

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING THE ADMINISTRATOR OF THE DEPARTMENT OF PUBLIC WORKS TO AWARD CONTRACT NO. W-10-005-201, ENTERPRISE SOUTH INDUSTRIAL PARK SANITARY SEWER UPGRADE, PHASE 2, TO MAYSE CONSTRUCTION COMPANY, IN THE AMOUNT OF FIVE MILLION NINE HUNDRED FORTY-FIVE THOUSAND FOUR HUNDRED TEN AND 20/100 DOLLARS (\$5,945,410.20) WITH A CONTINGENCY AMOUNT OF FOUR HUNDRED FIFTY THOUSAND DOLLARS (\$450,000.00), FOR AN AMOUNT NOT TO EXCEED SIX MILLION THREE HUNDRED NINETY-FIVE THOUSAND FOUR HUNDRED TEN AND 20/100 DOLLARS (\$6,395,410.20), SUBJECT TO SRF LOAN APPROVAL.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, that the Administrator of the Department of Public Works to award Contract No. W-10-005-201, Enterprise South Industrial Park Sanitary Sewer Upgrade, Phase 2, to Mayse Construction Company, in the amount of \$5,945,410.20 with a contingency amount of \$450,000.00, for an amount not to exceed \$6,395,410.20, subject to SRF loan approval.

ADOPTED: _____, 2014

/mem

City of Chattanooga



Resolution/Ordinance Request Form

Date Prepared: March 28, 2014

Preparer: Dennis Malone

Department: Public Works

Brief Description of Purpose for Resolution/Ordinance:

Res./Ord. # _____ Council District # 6

A City Council resolution is requested to award Contract No. W-10-005-201, Enterprise South Industrial Park Sanitary Sewer Upgrade, Phase 2, to Mayse Construction Co., in the amount of \$5,945,410.20 with a contingency amount of \$450,000.00 for an amount not-to-exceed \$6,395,410.20, subject to SRF Loan Approval.

Name of Vendor/Contractor/Grant, etc.	<u>Mayse Construction Co.</u>	New Contract/Project? (Yes or No)	<u>Yes</u>
Total project cost \$	<u>6,395,410.20</u>	Funds Budgeted? (YES or NO)	<u>Yes</u>
Total City of Chattanooga Portion \$	<u>6,395,410.20</u>	Provide Fund	<u>6012</u>
City Amount Funded \$	<u>6,395,410.20</u>	Provide Cost Center	<u>K37118 ISS</u>
New City Funding Required \$	<u>0</u>	Proposed Funding Source if not budgeted	
City's Match Percentage %	<u></u>	Grant Period (if applicable)	

List all other funding sources and amount for each contributor.

Amount(s)	Grantor(s)
<u>\$1,916,132.00</u>	<u>EDA Grant</u>
<u>\$4,479,278.20</u>	<u>SRF Loan</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.

Approved by: DESIGNATED OFFICIAL/ADMINISTRATOR

Reviewed by: FINANCE OFFICE

Please submit completed form to @budget, City Attorney and City Finance Officer

Revised: 1/26/09

ENTERPRISE SOUTH INDUSTRIAL PARK SANITARY SEWER UPGRADE, PHASE 2
CONTRACT NO. W-10-005
TN SHF CWSRF No. 2011-289
US EDA Grant Award No. 04-79-06577

Project: EISP Sanitary Sewer Upgrade, Phase II
Job Number: 35063-00
Bid Date: March 25, 2014
Bid Time: 2:00 PM
Project Manager: Russell D. Moorehead

Note: Unless otherwise stated, all bid items shall be complete installation as specified and or shown on the drawings.

