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July 12, 2024

To: Tom Hartman
City of Edgewater
409 Mango Tree Dr
Edgewater, FL 32132

Project: City of Edgewater- Lift Station 28 in Edgewater, FL to be rehabilitated utilizing SprayWall Polyurethane Lining System.

Scope of Work:

- One (1) Lift Station measured is an estimated 452 total square feet to be lined.
- ESS to provide Maintenance of Traffic as needed
- Mobilize competent crew of four (4) and capable equipment to the Edgewater, FL project site.
- Bypassing to be coordinated by ESS and set up by Mersino Pumps. Two (2) 4" bypassing pumps will be utilized for this project.
- 5,000 psi high pressure water cleaning of surface within host lift station.
- Inspect surface area for defects. Euclid V100 high strength profile cement is estimated for reprofiling, and repair on bench in manhole.
- Stop any active infiltration. Up to eighteen (18) gallons of MasterRoq 355-1K chemical grout has been accounted for in this proposal.
- Spray-Apply 500 mils to bottom 14ft, spray-apply 250 mils of SprayWall Polyurethane lining to top 10 feet. Ceiling, wall, and fillet areas. A termination groove is to be cut at the sump. The sump is not to be lined to prevent cracking due to normal pump vibrations.
- Spark test entire liner and visually inspect entire structure.
- Four to Five days (4-5) days of work required to complete the structure.

Included: ESS professional crew and equipment, MOT Set up, Bypassing of wastewater

Exclusions: Dewatering, bonding,

Notes: Six (6) gallons of 355-1k chemical grout for water stop is accounted for in this proposal. However, chemical grout for water stop if required beyond six gallons, will be invoiced at \$125.00/gallon with approved change order with a minimum of six (6) gallons. Standby of crew for situations beyond our control could result in additional charges. Any items not included in the above Scope of Work are considered excluded and would be completed only by approved change order.

Project is bid based on standard daylight work hours. Balance is due upon completion. Proposal price is valid for 30 days.

City of Edgewater- Lift Station 28 Lining Project

Lift Station 28-	\$42,286.00
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Project Total:	\$42,286.00
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Respectfully Submitted,

Shane Castro

Shane Castro
Project Manager
(863) 308-0110
scaastro@ess-1.net

It is mutually understood that in undertaking to correct/repair conditions present, other conditions that were hidden may become known. Such consequences will be beyond ESS's control, and ESS assumes no responsibility for such consequences. ESS will, however, use its best skills and experience to avoid or minimize them. The owner assumes responsibility for any hazardous waste uncovered at this site.

1. The *buyer* has furnished pre-bid information used in planning the work covered in this proposal to ESS, and ESS assumes no responsibility for its accuracy. If the conditions are not in accordance with the information furnished to ESS by the *buyer* or others, the recommended procedures and scope of work in this proposal may not apply. The *buyer* will reimburse any additional expenses incurred by ESS as a result of this difference to ESS.
2. Any items of work not specifically included in this proposal shall not be the responsibility of ESS. Any alteration or deviation from the attached or referenced specifications, involving extra costs will be executed only upon written orders, and will become an extra charge over and above this proposal. All agreements are contingent upon strikes, accidents, or delays beyond our control.
3. It is mutually agreed that ESS shall retain all rights conferred upon it by the lien statutes of any State, Federal, or Territorial Government and will exercise lien rights if necessary. If ESS is not paid when required by this contract, interest of 1.5% will be charged per month. If the delinquent amount is referred to an attorney for collection, the buyer will pay all costs of collection including reasonable attorney fees and court costs. Should any legal action be required as a result of this contract, venue for such action shall be Polk County, Florida.
4. Our proposal is based on carrying out the work in a continuous manner during regular working hours. Should our work be delayed or interrupted for any reason beyond our control we will be compensated for standby of the crew and equipment.
5. If conditions beyond ESS's control make it impossible for us to render performance as specified, and buyer elects to terminate the contract, ESS will be entitled to a cancellation charge for any job set-up, in addition to reimbursement in full for all of ESS's costs (including labor, materials, and overhead), plus reasonable profit for all work performed to date of written notification by the buyer.
6. By executing this contract, owner agrees that all vendor requirements, including but not limited to pre-qualification, insurance, W-9, etc., have been adequately met.

