

RESOLUTION NO. 31019

A RESOLUTION AUTHORIZING THE DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION TO AWARD CONTRACT NO. T-21-002, HARDY STREET EXTENSION, INCLUDING, ALTERNATE SCOPE FOR ADA RAMPS ON THE EAST SIDE OF ROANOKE TO THOMAS BROTHERS CONSTRUCTION COMPANY, INC. FOR CONTRACT AMOUNT OF EIGHT HUNDRED THIRTY-TWO THOUSAND SIX HUNDRED THIRTY-NINE AND 80/100 DOLLARS (\$832,639.80), AS SHOWN IN THE ATTACHED BID SCHEDULE, PLUS A CONTINGENCY AMOUNT OF EIGHTY-THREE THOUSAND TWO HUNDRED SIXTY-THREE AND 98/100 DOLLARS (\$83,263.98), FOR A TOTAL AMOUNT OF NINE HUNDRED FIFTEEN THOUSAND NINE HUNDRED THREE AND 78/100 DOLLARS (\$915,903.78).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, that the Department of Public Works and Transportation to award Contract No. T-21-002, Hardy Street Extension, including, alternate scope for ADA ramps on the east side of Roanoke to Thomas Brothers Construction Company, Inc. for contract amount of \$832,639.80, as shown in the attached bid schedule, plus a contingency amount of \$83,263.98, for a total amount of \$915,903.78.

ADOPTED: January 18, 2022

/mem

BID SCHEDULE
HARDY STREET EXTENSION
CONTRACT #T-21-002-201
City of Chattanooga, Tennessee

Item No.	Description	Unit	Quantity	Unit Price	Total
1-01	Common Excavation and Embankment including compaction (complete-in-place)	LS	1	\$104,000.00	\$104,000.00
1-02	Over excavation of unsuitable areas as directed by the engineer	CY	75	\$20.00	\$1,500.00
1-03	Backfill and Compact over excavated areas with mineral aggregate base (TDOT 303-01)	CY	75	\$70.00	\$5,250.00
3-01	Concrete Sidewalk and ADA ramps - Type-A, 4000 PSI, includes 4" concrete depth and 2" bedding stone depth. (complete-in-place)	SF	8,100	\$6.00	\$48,600.00
3-02	Truncated Domes for ADA Ramps	SF	130	\$35.00	\$4,550.00
12-01	Asphalt Surface Grading E (1.5" depth) include cost of tack coat at 0.5 gal/SY	SF	19,800	\$1.30	\$25,740.00
12-02	Asphalt Binder Grading B-Mod (2.5" depth) include cost of prime coat at 0.35 gal/SY	SF	19,800	\$2.00	\$39,600.00
14-01	Mineral Aggregate Base (8" depth) Type-A Grading- D, TDOT 303-01 (Roadway base quantities)	SF	19,800	\$2.25	\$44,550.00
14-01	Mineral Aggregate Base (4" depth) Type-A Grading- D, TDOT 303-01 (4" Temp. hammerhead tie-in)	SF	4,670	\$2.00	\$9,340.00
15-01	Demolition, including undercut and removal of gravel outside proposed sidewalk (see C1.1), also concrete curb, pavement, sawcutting, etc., as required to complete the project.	LS	1	\$17,000.00	\$17,000.00
15-02	Demolition and removal of 104 LF of existing 30" RCP including plugging remaining portion at 3 locations. Plug to be 2 LF (min.) of flowable fill or concrete.	LS	1	\$3,000.00	\$3,000.00
15-03	Remove large willow oak per Landscape Plan L1.0	LS	1	\$5,000.00	\$5,000.00
17-01	Detached Concrete Curb, Detail 2, Sheet C6.0 , including concrete and 2" bedding stone (Complete in Place)	LF	1380	\$25.00	\$34,500.00
17-02	Concrete Curb and Gutter, City Type-A, Std. SD-202.01, including concrete and 2" bedding stone (Complete in Place)	LF	10	\$100.00	\$1,000.00
31-01	18" RCP (Class III), including excavation, bedding and backfill, connection to structures	LF	72	\$95.00	\$6,840.00
31-02	30" RCP (Class III), including excavation, bedding and backfill, connection to structures	LF	120	\$130.00	\$15,600.00
31-03	36" RCP (Class III), including excavation, bedding and backfill, connection to structures	LF	1032	\$145.00	\$149,640.00

