registration Number: 1000006912

Name Under Which Subcontractor is Licensed: Pacific Steel
Subcontractor's Address: 4805 Murphy Canyon Rd, San Diego
Specific Description of Sub-Contract: Rebar
Subcontract Dollar Value: \$ 218,151
License Number: 997880 CA License Classification/Type: _____
DIR Registration Number: 1000004101

Name Under Which Subcontractor is Licensed: Brady Co.
Subcontractor's Address: 1010 N. Olive, Anaheim Ca. 92815
Specific Description of Sub-Contract: Metal Stud, Plaster, Cement Board
Subcontract Dollar Value: \$ 990,923
License Number: 735258 CA License Classification/Type: _____
DIR Registration Number: 1000008620

LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: Suri Steel
Subcontractor's Address: 5851 Towne Ave, Los Angeles
Specific Description of Sub-Contract: Structural Steel
Subcontract Dollar Value: \$2,205,000
License Number: 945739 CA License Classification/Type: _____
DIR Registration Number: 100014025

Name Under Which Subcontractor is Licensed: Best Contracting
Subcontractor's Address: 19027 S. Hamilton Ave, Gardena
Specific Description of Sub-Contract: Membrane Roofing
Subcontract Dollar Value: \$211,000
License Number: 456263 CA License Classification/Type: _____
DIR Registration Number: 100000563

Name Under Which Subcontractor is Licensed: Weiss
Subcontractor's Address: 1715 West 135th St, Gardena
Specific Description of Sub-Contract: Flashing Sheet Metal, Panels
Subcontract Dollar Value: \$548,772
License Number: 139335 CA License Classification/Type: _____
DIR Registration Number: 100000486

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: Sherrin Glass *HS*
Subcontractor's Address: 10832 Kyle St Unit E, Los Alamitos
Specific Description of Sub-Contract: Entrance Doors, Curtain Walls, Glass
Subcontract Dollar Value: 738,697
License Number: 680201 CA License Classification/Type: _____
DIR Registration Number: 201700742844

Name Under Which Subcontractor is Licensed: Floor Tech America
Subcontractor's Address: 125 Mercury Circle, Pomona
Specific Description of Sub-Contract: Flooring - Tile Carpet
Subcontract Dollar Value: \$51,876
License Number: 853634 CA License Classification/Type: _____
DIR Registration Number: 1000001941

Name Under Which Subcontractor is Licensed: California Granite & Flooring
Subcontractor's Address: 330 Rancheros Dr. Ste 124, San Marcos
Specific Description of Sub-Contract: Flooring - Tile, base
Subcontract Dollar Value: \$165,151
License Number: 893891 CA License Classification/Type: _____
DIR Registration Number: 1000013586

LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: Custom Architectural Designs
Subcontractor's Address: 3392 Florence Rd, Powder Springs
Specific Description of Sub-Contract: Linear Metal Ceiling *HL*
Subcontract Dollar Value: \$ 19,303-68
License Number: _____ CA License Classification/Type: _____
DIR Registration Number: _____

Name Under Which Subcontractor is Licensed: Vomar
Subcontractor's Address: 7800 Deering Ave, Canoga Park
Specific Description of Sub-Contract: Signage
Subcontract Dollar Value: \$ 458,137
License Number: 318214 CA License Classification/Type: _____
DIR Registration Number: 1000006553

Name Under Which Subcontractor is Licensed: SDI Global Specialties
Subcontractor's Address: 10118 Santa Fe Springs Rd, Santa Fe Springs
Specific Description of Sub-Contract: Toilet Partitions
Subcontract Dollar Value: 49,540
License Number: 418396 CA License Classification/Type: _____
DIR Registration Number: 1000005991

LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: Hyfloor

Subcontractor's Address: 2380 E. Artesia Blvd, Long Beach

Specific Description of Sub-Contract: Panel Partition

Subcontract Dollar Value: \$26,300

License Number: 798710 CA License Classification/Type: _____

DIR Registration Number: 1000008192

Name Under Which Subcontractor is Licensed: FFS Tech

Subcontractor's Address: 6000 Venice Blvd Los Angeles

Specific Description of Sub-Contract: Security System

Subcontract Dollar Value: 246,700

License Number: 541227 CA License Classification/Type: _____

DIR Registration Number: 1000005821

Name Under Which Subcontractor is Licensed: Mitsubishi

Subcontractor's Address: 5900 A Katella Ave, Cypress

Specific Description of Sub-Contract: \$122,190

Subcontract Dollar Value: Elevator

License Number: 791291 CA License Classification/Type: _____

DIR Registration Number: 1000009624

LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: Superior Fire Protection
Subcontractor's Address: 18120 Rowland St, City of Industry
Specific Description of Sub-Contract: Fire Sprinkler
Subcontract Dollar Value: \$145,000
License Number: 6664427 CA License Classification/Type: _____
DIR Registration Number: 1000054044

Name Under Which Subcontractor is Licensed: PCL Plumbing
Subcontractor's Address: P.O. Box 1928, Rosemead, CA 91770
Specific Description of Sub-Contract: Rough in Plumbing
Subcontract Dollar Value: \$284,500
License Number: 518704 CA License Classification/Type: _____
DIR Registration Number: 1000052624

Name Under Which Subcontractor is Licensed: Southern Ca Grading
Subcontractor's Address: 16291 Construction Circle, Ste A, Irvine
Specific Description of Sub-Contract: Site Work
Subcontract Dollar Value: \$554,097
License Number: 275738 CA License Classification/Type: _____
DIR Registration Number: 1000002461

LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: Granitex
Subcontractor's Address: 185 E. Paularino St D Costa Mesa
Specific Description of Sub-Contract: Site Concrete
Subcontract Dollar Value: \$1,507,321
License Number: 624608 CA License Classification/Type: _____
DIR Registration Number: 1000083239

Name Under Which Subcontractor is Licensed: Marina
Subcontractor's Address: 3707 W. Burden Grove Blvd, Orange
Specific Description of Sub-Contract: Landscape
Subcontract Dollar Value: 520,000
License Number: 492862 CA License Classification/Type: _____
DIR Registration Number: 1000000079

Name Under Which Subcontractor is Licensed: Fencecorp Inc H/A
Subcontractor's Address: 111 D. Main St. Riverside
Specific Description of Sub-Contract: \$269,407
Subcontract Dollar Value: Fencing
License Number: 886544 CA License Classification/Type: _____
DIR Registration Number: 1000000850

LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: D Y Banag Co.
Subcontractor's Address: 75 Pasco Adelanto, Kernis
Specific Description of Sub-Contract: concrete
Subcontract Dollar Value: 720,065
License Number: 920531 CA License Classification/Type: _____
DIR Registration Number: 1000013945

Name Under Which Subcontractor is Licensed: Cova Constructa
Subcontractor's Address: 4780 Mission Blvd Ontario
Specific Description of Sub-Contract: Fencing
Subcontract Dollar Value: 186,510
License Number: 986355 CA License Classification/Type: _____
DIR Registration Number: 1000004229

Name Under Which Subcontractor is Licensed: Cornerstone Masonry
Subcontractor's Address: 11070 Fleetwood Sun Valley
Specific Description of Sub-Contract: Masonry
Subcontract Dollar Value: 694,111¹⁰
License Number: 817672 CA License Classification/Type: _____
DIR Registration Number: 1000004335

LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: Prime Acoustics
Subcontractor's Address: 31129 Via Colinas Westlake Village
Specific Description of Sub-Contract: Acoustical Ceiling
Subcontract Dollar Value: 59400 -
License Number: 729826 CA License Classification/Type: _____
DIR Registration Number: 100004361

Name Under Which Subcontractor is Licensed: Pacific Coast Blinds
Subcontractor's Address: 1905 Victory Blvd #2, Glendale
Specific Description of Sub-Contract: Shades
Subcontract Dollar Value: 16,000
License Number: 062774 CA License Classification/Type: _____
DIR Registration Number: 1000054006

Name Under Which Subcontractor is Licensed: New Star International
Subcontractor's Address: 807 E Orange Ave #5, Anaheim
Specific Description of Sub-Contract: Casework
Subcontract Dollar Value: 92,000 -
License Number: _____ CA License Classification/Type: _____
DIR Registration Number: 969575
1000013503

LIST OF SUBCONTRACTORS: B2017-39

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Name Under Which Subcontractor is Licensed: Western Paving
Subcontractor's Address: 15533 E Arrow Hwy, Inland
Specific Description of Sub-Contract: Paving
Subcontract Dollar Value: \$ 228 728
License Number: 029093 CA License Classification/Type: _____
DIR Registration Number: 1000003855

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: _____

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): El Monte City School District
Address: 314 W. Arrow Highway, San Dimas, CA 91773
Contact Person: Atta Alsaleh Telephone No.: (909) 305-2332
Email Address: atta.alsaleh@apm-inc.com
Title of Project: Durfee Elementary School
Project Location: 12233 Star Street, El Monte, CA 91732
Duration of Construction: Approximately 2 Years
Date of Completion: July 31, 2017 Contract Amount: \$ 12,074,700
2. Name (Firm/Agency): City of Los Angeles
Address: 1149 S. Broadway, Suite 890, Los Angeles, CA 90015
Contact Person: Hoi Van Luc Telephone No.: (213) 847-4808
Email Address: hoi.vanluc@lacity.org
Title of Project: Woodland Hills Recreation Center
Project Location: 5858 Shoup Avenue, Woodland Hills, CA
Duration of Construction: 2-1/2 Years
Date of Completion: November 09, 2017 Contract Amount: \$ 12,988,000
3. Name (Firm/Agency): Community Development Commission of Los Angeles
Address: 700 W. Main Street, Alhambra, CA 91801
Contact Person: Dan Mendoza Telephone No.: (626) 262-4511
Email Address: daniel.mendoza@laccdc.org
Title of Project: Rowland Heights Community Center
Project Location: 18150 Pathfinder Road, Rowland Heights, CA 91748
Duration of Construction: 1 Year
Date of Completion: April 29, 2013 Contract Amount: \$ 13.2M
4. Name (Firm/Agency): City of Los Angeles
Address: 149 S. Broadway, Suite 890, Los Angeles, CA 90015
Contact Person: Hoi Van Luc Telephone No.: (213) 847-4808
Email Address: hoi.vanluc@lacity.org
Title of Project: Pacoima Neighborhood City Hall
Project Location: 13520 N. Van Nuys Blvd., Pacoima, CA 91331
Duration of Construction: 3 Years
Date of Completion: 2011 Contract Amount: \$ 15,482,290

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
PLEASE SEE ATTACHED PROJECT REFERENCE LIST		

Contractor's License No.: 444780 Class: B

Contractor's DIR Registration No.: 1000000672

a. Date first obtained: August 19, 2014 Expiration: July 2018

b. Has License ever been suspended or revoked? No

If yes, describe when and why: _____

c. Any current claims against License or Bond? None

If yes, describe claims: N/A

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

NAME	TITLE (If Applicable)	LICENSE NO.
<u>Hanson Ho</u>	<u>President</u>	<u>444780</u>
_____	_____	_____
_____	_____	_____

Royal Construction Corp.
11680 Goldring Rd., Ste A
Arcadia, CA 91006

LIST OF REFERENCES

Studio City Library

Start: April, 1999
Completion: January, 2001
Contract: \$3.1M
Owner: City of Los Angeles

3-Libraries: Baldwin, Pacoima, Jefferson Library

Start: August, 2000
Completion: April, 2002
Contract: \$8.8M
Owner: City of Los Angeles

Edendale Library

Start: July, 2002
Completion: September, 2004
Contract: \$3.1M
Owner: City of Los Angeles
Frank Rinaldi
(213) 798-5156

Hyde Park Branch Library

Start: July, 2002
Completion: December, 2004
Contract: \$3M
Owner: City of Los Angeles
Frank Rinaldi
(213) 798-5156

Arroyo Seco Branch Library

Start: August, 2001
Completion: November, 2003
Contract: \$3.7M
Owner: City of Los Angeles
Frank Rinaldi
(213) 798-5156

Sylmar Branch Library

Start: August, 2001
Completion: November, 2003
Contract: \$3.5M
Owner: City of Los Angeles
Frank Rinaldi
(213) 798-5156

Boyle Heights Youth Center

Start: July, 2004
Completion: September, 2006
Contract: \$5.9M
Owner: City of Los Angeles
Frank Rinaldi
(213) 798-5156

Fire Station No. 36

Start: March, 2005
Completion: May, 2005
Contract: \$5.1M
Owner: City of Los Angeles
Joyce Mar
(213) 482-7432