BID FORM - PRICE SCHEDULE					
MANHOLE, WETWELL AND STORMWATER STRUCTURE REHABILITATION CONTRACT					
Spray-Roq Bid #201918KW Contract 2020-435 Lift Station 28					
A2. MANHOLE, WETWELL AND STORMWATER STRUCTURE COATING - EPOXY					
BID ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL AMOUNT
1	Polyurathane Resin Based Coating 48" Diameter 1/8" Minimum Thickness	V.F.	0	\$ 226.00	\$ -
2	Polyurathane Resin Based Coating 48" Diameter 1/4" Minimum Thickness	V.F.	0	\$ 251.00	\$ -
3	Polyurathane Resin Based Coating 48" Diameter 1/2" Minimum Thickness	V.F.	0	\$ 314.00	\$ -
4	Polyurathane Resin Based Coating 48" Diameter 1" Minimum Thickness	V.F.	0	\$ 502.00	\$ -
5	Polyurathane Resin Based Coating 60" Diameter 1/8" Minimum Thickness	V.F.	0	\$ 283.00	\$ -
6	Polyurathane Resin Based Coating 60" Diameter 1/4" Minimum Thickness	V.F.	0	\$ 314.00	\$ -
7	Polyurathane Resin Based Coating 60" Diameter 1/2" Minimum Thickness	V.F.	0	\$ 392.00	\$ -
8	Polyurathane Resin Based Coating 60" Diameter 1" Minimum Thickness	V.F.	0	\$ 628.00	\$ -
9	Structure/Box Culvert Polyurathane Resin Based Coating - 1/8" Minimum Thickness	VF	0	\$ 19.00	\$ -
10	Structure/Box Culvert Polyurathane Resin Based Coating - 1/4" Minimum Thickness	S.F.	188	\$ 21.00	\$ 3,948.00
11	Structure/Box Culvert Polyurathane Resin Based Coating - 1/2" Minimum Thickness	S.F.	264	\$ 26.00	\$ 6,864.00
12	Structure/Box Culvert Polyurathane Resin Based Coating - 1" Minimum Thickness	S.F.	0	\$ 40.00	\$ -
SUBTOTAL BID PRICE (A2) MANHOLE, WETWELL AND STORMWATER STRUCTURE COATING-EPOXY					\$ 10,812.00
B. MANHOLE, WETWELL AND STORMWATER STRUCTURE REPAIR					
BID ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL AMOUNT
13	Removal of Existing Manhole, Wetwell or Structure Lining System (Excluding T-Lock or Similar Liner)	S.F.	0	\$ 9.00	\$ -
14	Removal of Existing Manhole, Wetwell or Structure T-Lock or Similar Lining System	S.F.	0	\$ 22.00	\$ -
15	Patching and Profiling - Cementitious Grout Only	S.F.	452	\$ 12.00	\$ 5,424.00
16	Infiltration Control - Cementitious or Chemical Grout	GAL.	18	\$ 125.00	\$ 2,250.00
17	Bonding Compound	GAL.	0	\$ 55.00	\$ -
18	Bench and Invert Channel Repair	L.F.	0	\$ 150.00	\$ -
19	Chimney Repairs	V.F.	0	\$ 150.00	\$ -
20	Chimney Replacement	V.F.	0	\$ 675.00	\$ -
21	Manhole/Structure Rim and Cover Replacement - Paved Areas	EA	0	\$ 1,150.00	\$ -
22	Manhole/Structure Rim and Cover Replacement - Grassed Areas	EA	0	\$ 950.00	\$ -
23	Seam Extrusion Welding	L.F.	0	\$ 300.00	\$ -
24	Fusion Welding of Pipe Boot	EA	0	\$ 900.00	\$ -
25	Install Rain Water Protector	EA	0	\$ 110.00	\$ -
SUBTOTAL BID PRICE (B) MANHOLE, WETWELL AND STORMWATER STRUCTURE REPAIR					\$ 7,674.00

C. CLEANING, TELEVISIONING, AND ASSESSMENT					
BID ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL AMOUNT
26	Cleaning Manholes	EA	0	\$ 150.00	\$ -
26	Cleaning Structures	EA	1	\$ 1,000.00	\$ 1,000.00
27	Televising (DVD)/Photographs (CD) Manholes	EA	0	\$ 75.00	\$ -
28	Televising (DVD)/Photographs (CD) Structures	EA	1	\$ 300.00	\$ 300.00
29	GPS Mapping of County Requested Manholes	EA	0	\$ 150.00	\$ -
SUBTOTAL BID PRICE (C) CLEANING, TELEVISIONING, AND ASSESSMENT					\$ 1,300.00
D. ANCILLARY SERVICES					
BID ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL AMOUNT
30	Bypass Pumping - 4" Pump	DAY	5	\$ 2,500.00	\$ 12,500.00
31	Bypass Pumping - 6" Pump	DAY	0	\$ 2,900.00	\$ -
32	Bypass Pumping - 8" Pump	DAY	0	\$ 3,900.00	\$ -
33	Bypass Pumper Truck	HOUR	0	\$ 290.00	\$ -
34	Bypass Vac-Truck	HOUR	0	\$ 290.00	\$ -
35	Maintenance of Traffic - Arterial	EA	5	\$ 1,250.00	\$ 6,250.00
36	Maintenance of Traffic - FDOT	EA	0	\$ 1,500.00	\$ -
39	Mobilization	EA	5	\$ 750.00	\$ 3,750.00
SUBTOTAL BID PRICE (D) ANCILLARY SERVICES					\$ 22,500.00
SUMMARY OF BID ITEMS - COATING METHOD 2 - EPOXY					
SUBTOTAL BID PRICE (A2) - STRUCTURE COATING -Polyurethane (Sum Items 1-11)					\$ 10,812.00
SUBTOTAL BID PRICE (B) - STRUCTURE REPAIR (Sum Items 12-24)					\$ 7,674.00
SUBTOTAL BID PRICE (C) - CLEANING, TELEVISIONING, AND ASSESSMENT (Sum Items 25-31)					\$ 1,300.00
SUBTOTAL BID PRICE (D) - ANCILLARY SERVICES (Sum Items 32-39)					\$ 22,500.00
TOTAL BID PRICE - COATING METHOD 2 - Polyurethane (Sum A2 + B through D)					\$ 42,286.00
PLUS	Construction Contingency Allowance (5% of Subtotal Price)				\$0.00
TOTAL PRICE INCLUDING CONTINGENCY ALLOWANCE					\$42,286.00
Note: Unit Prices on this form correspond to the items listed in the Measurement and Payment Section 01026 of the Technical Specifications.					