

4800 Ashford Dunwoody Road Dunwoody, Georgia 30338 dunwoodyga.gov | 678.382.6700

MEMORANDUM

To: Mayor and City Council

From: Michael Smith, Public Works Director

Date: May 10, 2021

Subject: Funding Authorization for Sidewalk Construction from 1891 Mount

Vernon Place to Falkirk Drive

ITEM DESCRIPTION

Authorization to provide up to \$155,000 of funding under Autaco's unit price contract to construct drainage and sidewalk improvements from 1891 Mount Vernon Place to the existing sidewalk adjacent to 5220 Falkirk Drive

BACKGROUND

The 2021 budget has \$240,000 allocated to construct sidewalk on Mount Vernon Place between Mount Vernon Road and the existing sidewalk at Falkirk Drive. Under state law the city is not required to take the lowest bid for public works projects under \$200,000. To identify the most qualified contractor providing the best value, the city elected to advertise a request for proposals (RFP) rather than seeking bids solely based on price.

The city advertised RFP 21-01 to complete the drainage improvements and grading for the entire project and to build a 200-foot segment of sidewalk where temporary easements had been acquired. Five contractors submitted proposals but one of the proposals was found to be non-responsive to the RFP requirements. The proposed costs for the four responsive proposals were as follows:

Contractor	<u>Cost</u>	
Backbone Infrastructure	\$89,902	
Blount Construction	\$219,855	
Lewallan Construction	\$250,471	
Triscapes	\$185,885	

Based on the qualifications submitted by Backbone Infrastructure, it appears that they have primarily worked as a subcontractor rather than as a prime contractor as they would be on this project. The other three proposals demonstrated a higher level of experience but had costs that were much higher. Since none of the proposals provided the value that the city was seeking, Public Works recommended rejecting all of the proposals and requested a cost estimate from Autaco using their unit-price contract with the city.



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Autaco provided an estimate of \$119,642 for the scope of work in the RFP and at Public Works request added another 300 feet of sidewalk to extend the project to where it will connect to the future Mount Vernon Road sidewalk project. Based on Autaco's estimate, the total cost of the project is projected to be:

Description				Estimated Cost
Stormwater,	Grading	and	Sidewalk	\$141,000
Construction				
Construction (Contingency	,		\$14,000
Construction N	Managemen	t		\$9,000
Construction (Quality Assu	rance -	Γesting	<u>\$5,000</u>
	T	otal Co	st Estimate	\$169,000

Budgeted for Construction \$240,000

RECOMMENDED ACTION

Staff requests authorization of up to \$155,000, including a 10% contingency, utilizing Autaco's unit price contract to construct the proposed improvements.



Project Name: Mt Vernon Place C&G, storm system and misc concrete

Scope of Work: Install manholes, 18" RCP, rip rap for storm system; Change radius at intersection, cut asphalt edge and install new roll back curb; two driveway replacements with accompanying sidewalk and 10" C/G; rough grade for new

