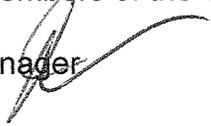




City Council Agenda Item Meeting of May 3, 2016

TO: The Honorable Mayor and Members of the City Council
FROM: James R. O'Connor, City Manager 
DATE: April 26, 2016

SUBJECT: Award of Contract to Rehabilitate Taxiway C (FAA AIP-39; FDOT #430941-1-94-01) – Bid #: 060-16/CSS

REQUESTED BY: City Manager/Airport Director

The following is requested as it relates to the above-referenced agenda item:

- Request Council review and approval based on the attached documentation.
 - No action required. (Information only)
-

MEMORANDUM

TO: James R. O'Connor, City Manager
VIA: Wayne R. Coment, City Attorney
FROM: Ericson W. Menger, Airport Director
DATE: April 22, 2016
SUBJECT: AWARD OF CONTRACT TO REHABILITATE TAXIWAY C (FAA AIP-40; FDOT #430941-1-94-01) (Bid #: 060-16/CSS)

Please see the attached Bid Tabulation and Engineer's Recommendation from CDM Smith/Amherst Consulting to award Ranger Construction this project in the amount of \$3,999,375.50 [see bid tab for breakdown (Bid Schedules A, B & C, Alt B-1, Alt B-2, Alt C-1)].

BACKGROUND:

This project was approved in the City's Five-Year Capital Improvement Program. The goal is to Rehabilitate Taxiway C, which serves as our primary taxiway. Pavement crack sealing and a small asphalt section was overlaid in 2010. Recent Pavement Condition Index (PCI) readings by FDOT indicate that it is time for the entire taxiway, including run-up areas and connectors, to be overlaid. Staff is also recommending including upgrades to the lighting and signage.

The project is being funded by both Federal Aviation Administration (FAA) at 90% and Florida Department of Transportation (FDOT) at 5%, leaving the additional 5% for the Airport to fund. The final FAA grant application (after bidding the project to contractors) will be submitted in May/June 2016, FAA funding for this project will be available Sept/Oct 2016.

FUNDING:

The total cost of the project is estimated at \$5,196,264. The Federal Aviation Administration (FAA) has verbally committed \$4,114,064 toward the project cost but has not yet offered a grant for the construction portion of the project. FDOT has committed grant funds in the amount of \$728,600 to help fund the project cost. The balance (\$353,600) will be the responsibility of the airport. No general fund expenditures are anticipated for this project. The funding for this project will come from account #443.4000.542.615032.

ANALYSIS:

Strengths: Taxiway C, our main taxiway, will be completely rehabilitated by the end of 2016.

Weaknesses: For a time, aircraft traffic will need to be re-directed around construction on the taxiway.

Opportunities: FDOT and FAA are very supportive of this project as this is our primary taxiway. Federal and state grants will ultimately fund at least 90% of the project, with no cost to the City's general fund.

Threats: If the FAA does not fund the project, it will not go forward (this is unlikely). Notice to Proceed will not be issued by the City until the FAA grant is received and accepted by the City Council.

RECOMMENDATION:

Staff respectfully request that this item be placed on the May 3, 2016, City Council Agenda, recommending approval of the Award of Contract to Ranger Construction in the amount \$3,999,375.50.

EWM:drg

Attachments

cc: Airport Commission Members (via email/US mail)
City Manager's Office (via email)
Finance Department (via email)



April 20, 2016

AHC No. 14070.01

Danielle Gernert
Airport Project Manager
Vero Beach Regional Airport
3400 Cherokee Drive
P.O. Box 1389
Vero Beach, FL 32961-1389

**Re: Vero Beach Regional Airport (VRB)
REHABILITATE TAXIWAY C
FAA AIP NO.: TBD
FDOT FM NO. 430941-1-94-01
C.O.V.B. BID NUMBER 060-16/CSS**

Bid Tabulation & Recommendation to Award

Dear Ms. Gernert:

AmHerst Consulting is pleased to transmit the Bid Tabulation and Recommendation to Award for the referenced project. As you know, bids were opened at 2:30 PM local time April 18th with *two (2) bids received* for all of the work advertised. In the order that they were read aloud, bids were received from:

- Ranger Construction Industries, Inc.
- Community Asphalt Corporation

There were no bids received for part(s) of the work advertised. The bid documents were structured to allow the City to award one or more Bid Schedules and/or Additive Alternates depending upon the bids received and depending upon the availability of funds. An itemized bid tabulation is enclosed for your use.

Initial Observations

The City of Vero Beach's Purchasing Division performed its own analysis and concluded that the Bids submitted were complete and in accordance with the bid requirements.

AHC concluded that both Bidder's bids appeared to be in order. Therefore, both bids received were deemed responsive.



Bid Tabulation

From each of the responsive submissions, we generated the bid tabulation for the project. The tabulation was compiled using the unit costs for each item contained in the bid schedules and then compared with the bid submittal from each bidder. No mathematical inconsistencies were found in the bids.