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Miyata Construction Co.		Trenas Brothers Construction Co.		Tilly Construction Co.		Merjan Construction Co.		Crawley Construction Inc		Layne Heavy Civil, Inc.	
				UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL
00003-1	Concrete cap	LF	80	22.20	1,776.00	80.00	6,400.00	86.74	7,099.20	100.00	1,800.00	175.00	14,000.00	82.00	6,560.00
00003-2	Miscellaneous Class B concrete to be used at the discretion of the Owner or Owner's representative	CY	100	115.00	11,500.00	110.00	11,000.00	136.02	13,602.00	182.00	18,200.00	175.00	17,500.00	400.00	40,000.00
New and Replacement paving, sidewalks															
00012-1	Temporary paving, trench width only and around manholes with hot mix	LF	2,500	13.25	33,125.00	13.00	32,500.00	10.54	26,350.00	19.00	47,500.00	22.00	55,000.00	12.35	30,875.00
00016-1	Concrete roadway and parking lot repair, trench width only	LF	50	39.85	1,992.50	70.00	3,500.00	83.14	4,157.00	160.00	6,400.00	50.00	2,500.00	23.00	1,150.00
00016-2	Replace 4-inch thick nonreinforced concrete in sidewalks including handicap ramps	SF	120	12.80	1,536.00	10.50	1,260.00	19.79	2,374.80	16.00	1,920.00	13.00	1,560.00	5.15	618.00
00017-1	Replace concrete curb & gutter, complete in place	LF	350	29.20	10,220.00	23.50	8,225.00	34.67	12,134.50	59.00	20,650.00	26.00	9,100.00	22.00	7,700.00
00017-2	1/2" entrained concrete curb	LF	1,400	3.90	5,460.00	4.00	5,600.00	5.71	7,994.00	33.00	46,200.00	7.00	9,800.00	5.15	7,210.00
00023-1	Pavement demolition for pipe sizes up to 18-inches, including sawcutting, excavation, removal and disposal	LF	2,000	3.80	7,600.00	4.00	8,000.00	3.59	7,180.00	8.00	16,000.00	5.00	10,000.00	19.00	38,000.00
00023-2	Pavement demolition for 36-inch pipe, including sawcutting, excavation, removal and disposal	LF	1,500	3.80	5,700.00	8.00	12,000.00	3.59	5,385.00	15.00	45,000.00	10.00	30,000.00	20.00	60,000.00
00023-3	Cut & plug existing sanitary sewer lines and service lines, including excavation, backfill, brick, non-shrink grout, etc. complete in place as specified excluding grout performed prior to item 02300-4b.	EA	2	1,332.60	2,665.20	750.00	1,500.00	301.79	603.58	1,830.00	3,660.00	1,750.00	3,500.00	6,400.00	12,800.00
00023-4	Cut & plug existing sanitary sewer line located in the conservation easement as shown on sheet C1-00, including access, excavation, backfill, brick, non-shrink grout, etc. complete in place as specified	EA	1	2,377.65	2,377.65	1,000.00	1,000.00	2,636.78	2,636.78	1,830.00	1,830.00	1,500.00	1,500.00	6,400.00	6,400.00
00027-1	Fill with asphalt paving, 1.5-inches of Grade E	SF	65,000	1.10	71,500.00	1.00	65,000.00	0.83	53,950.00	1.11	72,100.00	1.25	81,250.00	1.05	68,250.00
00027-2	Milling asphalt pavement	SF	22,000	0.55	12,100.00	0.55	12,100.00	0.62	13,640.00	1.00	22,000.00	0.50	11,000.00	0.50	11,000.00
00027-3	Brick paver parking lot repair	SF	350	42.75	14,962.50	40.00	14,000.00	44.13	15,445.50	46.00	16,100.00	65.00	22,750.00	140.00	49,000.00
00027-4	Asphalt roadway (Bonyehire Drive) repair, trench width only for 36" pipe	LF	600	35.85	21,510.00	17.00	10,200.00	23.32	13,992.00	40.00	24,000.00	35.00	21,000.00	40.00	24,000.00
00027-5	Asphalt roadway (Bonyehire Drive) repair, trench width only for 18" pipe	LF	900	23.95	21,555.00	17.00	15,300.00	17.78	16,002.00	27.00	24,300.00	35.00	31,500.00	40.00	36,000.00
