

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING THE ADMINISTRATOR FOR THE DEPARTMENT OF PUBLIC WORKS TO AWARD CONTRACT NO. W-11-005-201, I-124/US27 SEWER RELOCATION TO THOMAS BROTHERS CONSTRUCTION COMPANY, INC., IN THE AMOUNT OF SEVEN HUNDRED THIRTY-SEVEN THOUSAND ONE HUNDRED NINETY-TWO DOLLARS (\$737,192.00), WITH A CONTINGENCY AMOUNT OF THIRTY-SIX THOUSAND EIGHT HUNDRED SIXTY DOLLARS (\$36,860.00), FOR AN AMOUNT NOT TO EXCEED SEVEN HUNDRED SEVENTY-FOUR THOUSAND FIFTY-TWO DOLLARS (\$774,052.00).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, that the Administrator for the Department of Public Works is hereby authorized to award Contract No. W-11-005-201, I-124/US27 Sewer Relocation to Thomas Brothers Construction Company, Inc., in the amount of \$737,192.00, with a contingency amount of \$36,860.00, for an amount not to exceed \$774,052.00.

ADOPTED: _____, 2015

/mem

City of Chattanooga



Resolution/Ordinance Request Form

Date Prepared: April 13, 2015

Preparer: Dennis Malone

Department: Public Works

Brief Description of Purpose for Resolution/Ordinance:

Res./Ord. # _____ Council District #

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A City Council resolution is requested to award Contract No. W-11-005-201, Hwy 124/US 27 Sewer Relocation, to Thomas Brothers Construction Company, Inc., in the amount of \$737,192.00 with a contingency amount of \$36,860.00 for an amount not-to-exceed \$774,052.00.

Name of Vendor/Contractor/Grant, etc.	Thomas Brothers Construction Company, Inc.	New Contract/Project? (Yes or No)	Yes
Total project cost	\$ <u>774,052.00</u>	Funds Budgeted? (YES or NO)	Yes
Total City of Chattanooga Portion	\$ <u>774,052.00</u>	Provide Fund	<u>6011</u>
City Amount Funded	\$ <u>774,052.00</u>	Provide Cost Center	<u>K40162</u>
New City Funding Required	\$ <u>0</u>	Proposed Funding Source if not budgeted	
City's Match Percentage %	<u> </u>	Grant Period (if applicable)	<u>FY12</u>
List all other funding sources and amount for each contributor.			
<u>Amount(s)</u>	<u>Grantor(s)</u>		
<u>\$434,387.00</u>	<u>TDOT Reimbursement</u>	<u>Resolution No. 27050</u>	
Agency Grant Number			
CFDA Number if known			
Other comments: (Include contingency amount, contractor, and other information useful in preparing resolution)			
Funding is ISS Funding from previous FY.			
Reviewed by: FINANCE OFFICE		Approved by:	
Please submit completed form to @budget, City Attorney and City Finance Officer		DESIGNATED OFFICIAL/ADMINISTRATOR	

Revised: 1/26/09

RESOLUTION NO. 27050

A RESOLUTION AUTHORIZING THE MAYOR TO ENTER INTO A UTILITY RELOCATION CONTRACT WITH THE TENNESSEE DEPARTMENT OF TRANSPORTATION, RELATIVE TO THE RELOCATION OF SANITARY SEWERS FOR I-124 FROM 0.27 MILES SOUTH OF RIVERFRONT PARKWAY TO 0.54 MILES NORTH OF RIVERFRONT PARKWAY, PIN NO. 103917.00, CONTRACT NO. W-11-005-801, AND RECEIVE REIMBURSEMENTS FROM TDOT IN AN AMOUNT UP TO FOUR HUNDRED THIRTY-FOUR THOUSAND THREE HUNDRED EIGHTY-SEVEN DOLLARS (\$434,387.00).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, it is hereby authorizing the Mayor to enter into a Utility Relocation Contract with the Tennessee Department of Transportation, relative to the Relocation of Sanitary Sewers for I-124 from 0.27 miles south of Riverfront Parkway to 0.54 miles north of Riverfront Parkway, PIN No. 103917.00, Contract No. W-11-005-801, and receive reimbursements from TDOT in an amount up to \$434,387.00.