Fire Station No. 62

Start: May, 2005
Completion: May, 2007
Contract: \$7.1M
Owner: City of Los Angeles
Waleed

REFERENCES - PAGE C-17

El Monte High School

Start: January, 2007
Completion: January, 2009
Contract: \$20M
Owner: El Monte Union High School District
Atta Alsaleh
(909) 305-2332

San Dimas Sheriff's Station

Start: June, 2003
Completion: October, 2005
Contract: \$9.9M
Owner: City of Los Angeles
Kathy Risely
(213) 300-3244

Ronald Reagan Presidential Library

Start: 2002
Completion: 2004
Contract: \$7.3M
Owner: National Archives
Alfred Johnson
(800) 410-8354

FE Weymouth Filtration Plant

Start: 2003
Completion: 2006
Contract: \$3.1M
Owner: Metropolitan Water District

Pacoima Neighborhood City Hall

Start: 2008
Completion: 2011
Contract: \$14M
Owner: City of Los Angeles
Hoi Van Luc
(626) 798-7754

Los Angeles Zoo Reptile Center

Start: 2009
Completion: 2012
Contract: \$8M
Owner: City of Los Angeles
Richard Campbell
(323) 644-4774

Siqueiros Mural Protective Shelter

Start: 2010
Completion: 2012
Contract: \$6.6M
Owner: City of Los Angeles
Robert Lomelin
(213) 485-4272

Emblem Elementary School

Start: 2010
Completion: 2013
Contract: \$6.9M
Owner: Saugus Union School District

Rowland Heights Community Center

Start: April, 2013
Contract: \$13.2M
Owner: Community Development Commission
of Los Angeles
Dan Mendoza
(626) 262-4511

Woodland Hills Recreation Center

Start: April, 2005
Contract: \$12,988,000
Owner: City of Los Angeles
Hoi Van Luc
(213) 847-4808

Royal Construction Corp.
11680 Goldring Rd., Ste A
Arcadia, CA 91006

CONTINUE - LIST OF REFERENCES

Durfee Elementary School

Start: August, 2015

Contract: \$12,074,700

Owner: El Monte City School District
Atta Alsaleh
(909) 305-2332

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

Contractor: Royal Construction Corp.

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: No

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

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

DISQUALIFICATION OR DEBARMENT
B2017-39

Contractor: Royal Construction Corp.

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):

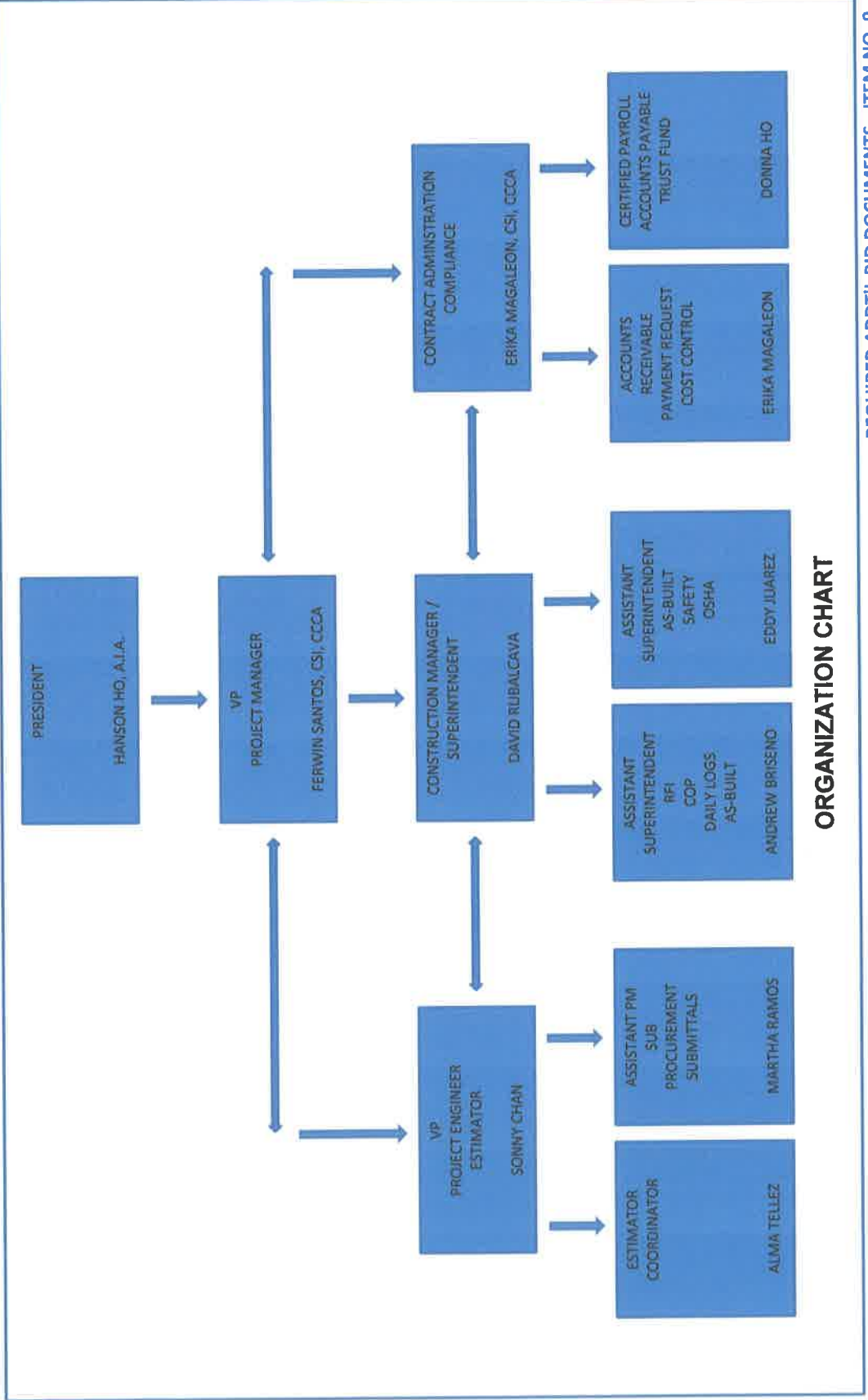
Date: _____ Entity: _____

Location: _____

Reason: N/A

Provide Status and any Supplemental Statement: N/A

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



ORGANIZATION CHART

ROYAL CONSTRUCTION CORP.

