

ADDENDUM NO. 26

To the Contract Provisions for
CITY OF YAKIMA, WASHINGTON

Yakima Air Terminal, Alpha Taxiway Rehabilitation

HLA Project No. 11049E

BID OPENING: **DECEMBER 3, 2015**

2:00 P.M.

To the attention of all bidders for the above project:

The following additions, revisions, and/or modifications are made to the Contract Documents, Plans, and Specifications for this project:

ITEM 1 – CIVIL CONSTRUCTION PLAN SHEETS

Sheets C5-C12

Add the following sentence at the end of General Note 2:

“Crack sealant shall be hot or cold applied for asphalt concrete pavements meeting ASTM D6690.”

Sheet C25 – Utility Structure Information

Replace with attached Sheet C25.

ITEM 2 – ELECTRICAL CONSTRUCTION PLAN SHEETS

Sheet E49 of E72 Modified Sign and Taxiway Lighting Plan

Revise the location of Taxiway Lights AS-28, AS-29 and AS-30 to match the locations shown on Sheet C59 of C67.

Sheet E58 of E72 ELECTRICAL DETAILS

Revise Detail 4/E58 notes to read:

Taxiway lights shall be LED, shall be 22 inches high and shall be provided with LED lamps, UV resistant lens, 2-inch coupling and heater (Artic Option).

Add a ground rod and connection to the Medium Intensity Taxiway Light mounting detail similar to what is shown on Sheet E59 of E72 for the lighted signs. Add a callout to the ground rod of “GROUND ROD (PER FAA REQUIREMENTS). SEE DETAIL FOR COUNTERPOISE AND GROUNDING ON SHEET C67 FOR ADDITIONAL INFORMATION REGARDING GROUNDING REQUIREMENTS.”

Sheet E59 of E72 ELECTRICAL DETAILS

Add the following information:

Revise the callout to the ground rod and connection to the Medium Intensity Taxiway Light on Details 1/E59 and 2/E59 to read: “GROUND ROD (PER FAA REQUIREMENTS). SEE DETAIL FOR COUNTERPOISE AND GROUNDING ON SHEET C67 FOR ADDITIONAL INFORMATION REGARDING GROUNDING REQUIREMENTS.”

ITEM 3 – SECTION 3 BID PACKAGE

Unit Price Bid Proposal

Replace with attached Unit Price Bid Proposal.

ITEM 4 – SECTION 9 TECHNICAL SPECIFICATIONS – Item L-100 General Airport Electrical

100-2.3 SUBMITTALS

Add the following item to Item 100-2.3 SUBMITTALS, C. I-108
“Counterpoise System”

100-4.0 PAYMENT.

Add Item 23 as follows:

23. The unit price bid for “ILS Critical Area Sign, 24” x 12”, per each, shall be full compensation for all labor, equipment, tools and materials necessary to furnish and install a complete and operational sign.

ITEM 5 – SECTION 9 TECHNICAL SPECIFICATIONS – Item L-108 Underground Power Cable for Airports

108-2.3 BARE COPPER WIRE (COUNTERPOISE, BARE COPPER WIRE GROUND AND GROUND RODS)

Revise the first sentence of the second paragraph to read:

“Ground Rods shall be copper clad steel.”

108-3.6 BARE COUNTERPOISE WIRE INSTALLATION FOR LIGHTNING PROTECTION AND GROUNDING

Revise the second sentence of the second paragraph to read:

“The counterpoise wire shall also be exothermically welded to ground rods installed not more than 500ft (150 m) apart around the entire circuit.”

Delete sub-paragraph (2) of the fourth paragraph in its entirety.

108-3.7 EXOTHERMIC BONDING

Bonding of counterpoise wire shall be by the exothermic welding process. Only personnel experienced in and regularly engaged in this type of work shall make these connections.

ITEM 6 – SECTION 9 TECHNICAL SPECIFICATIONS – Item L-125 Installation of Airport Lighting Systems

125-2.3 TAXIWAY EDGE LIGHTS.

Revise the second paragraph to read:

- b. New taxiway edge lights shall be L-861T(L) base can mounted (Class 2), 6.6A (Mode 1), 22-inch high, omni-directional blue lens with heater option.

This ADDENDUM is to be considered as much a part of the contract provisions as if it were included in the body of the Plans and Specifications.