00027-6	Asphalt parking lot and driveway repair, trench width only for 36" pipe	LF	600	34.20	20,520.00	25.00	15,000.00	19.43	11,658.00	61.00	36,600.00	64.00	38,400.00	40.00	24,000.00
00027-7	Asphalt parking lot and driveway repair, trench width only for 18" and 18" pipe	LF	100	26.75	2,675.00	25.00	2,500.00	19.43	1,943.00	60.00	6,000.00	50.00	5,000.00	40.00	4,000.00
00029-1	24" CMP, as directed by the owner or the owner's representative, including excavation, installation, stone bedding, backfill, etc., complete-in-place	LF	40	49.85	1,994.00	58.00	2,320.00	48.08	1,924.40	50.00	2,000.00	100.00	4,000.00	76.00	3,040.00
Slope protection and erosion control. All costs are to be complete in place as shown on drawings or as directed by the owner.															
00098-1	Construction Eri	EA	5	1,265.85	6,329.25	1,000.00	5,000.00	1,032.24	5,161.20	1,200.00	6,000.00	2,000.00	10,000.00	3,500.00	17,500.00
00098-2	Level protection	EA	21	376.65	7,864.65	180.00	3,150.00	197.24	4,142.04	272.00	5,712.00	200.00	7,000.00	115.00	2,415.00
00098-3a	Rock check dam	EA	10	86.20	862.00	150.00	1,500.00	303.16	3,031.60	460.00	4,600.00	400.00	4,000.00	975.00	9,750.00
00098-3b	Straw wattle check dam	EA	2	313.05	626.10	136.00	272.00	151.02	302.04	284.00	568.00	100.00	200.00	300.00	600.00
00098-4	Temporary Silt fence	LF	11,500	1.30	14,950.00	1.05	12,075.00	1.64	18,860.00	1.50	17,250.00	2.00	23,000.00	3.50	40,250.00
00098-4b	File sock Filteck mesh filled or owner approved equal (coulter row)	LF	3,000	10.45	31,350.00	6.70	20,100.00	8.98	26,940.00	10.00	30,000.00	8.00	24,000.00	10.00	30,000.00
00098-5	Permanent stabilization with seed and straw	SY	80,000	0.50	40,000.00	0.23	18,400.00	0.26	20,800.00	0.50	40,000.00	0.30	24,000.00	0.26	20,800.00
00098-6	Erosion control matting, North American Green S150 equivalent, installed complete-in-place	SY	1,000	4.80	4,800.00	1.25	1,250.00	1.39	1,390.00	2.50	2,500.00	3.00	3,000.00	2.00	2,000.00
00098-7	Temporary much, at the direction of the owner's representative	SY	2,000	0.25	500.00	0.16	320.00	0.23	460.00	1.00	1,000.00	0.25	500.00	1.00	2,000.00
Miscellaneous Items															
02017	Mobilization	LS	1	257,562.65	257,562.65	550,000.00	550,000.00	151,548.79	151,548.79	535,000.00	535,000.00	80,000.00	80,000.00	65,000.00	65,000.00
01500	Orange construction fencing for tree protection and gas line easement crossing	LF	7500	0.80	6,000.00	1.50	11,250.00	2.20	16,500.00	3.00	22,500.00	1.00	7,500.00	1.75	13,125.00
01570	Traffic Control	LS	1	10,904.70	10,904.70	30,000.00	30,000.00	10,304.67	10,304.67	14,000.00	14,000.00	30,000.00	30,000.00	25,000.00	25,000.00
01720-1	Project Record Documents. Drawings to be provided on P & P sheets including digital and file in AutoCAD format.	LS	1	19,150.85	19,150.85	20,000.00	20,000.00	17,780.08	17,780.08	12,000.00	12,000.00	25,000.00	25,000.00	18,000.00	18,000.00
02200-1	Earthwork, complete in place as specified and/or shown on drawings	EA	1	218,020.45	218,020.45	15,000.00	15,000.00	26,711.38	26,711.38	20,000.00	20,000.00	30,000.00	30,000.00	57,000.00	57,000.00
02200-1	Cleaning & Grubbing including tree clearing, etc.	LS	1	218,020.45	218,020.45	15,000.00	15,000.00	26,711.38	26,711.38	20,000.00	20,000.00	30,000.00	30,000.00	57,000.00	57,000.00