We analyzed the bids for the BID SCHEDULE A, BID SCHEDULE B, ADDITIVE ALTERNATE B-1, ADDITIVE ALTERNATE B-2, BID SCHEDULE C and ADDITIVE ALTERNATE C-1 work (basis of award). Therefore, based upon unit price extensions and totals, the following order, from low bid to high, of all responsive bidders was established based upon the basis of award.

Rankings for the Bidders based upon an award of the BID SCHEDULE A, BID SCHEDULE B, ADDITIVE ALTERNATE B-1, ADDITIVE ALTERNATE B-2, BID SCHEDULE C and ADDITIVE ALTERNATE C-1 work is shown Table1 below:

RANK	Bid Schedule A, Bid Schedule B, Additive Alternate B-1, Additive Alternate B-2, Bid Schedule C and Additive Alternate C-1 (Basis of Award)
1	Ranger Construction Industries, Inc.
2	Community Asphalt Corporation

Table 1: Bid Award Scenario – Basis of Award

Identification of Lowest and Most Responsive Bidder

With the evaluation above and after consultation with the City, we've declared Ranger's bid to be the lowest and most responsive bid.

Summary

BID SCHEDULE A, BID SCHEDULE B, ADDITIVE ALTERNATE B-1, ADDITIVE ALTERNATE B-2, BID SCHEDULE C and ADDITIVE ALTERNATE C-1 – awarded to the lowest and most responsive bidder for the combination of schedules

Based upon the above, it is recommended that the City proceed with recognizing Ranger Construction Industries, Inc., as the lowest and most responsive bidder and begin the process of entering into a construction contract for the performance of BID SCHEDULE A, BID SCHEDULE B, ADDITIVE ALTERNATE B-1, ADDITIVE ALTERNATE B-2, BID SCHEDULE C and ADDITIVE ALTERNATE C-1 work in the total unit cost amount of \$3,999,375.50, the amount of their bid using the unit prices they submitted.



AIP/NON-AIP Disposition

It should be noted that the **BID SCHEDULE A, BID SCHEDULE B, ADDITIVE ALTERNATE B-2, BID SCHEDULE C** and **ADDITIVE ALTERNATE C-1** work in the total unit cost amount of \$3,953,555.50 under this project is eligible for Federal and State (FDOT) participation (AIP Eligible).

The work contained under **Additive Alternate B-1** in the total unit cost amount of \$45,820.00 is eligible for State (FDOT) participation only (NON-AIP).

Please be reminded that the proper processes must be followed for award of a construction contract involving FAA and FDOT funds. The City should not award a construction contract without the concurrence of the funding agencies, so anything that must go to the City Commission could do so 'contingent upon agency concurrence'.

If you have any questions or require additional information, please call me at the office at (407) 480-3553.

SINCERELY,

AMHERST CONSULTING COMPANY, LLC

A handwritten signature in black ink, appearing to read 'Todd N. Zimmerman', is written over a horizontal line.

TODD N. ZIMMERMAN, PE
PRINCIPAL

Enclosure (Bid Tabulation)

cc: Eric Menger, Vero Beach Regional Airport
Carol Shoaf, City of Vero Beach Purchasing Division
Bill Ferris, FAA Orlando Airports District Office
Laurie McDermott, FDOT District 4

BID TABULATION

Project: TAXIWAY C REHABILITATION
 Airport: VERO BEACH REGIONAL AIRPORT
 Owner: CITY OF VERO BEACH
 AIP No: TBD
 FM No.: 430941-1-94-01
 COVB Bid No.: 060-16/CSS
 Date: APRIL 20, 2016