BACKGROUND

Royal Construction Corporation was founded in California in 1982. As a general contractor for more than two decades. The management team has gathered a variety of knowledge and experience in residential, commercial and industrial areas. The corporation is currently based in Arcadia, California.

Beginning in 1995, Royal extended its business into public related projects including affordable housing, schools, university facilities, and civic projects such as sheriff station, fire station, public libraries, buildings for City Hall, historical preservation and zoo exhibits, etc.

MISSION STATEMENT

The foundation of our business is based on the success of our clients. We believe that with cooperation and efforts of our team, any initial vision can be transformed to a reality. Our goal is to bring success to our client.

Royal Construction Corporation, headed by Mr. *Hanson A.H. Ho*, who has been a licensed architect and Contractor since 1982, has received many awards for design as an architect, including the National Endowment of the Arts and the State of Massachusetts in 1972. His strong background in planning, design and construction has given the team a wide variety of knowledge and experience and as a result, Royal Construction Corporation has been able to take on different projects and building types.

Royal Construction Corp. is a member of the US Green Building Council and committed to incorporate sustainability and green building best practices. Following are a list of projects we completed for the City of Los Angeles that achieved LEED Certification:

Boyle Heights Youth Center
Rowland Heights Community Center
Woodland Hills Recreation Center
Fire Station No. 62
Fire Station No. 36
Pacoima District City Hall

MANAGEMENT TEAM

Our management team consists of a group of versatile individuals who have earned their education and expertise from different areas and backgrounds. Royal Construction Corporation's management team is trained professionals with specializations in architecture, civil engineering, project management and field supervision. With our growing experiences, our team can meet all of our clients' needs and deliver projects from initial concepts, planning, design to construction and project management.

TEAM MEMBERS

EXECUTIVE

*HANSON HO, A.I.A, CSI, CDT
President*

43 years experience in Planning, Design and Construction Management. A licensed Architect and general contractor. Successfully delivered over 200 projects from single-multi family houses, commercial office complex, warehouse, hotel-motels to various government buildings. With excellent education background in Architecture, City planning including graduate studies in Harvard University, demonstrating superior leadership and integrity to the company and providing high quality services and products.

PROJECT MANAGEMENT TEAM

*FERWIN SANTOS, CSI, CCCA
V.P., General Manager*

31 years experience in construction from field supervision, construction management to project management. A licensed General Contractor and a Certified Construction Contract Administrator, CCCA. Graduated as B.S. in Civil Engineering. Strong ability in scheduling (CPM), cost control, subcontract mobilization, extensive experience in all types of construction, including full responsibility for a 350 units senior housing, Ronald Reagan Presidential Library, eight (8) LA City's Branch Libraries and Fire Stations, Sheriff Station, Schools and more.

*SONNY CHAN, VP
Construction Manager/Estimator*

28 years experience in Design and Construction. Holds a B.S. degree in Architecture, strong ability in logistic planning, construction details, cost estimation, coordination and review of submittals, RFI's and project look ahead. Pro-active in problem solving. Because of his experience and ability as superintendent and project manager he is a valuable team player in project delivery.

*DAVID RUBALCAVA
Construction Manager/Superintendent*

12 years solid experience in construction. Excellent in field supervision and management of large scale projects. Extensive on-hand knowledge of workmanship and quality control of all trades, specialize in cast-in place concrete for concrete. Strong ability in mobilization of labor, equipment, subcontractor and deliver quality project on time, on budget including (4) L.A. City's Branch Libraries, Fire Stations, El Monte High School, Woodland Hills Recreation Center in Woodland Hills, Ca. Completed AA Degree from ITT, Anaheim majoring in Auto CAD drafting and holds a Concrete License.

KRISTOFFER HO

Assistant Superintendent, OSHA Compliance

10 years experience as a field assistant. Specializes in job site daily operations, safety meetings, job record, RFI, Inspection requirements and produce as-built plan and project close-out. An excellent team member for project completion of El Monte High School North Campus, American Tropical and Interpretive Center, L.A. Zoo and Botanical Gardens, San Dimas Sheriff Station, Rowland Heights Community Center and Durfee Elementary School. Holds BA degree in art design from Cal Poly Pomona and completed OSHA required training of safety and risk prevention.

EDDY JUAREZ

Assistant Superintendent

18 years experience in field assistant. Specializes in job site daily operations, safety meetings, job record, RFI, Inspection requirements and produce as-built plan and project close-out, Interior Design & Environment, Auto CAD drafting and Architecture. Completed AA Degree from Los Angeles City College majoring in Architecture, holds an Interior Design & Environment degree from UCLA, and Auto CAD drafting from Los Angeles City College.

ANDREW BRISENO

Assistant Superintendent

2 years in the company. Experience as a field assistant, specializes in job site daily operations, safety meetings, job record, RFI, Inspection requirements and produce as-built plan and project close-out. Outstanding performance and project team work for Durfee Elementary School in El Monte, Ca, DDMBA Temple in El Monte, Ca and Cosmetic Center in Arcadia, Ca. He is attending DeVry University in Pomona for Project Management degree.

MARTHA RAMOS

Assistant Project Manager/Document Control

11 years of experience in procurement of supplier and construction material, submittal procedure, document control and coordination of shipping and subcontractor's scheduling. Coordinate with LEED Specialist and Consultant.

ALMA TELLEZ

Assistant Project Manager/Estimator Coordinator

18 years of experience in procurement of supplier and construction material, submittal procedure, P.O. and inventory control. Communicating with Owner's PM regarding RFI, change order and project close-out, coordinator to subcontractor and material supplier, document control and coordination of shipping and subcontractor's scheduling.

CONTRACT ADMINISTRATION/COMPLIANCE/ACCOUNTING

*ERIKA MAGALEON, CSI, CCCA
VP Office Manager, Contract Administrator*

26 years experience in managing construction accounting, procurement of bonds, insurance, workmen's compensation. Accumulated knowledge in contract general requirement and labor compliance, Certified Construction Contract Administrator (CCCA) and Certified Construction Document Technician (CCDT)

*DONNA HO
Payroll officer*

13 years experience in construction AP, payroll, payroll tax requirement, specialize in Certified Payroll, cost code and labor trade classification.