March 28, 2014
3505300

Mr. Dennis Malone
Assistant City Engineer
City of Chattanooga
1250 Market Street
Chattanooga, TN 37402

RE: ESIP Sanitary Sewer Upgrade, Phase II

Dear Mr. Malone:

Bids were received on the referenced project on Tuesday, March 25, 2014 at the City of Chattanooga, Purchasing Department. Seven bids were received, and they have been reviewed for technical accuracy and responsiveness. All bidders met the TN contractor's licensing and bonding criteria.

Attached you will find a copy of the Bid Tabulation for this project. The apparent low bidder was Mayse Construction Company with a base bid of \$5,945,410.20. We recommend that the City of Chattanooga accept the low bid from Mayse Construction Company and award them the contract to construct the referenced project in accordance with the base bid amount.

Please let us know how you would like to proceed with the project and we will prepare contract documents accordingly. Please do not hesitate to contact me should you have any questions you wish to discuss.

Sincerely,



Russell D. Moorehead, PE
Vice President/Office Manager

Enclosure

Copy to: Debbie Talley, City of Chattanooga
Ronald Simmons, City of Chattanooga
Chris Palmer, Jacobs Engineering

ENTERPRISE SOUTH INDUSTRIAL PARK SANITARY SEWER UPGRADE, PHASE 2
 CONTRACT NO. W-10-005
 TN SRF CWSRF No. 2011-289
 US EDA Grant Award No. 04-79-06577