AmHerst Consulting Company, LLC

BID SCHEDULE A - AIP ELIGIBLE					ENGINEER'S OPINION OF PROBABLE COST		RANGER CONSTRUCTION INDUSTRIES, INC.		COMMUNITY ASPHALT CORPORATION	
Item	Spec. No.	Description	Unit	Est. Qty	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	GP-105-1	MOBILIZATION	LS	1	\$100,000.00	\$100,000.00	\$290,000.00	\$290,000.00	\$185,366.01	\$185,366.01
2	SP-14-1	RESIDENT PROJECT REPRESENTATIVE OFFICE (\$50/DAY MIN)	DAY	60	\$100.00	\$6,000.00	\$58.00	\$3,480.00	\$139.58	\$8,374.80
3	P-102-5.1	TRAFFIC CONTROL	LS	1	\$11,000.00	\$11,000.00	\$70,000.00	\$70,000.00	\$97,626.42	\$97,626.42
4	P-103-5.1	CONCRETE PAVEMENT REMOVAL (6" NOMINAL)	SY	9,500	\$4.00	\$38,000.00	\$4.50	\$42,750.00	\$8.85	\$84,075.00
5	P-103-5.2	ASPHALTIC PAVEMENT MILLING (5" NOMINAL)	SY	12,000	\$6.00	\$72,000.00	\$2.00	\$24,000.00	\$5.55	\$66,600.00
6	P-103-5.3	MISCELLANEOUS/INCIDENTAL DEMOLITION	SY	1	\$10,000.00	\$10,000.00	\$10,500.00	\$10,500.00	\$27,246.87	\$27,246.87
7	P-103-5.4	UNCLASSIFIED EXCAVATION	LS	2,320	\$12.00	\$27,840.00	\$14.15	\$32,828.00	\$19.57	\$45,402.40
8	P-151-4.2	UNSUITABLE EXCAVATION	AC	740	\$25.00	\$18,500.00	\$14.80	\$10,952.00	\$4.70	\$3,478.00
9	P-152-4.1	TEMPORARY ENVIRONMENTAL CONTROLS	CY	1	\$15,000.00	\$15,000.00	\$3,500.00	\$3,500.00	\$2,324.68	\$2,324.68
10	P-156-5.1	LIMEROCK BASE COURSE (11" THICK) LBR=125	LS	12,600	\$20.00	\$252,000.00	\$24.45	\$308,070.00	\$26.79	\$337,554.00
11	P-211-5.1	BITUMINOUS SURFACE COURSE	SY	3,000	\$142.00	\$426,000.00	\$120.30	\$360,900.00	\$116.62	\$349,860.00
12	P401-8.1.1	BITUMINOUS PRIME COAT	TON	3,150	\$5.00	\$15,750.00	\$4.35	\$13,702.50	\$5.03	\$15,844.50
13	P602-5.1	BITUMINOUS TACK COAT	GAL	1,260	\$5.00	\$6,300.00	\$3.45	\$4,347.00	\$5.03	\$6,337.80
14	P603-5.1	RUNWAY AND TAXIWAY PAINTING, YELLOW REFLECTIVE	GAL	3,930	\$2.00	\$7,860.00	\$0.85	\$3,340.50	\$2.27	\$8,921.10
15	P-620-5.1	RUNWAY AND TAXIWAY PAINTING, BLACK NON-REFLECTIVE	SF	6,740	\$2.00	\$13,480.00	\$0.60	\$4,044.00	\$1.95	\$13,143.00
16	P-620-5.2	SURFACE PAINTED HOLDING POSITION SIGN (1 EACH)	SF	1	\$4.00	\$4.00	\$345.00	\$345.00	\$2,641.68	\$2,641.68
17	P-620-5.3	SODDING (ARGENTINE BAHIA)	SF	2,000	\$5.00	\$10,000.00	\$2.65	\$5,300.00	\$5.07	\$10,140.00
18	P-620-5.4	DITCH BOTTOM INLET (TYPE D, FDOT INDEX 232)	SF	2	\$5,000.00	\$10,000.00	\$13,000.00	\$26,000.00	\$5,283.37	\$10,566.74
19	T-904-5.1	DITCH BOTTOM INLET (TYPE H, 2 & 3 GRATE INLET, FDOT INDEX 232)	SY	1	\$6,000.00	\$6,000.00	\$32,000.00	\$32,000.00	\$6,340.04	\$6,340.04
20	706-3	18" DIAMETER RCP - CLASS III	EA	64	\$100.00	\$6,400.00	\$42.00	\$2,688.00	\$79.25	\$5,072.00
21	430-175-118	SLOTTED DRAIN, GALVANIZED CMP 12" DIAMETER PIPE	LF	1,500	\$200.00	\$300,000.00	\$214.00	\$321,000.00	\$190.20	\$285,300.00
22	430-175-124	NO. 8 AWG, TYPE C CABLE INSTALLED IN TRENCH, DUCT BANK OR CONDUIT	LF	1,100	\$1.25	\$1,375.00	\$1.20	\$1,320.00	\$1.11	\$1,221.00

BID TABULATION

Project: TAXIWAY C REHABILITATION
 Airport: VERO BEACH REGIONAL AIRPORT
 Owner: CITY OF VERO BEACH
 AIP No: TBD
 FM No.: 430941-1-94-01
 COVB Bid No.: 060-16/CSS
 Date: APRIL 20, 2016