All Bidders shall acknowledge receipt of the ADDENDUM on the proposal form prior to bid opening.



Stephanie J. Ray, PE
Huibregtse, Louman Associates, Inc.
2803 River Road
Yakima, WA 98902
Phone: (509) 966-7000

11/27/15

Date

UTILITY STRUCTURE ELEVATION TABLE

NOTES:
ALL STRUCTURE FINAL RIM ELEVATIONS SHALL BE ADJUSTED SO THEY ARE 1-INCH BELOW ADJACENT ASBUILT GRADE. THE UTILITY STRUCTURE ELEVATION TABLE LOCATED ON THIS SHEET PROVIDES EXISTING AND NEW RIM ELEVATIONS WITH THE 1-INCH ADJUSTMENT. THESE VALUES ARE BASED ON THE CENTER OF STRUCTURE.

IF FINAL ASBUILT CONDITIONS SHOULD DIFFER THAN THE ELEVATIONS LOCATED ON THIS SHEET THEN THE CONTRACTOR SHALL ADJUST THE STRUCTURE TO 1-INCH LESS THAN THE FINAL GRADE ELEVATION.

1 REPLACE LID WITH AIRCRAFT BEARING LID AND ADJUST STRUCTURE PER DETAIL 20 ON SHEET C64.

2 MANHOLE COVERS ARE REQUIRED TO BE DESIGNED FOR 100,000 POUND WHEEL LOADS WITH 250 PSI TIRE PRESSURE. SAWCUT EXISTING ELECTRICAL VAULT TO RESET EXISTING CONCRETE LID AND STRUCTURE COVER TO FINAL GRADE LESS 1-INCH.

3 ADJUST EXISTING FRAME AND GRATE TO 1-INCH BELOW GRADE.

4 ELECTRICAL STRUCTURE TO BE REMOVED.

STRUCTURE #	STRUCTURE TYPE	EX. RIM ELEV.	NEW RIM ELEV.
1	DRAIN MH	1098.07	1097.75
2	DRAIN MH	1096.65	1097.16
3	ELECTRIC MH	1096.58	1096.64
4	ELECTRIC MH	1096.48	1096.69
5	DRAIN MH	1095.65	1095.65
6	DRAIN MH	1095.38	1095.45
7	DRAIN MH	1093.22	1093.73
8	ELECTRIC MH	1093.00	1092.86
9	ELECTRIC MH	1092.97	1093.52
10	DRAIN MH	1092.31	1092.21
11	DRAIN MH	1092.81	1092.84
12	DRAIN MH	1091.64	1091.69
13	DRAIN MH	1088.54	1088.48
14	DRAIN MH	1088.59	1088.43
15	DRAIN MH	1084.95	1084.92
16	DRAIN MH	1085.10	1085.06
17	ELECTRICAL BOX	1081.49	1082.28
18	DRAIN MH	1081.58	1081.43
19	DRAIN MH	1081.78	1081.49
20	ELECTRICAL BOX	1079.21	1079.18
21	ELECTRICAL BOX	1079.18	1079.18
22	ELECTRICAL BOX	1078.31	1078.25
23	DRAIN MH	1077.91	1077.99
24	DRAIN MH	1077.92	1077.99
25	DRAIN MH	1070.87	1070.88
26	DRAIN MH	1068.71	1068.60
27	DRAIN MH	1068.99	1068.79
28	DRAIN MH	1067.83	1067.82
29	DRAIN MH	1066.57	1068.50
30	DRAIN MH	1068.76	1068.51
31	ELECTRICAL MH	1067.49	1067.91
32	DRAIN MH	1066.24	1066.57
33	ELECTRICAL MH	1065.65	1065.59
34	CATCH BASIN	1065.55	1065.50
35	ELECTRICAL MH	1063.28	1063.27
36	DRAIN MH	1062.72	1063.02
37	ELECTRICAL BOX	1062.02	1062.21
38	ELECTRICAL MH	1061.67	1061.71
39	DRAIN MH	1061.15	1061.15
40	DRAIN MH	1061.45	1061.45
41	ELECTRICAL MH	1060.68	1060.68
42	DRAIN MH	1060.19	1060.19
43	DRAIN MH	1059.74	1059.74
44	DRAIN MH	1058.88	1058.88
45	DRAIN MH	1058.63	1058.63
46	DRAIN MH	1057.76	1057.76
47	ELECTRICAL MH	1057.56	1057.56
48	ELECTRICAL MH	1057.63	1057.63
49	DRAIN MH	1056.42	1056.37