163-0232 163-0240 163-0300 COI	Description MOBILIZATION TRAFFIC CONTROL MINOR (two flagmen, barricades etc.) TEMPORARY GRASSING MULCH CONSTRUCT AND REMOVE RIP RAP CHECK DAMS, STONE PLAIN RIP RAP/SAND BAGS CONSTRUCT AND REMOVE RIP RAP CHECK DAMS, STONE PLAIN RIP RAP/SAND BAGS CONSTRUCT AND REMOVE INLET SEDIMENT TRAP MAINTENANCE OF TEMPORARY SILT FENCE, TP C MAINTENANCE OF CONSTRUCTION EXIT MAINTENANCE OF INLET SEDIMENT TRAP TEMPORARY SILT FENCE, TYPE C GRADING COMPLETE SLOPE MATTING GR AGGR BASE CRS, INCL. MATL. AGGR SURP CRS CONC SIDEWALK, 4 IN DRIVEWAY CONCRETE, 8 IN TK CONCRETE HEADER CURB, 6 IN, TP 2 CONC CURB & GUTTER, 6 IN X 24 IN, TP 2 CLASS B CONCRETE RETAINING WALL STORM DRAIN PIPE, 18 IN, H 1-10 (CONCRETE) STONE DUMPED RIP RAP, TYPE 3, 24 IN	1 1 0 0.1 9 1 1 2 305 1 1 1 2 610 126 126 125 372 12 56	Unit EA PER DAY AC TN EA EA EA EA LF EA EA LF EA LF LS TN TN TN SY LF LF LF CY	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	787.50 840.00 997.50 472.50 1,470.00 735.00 210.00 2.10 94.50 420.00 94.50 3.94 28,200.00 8.40 39.90 33.60 56.70 115.50 18.90	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	787.50 8,400.00 99.75 4,252.50 1,470.00 735.00 420.00 640.50 94.50 2,401.88 28,200.00 1,260.00 1,436.40 4,233.60 7,087.50 1,963.50	Comments Seed on disturbed areas at 4 homes and intersection corner At storm system work and 2 driveways being replaced Tree removal, Clearing, & grading and install 2ea magnolias 3-4" caliper
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218-1000 310-1101 318-3000 441-0104 441-0108 441-5002 441-6012 500-3201 550-1180 603-2182 603-7000 610-0355	SLOPE MATTING GR AGGR BASE CRS, INCL. MATL. AGGR SURF CRS CONC SIDEWALK, 4 IN DRIVEWAY CONCRETE, 8 IN TK CONCRETE HEADER CURB, 6 IN, TP 2 CONC CURB & GUTTER, 6 IN X 24 IN, TP 2 CLASS B CONCRETE RETAINING WALL STORM DRAIN PIPE, 18 IN, H 1-10 (CONCRETE)	150 36 126 125 17 65 372	SY TN TN SY SY LF	\$ \$ \$ \$ \$	8.40 39.90 33.60 56.70 115.50 18.90 29.40	\$ \$ \$ \$ \$	1,260.00 1,436.40 4,233.60 7,087.50 1,963.50	Tree removal, Clearing, & grading and install Zea magnolias 3-4" caliper
218-1000 310-1101 318-3000 441-0104 441-0108 441-5002 441-6012 500-3201 550-1180 603-2182 603-7000 610-0355	SLOPE MATTING GR AGGR BASE CRS, INCL. MATL. AGGR SURF CRS CONC SIDEWALK, 4 IN DRIVEWAY CONCRETE, 8 IN TK CONCRETE HEADER CURB, 6 IN, TP 2 CONC CURB & GUTTER, 6 IN X 24 IN, TP 2 CLASS B CONCRETE RETAINING WALL STORM DRAIN PIPE, 18 IN, H 1-10 (CONCRETE)	150 36 126 125 17 65 372	SY TN TN SY SY LF	\$ \$ \$ \$ \$	8.40 39.90 33.60 56.70 115.50 18.90 29.40	\$ \$ \$ \$ \$	1,260.00 1,436.40 4,233.60 7,087.50 1,963.50	rree removal, Learing,& grading and install Zea magnolias 3-4: Caliper
310-1101 318-3000 441-0104 441-0108 441-5002 441-6012 500-3201 550-1180 603-2182 603-7000 610-0355	GR AGGR BASE CRS, INCL. MATL. AGGR SUFF CRS CONC SIDEWALK, 4 IN DRIVEWAY CONCRETE, 8 IN TK CONCRETE HEADER CURB, 6 IN, TP 2 CONC CURB & GUTTER, 6 IN X 24 IN, TP 2 CLASS B CONCRETE RETAINING WALL STORM DRAIN PIPE, 18 IN, H 1-10 (CONCRETE)	36 126 125 17 65 372 12	TN TN SY SY LF	\$ \$ \$ \$ \$	39.90 33.60 56.70 115.50 18.90 29.40	\$ \$ \$ \$ \$	1,436.40 4,233.60 7,087.50 1,963.50	