23	430-982-133	NO. 6 AWG, SOLID, BARE COUNTERPOISE WIRE, INSTALLED IN TRENCH, ABOVE DUCT BANK OR CONDUIT, INCLUDING GROUND RODS AND GROUND	EA	1,025	\$1.25	\$1,281.25	\$1.35	\$1,383.75	\$1.22	\$1,250.50	
24	430-982-133	1-2" SCHEDULE 40 PVC CONDUIT DIRECT BURIED IN EARTH (TRENCHING INCLUDED)	EA	1,025	\$5.00	\$5,125.00	\$4.15	\$4,253.75	\$3.80	\$3,895.00	
25	L-125-5.1	REMOVE AND DISPOSE OF EXISTING CONCRETE LIGHT BASE; REMOVE & RETAIN EXISTING LED L-881T TAXIWAY EDGE LIGHT FIXTURE	EA	13	\$150.00	\$1,950.00	\$167.00	\$2,171.00	\$153.22	\$1,991.86	
26	L-125-5.2	INSTALL NEW CONCRETE BASE (CAN & CONDUIT SYSTEM) FOR MEDIUM INTENSITY TAXIWAY EDGE LIGHT; INSTALL EXISTING LED LIGHT FIXTURE	EA	12	\$700.00	\$8,400.00	\$667.00	\$8,004.00	\$612.87	\$7,354.44	
27	L-125-5.3	REWIRE AND CONNECT NEW LIGHTS TO EXISTING LIGHTING AND COUNTERPOISE CIRCUIT (EXISTING LED L-881T TAXIWAY EDGE LIGHT)	EA	4	\$250.00	\$1,000.00	\$103.50	\$414.00	\$95.10	\$380.40	
28	L-125-5.5	LOCATE AND RE-SPLICE EXISTING WINDSOCK LIGHTING CIRCUIT, INSTALL 2-INCH CONDUIT, L-867-B J-CAN IN TURF, L-868-B J-CAN IN PAVEMENT, #8 L-824C CABLE.	LS	1	\$10,000.00	\$10,000.00	\$1,150.00	\$1,150.00	\$1,056.67	\$1,056.67	
29	L-126-9.1	REMOVE EXISTING 1 MODULE SIGN, FRANGIBLE COUPLINGS, FLEXIBLE CONDUIT, L-830 TRANSFORMER AND BASE PLATE	EA	6	\$100.00	\$600.00	\$260.00	\$1,560.00	\$68.68	\$412.08	
30	L-126-9.2	REMOVE EXISTING 2 MODULE SIGN, FRANGIBLE COUPLINGS, FLEXIBLE CONDUIT, L-830 TRANSFORMER AND BASE PLATE	EA	10	\$150.00	\$1,500.00	\$271.00	\$2,710.00	\$79.25	\$792.50	
31	L-126-9.3	REMOVE EXISTING 3 MODULE SIGN, FRANGIBLE COUPLINGS, FLEXIBLE CONDUIT, L-830 TRANSFORMER AND BASE PLATE	EA	8	\$200.00	\$1,600.00	\$283.00	\$2,264.00	\$69.82	\$718.56	
32	L-126-9.4	REMOVE EXISTING 4 MODULE SIGN, FRANGIBLE COUPLINGS, FLEXIBLE CONDUIT, L-830 TRANSFORMER AND BASE PLATE	EA	6	\$250.00	\$1,500.00	\$294.00	\$1,764.00	\$100.38	\$602.28	
33	L-126-9.5	L-858 Y/R/L SINGLE OR DOUBLE FACE (1 MODULE) LED SIGN, MOUNTED ON EXISTING CONCRETE BASE W/ NEW LEGEND PANELS, REWIRED AND CONNECTED.	EA	6	\$1,500.00	\$9,000.00	\$2,325.00	\$13,950.00	\$1,965.41	\$11,792.46	
34	L-126-9.6	L-858 Y/R/L SINGLE OR DOUBLE FACE (2 MODULE) LED SIGN, MOUNTED ON EXISTING CONCRETE BASE W/ NEW LEGEND PANELS, REWIRED AND CONNECTED.	EA	9	\$2,500.00	\$22,500.00	\$3,325.00	\$29,925.00	\$2,884.72	\$25,962.48	
35	L-126-9.7	L-858 Y/R/L SINGLE OR DOUBLE FACE (3 MODULE) LED SIGN, MOUNTED ON EXISTING CONCRETE BASE W/ NEW LEGEND PANELS, REWIRED AND CONNECTED.	EA	9	\$3,000.00	\$27,000.00	\$4,336.00	\$39,024.00	\$3,814.59	\$34,331.31	
36	L-126-9.8	L-858 Y/R/L SINGLE OR DOUBLE FACE (4 MODULE) LED SIGN, MOUNTED ON EXISTING CONCRETE BASE W/ NEW LEGEND PANELS, REWIRED AND CONNECTED.	EA	6	\$4,000.00	\$24,000.00	\$5,315.00	\$31,890.00	\$4,712.76	\$28,276.56	
37	L-126-9.9	REMOVE EXISTING CONCRETE PAD, INSTALL NEW CONCRETE PAD WITH L-867 BASE AND BASE PLATE, INSTALL NEW L-858 Y/R/L SINGLE OR DOUBLE FACE (2	EA	1	\$4,800.00	\$4,800.00	\$4,950.00	\$4,950.00	\$4,374.63	\$4,374.63	
38	L-126-9.10	MODIFY/EXTEND EXISTING CONCRETE BASE TO ACCOMMODATE OVERALL LENGTH OF NEW LED SIGN	EA	2	\$1,000.00	\$2,000.00	\$645.00	\$1,290.00	\$591.74	\$1,183.48	
39	L-126-9.11	INSTALL NEW L-858 Y/R/L SINGLE OR DOUBLE FACE (3 MODULE) LED SIGN, POWER CORDSET THROUGH SIDE OF SIGN, MOUNTED ON NEW CONCRETE BASE W/ NEW	EA	3	\$5,500.00	\$16,500.00	\$5,360.00	\$16,080.00	\$4,755.03	\$14,265.09	
40	L-126-9.13	REMOVE EXISTING 3 MODULE SIGN, FRANGIBLE COUPLINGS, FLEXIBLE CONDUIT, L-830 TRANSFORMER AND ENTIRE CONCRETE BASE	EA	3	\$250.00	\$750.00	\$472.00	\$1,416.00	\$264.17	\$792.51	
41	L-126-9.14	REWIRE AND CONNECT NEW SIGN TO EXISTING LIGHTING AND COUNTERPOISE CIRCUIT	EA	3	\$250.00	\$750.00	\$86.00	\$258.00	\$79.25	\$237.75	
BID SCHEDULE A TOTAL							\$1,493,765.25		\$1,735,524.50		\$1,713,106.60