ADOPTED: March 27, 2012.

/meb

BID TABULATION
W-11-005-201 - HWY 124/US 27 SEWER RELOCATION

Thomas Brothers
 7849 Dayton Road
 Hixson, TN 37343

Myse Construction
 46598 Shallowford Road
 Chattanooga, TN 37411

Talley Construction
 1751 McFarland Avenue
 Rossville, GA 30741

Item No.	Description	Unit	Est.	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
1720	Project Record Documents Providing Certified As-Built-Digital CAD File & Hard Copy	LS	1	\$2,500.00	\$2,500.00	\$2,085.50	\$2,085.50	\$8,142.86	\$8,142.86
1720a	Sanitary Sewer Line - Video Tape as Specified	LS	1	\$2,000.00	\$2,000.00	\$1,286.05	\$1,286.05	\$2,623.40	\$2,623.40
2120	Video Taping of Project Area	LS	1	\$2,000.80	\$2,000.00	\$695.15	\$695.15	\$655.85	\$655.85
19	Trees and/or Stump Removal	EA	1	\$4,000.00	\$4,000.00	\$5,561.40	\$5,561.40	\$3,970.63	\$3,970.63
19b	Topsoil, Seeding and Mulching including excavation, backfill, foundation, 3" topsoil, fertilizer, seed and mulch (Complete in Place)	EA	1	\$3.00	\$8,400.00	\$2.35	\$6,580.00	\$2.73	\$7,644.00
35	Traffic Control	SE	2800	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
100-1	Traffic Control Allowance (Misc. Items) as Directed by the Engineer Upon a CRF Traffic Control Barrels (based on 50 barrels Per MUTCD and approved Traffic Control Plan	LS	1	\$2,500.00	\$5,000.00	\$3,667.10	\$7,334.20	\$3,308.98	\$6,617.96
100-2	Lights for traffic control barrels	EA	2	\$40.00	\$4,000.00	\$34.95	\$3,495.00	\$56.77	\$5,677.00
100-3	Wayfinding Signs as directed by the City (48" x 48")	EA	6	\$200.00	\$1,200.00	\$583.65	\$3,501.90	\$1,115.59	\$6,693.54
100-4	Traffic Control including 8 traffic control signs and Type III Barricades with flashers, per MUTCD and provided traffic control plan (22th Street On Ramp)	LS	1	\$6,500.00	\$6,500.00	\$7,536.80	\$7,536.80	\$6,738.97	\$6,738.97
2220	Earthwork, Complete in Place as Specified and/or Shown on the Drawings								
2220a-15	Backfill for 15 inch RCP Diameter Pipe	LF CL Trench	66	\$45.00	\$2,970.00	\$68.80	\$4,540.80	\$37.49	\$2,474.34
2220a-18	Backfill for 18 inch Diameter Pipe	LF CL Trench	0	\$55.00	\$0.00	\$83.35	\$0.00	\$0.00	\$0.00
2220a-18.02	8.1' to 10' Deep for 18" Pipe	LF CL Trench	277	\$80.00	\$22,160.00	\$102.25	\$28,323.25	\$98.56	\$27,301.12
2220a-18.04	10.1' to 12' Deep	LF CL Trench	23	\$105.00	\$2,415.00	\$121.40	\$2,792.20	\$125.73	\$2,891.79
2220a-12	Backfill for 12 inch Diameter Pipe	LF CL Trench	2	\$98.00	\$160.80	\$76.15	\$152.30	\$97.16	\$194.32
2220a-12.03	8.1' to 10' Deep	LF CL Trench	180	\$105.00	\$18,900.00	\$91.75	\$16,515.00	\$113.22	\$20,379.60
2220a-10	Backfill for 10 inch Diameter Pipe	LF CL Trench	0	\$49.00	\$0.00	\$38.85	\$0.00	\$0.00	\$0.00
2220a-10.01	0' to 6' Deep	LF CL Trench	36	\$55.00	\$1,980.00	\$53.65	\$1,931.40	\$71.82	\$2,585.52
2220a-10.02	6.1' to 8' Deep	LF CL Trench	54	\$80.00	\$5,200.00	\$68.65	\$4,667.25	\$92.40	\$6,006.00
2220a-10.03	8.1' to 10' Deep	LF CL Trench	54	\$105.00	\$5,670.00	\$84.50	\$4,568.00	\$6,117.12	\$6,117.12
2220a-10.04	10.1' to 12' Deep	LF CL Trench	26	\$125.00	\$3,250.00	\$106.05	\$2,757.30	\$133.67	\$3,475.42
2220a-10.05	12.1' to 14' Deep	LF CL Trench	23	\$150.00	\$3,450.00	\$123.90	\$2,849.70	\$153.52	\$3,530.96
2220a-10.06	14.1' to 16' Deep	LF CL Trench	173	\$200.00	\$34,600.00	\$143.70	\$24,860.10	\$175.00	\$30,275.00
2220a-10.07	16.1' to 18' Deep	LF CL Trench							