STRUCTURE #	STRUCTURE TYPE	EX. RIM ELEV.	NEW RIM ELEV.
50	DRAIN MH	1056.35	1056.40
51	ELECTRICAL MH	1053.93	1053.97
52	ELECTRICAL MH	1053.94	1053.98
53	ELECTRICAL BOX	1053.67	1053.69
54	DRAIN MH	1053.71	1054.03
55	DRAIN MH	1052.68	1052.59
56	DRAIN MH	1052.49	1052.67
57	ELECTRICAL MH	1052.37	1052.26
58	ELECTRICAL MH	1052.35	1052.33
59	DRAIN MH	1051.68	1051.91
60	DRAIN MH	1050.96	1051.23
61	DRAIN MH	1051.10	1051.22
62	ELECTRICAL MH	1050.82	1050.82
63	ELECTRICAL MH	1050.37	1050.78
64	DRAIN MH	1049.54	1049.54
65	ELECTRICAL MH	1049.25	1049.25
66	ELECTRICAL MH	1097.80	1098.00
67	DRAIN MH	1096.30	1096.37
68	ELECTRICAL MH	1096.44	1096.30
69	DRAIN MH	1091.04	1090.99
70	ELECTRICAL MH	1090.57	1090.50
71	DRAIN MH	1091.77	1091.74
72	ELECTRICAL BOX	1092.44	1092.18
73	DRAIN MH	1080.91	1080.88
74	DRAIN MH	1080.35	1080.43
75	ELECTRICAL MH	1078.97	1078.91
76	ELECTRICAL MH	1080.67	1080.98
77	ELECTRICAL BOX	1080.64	1080.90
78	DRAIN MH	1067.84	1067.77
79	DRAIN MH	1067.31	1067.20
80	ELECTRICAL MH	1065.79	1065.70
81	ELECTRICAL MH	1065.15	1065.19
82	DRAIN MH	1063.70	1064.06
83	ELECTRICAL MH	1062.82	1063.05
84	ELECTRICAL MH	1062.63	1063.09
85	ELECTRICAL MH	1062.20	1062.98
86	DRAIN MH	1051.51	1051.51
87	ELECTRICAL MH	1051.21	1051.21
88	DRAIN MH	1051.66	1051.66
89	ELECTRICAL MH	1053.02	1053.02
90	ELECTRICAL MH	1051.61	1051.60
91	DRAIN MH	1047.85	1047.85
92	CATCH BASIN	1063.41	1063.41
93	DRAIN MH	1053.78	1053.95
94	ELECTRICAL MH	1092.15	1092.09
95	CATCH BASIN	1052.55	1053.38
96	DRAIN MH	1052.85	1053.25
97	ELECTRICAL BOX	1052.65	1052.63
98	ELECTRICAL MH	1059.73	1059.73
99	ELECTRICAL BOX	1093.42	1092.20
100	ELECTRICAL MH	1089.24	1089.15
101	ELECTRICAL BOX	1081.83	1081.69
102	ELECTRICAL MH	1080.94	1080.94
103	DRAIN MH	1067.84	1067.84
104	ELECTRICAL MH	1067.49	1067.49

SEE SHEETS C13-C24 FOR LOCATIONS



2803 River Road
Yakima, WA 98902
509.966.7000
Fax 509.965.3800
www.hlacivil.com



ADDENDUM 4	06-26-14	JOB NUMBER	DATE:
CONFORMED SET	10-16-15	11049	05-28-14
ADDENDUM 26	11-25-15	FILE NAMES:	
		DRAWING: PNP SHEETS.dwg	
		PLAN 11049.dwg	
		PROFILE 11049.dwg	
		DESIGNED BY:	SJR
		ENTERED BY:	TJR
REVISION	DATE		

YAKIMA AIR TERMINAL
ALPHA TAXIWAY REHABILITATION
AIP 3-53-0089-33/36/37
UTILITY STRUCTURE INFORMATION

SHEET
C25
OF
C67

UNIT PRICE BID PROPOSAL

**CITY OF YAKIMA - YAKIMA AIR TERMINAL
ALPHA TAXIWAY REHABILITATION
A.I.P. NO. 3-53-0089-33/36/37 (FY14)
HLA PROJECT NO. 11049**

(NOTE: Unit prices for all items, all extensions, and total amount of bid must be shown. Any changes/corrections to the bid must be initialed by the signer of the bid, in accordance with Section 20-07.)