PROPOSED PROJECT TEAM

TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL

Hanson Ho, AIA President	Leader of entire team, responsible for major decisions and overall performance and delivery of the project. hansonho@royalconstructionsite.com
Fermin Santos, CSI, CCCA	Project Manager, responsible for the scheduling and job progress. Representing the company for negotiation and execution of all contract related issues and oversee all. fsantos@royalconstructionsite.com
Sonny Chan, VP	Project Engineer, responsible for the RFI's, project look ahead, coordination and review of submittals. sonnychan@royalconstructionsite.com
Eddy Juarez	Assistant Superintendent Jobsite safety, OSHA Compliance Risk Management, as built. ejuaraz@royalconstructionsite.com
David Rubalcava	Superintendent in charge of daily operations of construction. Enforce schedule, workmanship, sub/manpower, mobilization, schedule look ahead, RFI, COP. davidr@royalconstructionsite.com
Andrew Briseno	Assistant Superintendent Daily log, RFI, COP, Minutes of Meeting, as built. andrew@royalconstructionsite.com
Martha Ramos	Assistant Project Manager Submittals, RFI Log Document Control martharamos@royalconstructionsite.com

LEED EXPERIENCE

Projects:

Woodland Hills Recreation Center

5454 Shoup Avenue, Woodland Hills, CA

Total Construction Site: 18.57 acres

Total Building SF 22,774 sq ft

Owner- City of Los Angeles, 1149 S. Broadway Suite 890, Los Angeles, CA

Contact - Hoi Van Luc (213) 847-4808

Architect - City of Los Angeles - Marina Quinonez (213) 485-4378

Final Contract Amt - \$12,988,000

Completion Date - November 2017

Contract Duration - 2-1/2 Years

Description - New Gymnasium, Multi-purpose Room, Bathhouse and Mechanical Building

Rowland Heights Community Center

18150 Pathfinder Road, Rowland Heights, CA 91748

Total Construction Site: 2.37 acres

Total Building SF 19,423 sq ft

Owner- Los Angeles Community Development Commission, 700 W. Main St., Alhambra, CA 91801

Contact - Dan Mendoza (626) 262-4511

Architect - Gonzalez Goodale Architects - Octavian Geliman (626) 568-1428

Final Contract Amt - \$13.2M

Completion Date - 4/2013

Contract Duration - 1 Year

Description - 18,500 SF multi-purpose community center, 923 SF maintenance building, new site drainage including retaining/debris walls, new on-site parking/access roads

Boyle Heights Youth Technology Center

1600 E. 4th St. Los Angeles, CA 90023

Total Building SF 20,000 sq ft

Owner- City of Los Angeles 200 N. Spring St. Los Angeles, CA

Contact - Frank Rinaldi (213) 798-5156

Architect - City of Los Angeles - Jenson Wu (213) 485-4778

Final Contract Amt - \$7,110,171

Completion Date - 2006

Contract Duration - 2 Years

Description - Extended educational facility

REQUIRED ADDT'L BID DOCUMENTS - ITEM NO. 11

Royal Construction Corp.
11680 Goldring Rd., Ste A
Arcadia, CA 91006

REQUIRED ADDT'L BID DOCUMENTS - ITEM NO. 12

LIST OF REFERENCES

Studio City Library

Start: April, 1999
Completion: January, 2001
Contract: \$3.1M
Owner: City of Los Angeles

3-Libraries: Baldwin, Pacoima, Jefferson Library

Start: August, 2000
Completion: April, 2002
Contract: \$8.8M
Owner: City of Los Angeles

Edendale Library

Start: July, 2002
Completion: September, 2004
Contract: \$3.1M
Owner: City of Los Angeles
Frank Rinaldi
(213) 798-5156

Hyde Park Branch Library

Start: July, 2002
Completion: December, 2004
Contract: \$3M
Owner: City of Los Angeles
Frank Rinaldi
(213) 798-5156

Arroyo Seco Branch Library

Start: August, 2001
Completion: November, 2003
Contract: \$3.7M
Owner: City of Los Angeles
Frank Rinaldi
(213) 798-5156

Sylmar Branch Library

Start: August, 2001
Completion: November, 2003
Contract: \$3.5M
Owner: City of Los Angeles
Frank Rinaldi
(213) 798-5156

Boyle Heights Youth Center

Start: July, 2004
Completion: September, 2006
Contract: \$5.9M
Owner: City of Los Angeles
Frank Rinaldi
(213) 798-5156

Fire Station No. 36

Start: March, 2005
Completion: May, 2005
Contract: \$5.1M
Owner: City of Los Angeles
Joyce Mar
(213) 482-7432

Fire Station No. 62

Start: May, 2005
Completion: May, 2007
Contract: \$7.1M
Owner: City of Los Angeles
Waleed

El Monte High School

Start: January, 2007
Completion: January, 2009
Contract: \$20M
Owner: El Monte Union High School District
Atta Alsaleh
(909) 305-2332

San Dimas Sheriff's Station

Start: June, 2003
Completion: October, 2005
Contract: \$9.9M
Owner: City of Los Angeles
Kathy Risely
(213) 300-3244

Ronald Reagan Presidential Library

Start: 2002
Completion: 2004
Contract: \$7.3M
Owner: National Archives
Alfred Johnson
(800) 410-8354

FE Weymouth Filtration Plant

Start: 2003
Completion: 2006
Contract: \$3.1M
Owner: Metropolitan Water District

Pacoima Neighborhood City Hall

Start: 2008
Completion: 2011
Contract: \$14M
Owner: City of Los Angeles
Hoi Van Luc
(626) 798-7754

Los Angeles Zoo Reptile Center

Start: 2009
Completion: 2012
Contract: \$8M
Owner: City of Los Angeles
Richard Campbell
(323) 644-4774

Siqueiros Mural Protective Shelter

Start: 2010
Completion: 2012
Contract: \$6.6M
Owner: City of Los Angeles
Robert Lomelin
(213) 485-4272

Emblem Elementary School

Start: 2010
Completion: 2013
Contract: \$6.9M
Owner: Saugus Union School District

Rowland Heights Community Center

Start: April, 2013
Contract: \$13.2M
Owner: Community Development Commission
of Los Angeles
Dan Mendoza
(626) 262-4511

Woodland Hills Recreation Center

Start: April, 2005
Contract: \$12,988,000
Owner: City of Los Angeles
Hoi Van Luc
(213) 847-4808

Royal Construction Corp.
11680 Goldring Rd., Ste A
Arcadia, CA 91006

CONTINUE - LIST OF REFERENCES

Durfee Elementary School

Start: August, 2015

Contract: \$12,074,700

Owner: El Monte City School District
Atta Alsaleh
(909) 305-2332

ROYAL CONSTRUCTION CORP.