BID TABULATION
W-11-005-201 - HWY 124/JUS 27 SEWER RELOCATION

Thomas Brothers
 7849 Dayton Pike
 Houston, TN 37343

Mayes Construction
 46598 Shallowford Road
 Chattanooga, TN 37411

Talley Construction
 1751 McFarland Avenue
 Rossville, GA 30741

Item No.	Description	Unit	Est. Qty.	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
2220a-6	Backfill for 6 inch or 4 inch Diameter Service Line (Without distinction as to depth)	LF CL Trench	150	\$75.00	\$11,250.00	\$44.65	\$6,697.50	\$72.10	\$10,815.00
2242	Flowable Fill in Abandoned Manholes and Sewer Lines Left in Place	CV	250	\$115.00	\$28,750.00	\$155.40	\$38,850.00	\$259.46	\$64,865.00
2270	Slope Protection and Erosion Control, Complete in Place as Shown on the Drawing or Directed by the Owner								
2270a	Temporary Silk Fence	LF	200	\$4.00	\$800.00	\$1.90	\$380.00	\$4.61	\$922.00
2270b	Straw Bale Barriers	EA	12	\$15.00	\$180.00	\$37.40	\$448.80	\$217.08	\$2,604.96
2560	Precast Manholes Standard Cover, Including Frame, Cover, Cone, or Slab, Brick Work Required, Base and Rise								
2560a-1	4 foot Diameter Manhole, 0' to 6' Deep, with Base	EA	12	\$4,000.00	\$48,000.00	\$3,064.90	\$36,778.80	\$4,445.86	\$53,350.32
2560a-2	Standard 4 foot Diameter Manhole Rise Section, Extra Depth Over 6'	VF	24	\$300.00	\$7,200.00	\$248.15	\$5,955.60	\$281.98	\$6,767.52
2560c	Complete as Specified and/or Shown on Cast Iron Manhole Adjusting Rings,	EA	2	\$1,000.00	\$2,000.00	\$799.60	\$1,599.20	\$499.64	\$999.28
2560d-1	Connections of Existing Sewers	EA	4	\$2,000.00	\$8,000.00	\$3,306.25	\$13,221.00	\$2,478.92	\$9,915.68
2560d-2	Manhole Remove Casting and Cone	EA	8	\$1,000.00	\$8,000.00	\$1,689.75	\$12,750.00	\$397.18	\$3,177.44
2560e	Standard Catch Basin including Grate	EA	1	\$3,000.00	\$3,000.00	\$2,652.20	\$2,652.20	\$2,928.63	\$2,928.63
2560f	Manhole Cap/Concrete Slab - 8' x 8' x 1' thick Top and Bottom #5 Bar at 12' on center each way *Existing grade should excavate 12' down to installed manhole cap. Sheet metal required to support concrete slab.	EA	1	\$2,750.00	\$2,750.00	\$23,708.70	\$23,708.70	\$3,979.07	\$3,979.07
2607	New and Replaced Paving and Sidewalks								
2607a-1	1 1/2" Asphalt Surfacing (3/8 inch Nominal Aggregate Size WMA JMF in Place) [("C" mbi) TRENCH WIDTH]	Ton	80	\$120.00	\$9,600.00	\$271.05	\$21,684.00	\$239.94	\$19,195.20
2607a-2	3 1/2" Asphalt Binder Course Mix Design (1 1/2 inch Nominal Aggregate Size WMA JMF in Place) [("C" mbi) TRENCH WIDTH]	Ton	130	\$120.00	\$15,600.00	\$201.45	\$26,188.50	\$239.94	\$31,192.20
2607b	Replace 6 inch Thick Non-Reinforced Concrete Driveways	SF	600	\$20.00	\$12,000.00	\$16.75	\$10,050.00	\$12.70	\$7,620.00
2607c	1 1/2" Asphalt Surface E Milk, 2 1/2" Asphalt Binder B Mod, 6" Stone Base 3Sp. Replace Pavement in Asphaltic Drives and Parking Lots(Trench Width Only)	LF	900	\$35.00	\$31,500.00	\$71.90	\$64,710.00	\$60.81	\$54,729.00

