

## **MEMORANDUM**

**To:** Mayor and City Council

**From:** David Elliott

**Date:** August 24, 2015

**Subject:** **Approval of Unit Price Contract for Shotcrete Restoration Services**

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### **ITEM DESCRIPTION**

Approval of Unit Price Contract for Shotcrete Restoration Services to Proshot Concrete Inc.

### **BACKGROUND**

Dunwoody Public Works formally bid a Shotcrete Restoration Service Contract for the rehabilitation of stormwater infrastructure. This product has a minimal impact on the surrounding area during construction, has an estimated life of 50 years and demonstrated cost savings on 2 projects for the City in 2014.

The RFP was publically bid for 4 weeks and one contractor submitted a response. Proshot Concrete, Inc satisfies the requirements of the RFP and performed well for the City on 2 projects in 2014.

When this repair method is feasible, the cost and benefits of its use will be compared to other unit cost repair methods. The Shotcrete Restoration Service Contract is intended to be used as another tool to repair stormwater infrastructure when appropriate.

### **RECOMMENDED ACTION**

Staff recommends approval of Unit Price Contract for Shotcrete Restoration Services to Proshot Concrete, Inc.

#4.



Coldstream Dri-<sup>12</sup>, Dunwoody GA

therein set forth for the following unit prices, to wit:

**BID SCHEDULE:**

Item No.	Description	Unit	Unit Price
1	48-inch arch pipe liner, 2 inch thick, includes wire mesh reinforcement	LF	275.00
2	54-inch, arch pipe liner, 3inch thick, includes wire mesh reinforcement	LF	295.00
3	60-inch arch pipe liner, 3inch thick, includes wire mesh reinforcement	LF	325.00
4	42-inch, rnd. liner, 5000-psi, 2 inch thick, includes wire mesh reinforcement	LF	238.00
5	48-inch, rnd. liner, 5000-psi, 2 inch thick, includes wire mesh reinforcement	LF	265.00
6	54-inch, rnd. liner, 5000-psi, 2 inch thick, includes wire mesh reinforcement	LF	298.00
7	60-inch, rnd. liner, 5000-psi, 2 inch thick, includes wire mesh reinforcement	LF	325.00
8	66-incb, rnd. liner, 5000-psi, 3 inch thick, includes wire mesh reinforcement	LF	358.00
9	72-incb, rnd. liner, 5000-psi, 4 inch thick, #4 rebars @ 1ft. oc/ew	LF	492.00
10	78-inch, rnd. liner, 5000-psi, 4 inch thick, #4 rebars @ 1ft. oc/ew	LF	525.00
11	84-inch, rnd. liner, 5000-psi, 4 inch thick, #4 rebars @ 1ft. oc/ew	LF	570.00
12	90-inch, rnd. liner, 5000-psi, 4 inch thick, #4 rebars @ 1ft. oc/ew	LF	599.00
13	96-inch, rnd. liner, 5000-psi, 4 inch thick, #4 rebars @ 1ft. oc/ew	LF	648.00
14	3 ft dia. Box or manhole seal, 2 inch thick includes wire mesh and fiber reinforcement	VF	225.00
15	4 ft dia. Box or manhole seal, 3 inch thick includes wire mesh and	VF	265.00



	fiber reinforcement		
16	5 t dia. Box or manhole seal, 4 inch thick includes wire mesh and fiber reinforcement	VF	325.00
17	6 ft dia. Box or manhole seal, 5000-psi liner, 4 inch thick includes #4 rebar @1ft.oc/ew	VF	425.00
18	Pressure grout voids/3000 psi	CY	500.00
19	New Retaining Walls, 5000-psi, 6 inch thick, includes #5hort. Rebar & #4 vert. Rebar@ 6-inch oc/ew	SY	385.00
20	Aprons & Toe-Walls 5000-psi, 6 inch thick includes #4 rebar @1-ft. oc/ew	SF	125.00
21	Seal End & Wing Wall, 2-inch thick, 5000-psi mix, includes coverage with wire mesh	SY	198.00
22	Structural metal Plate Arch liner, 5000-psi, 4-inch thick, includes #5 rebar @ 1-ft, oc/ew	SY	400.00
23	Clean all pipes & structures (solid debris removal only)	CY	1,500.00
24	Ditch Liner, 4-inch thick, 5000-psi with wire mesh reinforcement	SY	225.00
25	Masonry Box Culvert Liner- 3-inch thick with #4 rebars @ 12-inch oc/ew	SY	270.00
26	Masonry Box Culvert Liner- 4-inch thick with #4 rebars @ 12-inch oc/ew	SY	315.00

The items listed above are to be constructed in accordance with the Standard Specifications For Shotcrete, American Concrete Institute, ASI 506.295, 1995 editions and the contract documents. All Shotcrete for this project shall be 5000 psi with fiber or steel reinforcement.

ALL PRICES MUST BE TYPED INTO THE BID SCHEDULE PROVIDED IN EXCEL FORMAT. PLEASE PRINT THE BID SCHEDULE AND INCLUDE WITH BID.

#### LEGEND

dia. = diameter

psi = pounds per square inch

oc/ew= off center/each way

rnd. = round

- 3.2 The following are the evaluation criteria the City will consider in determining which proposal is most advantageous to the City:

**Qualifications – 60%**

**Cost – 40%**

\*\*\*\*\* END OF SPECIFICATIONS \*\*\*\*\*