11680 Goldring Rd. Ste. A

Arcadia, CA 91006

phone (626) 358-6688

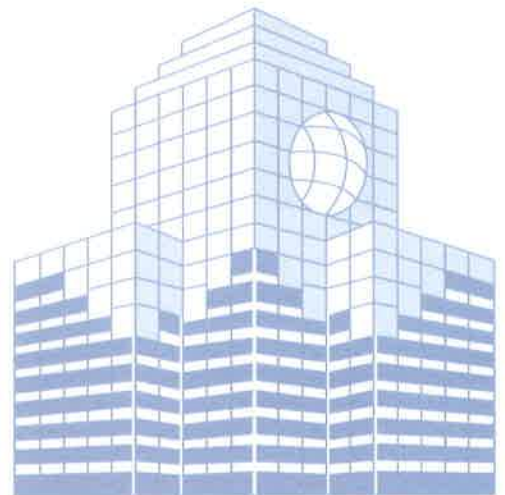
fax (626) 358-0880

www.royalconstructionsite.com



ROYAL CONSTRUCTION CORP.

The foundation of Royal Construction Corp. is based on the success of our clients. We believe that with the efforts and cooperation of our team, any initial vision can be made into a reality. With our growing expertise, our team can meet our clients' needs from initial concepts, planning and design, to construction and project management. Our goal is to bring success to our clients and the community.



Civic

Pacoima Neighborhood City Hall



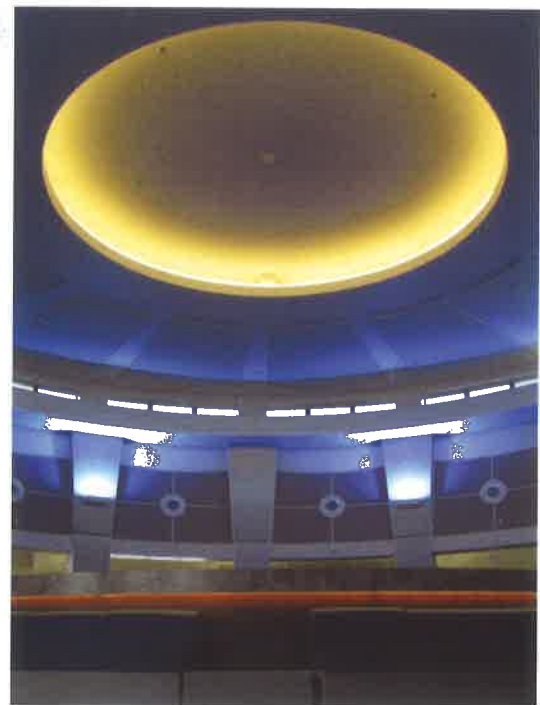
Pacoima Neighborhood City Hall completed in 2011. This project was 12,514 sq ft., with a 22,848 sq ft. subterranean parking garage. The contemporary design utilized large pane windows, curtain wall, sun shades, and stainless steel railing. The project included offices, a training room, retail space, an outdoor theater, and a roof terrace.



Educational

El Monte High School

El Monte High School North Campus, Phase II was completed in 2009. The project included two Type V buildings, totalling 51,200 sq ft. The project featured administration offices, 24 classrooms, an autoshop, and a unique 1,715 sq ft. circular-shaped library. The project also included extensive landscaping, hardscape parking, and field work.



Emblem Academy



Boyle Heights Technology Youth Center



The Boyle Heights Technology Youth Center was completed in 2006. The City of Los Angeles commissioned this project to serve the youth and community in the area.

This youth center is a 2 story, Type I structure, consisting of steel framing. Complete with classrooms, meeting rooms, a giant outdoor TV, this project's total area is 32,500 sq ft. It also features a separate oval-shaped multipurpose room, with a large ceramic mural over the entry door. This project was rated LEED Silver.



LAIR Los Angeles Zoo

Living Amphibians Invertebrates Reptiles, also known as the LAIR at the Los Angeles Zoo and Botanical Gardens, was a 8,400 sq ft. project completed in 2012. It consisted of two exhibition buildings, CMU wall, steel truss, and a Green Roof over waterproofed metal decking. Each building contained various habitats specifically designed to sustain different animals.

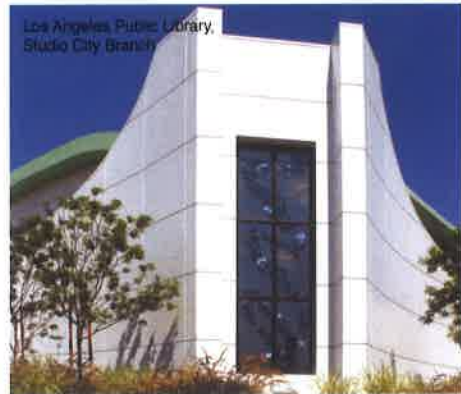
The main building had 3 aquatic exhibits, with waterproofed glazing and a complex life support system for the animals. The exterior also featured a large pond to house alligators. There was extensive landscaping and also shotcrete features to mimic rock work.

Cultural América Tropical

América Tropical was a renovation of part of a historical building located on Olvera Street in Downtown Los Angeles.

Completed in 2012, the 24,000 sq ft. project consisted of constructing a new footing on cast in place concrete piling, and erecting a protective canopy over the famous América Tropical Mural by David Alfaro Siqueiros. Royal Construction Corp. coordinated with the Getty Museum staff to accomplish this.





Libraries

From 1999 to 2004, Royal Construction Corp. was awarded and has completed 8 out of the 32 libraries for the City of Los Angeles. Each of the libraries have its own unique design and characteristics. These projects have benefitted the city and the community.



Ronald Reagan Presidential Library



Royal Constructions Corp. completed the 22,000 sq ft., 2-story addition to the existing Ronald Reagan Presidential Library. The project included CMU wall, structural steel, decking, and a tile roof to match the existing structure.

The project featured an exhibition hall of President Reagan's WWII service, a large convention room, cafeteria, offices, storage, and an outdoor plaza connecting to the Air Force One Pavillion.



Design Build Banks



Office Buildings, Hotels, and T.I.