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANT.		UNIT PRICE DOLLARS-CTS	AMOUNT DOLLARS-CTS
BID SCHEDULE A - Alpha Taxiway Improvements (Phases 1 - 5)						
1	Mobilization	LS	---	X	---	=
2	Temporary Flagging, Marking and Signing	LS	---	X	---	=
3	Clearing and Grubbing, P-151	LS	---	X	---	=
4	Remove and Replace Existing Regulator	LS	1	X		=
5	Remove and Reinstall High Intensity Runway Light	EA	10	X		=
6	Remove Pull Hole	EA	2	X		=
7	Remove Medium Intensity Taxiway Light	EA	214	X		=
8	Remove Medium Intensity Taxiway Light Base Can	EA	78	X		=
9	Abandon Medium Intensity Taxiway Light Base Can	EA	133	X		=
10	Reuse Medium Intensity Taxiway Light Base Can	EA	3	X		=
11	Install New Medium Intensity Taxiway Light, L-861T(L) With Base Can	EA	243	X		=
12	Install New Medium Intensity Taxiway Light, L-861T(L) in Existing Base Can	EA	3	X		=
13	Conductor, L-824, 5kV	LF	35,000	X		=
14	2 Inch Electrical Conduit, L-110	LF	13,250	X		=
15	4 Inch Electrical Conduit, L-110	LF	6,500			=
16	Trench Surfacing Removal and Repair, Type 1	SY	70	X		=
17	Trench Surfacing Removal and Repair, Type 2	SY	450	X		=
18	Trench Surfacing Removal and Repair, Type 3	SY	180	X		=
19	Trench Surfacing Removal and Repair, Type 5	SY	360	X		=
20	Trench Surfacing Removal and Repair, Type 6	SY	860	X		=
21	Trench Surfacing Removal and Repair, Type 7	SY	200	X		=
22	Trench Surfacing Removal and Repair, Type 8	SY	80	X		=
23	Trench Surfacing Removal and Repair, Type 9	SY	80	X		=
24	Trench Surfacing Removal and Repair, Type 10	SY	60	X		=
25	Electrical Conduit Trenching, Bedding and Backfill, L-110	LF	19,000	X		=
26	Electrical Duct Bank, Type 1, L-110	LF	2,150	X		=
27	Electrical Duct Bank, Type 3, L-110	LF	960	X		=

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANT.		UNIT PRICE DOLLARS-CTS	AMOUNT DOLLARS-CTS
BID SCHEDULE A - Alpha Taxiway Improvements (Phases 1 - 5)						
28	Electrical Duct Bank, Type 4, L-110	LF	85	X		=
29	Electrical Duct Bank, Type 5, L-110	LF	390	X		=
30	Electrical Duct Bank, Type 6, L-110	LF	1,650	X		=
31	New 1-Module Sign, L-858	EA	7	X		=
32	New 2-Module Sign, L-858	EA	21	X		=
33	New 3-Module Sign, L-858	EA	23	X		=
34	Remove Existing Lighted Sign	EA	50	X		=
35	Remove Existing Lighted Sign Base	EA	41	X		=
36	Electrical Junction Structure, L-115	EA	2	X		=
37	Miscellaneous Electrical System Improvements	LS	---	X	---	=
38	Adjust Drainage Structure	EA	9			=
39	Existing Electrical Manhole/Junction Structure Elevation Adjustment, L-115	EA	30	X		=
40	Remove Existing Structure	EA	2	X		=
41	Replace Frame and Grate	EA	52	X		=
42	Cold Planing, P-101	SY	109,200	X		=
43	Unclassified Excavation Incl. Haul, P-152	CY	20,900	X		=
44	Crushed Aggregate Base Course, P-209	TON	28,850	X		=
45	Bituminous Surface Course, P-401	TON	28,750	X		=
46	Temporary Painting, P-620 (1 Coat)	SF	44,300	X		=
47	Permanent Painting, P-620 (2 Coats)	SF	86,600	X		=
48	Permanent Painting, P-620 (1 Coat Black)	SF	85,000	X		=
49	Retroreflective Sign, L-858	EA	4	X		=
50	Stop Sign, R1-1	EA	7	X		=
51	Do Not Proceed Sign, 24"x12"	EA	7	X		=
52	Retroreflective Markers, L-853	EA	17	X		=
53	Crack Filling (Greater than 1/4-Inch)	LF	5,625	X		=
54	Crack Sealing (Less than 1/4-Inch)	LF	106,625	X		=
55	Seeding, Fertilizing, and Mulching	AC	3	X		=
SUBTOTAL BID SCHEDULE A						
WASHINGTON STATE SALES TAX 8.2%						
BID SCHEDULE A TOTAL						