BID TABULATION
W-31-005-201 - HWY 124/US 27 SEWER RELOCATION

Item No. Description Unit Est. Qty. Unit Price Item Total Unit Price Item Total Unit Price Item Total

Thomas Brothers
 7849 Dayton Pike
 Hixson, TN 37343

Mays Construction
 46598 Shallowford Road
 Chattanooga, TN 37411

Talley Construction
 1751 McFarland Avenue
 Rossville, GA 30741

*Note: This is included in Item 15062a

15062	Highway Crossings - Complete Installation by Open Cut Method Including Casing Pipe, Excavation, Concrete, etc., as Specified and/or Shown on the Drawings (Including Carrier Pipe) Fill in Casing Around Pipe with Flowable Fill	LF	40	\$350.00	\$14,000.00	\$671.45	\$26,858.00	\$162.82	\$6,512.80
15062a	24 inch Casing Pipe	LF							
3310	Cast in Place, Complete in Place as Specified and/or Shown on the Drawings	CY	30	\$150.00	\$4,500.00	\$190.55	\$5,716.50	\$1,371.89	\$41,156.70
3310a	(5000PS) Concrete	CY	10	\$140.00	\$1,400.00	\$149.80	\$1,498.00	\$562.19	\$3,621.90
3310b	Class B Concrete	LS	1	\$188,000.00	\$188,000.00	\$55,077.15	\$55,077.15	\$97,395.04	\$97,395.04
717	Mobilization								
15064-B	ASTM D 3034 Polyvinyl Chloride (PVC) Sewers and Service Lines with Bell and Solids, O-Ring Joints, 6 inch service line PVC Sanitary Pipe Sewers, Complete in Piece as Specified and/or Shown on the Drawings	LF	150	\$60.00	\$9,000.00	\$44.35	\$6,652.50	\$82.68	\$12,402.00
15064-Ba	6" two way clean outs	EA	2	\$250.00	\$500.00	\$207.20	\$414.40	\$543.05	\$1,086.10
15064-Bb-1B	18 inch Diameter Pipe SDR26	LF	277	\$125.00	\$34,625.00	\$176.45	\$48,876.65	\$109.43	\$30,312.11
15064-Bb-1B.03	8.1' to 10' Deep	LF	23	\$135.00	\$3,105.00	\$196.65	\$4,522.95	\$119.88	\$2,757.24
15064-Bb-12	12 inch Diameter Pipe C900	LF	2	\$115.00	\$230.00	\$88.15	\$176.30	\$96.06	\$192.12
15064-Bb-12.03	8.1' to 10' Deep	LF	180	\$125.00	\$22,500.00	\$98.45	\$17,721.00	\$98.14	\$17,665.20
15064-Bb-10	10 inch Diameter pipe C900	LF	0	\$100.00	\$0.00	\$78.60	\$0.00	\$0.00	\$0.00
15064-Bb-10.01	0' to 6' Deep	LF	36	\$105.00	\$3,780.00	\$86.05	\$3,097.80	\$81.15	\$2,921.40
15064-Bb-10.02	6.1' to 8' Deep	LF	65	\$110.00	\$7,150.00	\$93.80	\$6,097.00	\$85.56	\$5,561.40
15064-Bb-10.03	8.1' to 10' Deep	LF	54	\$120.00	\$6,480.00	\$105.20	\$5,680.80	\$90.28	\$4,875.12
15064-Bb-10.04	10.1' to 12' Deep	LF	26	\$135.00	\$3,510.00	\$130.80	\$3,400.80	\$89.35	\$2,323.10
15064-Bb-10.05	12.1' to 14' Deep	LF	23	\$160.00	\$3,680.00	\$146.35	\$3,366.05	\$160.77	\$3,697.71
15064-Bb-10.06	14.1' to 16' Deep	LF	173	\$175.00	\$30,275.00	\$167.25	\$28,944.25	\$225.59	\$39,027.07
15064-Bb-10.07	16.1' to 18' Deep	LF							
15064-Bb	PVC Pipe Service Lines, Connection of Existing Service Lines to New Sewer or New Connections and Cleanouts at the Property Lines, Complete in Place as Specified, Shown on the Drawings, or as Directed by Engineer	EA	1	\$500.00	\$500.00	\$881.85	\$881.85	\$771.43	\$771.43
15064-Bc	10" x 10" x 6" C900 Tee	LF		\$2.00	\$1,712.00	\$1.35	\$1,155.60	\$1.34	\$1,147.04
15064-Bf	PVC Pipe Deflection Test	LF							