BID TABULATION

Project: TAXIWAY C REHABILITATION
 Airport: VERO BEACH REGIONAL AIRPORT
 Owner: CITY OF VERO BEACH
 AIP No: TBD
 FM No.: 430941-1-94-01
 COVB Bid No.: 060-16/CSS
 Date: APRIL 20, 2016

AmHerst Consulting Company, LLC

BID SCHEDULE B - PHASES 2 & 3 (AIP ELIGIBLE)					ENGINEER'S OPINION OF PROBABLE COST		RANGER CONSTRUCTION INDUSTRIES, INC.		COMMUNITY ASPHALT CORPORATION	
Item	Spec. No.	Description	Unit	Est. Qty	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
42	GP-105-1	MOBILIZATION	LS	1	\$70,000.00	\$70,000.00	\$106,200.00	\$106,200.00	\$138,286.79	\$138,286.79
43	SP-16	RESIDENT PROJECT REPRESENTATIVE OFFICE (\$50/DAY MIN)	DAY	80	\$100.00	\$8,000.00	\$58.00	\$4,640.00	\$108.88	\$8,710.40
44	P-102-5.1	TRAFFIC CONTROL	LS	1	\$10,000.00	\$10,000.00	\$57,180.00	\$57,180.00	\$17,346.41	\$17,346.41
45	P-103-5.3	ASPHALTIC PAVEMENT MILLING (4" NOMINAL)	SY	11,725	\$6.00	\$70,350.00	\$1.40	\$16,415.00	\$3.98	\$46,665.50
46	P-103-5.5	ASPHALTIC PAVEMENT MILLING (1.5" NOMINAL)	SY	1,200	\$3.00	\$3,600.00	\$0.75	\$900.00	\$6.97	\$8,364.00
47	P-103-5.6	MISCELLANEOUS/INCIDENTAL DEMOLITION	LS	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$33,723.59	\$33,723.59
48	P-152-4.1	UNCLASSIFIED EXCAVATION	CY	4,150	\$12.00	\$49,800.00	\$13.20	\$54,780.00	\$10.04	\$41,666.00
49	P-156-5.1	TEMPORARY ENVIRONMENTAL CONTROLS	LS	1	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$5,626.78	\$5,626.78
50	P-211-5.1	LIMEROCK BASE COURSE (11" THICK) LBR=125	SY	11,725	\$20.00	\$234,500.00	\$24.10	\$282,572.50	\$24.68	\$289,373.00
51	P-401-8.1.1	BITUMINOUS SURFACE COURSE	TON	3,500	\$142.00	\$497,000.00	\$100.00	\$350,000.00	\$115.52	\$404,320.00
52	P-602-5.1	BITUMINOUS PRIME COAT	GAL	2,950	\$5.00	\$14,750.00	\$4.35	\$12,832.50	\$5.03	\$14,838.50
53	P-603-5.1	BITUMINOUS TACK COAT	GAL	1,300	\$5.00	\$6,500.00	\$3.45	\$4,485.00	\$5.03	\$6,539.00
54	P-620-5.1	RUNWAY AND TAXIWAY PAINTING, YELLOW REFLECTIVE	SF	3,000	\$2.00	\$6,000.00	\$0.85	\$2,550.00	\$2.27	\$6,810.00
55	P-620-5.2	RUNWAY AND TAXIWAY PAINTING, BLACK NON-REFLECTIVE	SF	6,010	\$2.00	\$12,020.00	\$0.60	\$3,606.00	\$1.95	\$11,719.50
56	P-620-5.3	SURFACE PAINTED HOLDING POSITION SIGNS (1 EACH)	EA	1	\$4.00	\$4.00	\$345.00	\$345.00	\$2,641.68	\$2,641.68
57	T-904-5.1	SODDING (ARGENTINE BAHIA)	SY	1,000	\$5.00	\$5,000.00	\$2.65	\$2,650.00	\$5.07	\$5,070.00
BID SCHEDULE B TOTAL						\$1,002,524.00		\$912,656.00		\$1,041,701.15

BID TABULATION

Project: TAXIWAY C REHABILITATION
 Airport: VERO BEACH REGIONAL AIRPORT
 Owner: CITY OF VERO BEACH
 AIP No: TBD
 FM No.: 430941-1-94-01
 COVB Bid No.: 060-16/CSS
 Date: APRIL 20, 2016