318-3000 441-0104 441-0108 441-5002 441-5002 500-3201 550-1180 603-2182 603-7000 610-0355	AGGR SURF CRS CONC SIDEWALK, 4 IN DRIVEWAY CONCRETE, 8 IN TK CONCRETE HEADER CURB, 6 IN, TP 2 CONC CURB & GUTTER, 6 IN X 24 IN, TP 2 CLASS B CONCRETE RETAINING WALL STORM DRAIN PIPE, 18 IN, H 1-10 (CONCRETE)	126 125 17 65 372 12	TN SY SY LF LF	\$ \$ \$ \$	33.60 56.70 115.50 18.90 29.40	\$ \$ \$ \$	4,233.60 7,087.50 1,963.50	
441-0104 441-0108 441-5002 441-6012 500-3201 550-1180 603-2182 603-7000 610-0355	CONC SIDEWALK, 4 IN DRIVEWAY CONCRETE, 8 IN TK CONCRETE HEADER CUBB, 6 IN, TP 2 CONC CUBB & GUTTER, 6 IN X 24 IN, TP 2 CLASS B CONCRETE RETAINING WALL STORM DRAIN PIPE, 18 IN, H 1-10 (CONCRETE)	125 17 65 372 12	SY SY LF LF	\$ \$ \$ \$	56.70 115.50 18.90 29.40	\$ \$ \$	7,087.50 1,963.50	
441-0108 441-5002 441-6012 500-3201 550-1180 603-2182 603-7000 610-0355	DRIVEWAY CONCRETE, 8 IN TK CONCRETE HEADER CURB, 6 IN, TP 2 CONC CURB & GUTTER, 6 IN X 24 IN, TP 2 CLASS B CONCRETE RETAINING WALL STORM DRAIN PIPE, 18 IN, H 1-10 (CONCRETE)	17 65 372 12	SY LF LF	\$	115.50 18.90 29.40	\$	1,963.50	
441-5002 441-6012 500-3201 550-1180 603-2182 603-7000 610-0355	CONCRETE HEADER CURB, 6 IN, TP 2 CONC CURB & GUTTER, 6 IN X 24 IN, TP 2 CLASS B CONCRETE RETAINING WALL STORM DRAIN PIPE, 18 IN, H 1-10 (CONCRETE)	65 372 12	LF LF	\$	18.90 29.40	\$		
441-6012 500-3201 550-1180 603-2182 603-7000 610-0355	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2 CLASS B CONCRETE RETAINING WALL STORM DRAIN PIPE, 18 IN, H 1-10 (CONCRETE)	372 12	LF	\$	29.40			
500-3201 550-1180 603-2182 603-7000 610-0355	CLASS B CONCRETE RETAINING WALL STORM DRAIN PIPE, 18 IN, H 1-10 (CONCRETE)	12					1,228.50	
550-1180 603-2182 603-7000 610-0355	STORM DRAIN PIPE, 18 IN, H 1-10 (CONCRETE)		CY	•		\$	10,936.80	
603-2182 603-7000 610-0355		56			173.25	\$	2,079.00	
603-7000 610-0355	CTONE DUMBED DID DAD TYPE 2 24 IN		LF	\$	50.40	_	2,822.40	
610-0355	• •	4	SY	\$	42.00	\$	168.00	
	PLASTIC FILTER FABRIC	4	SY	\$	14.70	\$	58.80	
610-2018	REMOVE CONC. CURB AND GUTTER, ALL SIZES	180	LF	\$	9.45	\$	1,701.00	
	REMOVE CONCRETE SIDEWALK	147	SY	\$	31.50	\$	4,620.00	Demo 2 driveways and sidewalk
610-2020	REMOVE AND DISPOSE OF ASPHALT PAVEMENT	80	SY	\$	36.75	\$	2,940.00	
610-2022	SAWCUTTING	372	LF	\$	42.00	\$	15,624.00	
	RELOCATE MAILBOX (POST TYPE)	2	EA	\$	450.00	\$	900.00	
643-8200	BARRIER FENCE (ORANGE), 4 FT TP	208	LF	\$	3.15	\$	655.20	
668-1100	CATCH BASIN, GP 1	1	EA	\$	3,465.00	Ś	3,465.00	
668-1110	CATCH BASIN, GP 1, ADDL DEPTH	1	LF	\$	840.00	_	840.00	
	MANHOLE	1	EA	\$	6,000.00	_	6,000.00	
700-9300	"TIFT" BERMUDA SOD	80	SY	\$	18.90	Ś	-	Sod at two homes driveways disturbed
	SUB-TOTAL AREA 1			\$	-	Ś	119.642.33	Sou at two nomes arreways assembled
				-		Ÿ	113,042.33	
A 1 1717 1387	L. F. H. O'L H. 4004 MIN							
Additional Work	k to Extend the Sidewalk to 1891 Mt Vernon Place							
	TRAFFIC CONTROL MINOR (two flagmen, barricades etc.)	3	PER DAY		840.00		2,520.00	
441-0104	CONC SIDEWALK, 4 IN	200	SY	\$	56.70	\$	11,340.00	
441-0108	DRIVEWAY CONCRETE, 8 IN TK	65	SY	\$	115.50	\$	7,507.50	
	SUB-TOTAL AREA 2			\$	-	\$	21,367.50	
						4	141,009.83	