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANT.		UNIT PRICE DOLLARS-CTS		AMOUNT DOLLARS-CTS
BID SCHEDULE B – Alpha Taxiway Edge to Non-Movement Line (Phases 1 - 5)							
56	Mobilization	LS	---	X	---	=	
57	Temporary Flagging, Marking and Signing	LS	---	X	---	=	
58	Adjust Drainage Structure	EA	3				
59	Existing Electrical Manhole/Junction Structure Elevation Adjustment, L-115	EA	4	X		=	
60	Remove Existing Structure	EA	1	X		=	
61	Replace Frame and Grate	EA	3	X		=	
62	Cold Planing, P-101	SY	16,350	X		=	
63	Bituminous Surface Course, P-401	TON	1,950	X		=	
64	Temporary Painting, P-620 (1 Coat)	SF	3,875	X		=	
65	Permanent Painting, P-620 (2 Coats)	SF	7,750	X		=	
66	Permanent Painting, P-620 (1 Coat Black)	SF	9,700	X		=	
67	Crack Filling (Greater than 3/8-Inch)	LF	13,300	X		=	
68	Crack Sealing (Less than 3/8-Inch)	LF	18,350	X		=	
SUBTOTAL BID SCHEDULE B							
WASHINGTON STATE SALES TAX 8.2%							
BID SCHEDULE B TOTAL							

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANT.		UNIT PRICE DOLLARS-CTS		AMOUNT DOLLARS-CTS
BID SCHEDULE C – Non-Alpha Taxiway Airfield Sign Improvements (Phase 6)							
69	Mobilization	LS	---	X	---	=	
70	Temporary Flagging, Marking and Signing	LS	---	X	---	=	
71	Clearing and Grubbing, P-151	LS	---	X	---	=	
72	Remove Existing Lighted Sign	EA	25	X		=	
73	Remove Existing Lighted Sign Base	EA	10	X		=	
74	Conductor, L-824, 5kV	LF	5,850	X		=	
75	2-Inch Electrical Conduit, L-110	LF	2,770	X		=	
76	Electrical Conduit Trenching, Bedding and Backfill, L-110	SY	2,770	X		=	
77	New 1-Module Sign, L-858	EA	3	X		=	
78	New 2-Module Sign, L-858	EA	11	X		=	
79	New 3-Module Sign, L-858	EA	11	X		=	
80	Retroreflective Sign, L-858	EA	2	X			
81	Stop Sign, R1-1	EA	2	X			
82	Do Not Proceed Sign, 24"x12"	EA	2	X			
83	ILS Critical Area Sign, 24"x12"	EA	1	X			
SUBTOTAL BID SCHEDULE C							

WASHINGTON STATE SALES TAX 8.2%	
BID SCHEDULE C TOTAL	

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANT.		UNIT PRICE DOLLARS-CTS	=	AMOUNT DOLLARS-CTS
BID SCHEDULE D – Non-Alpha Taxiway Marking Improvements (Phase 7)							
84	Mobilization	LS	---	X	---	=	
85	Temporary Flagging, Marking and Signing	LS	---	X	---	=	
86	Permanent Painting, P-620 (2 Coats)	SF	130,450	X		=	
87	Permanent Painting, P-620 (1 Coat Black)	SF	4,250	X		=	
SUBTOTAL BID SCHEDULE D							
WASHINGTON STATE SALES TAX 8.2%							
BID SCHEDULE D TOTAL							

SUMMARY OF SCHEDULE TOTALS	
Schedule A Total	
Schedule A + B Total	
Schedule A + B + C Total	
Schedule A + B +C + D Total	