AmHerst Consulting Company, LLC

ADD ALT B-1 (NON AIP ELIGIBLE)					ENGINEER'S OPINION OF PROBABLE COST		RANGER CONSTRUCTION INDUSTRIES, INC.		COMMUNITY ASPHALT CORPORATION	
Item	Spec. No.	Description	Unit	Est. Qty	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
58	GP-105-1	MOBILIZATION	LS	1	\$6,000.00	\$6,000.00	\$1,500.00	\$1,500.00	\$758.84	\$758.84
59	P-102-5.1	TRAFFIC CONTROL	LS	1	\$5,000.00	\$5,000.00	\$6,700.00	\$6,700.00	\$326.96	\$326.96
60	P-103-5.5	ASPHALTIC PAVEMENT MILLING (1.5")	SY	1,700	\$3.00	\$5,100.00	\$3.40	\$5,780.00	\$4.45	\$7,565.00
61	P-156-5.1	TEMPORARY ENVIRONMENTAL CONTROLS	LS	1	\$5,000.00	\$5,000.00	\$500.00	\$500.00	\$80.57	\$80.57
62	P-401-8.1.1	BITUMINOUS SURFACE COURSE	TON	200	\$142.00	\$28,400.00	\$140.00	\$28,000.00	\$150.98	\$30,196.00
63	P-603-5.1	BITUMINOUS TACK COAT	GAL	200	\$5.00	\$1,000.00	\$3.45	\$690.00	\$5.03	\$1,006.00
64	T-904-5.1	SODDING (ARGENTINE BAHIA)	SY	1,000	\$5.00	\$5,000.00	\$2.65	\$2,650.00	\$5.07	\$5,070.00
ADD ALT B-1 TOTAL						\$55,500.00		\$45,820.00		\$45,003.37

BID TABULATION

Project: TAXIWAY C REHABILITATION
 Airport: VERO BEACH REGIONAL AIRPORT
 Owner: CITY OF VERO BEACH
 AIP No: TBD
 FM No.: 430941-1-94-01
 COVB Bid No.: 060-16/CSS
 Date: APRIL 20, 2016

AmHerst Consulting Company, LLC

ADD ALT B-2 (AIP ELIGIBLE)					ENGINEER'S OPINION OF PROBABLE COST		RANGER CONSTRUCTION INDUSTRIES, INC.		COMMUNITY ASPHALT CORPORATION	
Item	Spec. No.	Description	Unit	Est. Qty	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
65	GP-105-1	MOBILIZATION	LS	1	\$21,308.00	\$21,308.00	\$5,300.00	\$5,300.00	\$3,035.36	\$3,035.36
66	P-102-5.1	TRAFFIC CONTROL	LS	1	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$1,307.85	\$1,307.85
67	P-103-5.4	ASPHALTIC PAVEMENT MILLING (2.25")	SY	10,400	\$3.00	\$31,200.00	\$1.00	\$10,400.00	\$0.74	\$7,696.00
68	P-156-5.1	TEMPORARY ENVIRONMENTAL CONTROLS	LS	1	\$5,000.00	\$5,000.00	\$250.00	\$250.00	\$80.57	\$80.57
69	P-401-8.1.1	BITUMINOUS SURFACE COURSE	TON	1,150	\$142.00	\$163,300.00	\$112.70	\$129,605.00	\$111.04	\$127,696.00
70	P-603-5.1	BITUMINOUS TACK COAT	GAL	900	\$5.00	\$4,500.00	\$3.50	\$3,150.00	\$5.03	\$4,527.00
71	P-620-5.1	RUNWAY AND TAXIWAY PAINTING, YELLOW REFLECTIVE	SF	1,000	\$2.00	\$2,000.00	\$0.85	\$850.00	\$2.27	\$2,270.00
72	P-620-5.2	RUNWAY AND TAXIWAY PAINTING, BLACK NON-REFLECTIVE	SF	1,400	\$2.00	\$2,800.00	\$0.60	\$840.00	\$1.95	\$2,730.00
73	L-108-5.1	NO. 8 AWG, TYPE C CABLE INSTALLED IN TRENCH, DUCT BANK OR CONDUIT	LF	550	\$1.25	\$687.50	\$1.20	\$660.00	\$1.11	\$610.50
74	L-108-5.2	NO. 6 AWG, SOLID, BARE COUNTERPOISE WIRE, INSTALLED IN TRENCH, ABOVE DUCT BANK OR CONDUIT, INCLUDING GROUND RODS AND GROUND	LF	450	\$1.25	\$562.50	\$1.30	\$585.00	\$1.22	\$549.00
75	L-110-5.1	1-2" SCHEDULE 40 PVC CONDUIT DIRECT BURIED IN EARTH (TRENCHING INCLUDED)	LF	450	\$5.00	\$2,250.00	\$4.15	\$1,867.50	\$3.80	\$1,710.00
76	L-125-5.1	REMOVE AND DISPOSE OF EXISTING CONCRETE LIGHT BASE; REMOVE & RETAIN EXISTING LED L-861T TAXIWAY EDGE LIGHT FIXTURE	EA	7	\$150.00	\$1,050.00	\$145.00	\$1,015.00	\$132.08	\$924.56
77	L-125-5.2	INSTALL NEW CONCRETE BASE (CAN & CONDUIT SYSTEM) FOR MEDIUM INTENSITY TAXIWAY EDGE LIGHT; INSTALL EXISTING LED LIGHT FIXTURE	EA	7	\$700.00	\$4,900.00	\$771.00	\$5,397.00	\$707.97	\$4,955.79
78	L-125-5.3	REWIRE AND CONNECT NEW LIGHTS TO EXISTING LIGHTING AND COUNTERPOISE CIRCUIT (EXISTING LED L-861T TAXIWAY EDGE LIGHT)	EA	4	\$250.00	\$1,000.00	\$100.00	\$400.00	\$89.82	\$359.28
79	T-904-5.1	SODDING (ARGENTINE BAHIA)	SY	2,500	\$5.00	\$12,500.00	\$2.65	\$6,625.00	\$5.07	\$12,675.00
ADD ALT B-2 TOTAL						\$258,058.00		\$172,944.50		\$171,126.91