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Mayer Construction Co.		Thomas Brothers Construction Co		Talley Construction Co.		Morgan Construction Co.		Gentry Companies, Inc.		Clary Construction Inc		Layne Heavy Civil, Inc.	
				UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL
02200-2	Crushed rock bedding material (in excess of standard bedding) at the direction of the owner's representative	CY	500	\$ 30.15	\$ 15,075.00	\$ 30.00	\$ 15,000.00	\$ 41.07	\$ 20,535.00	\$ 33.00	\$ 16,500.00	\$ 35.00	\$ 17,500.00	\$ 35.00	\$ 17,500.00	\$ 70.00	\$ 35,000.00
02200-3	Trench Check Dam	EA	11	\$ 734.25	\$ 8,076.75	\$ 10.00	\$ 110.00	\$ 1,200.01	\$ 13,200.11	\$ 270.00	\$ 2,970.00	\$ 2,000.00	\$ 22,000.00	\$ 1,400.00	\$ 15,400.00	\$ 900.00	\$ 9,900.00
02200-4	Backfill for 4- or 6-inch diameter service line (regardless of depth) beyond man trench	LF	500	\$ 23.35	\$ 11,675.00	\$ 23.00	\$ 11,500.00	\$ 44.57	\$ 22,285.00	\$ 5.00	\$ 2,500.00	\$ 60.00	\$ 30,000.00	\$ 45.00	\$ 22,500.00	\$ 42.00	\$ 21,000.00
02200-10	Backfill for 18-inch diameter pipe	LF	34	\$ 69.03	\$ 2,347.02	\$ 69.00	\$ 2,352.00	\$ 1,531.26	\$ 5,207.36	\$ 92.00	\$ 3,108.00	\$ 76.00	\$ 2,596.00	\$ 47.00	\$ 1,618.00	\$ 97.00	\$ 3,319.00
02200-10.01	0.0 to 10.0' deep	LF	270	\$ 64.85	\$ 1,751.55	\$ 64.00	\$ 1,728.00	\$ 2,021.20	\$ 5,517.24	\$ 70.00	\$ 1,890.00	\$ 50.00	\$ 1,350.00	\$ 50.00	\$ 1,350.00	\$ 100.00	\$ 2,700.00
02200-10.02	10.1 to 12.0' deep	LF	270	\$ 64.85	\$ 1,751.55	\$ 64.00	\$ 1,728.00	\$ 2,021.20	\$ 5,517.24	\$ 70.00	\$ 1,890.00	\$ 50.00	\$ 1,350.00	\$ 50.00	\$ 1,350.00	\$ 100.00	\$ 2,700.00
02200-10.03	12.1 to 14.0' deep	LF	28	\$ 77.70	\$ 2,175.60	\$ 77.00	\$ 2,156.00	\$ 86.46	\$ 2,420.88	\$ 73.00	\$ 2,034.00	\$ 63.00	\$ 1,761.00	\$ 47.00	\$ 1,311.00	\$ 97.00	\$ 2,718.00
02200-10.04	14.1 to 16.0' deep	LF	28	\$ 77.70	\$ 2,175.60	\$ 77.00	\$ 2,156.00	\$ 86.46	\$ 2,420.88	\$ 73.00	\$ 2,034.00	\$ 63.00	\$ 1,761.00	\$ 47.00	\$ 1,311.00	\$ 97.00	\$ 2,718.00
02200-15	Backfill for 15-inch diameter pipe	LF	30	\$ 53.45	\$ 1,603.50	\$ 50.00	\$ 1,500.00	\$ 61.24	\$ 1,837.20	\$ 58.00	\$ 1,740.00	\$ 75.00	\$ 2,250.00	\$ 44.00	\$ 1,320.00	\$ 72.00	\$ 2,160.00
02200-15.01	0.0 to 10.0' deep	LF	30	\$ 53.45	\$ 1,603.50	\$ 50.00	\$ 1,500.00	\$ 61.24	\$ 1,837.20	\$ 58.00	\$ 1,740.00	\$ 75.00	\$ 2,250.00	\$ 44.00	\$ 1,320.00	\$ 72.00	\$ 2,160.00
02200-15.02	10.1 to 12.0' deep	LF	30	\$ 53.45	\$ 1,603.50	\$ 50.00	\$ 1,500.00	\$ 61.24	\$ 1,837.20	\$ 58.00	\$ 1,740.00	\$ 75.00	\$ 2,250.00	\$ 44.00	\$ 1,320.00	\$ 72.00	\$ 2,160.00
02200-15.03	12.1 to 14.0' deep	LF	45	\$ 79.70	\$ 3,586.50	\$ 79.00	\$ 3,555.00	\$ 86.45	\$ 3,886.25	\$ 76.00	\$ 3,420.00	\$ 95.00	\$ 3,975.00	\$ 61.00	\$ 2,745.00	\$ 95.00	\$ 4,575.00