BID TABULATION
W-11-005-201 - HWY 124/US 27 SEWER RELOCATION

Item No.

Description

Unit

Est. Qty.

Unit Price

Item Total

Unit Price

Item Total

Unit Price

Item Total

Thomas Brothers
 7949 Dayton Pike
 Hixson, TN 37343

Mays Construction
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 Chattanooga, TN 37411

Talley Construction
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 Rossville, GA 30741

15064-B	Concrete Storm Line 15 Inch Diameter	LF	66	\$85.00	\$5,610.00	\$112.30	\$7,411.80	\$130.49	\$8,612.34
15064-BG-15	0' to 6' Deep	LF	1	\$15,000.00	\$15,000.00	\$30,105.85	\$30,105.85	\$26,000.00	\$26,000.00
15064-C	Existing Fence Removal and Replacement, 6" Chainlink Fence (in like kind, gates Included)	LF	100	\$65.00	\$6,500.00	\$48.05	\$4,805.00	\$39.07	\$3,907.00
40	Haul Suspected Special Waste Material to City Site < 4 miles (to be paid per scale ticket)	TN	75	\$85.00	\$6,375.00	\$6.70	\$502.50	\$16.19	\$1,214.25
SP-1	Containment and Cover of Suspected Special Waste Material	LS	1	\$5,000.00	\$5,000.00	\$2,006.75	\$2,006.75	\$3,472.42	\$3,472.42
SP-2	Load and Haul Special Waste Material to Permitted Special Waste Landfill (to be paid per scale ticket)	TN	75	\$125.00	\$9,375.00	\$85.20	\$6,390.00	\$104.34	\$7,825.50
SP-3	inch asphalt topping and mineral aggregate stone base (33P) Type 'A' Grade 'D' (8 inches thickness). Price includes installation and removal of temporary runaround.	SF	2200	\$10.00	\$22,000.00	\$35.05	\$77,110.00	\$6.91	\$15,202.00
TMP-1	Remove and replace damaged concrete sidewalk, curbs, etc. in temporary access area as required by Engineer	SF	200	\$12.00	\$2,400.00	\$14.15	\$2,830.00	\$15.48	\$3,098.00
TMP-2									
Total Base Bid					\$757,182.00	\$14.15	\$753,787.10	\$15.48	\$774,813.69

Bid Tabulation Certification

I hereby certify that the above is a true and accurate tabulation of the bids received at 2:00 p.m. on Thursday, April 9, 2015 in Conference Room G13, City Hall, for
 Hwy 124/US 27 Sewer Relocation. Contract Number W-11-005-201 for the City of Chattanooga, TN.

By: 
 ANNE D. BROOKS, P.E., TN #166967
 City of Chattanooga