

EXPLANATION OF CONSENT AGENDA ITEM E.2.c.(2) June 22, 2016

ITEM:

Consideration of approving a purchase order to Rush Construction Inc. under their continuing services construction/management contract for the construction for the Marlin Street Roadway Improvements in an amount not to exceed \$1,927,780.80. (Narváez-Lugo/Crowe)

EXPLANATION:

The existing condition of the asphalt and subgrade of Marlin Street is currently in a state of disrepair. There are some areas without proper drainage which leads to frequent standing water and localized flooding. The localized flooding will be detrimental to the passing of new vehicles from vehicle staging areas on the east and west side of Marlin Street. The proposed improvements to Marlin Street include a new storm drain system, new heavy-duty asphalt pavement and subgrade and a new lighting system along the street which will provide visibility during any operations in the area and for security.

Funding Review by Finance (Pat Poston): The total NTE amount of \$1,927,781 is expected to be spent in FY16 and FY17. The funds are included in the Capital Budget for those fiscal years and no increase is required. [Budget item 2005 - Cove Roads Phase 2]

Staff Recommends Approval

Prepared by Veronica Narváez-Lugo / Bill Crowe, P.E.





June 07, 2016

**Reference: Marlin Street Roadway Improvements
Port Canaveral, Fl**

Subject: Basis of Proposal Conceptual Construction Budgets

RUSH Construction, Inc. (RUSH) is pleased to offer the following basis of proposal statement:

Clarifications and/or Qualifications pertaining to our proposal are as follows:

INCLUDED

1. This proposal is solely based on the Conceptual Site Plan as prepared by Construction Engineering Group sheet G-1, G-2, C-1, C-2, C-3, C-4, C-5, C-6, E-100, E-101, and E-201.
2. BID SUMMARY break-downs showing the scope of work are provided for your review.
3. The general scope of this proposal includes the construction of the following:
 - a) Associated site work and underground utilities
 - b) Site signage
 - c) Site and utility permitting and certifications per the applicable agencies
4. This will be a 22 week construction= 5 months. Our proposal is based on having unrestricted access to the work area and normal business work hours. No weekend work or after hours work is included with this proposal, however, RUSH retains the right to work weekends and/or after hours, if desired, with proper coordination provided to Owner.
5. The Project Superintendent will be located on-site and will operate from this location during the actual performance of the work. Other project personnel assigned to this project will function primarily from other locations.
6. A performance bond has been included in our proposal.
7. A red-lined copy of as-built drawings will be provided at the completion of the project. A final survey, topographical survey and electronic as-builts and closing documents will not be provided, unless requested.

EXCLUDED

1. All unforeseen differing conditions (concealed or exposed) are specifically excluded. If any differing conditions arise, they will be brought to the Owner's immediate attention for their action
2. All Utility Connection Fees, Tap-On Fees, Impact Fees, Permit Certifications, Maintenance Bonds, or Fees of any kind related to the performance of this project (if applicable) are excluded. All costs associated with any utility connections and/or relocates from Florida Power & Light, AT&T, Florida City Gas, Bright House Networks, or any other service provider have been excluded from this proposal.
3. Removal of any hazardous waste or material is excluded.

4. Any unsuitable removal below 10' at storm water excavation is excluded per Geotek report
5. All temporary power and water consumption during construction will be paid by the Owner.
6. If any changes are made to the scope of work in the Bid Documents during the permitting process, a change proposal will be provided to the Owner for their acceptance prior to the commencement of work.

This Basis of Proposal document and Bid Summary will be required to be part of any resulting contract.

Base Bid	\$ 1,417,528.00
Additive Alternate	\$ 106,295.00
Contingency	\$ 152,382.00
Grand Total	\$ 1,676,205.00
Allowance to cover CT-1 pond	\$260,000
Allowance to install a new lift station	\$ 75,000
Sub-Total	\$1,752,528
10% Contingency	\$ 175,252.80
TOTAL	\$ 1,927,780.80