02200-15.04	14.1 to 16.0' deep	LF	28	\$ 91.70	\$ 2,567.60	\$ 91.00	\$ 2,548.00	\$ 102.27	\$ 2,863.56	\$ 87.00	\$ 2,454.00	\$ 150.00	\$ 3,750.00	\$ 73.00	\$ 2,466.00	\$ 127.00	\$ 3,159.00
02200-18.01	Any depth	LF	130	\$ 21.55	\$ 2,801.50	\$ 75.00	\$ 9,750.00	\$ 61.23	\$ 7,959.90	\$ 49.00	\$ 6,370.00	\$ 50.00	\$ 6,500.00	\$ 20.00	\$ 2,600.00	\$ 31.00	\$ 4,030.00
02200-30.01	Any depth	LF	215	\$ 65.05	\$ 13,985.75	\$ 80.00	\$ 17,200.00	\$ 61.23	\$ 13,164.45	\$ 49.00	\$ 10,535.00	\$ 110.00	\$ 23,650.00	\$ 36.00	\$ 8,170.00	\$ 61.00	\$ 13,115.00
02200-36	Backfill for 36-inch diameter pipe	LF	10	\$ 76.50	\$ 765.00	\$ 100.00	\$ 7,600.00	\$ 80.36	\$ 603.80	\$ 72.00	\$ 720.00	\$ 100.00	\$ 1,000.00	\$ 46.00	\$ 460.00	\$ 53.00	\$ 530.00
02200-36.01	0.0 to 10.0' deep	LF	10	\$ 76.50	\$ 765.00	\$ 100.00	\$ 7,600.00	\$ 80.36	\$ 603.80	\$ 72.00	\$ 720.00	\$ 100.00	\$ 1,000.00	\$ 46.00	\$ 460.00	\$ 53.00	\$ 530.00
02200-36.02	10.1 to 12.0' deep	LF	100	\$ 95.65	\$ 9,565.00	\$ 115.00	\$ 11,500.00	\$ 86.26	\$ 8,626.00	\$ 86.00	\$ 8,600.00	\$ 110.00	\$ 11,000.00	\$ 50.00	\$ 5,000.00	\$ 71.00	\$ 7,100.00
02200-36.03	12.1 to 14.0' deep	LF	270	\$ 101.15	\$ 27,310.50	\$ 132.00	\$ 31,680.00	\$ 116.13	\$ 31,397.10	\$ 103.00	\$ 30,810.00	\$ 150.00	\$ 36,000.00	\$ 68.00	\$ 16,800.00	\$ 90.00	\$ 27,000.00
02200-36.04	14.1 to 16.0' deep	LF	165	\$ 116.15	\$ 19,163.25	\$ 170.00	\$ 28,700.00	\$ 94.49	\$ 15,480.90	\$ 87.00	\$ 14,469.00	\$ 120.00	\$ 28,800.00	\$ 70.00	\$ 14,000.00	\$ 90.00	\$ 18,000.00
02200-36.05	16.1 to 18.0' deep	LF	165	\$ 160.20	\$ 26,433.00	\$ 200.00	\$ 32,000.00	\$ 121.89	\$ 20,111.85	\$ 136.00	\$ 21,456.00	\$ 200.00	\$ 32,000.00	\$ 111.00	\$ 22,323.00	\$ 125.00	\$ 20,625.00
02200-54.01	Any depth	LF	80	\$ 118.00	\$ 9,440.00	\$ 116.00	\$ 9,280.00	\$ 85.73	\$ 6,858.40	\$ 128.00	\$ 10,240.00	\$ 176.00	\$ 14,080.00	\$ 30.00	\$ 2,400.00	\$ 105.00	\$ 8,400.00
02560-1a	14-8 diameter manhole 0-4 to 10-ft deep	EA	8	\$ 1,995.00	\$ 15,960.00	\$ 2,000.00	\$ 16,000.00	\$ 2,355.06	\$ 18,871.68	\$ 3,300.00	\$ 26,400.00	\$ 4,500.00	\$ 36,000.00	\$ 2,800.00	\$ 22,400.00	\$ 3,800.00	\$ 30,400.00
02560-1b	5-8 diameter manhole 0-4 to 10-ft deep	EA	2	\$ 1,995.00	\$ 3,990.00	\$ 2,000.00	\$ 4,000.00	\$ 4,121.71	\$ 8,243.42	\$ 4,800.00	\$ 9,600.00	\$ 6,500.00	\$ 13,000.00	\$ 4,700.00	\$ 9,400.00	\$ 6,800.00	\$ 13,600.00
02560-1c	6-8 diameter manhole 0-4 to 10-ft deep	EA	2	\$ 4,354.50	\$ 8,709.00	\$ 4,000.00	\$ 8,000.00	\$ 4,719.70	\$ 9,439.40	\$ 6,000.00	\$ 12,000.00	\$ 8,000.00	\$ 16,000.00	\$ 7,000.00	\$ 14,000.00	\$ 10,000.00	\$ 20,000.00
02560-1d	7-8 diameter manhole 0-4 to 10-ft deep	EA	3	\$ 6,389.35	\$ 19,168.05	\$ 6,000.00	\$ 18,000.00	\$ 4,719.70	\$ 14,159.10	\$ 6,000.00	\$ 18,000.00	\$ 8,000.00	\$ 24,000.00	\$ 7,000.00	\$ 21,000.00	\$ 10,000.00	\$ 30,000.00