BID TABULATION

Project: TAXIWAY C REHABILITATION
Airport: VERO BEACH REGIONAL AIRPORT
Owner: CITY OF VERO BEACH
AIP No: TBD
FM No.: 430941-1-94-01
COVB Bid No.: 060-16/CSS
Date: APRIL 20, 2016

AmHerst Consulting Company, LLC

BID SCHEDULE C (AIP ELIGIBLE)					ENGINEER'S OPINION OF PROBABLE COST		RANGER CONSTRUCTION INDUSTRIES, INC.		COMMUNITY ASPHALT CORPORATION	
Item	Spec. No.	Description	Unit	Est. Qty	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
80	GP-105-1	MOBILIZATION	LS	1	\$31,000.00	\$31,000.00	\$46,800.00	\$46,800.00	\$14,001.32	\$14,001.32
81	SP-14-1	RESIDENT PROJECT REPRESENTATIVE OFFICE (\$50/DAY MIN)	DAY	6	\$50.00	\$300.00	\$58.00	\$348.00	\$111.67	\$670.02
82	P-102-5.1	TRAFFIC CONTROL	LS	1	\$10,000.00	\$10,000.00	\$26,400.00	\$26,400.00	\$10,336.84	\$10,336.84
83	P-103-5.3	ASPHALTIC PAVEMENT MILLING (4" NOMINAL)	SY	9,500	\$2.25	\$21,375.00	\$1.80	\$17,100.00	\$3.85	\$36,575.00
84	P-103-5.6	MISCELLANEOUS/INCIDENTAL DEMOLITION	LS	1	\$10,000.00	\$10,000.00	\$1,810.00	\$1,810.00	\$22,333.50	\$22,333.50
85	P-152-4.1	UNCLASSIFIED EXCAVATION	CY	50	\$12.00	\$600.00	\$13.15	\$657.50	\$35.56	\$1,778.00
86	P-156-5.1	TEMPORARY ENVIRONMENTAL CONTROLS	LS	1	\$5,000.00	\$5,000.00	\$3,900.00	\$3,900.00	\$4,781.45	\$4,781.45
87	P-211-5.1	LIMEROCK BASE COURSE (11" THICK) LBR=125	SY	125	\$20.00	\$2,500.00	\$24.20	\$3,025.00	\$26.80	\$3,350.00
88	P-401-8.1.1	BITUMINOUS SURFACE COURSE	TON	2,225	\$142.00	\$315,950.00	\$115.30	\$256,542.50	\$112.76	\$250,891.00
89	P-602-5.1	BITUMINOUS PRIME COAT	GAL	2,375	\$5.00	\$11,875.00	\$4.30	\$10,212.50	\$5.03	\$11,946.25
90	P-603-5.1	BITUMINOUS TACK COAT	GAL	950	\$5.00	\$4,750.00	\$3.45	\$3,277.50	\$5.03	\$4,778.50
91	P-620-5.1	RUNWAY AND TAXIWAY PAINTING, YELLOW REFLECTIVE	SF	1,400	\$2.00	\$2,800.00	\$0.85	\$1,190.00	\$2.27	\$3,178.00
92	P-620-5.2	RUNWAY AND TAXIWAY PAINTING, BLACK NON-REFLECTIVE	SF	3,435	\$2.00	\$6,870.00	\$0.60	\$2,061.00	\$1.95	\$6,698.25
93	P-620-5.3	SURFACE PAINTED HOLDING POSITION SIGNS (1 EACH)	EA	1	\$640.00	\$640.00	\$345.00	\$345.00	\$2,641.68	\$2,641.68
94	T-904-5.1	SODDING (ARGENTINE BAHIA)	SY	1,200	\$5.00	\$6,000.00	\$2.65	\$3,180.00	\$4.53	\$5,436.00
95	L-108-5.1	NO. 8 AWG, TYPCE C CABLE INSTALLED IN TRENCH, DUCT BANK OR CONDUIT	LF	525	\$1.25	\$656.25	\$1.20	\$630.00	\$1.11	\$582.75
96	L-108-5.2	NO. 6 AWG, SOLID, BARE COUNTERPOISE WIRE, INSTALLED IN TRENCH, ABOVE DUCT BANK OR CONDUIT, INCLUDING GROUND RODS AND GROUND	LF	450	\$1.25	\$562.50	\$1.30	\$585.00	\$1.22	\$549.00
97	L-110-5.1	1-2" SCHEDULE 40 PVC CONDUIT DIRECT BURIED IN EARTH (TRENCHING INCLUDED)	LF	450	\$5.00	\$2,250.00	\$4.15	\$1,867.50	\$3.80	\$1,710.00
98	L-125-5.1	REMOVE AND DISPOSE OF EXISTING CONCRETE LIGHT BASE; REMOVE & RETAIN EXISTING LED L-861T TAXIWAY EDGE LIGHT FIXTURE	EA	5	\$150.00	\$750.00	\$145.00	\$725.00	\$132.08	\$660.40
99	L-125-5.2	INSTALL NEW CONCRETE BASE (CAN & CONDUIT SYSTEM) FOR MEDIUM INTENSITY TAXIWAY EDGE LIGHT; INSTALL EXISTING LED LIGHT FIXTURE	EA	5	\$700.00	\$3,500.00	\$771.00	\$3,855.00	\$707.97	\$3,539.85
100	L-125-5.3	REWIRE AND CONNECT NEW LIGHTS TO EXISTING LIGHTING AND COUNTERPOISE CIRCUIT (EXISTING LED L-861T TAXIWAY EDGE LIGHT)	EA	2	\$250.00	\$500.00	\$100.00	\$200.00	\$89.82	\$179.64
101	L-125-5.4	INSTALL NEW CONCRETE BASE (CAN & CONDUIT SYSTEM) FOR MEDIUM INTENSITY TAXIWAY EDGE LIGHT; INSTALL NEW LED LIGHT FIXTURE	EA	2	\$1,100.00	\$2,200.00	\$1,100.00	\$2,200.00	\$1,003.84	\$2,007.68
BID SCHEDULE C TOTAL						\$440,078.75		\$386,911.50		\$388,625.13