Lawrence Anderson Photography

LAFD Fire Station 36



Civic LAFD Fire Station 62



Fire Station 62



Lawrence Anderson Photography



Lawrence Anderson Photography

San Dimas Sheriff Station



Projects



- 1990 - American International Bank, Cerritos Branch
- 1990 - American International Bank, Carson Branch
- 1990 - American International Bank, Torrance Branch
- 1990 - American International Bank, City of Industry
- 1991 - Hancock Savings, Larcmont Branch
- 1992 - Omni Bank Main Office, Alhambra Branch
- 1992 - Omni Bank, Monterey Park Branch
- 1992 - Omni Bank, San Jose Branch
- 1995 - Grand Plaza, Cesar Chavez Ave., Los Angeles
- 1996 - Universal Bank Main Office, West Covina
- 1996 - 21 Unit Affordable Housing, Pasadena
- 1996 - 11 Unit Affordable Housing, Bell
- 1996 - Fred C. Nelles School New Maintenance Building, Whittier
- 1997 - Nara Bank, Los Angeles Branch
- 1997 - Nara Bank, Glendale Branch
- 1997 - Nara Bank, San Jose Branch
- 1997 - United National Bank Main Office, Alhambra
- 1997 - United National Bank, Monterey Park Branch
- 1997 - United National Bank, Cupertino Branch
- 1997 - California State Polytechnic University, Pomona Apparel Training Center, Pomona
- 1997 - Nara Bank TI, Torrance Branch
- 1997 - Fung Custom Home, Cerritos
- 1998 - Office Building & TI, Westlake
- 1998 - United National Bank TI, Walnut Branch
- 1998 - United National Bank TI, Irvine Branch
- 1998 - United National Bank TI, Cerritos Branch
- 1998 - United National Bank TI, San Jose Branch
- 1999 - San Jose State University Child Development Center, San Jose

1990



- 1982 - 18 Unit Condo, Arcadia
- 1982 - 4 Unit Condo, Monterey Park
- 1983 - 9 Unit Condo, Arcadia
- 1983 - 20 Unit Condo, Arcadia
- 1983 - Diho Market Expansion, Cerritos
- 1984 - Single Family Homes, Beverly Hills
- 1984 - 16 Unit Apartment, Lakewood
- 1985 - 43 Unit Condo, Monterey Park
- 1985 - 5 Unit Condo, Westwood
- 1985 - AAA Automobile Club District Office, Chino
- 1986 - KTA Warehouse, Carson
- 1986 - Custom Home, Beverly Hills
- 1986 - Pacific Plaza, Long Beach
- 1987 - Pioneer Center (40,000 sq ft Plaza), Artesia
- 1988 - Santa Anita Warehouse, South El Monte
- 1988 - World Plaza (20,000 sq ft Plaza), Artesia
- 1988 - 10 Custom Homes, 178th St., Artesia
- 1989 - China Gate Hotel Restaurant & Plaza, Gardena
- 1989 - Smith Plaza (35,000 sq ft Plaza), Corona
- 1989 - 11 Unit Apartment, Hawaiian Gardens
- 1989 - Dr. Miller's Office Building, Fountain Valley

1980



- 2000 - Los Angeles Public Library, Studio City Branch
- 2000 - Warehouse (25,000 sq ft), Arcadia
- 2002 - Los Angeles Public Library, Baldwin Hills Branch
- 2002 - Los Angeles Public Library, Jefferson Branch
- 2002 - Los Angeles Public Library, Pacoima Branch
- 2003 - Los Angeles Public Library, Sylmar Branch
- 2003 - Los Angeles Public Library, Hyde Park Miriam Matthews Branch
- 2004 - Ronald Reagan Presidential Library Expansion, Simi Valley
- 2004 - Los Angeles Public Library, Arroyo Seco Regional Branch
- 2005 - Los Angeles Public Library, Edendale Branch
- 2005 - 3 Story Office Complex, Monterey Park
- 2005 - Los Angeles County Sheriff's Department, San Dimas Station
- 2005 - F.E. Weymouth Treatment Plant Office Building, La Verne
- 2006 - Boyle Heights Technology Youth Center, Boyle Heights
- 2007 - Los Angeles Fire Department Fire Station 36, San Pedro
- 2007 - Los Angeles Fire Department Fire Station 62, Los Angeles
- 2008 - Mega Bank Branch & Headquarters, San Gabriel
- 2008 - El Monte High School, El Monte

2000

Founded in 1982, Royal Construction Corporation has been a general contractor for over three decades with extensive knowledge and experience in residential, commercial and industrial areas.

This partial project list portrays Royal Construction Corp.'s diversity, versatility, and determination to expand into different building types.



- 2011 - Pacoima Neighborhood City Hall, Pacoima
- 2011 - East West Bank TI, Arcadia Branch
- 2012 - Mega Bank TI, Hacienda Heights Branch
- 2012 - Omni Bank TI, Alhambra Branch
- 2012 - LAIR Los Angeles Zoo & Botanical Gardens, Los Angeles
- 2012 - America Tropical Interpretive Center, Los Angeles
- 2013 - Hui Custom Home, Fullerton
- 2013 - Omni Bank TI, Rowland Heights Branch
- 2013 - Emblem Academy, Saugus
- 2015 - Rowland Heights Community Center

2010

The Rowland Heights Community Center was a complete rebuild of a community park and recreational center. The Project consisted of two new community buildings with structural steel framing, conference room, multi-purpose rooms, banquet hall, and a commercial kitchen. Completed April 2015, the Project's total area is 18,451 sq. ft. It features three tennis courts, a basketball court and a state-of-the-art Splash Pad Playground.

RCC demonstrated a high degree of team work collaborating with the County of LA, Public Works, and Gonzalez Goodale Architects. The buildings are planned to reach a LEED Silver Rating by the USGBC.



BIDDER'S CERTIFICATION

I acknowledge receipt of the foregoing Addendum No. 1 and accept all conditions contained therein.

Royal Construction Corp.

Bidder



By Hanson Ho
President

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. 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.

II. SUBSTITUTION/OR-EQUAL REQUESTS

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

Ref. Spec.	Specified Item	Proposed Substitution / Or Equal	Disposition	City Comment
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"

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 it 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, incl. subgrade prep	27,100	SF	\$	\$
44	31 1000	300-1.1	208th St./ Crenshaw Clearing/Grubbing/Rough grade/Subgrade Prep	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 Subgrade Preparation	37,850	SF	\$	\$
			Imported Borrow	3,643	CY		

59	-	307	Relocate Existing Streetlighting Poles	65	EA	\$	\$
----	---	-----	--	----	----	----	----

78	-	306	6" DI Pipe, CL-350	60	LF	\$	\$ DELETED
----	---	-----	--------------------	----	---------------	----	-----------------------

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.