MARLIN STREET ROADWAY IMPROVEMENTS
Port Canaveral, FL



RUSH Construction, Inc.
6285 VectorSpace Blvd
Titusville, FL 32780

		Budget	
1 GENERAL CONDITIONS		Total General Conditions:	
		\$	97,985.00
SITE WORK			
2	1 LS Clearing	\$13,500.00	\$ 13,500.00
3	1 LS Mobilization	\$9,495.00	\$ 9,495.00
4	300 FT Temporary Entrance	\$20.00	\$ 6,000.00
5	5500 FT Silt Fence	\$2.25	\$ 12,375.00
6	4713 SY Demo Asphalt	\$2.50	\$ 11,782.50
7	4713 SY Demo Base	\$2.50	\$ 11,782.50
8	1833 SY Strip Topsoil	\$3.50	\$ 6,415.50
9	1 LS Demo Concrete	\$9,500.00	\$ 9,500.00
10	1 LS General Demo	\$10,500.00	\$ 10,500.00
11	8200 CY Excavate & Grade	\$6.25	\$ 51,250.00
12	1 LS Grading	\$18,000.00	\$ 18,000.00
13	4800 CY Haul Off Spoil	\$6.25	\$ 30,000.00
14	5905 SY 3" Asphalt	\$18.60	\$ 109,833.00
15	5905 SY Tack	\$0.75	\$ 4,428.75
16	5905 SY Prime	\$0.75	\$ 4,428.75
17	6200 SY 10" Base	\$14.25	\$ 88,350.00
18	6200 SY 12" Stabilized Subbase	\$4.25	\$ 26,350.00
19	1 LS Stripes & Signs	\$4,500.00	\$ 4,500.00
20	1 LS Layout & As-Builts	\$32,000.00	\$ 32,000.00
21	1 LS Fencing	\$16,000.00	\$ 16,000.00
22	3435 SY Temporary Road (use	\$6.25	\$ 21,468.75
23	1 LS Traffic Control	\$20,000.00	\$ 20,000.00
24	1 LS Dewatering	\$18,000.00	\$ 18,000.00
25	5142 SY 10" Limerock Shoulder	\$14.25	\$ 73,273.50
26	5142 SY 12" Stabilization For	\$4.25	\$ 21,853.50
27	20 FT Synthetic Hay Bales	\$55.00	\$ 1,100.00
28	800 FT Saw Cutting	\$3.00	\$ 2,400.00
29			
		Total Site:	\$ 634,586.75
Utilities			
30	4 EA Type D Structures	\$7,350.00	\$ 29,400.00
31	3 EA Type F Structures	\$12,274.00	\$ 36,822.00
32	1 EA Type J-8 Manholes (13)	\$10,762.00	\$ 10,762.00
33	1 EA Type J-8 Manholes (11)	\$10,762.00	\$ 10,762.00
34	1 EA Type J-8 Conflict	\$26,825.00	\$ 26,825.00
35	216 LF 54" RCP	\$204.75	\$ 44,226.00
36	432 LF 48" RCP	\$165.90	\$ 71,668.80
37	269 LF 29 x 45 ERCP	\$130.20	\$ 35,023.80
38	1528 LF 36" RCP	\$98.20	\$ 150,049.60
39	380 LF 24" RCP	\$60.40	\$ 22,952.00
40	3 EA Connect To Existing	\$1,522.50	\$ 4,567.50
41	1 LS Trench Shoring	\$5,040.00	\$ 5,040.00
42	1 LS Dewatering	\$14,700.00	\$ 14,700.00
43	1 LS Inlet Protection	\$2,940.00	\$ 2,940.00
44	80 LF Remove & Replace 10"	\$29.40	\$ 2,352.00
45			
		Total Utilities:	\$ 468,090.70
SITE LIGHTING			
46	1 LS Site Pole Lights/Bases		Total Site Lighting:
			\$ 46,724.00
ADDITIVE ALTERNATE			
47	1 LS Heavy Duty Pavement		Total Add Alternate:
			\$ 108,294.00
MISCELLANEOUS			
48	1 LS SODDING ALLOWANCE		\$10,000
49	1 LS IRRIGATION ALLOWANCE		\$2,500
50	1 LS PERMITTING ALLOWANCE		\$17,500
			\$0
			\$0
SUBTOTAL			\$30,000
TOTAL COST		\$	1,383,680
P&P BOND		0.85%	\$ 11,761
SUBTOTAL			\$ 1,395,442
OVERHEAD		6.00%	\$ 69,772
SUBTOTAL			\$ 1,465,214
FEE		4.00%	\$ 58,609
TOTAL			\$ 1,523,822
CONTINGENCY		10.00%	\$ 152,382
GRAND TOTAL			\$ 1,676,205