BID TABULATION

AmHerst Consulting Company, LLC

Project: TAXIWAY C REHABILITATION
 Airport: VERO BEACH REGIONAL AIRPORT
 Owner: CITY OF VERO BEACH
 AIP No: TBD
 FM No.: 430941-1-94-01
 COVB Bid No.: 060-16/CSS
 Date: APRIL 20, 2016

ADD ALT C-1 (AIP ELIGIBLE)					ENGINEER'S OPINION OF PROBABLE COST		RANGER CONSTRUCTION INDUSTRIES, INC.		COMMUNITY ASPHALT CORPORATION	
Item	Spec. No.	Description	Unit	Est. Qty	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
102	GP-105-1	MOBILIZATION	LS	1	\$60,000.00	\$60,000.00	\$45,000.00	\$45,000.00	\$42,309.54	\$42,309.54
103	SP-14-1	RESIDENT PROJECT REPRESENTATIVE OFFICE (\$50/DAY MIN)	DAY	34	\$50.00	\$1,700.00	\$58.00	\$1,972.00	\$109.37	\$3,718.58
104	P-102-5.1	TRAFFIC CONTROL	LS	1	\$5,000.00	\$5,000.00	\$26,000.00	\$26,000.00	\$13,199.09	\$13,199.09
105	P-103-5.4	ASPHALTIC PAVEMENT MILLING (2.25" NOMINAL)	SY	11,000	\$4.00	\$44,000.00	\$1.55	\$17,050.00	\$2.88	\$31,680.00
106	P-103-5.4	MISCELLANEOUS/INCIDENTAL DEMOLITION	LS	1	\$5,000.00	\$5,000.00	\$4,805.00	\$4,805.00	\$15,633.45	\$15,633.45
107	P-152-4.1	UNCLASSIFIED EXCAVATION (INCLUDING EXISTING BASE COURSE)	CY	4,100	\$12.00	\$49,200.00	\$13.35	\$54,735.00	\$10.33	\$42,353.00
108	P-156-5.1	TEMPORARY ENVIRONMENTAL CONTROLS	LS	1	\$5,000.00	\$5,000.00	\$500.00	\$500.00	\$80.57	\$80.57
109	P-211-5.1	LIMEROCK BASE COURSE (11" THICK) LBR=125	SY	12,100	\$20.00	\$242,000.00	\$24.40	\$295,240.00	\$24.60	\$297,660.00
110	P-401-8.1.1	BITUMINOUS SURFACE COURSE	TON	2,530	\$142.00	\$359,260.00	\$111.10	\$281,083.00	\$111.54	\$282,196.20
111	P-602-5.1	BITUMINOUS PRIME COAT	GAL	2,750	\$5.00	\$13,750.00	\$4.40	\$12,100.00	\$5.03	\$13,832.50
112	P-603-5.1	BITUMINOUS TACK COAT	GAL	1,100	\$5.00	\$5,500.00	\$3.45	\$3,795.00	\$5.03	\$5,533.00
113	P-620-5.1	RUNWAY AND TAXIWAY PAINTING, YELLOW REFLECTIVE	SF	900	\$2.00	\$1,800.00	\$0.85	\$765.00	\$2.27	\$2,043.00
114	P-620-5.1	RUNWAY AND TAXIWAY PAINTING, BLACK NON-REFLECTIVE	SF	1,370	\$2.00	\$2,740.00	\$0.60	\$822.00	\$1.95	\$2,671.50
115	T-904-5.1	SODDING (ARGENTINE BAHIA)	SY	560	\$5.00	\$2,800.00	\$2.95	\$1,652.00	\$4.73	\$2,648.80
ADD ALT C-1 TOTAL						\$797,750.00		\$745,519.00		\$755,559.23
Total Bid Schedules						\$4,047,676.00		\$3,999,375.50		\$4,115,122.39