Item #	DESCRIPTION	UNIT	PAY ITEM DESCRIPTION
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

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. 2 and accept all conditions contained therein.

Royal Construction Corp.

Bidder



By
Hanson Ho
President

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:

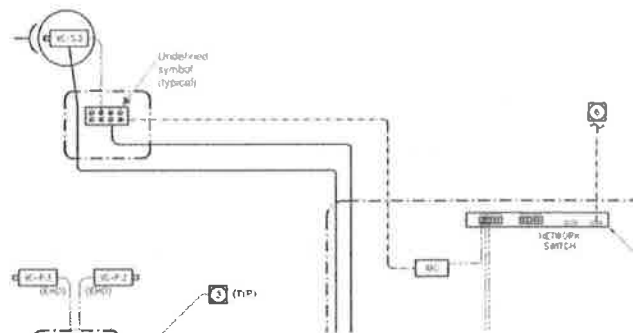
- 1) Is the fiber between network switches to be included in the security scope?

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.

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RFI 10a:

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

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

RFI 10b:

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

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

RFI 10c:

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

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

RFI 11:

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

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

RFI 12a:

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

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

RFI 12b:

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

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

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RFI 12c:

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

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

RFI 12d:

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

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

RFI 12e:

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

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

RFI 13:

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

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

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

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

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RFI 14a:

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

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

RFI 14b:

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

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

RFI 14c:

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

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

RFI 14d:

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

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

RFI 14e:

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

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

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RFI 15a:

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

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

RFI 15b:

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

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

RFI 15c:

c.16 – See painting subcontractor's questions:
1. Please refer to plan sheet A2-43 this canopy indicates high-performance coatings. Please reference specification 09 9600 and confirm which system is to be utilized for the canopy. If 2.4 Fluoropolymer coating system is to be utilized can you please clarify the primer. 1. Shop Primer Tnemec 90-97 Tnemec Zinc 2. Spot Primer: Tnemec Series 94-H20 3. Intermediate Coating: 90-97 Tnemec-Zinc. Please note the

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

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

RFI 15d:

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

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

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RFI 15e:

e.3: Please clarify the finish of the underside of the exposed metal deck at this canopy and if field painted with high-performance coatings which system is to be utilized as well. If the metal deck is being galvanized and requires a high-performance coating system in the field it changes the overall surface preparation.

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

RFI 15f:

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

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

RFI 15g:

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

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

RFI 16a:

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

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

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

RFI 16b:

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

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

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RFI 17a:

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

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

A 17a: Master/Slave configuration.

RFI 17b:

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

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

RFI 17c:

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

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

RFI 17d:

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

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

RFI 17e:

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

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

RFI 17f:

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

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

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RFI 17g:

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

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

RFI 17h:

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

A 17h: Yes, confirmed

RFI 17i:

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

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

RFI 17j:

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

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

RFI 18:

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

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

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

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RFI 19a:

- a ~~22~~ – As a follow-up to Addendum #1, Q#1: Appendix I, Paragraph 18- Insurance specifically requires all subcontractors to provide the same limits of insurance as the general contractor. Many subcontractors do not carry the higher limits and therefore may choose not to bid the project resulting in increased cost. The alternative is for the GC to purchase a separate project insurance policy which covers the GC and all of the subcontractors and that will significantly increase the insurance cost for the project. Will the City allow subcontractors to meet the following minimum requirements, \$2,000,000 for General Liability and \$1,000,000 for Automobile Liability?

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

RFI 19b:

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

A 19b: No.

RFI 19c:

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

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

RFI 19d:

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

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

RFI 19e:

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

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

TORRANCE TRANSIT PARK AND RIDE REGIONAL TERMINAL, FEAP 764 (B2017-39)
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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 208th St. See C2015; SL-2015-002; SS-386; and ST-1066. Refer to Addendum #2 Item III.A for new bid item #128 and Item III.C for the pay item #128 description to address the joint trench. Any single utility or multiple set of utilities in a joint trench will be to applicable code(s).

RFI 20a:

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

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

RFI 20b:

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

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

RFI 20c:

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

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

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RFI 20d:

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

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

RFI 21:

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

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

RFI 22:

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

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

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

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

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

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RFI 23a:

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

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

RFI 23b:

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

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

RFI 23c:

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

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

RFI 23d:

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

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

RFI 23e:

e- Sign type 8 - Is illumination required?

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

RFI 23f:

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

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

RFI 23g:

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

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

RFI 23h:

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

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

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RFI 23i:

Questions: LED Video Displays

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

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

RFI 23j:

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

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

RFI 23k:

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

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

RFI 23l:

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

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

RFI 23m:

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

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

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RFI 23n:

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

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

RFI 23o:

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

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

RFI 24:

- a ~~23~~ - 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 ~~24~~ 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.

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RFI 27a:

- a- ~~A~~: 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- ~~A~~: 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- ~~B~~: 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- ~~B~~: 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.

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RFI 27f:

- i- 7. Please clarify the kickers at the soffit drops on A8-51, several details note kickers 4' on center ea way. Typically this would be alternating. Are two braces required every 4' on center or only one in alternating directions?

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

RFI 27g:

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

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

RFI 27h:

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

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

RFI 27i:

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

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

RFI 27j:

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

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

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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.

Ref. Spec. or Plan Sheet	Specified Item	Proposed Substitution / Or Equal	Disposition	City Comment
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.

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

**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 T-105 T-105, 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 on CMB		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, preparing and consolidating base and preparation , base course, leveling course, tack coat, and all work necessary to install complete in place. There shall be no separate payment for tack coat, header paving or temporary pavement

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

The following items are deleted as shown herein.

Item #	DESCRIPTION	UNIT	PAY ITEM DESCRIPTION
50	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

Item #	DESCRIPTION	UNIT	PAY ITEM DESCRIPTION
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

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

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.

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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."

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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.

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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

- 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. 3 and accept all conditions contained therein.

Royal Construction Corp.

Bidder



By
Hanson Ho
President

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:
- o 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.
 - o 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

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.

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

<https://andpen.egnyte.com/fl/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.

Royal Construction Corp.

Bidder



By Hanson Ho
President

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.**