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Item No.	Description	Unit	Quantity	Unit Price	Total
31-04	Connection of 36" RCP to concrete ditch, including sawcut, demo, miter RCP, 50 SF replacement concrete at 4" depth, 6 each # 5 dowels into existing concrete.	LS	1	\$2,000.00	\$2,000.00
34-01	6' Reinforced Concrete Junction Box, including concrete, reinforcement, excavation, stone backfill, frame and cover, etc.	EA	1	\$6,000.00	\$6,000.00
34-02	7' Reinforced Concrete Junction Box, including concrete, reinforcement, excavation, stone backfill, frame and cover, etc.	EA	1	\$10,000.00	\$10,000.00
34-03	4' Reinforced Concrete Catch Basin, including concrete, reinforcement, excavation, stone backfill, frame and cover, etc.	EA	3	\$4,000.00	\$12,000.00
34-04	5' Reinforced Concrete Catch Basin, including concrete, reinforcement, excavation, stone backfill, frame and cover, etc.	EA	1	\$5,200.00	\$5,200.00
34-05	6' Reinforced Concrete Catch Basin, including concrete, reinforcement, excavation, stone backfill, frame and cover, etc.	EA	2	\$6,800.00	\$13,600.00
34-06	7' Reinforced Concrete Catch Basin, including concrete, reinforcement, excavation, stone backfill, frame and cover, etc.	EA	1	\$8,000.00	\$8,000.00
34-07	Modify Structure A10 to connect proposed 30"RCP and plug/abandon existing 30" RCP, including excavation, stone backfill, and 3' concrete plug.	LS	1	\$2,000.00	\$2,000.00
35-01	Topsoil, Seeding and Mulching of disturbed area outside pavement (12" topsoil depth where indicated on sheets C1.1. and 3" min. elsewhere) (complete-in-place including any additional areas disturbed by construction activities)	LS	1	\$20,000.00	\$20,000.00
35-02	Sod planting strip, including 3" topsoil and root barrier	SF	4360	\$3.08	\$13,428.80
98-01	Erosion Control (complete-in-place)	LS	1	\$32,000.00	\$32,000.00
717-1	Mobilization, including bid bond, performance bond, payment bond, all applicable permits, etc.	LS	1	\$85,000.00	\$85,000.00
2452-1	Pavement Marking - per Site Plan C2.0 - (Complete in Place)	LS	1	\$7,500.00	\$7,500.00
2452-2	Permanent Signing and Traffic Control, per Site Plan C2.0 - (Complete in Place)	LS	1	\$500.00	\$500.00
2452-3	Temporary Traffic Control, per MUTCD and Approved by City of Chattanooga	LS	1	\$13,000.00	\$13,000.00
2801-1	Trees, including mulch, etc. per Landscape Plan L1.0 and Detail Sheet L 1.1	EA	34	\$624.00	\$21,216.00
16111-1	2 - 2" PVC Electrical Conduit (Lighting quantity)	LF	500	\$25.00	\$12,500.00

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Item No.	Description	Unit	Quantity	Unit Price	Total
16-111-2	Electrical Pullbox, per EPB Requirement	EA	3	\$500.00	\$1,500.00
16-111-3	Light Pole Foundation, per Detail 3, Sheet C6.1	EA	2	\$2,700.00	\$5,400.00

Total Base Bid	\$786,554.80
Total Alternate Bid	\$46,085.00
Total Bid	\$832,639.80

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ADD / DEDUCT ALTERNATES

1-04A	Soil stabilization of roadway pavement area with 5% (Class-F) fly ash, by weight, to a depth of 10". Alternative stabilization materials/methods will be considered - Bidder to provide submittal of alternative material/method with bid.	SF	19,800	\$1.60	\$31,680.00
3-03A	Concrete Sidewalk and ADA ramps in Add Alternate Area - Type-A, includes 4" concrete depth and 2" bedding stone depth. (complete-in-place)	SF	220	\$8.00	\$1,760.00
3-02A	Truncated Domes for ADA Ramps in Add Alternate Area	SF	36	\$45.00	\$1,620.00
15-02A	Demolition of existing sidewalk and handicap ramps outside the contract area, but same park only. Includes sawcutting as required.	LS	1	\$5,000.00	\$5,000.00
17-03A	Detached Concrete Curb in Add Alternate Area, behind S/W, Detail 2, Sheet C6.0, including concrete and 2" bedding stone (Complete in Place)	LF	35	\$65.00	\$2,275.00
17-04A	Concrete Curb and Gutter in Add Alternate Area, City Type-A, Std. SD-202.01, including concrete and 2" bedding stone (Complete in Place)	LF	50	\$75.00	\$3,750.00

Bid Tabulation Certification

I hereby certify that the above is a true and accurate tabulation of the bids received at 2:00PM on Thursday, December 9th, 2021 in the Purchasing Department of City Hall for the Hardy St Extension, Contract Number T-21-002-201, for the City of Chattanooga, TN

By: *Micah Duffey*

Micah Duffey, P.E. TN#112893
 ASA Engineering, Inc