02560-1e	8-8 diameter manhole 0-4 to 10-ft deep	EA	2	\$ 7,650.85	\$ 15,301.70	\$ 8,000.00	\$ 16,000.00	\$ 5,123.59	\$ 10,247.18	\$ 6,800.00	\$ 13,600.00	\$ 10,000.00	\$ 20,000.00	\$ 8,000.00	\$ 16,000.00	\$ 15,500.00	\$ 31,000.00
02560-2	Standard 4-ft diameter manhole near section - extra depth over 10-ft	VF	180	\$ 110.75	\$ 19,935.00	\$ 100.00	\$ 18,000.00	\$ 167.49	\$ 30,148.20	\$ 362.00	\$ 65,160.00	\$ 80.00	\$ 14,400.00	\$ 300.00	\$ 54,000.00	\$ 250.00	\$ 45,000.00
02560-4a	Manhole vent assembly	EA	3	\$ 638.35	\$ 1,915.05	\$ 2,900.00	\$ 8,700.00	\$ 1,950.15	\$ 5,850.45	\$ 1,450.00	\$ 4,350.00	\$ 6,500.00	\$ 19,500.00	\$ 2,150.00	\$ 6,450.00	\$ 3,200.00	\$ 9,600.00
02560-4b	Abandonment of existing manhole inside on plans, including removing top 3 feet, plugging casing lines and backfilling	EA	6	\$ 461.00	\$ 2,766.00	\$ 1,000.00	\$ 6,000.00	\$ 1,625.49	\$ 9,752.94	\$ 800.00	\$ 4,800.00	\$ 500.00	\$ 3,000.00	\$ 1,200.00	\$ 7,200.00	\$ 2,800.00	\$ 16,800.00
02562	Plug valve, installed on the force main outside the pump station limits, complete-in-place	EA	2	\$ 7,819.00	\$ 15,638.00	\$ 6,500.00	\$ 13,000.00	\$ 6,446.76	\$ 12,893.52	\$ 7,700.00	\$ 15,400.00	\$ 6,500.00	\$ 13,000.00	\$ 6,300.00	\$ 12,600.00	\$ 8,000.00	\$ 16,000.00
02562-1	15" Plug valves on depressed force main (outside pump station yard) installed complete - in place as specified by the Owner.	EA	2	\$ 7,819.00	\$ 15,638.00	\$ 6,500.00	\$ 13,000.00	\$ 6,446.76	\$ 12,893.52	\$ 7,700.00	\$ 15,400.00	\$ 6,500.00	\$ 13,000.00	\$ 6,300.00	\$ 12,600.00	\$ 8,000.00	\$ 16,000.00
02722a	PVC sewers and service lines with bell and gasket O-rings joints installed in trench including excavation, bedding, initial stone installed in trench including excavation, bedding, initial stone envelope backfill to a point 6 inches above top of pipe, as required, earth trench backfill, etc. complete in place as specified. Cut Sheets Required.	EA	250	\$ 17.80	\$ 4,450.00	\$ 32.00	\$ 8,000.00	\$ 36.57	\$ 8,892.50	\$ 23.00	\$ 5,750.00	\$ 46.00	\$ 11,250.00	\$ 41.00	\$ 10,250.00	\$ 36.00	\$ 9,000.00
02722a-4	4-inch service line	LF	350	\$ 19.30	\$ 6,755.00	\$ 34.00	\$ 11,900.00	\$ 39.06	\$ 13,371.00	\$ 25.00	\$ 8,750.00	\$ 45.00	\$ 15,750.00	\$ 42.00	\$ 14,700.00	\$ 39.00	\$ 13,650.00
02722a-6	6-inch service line	LF	250	\$ 46.70	\$ 11,675.00	\$ 46.00	\$ 11,500.00	\$ 71.26	\$ 17,815.00	\$ 60.00	\$ 15,000.00	\$ 90.00	\$ 22,500.00	\$ 75.00	\$ 18,750.00	\$ 62.00	\$ 15,500.00
02722a-8	8-inch service line	LF	250	\$ 131.50	\$ 32,875.00	\$ 130.00	\$ 32,500.00	\$ 150.88	\$ 37,720.00	\$ 140.00	\$ 35,000.00	\$ 180.00	\$ 45,000.00	\$ 160.00	\$ 39,000.00	\$ 150.00	\$ 37,500.00
02722a-10.02	10.1 to 12.0' deep	LF	635	\$ 56.15	\$ 35,652.25	\$ 53.00	\$ 33,609.00	\$ 68.98	\$ 43,522.10	\$ 61.25	\$ 38,926.25	\$ 90.00	\$ 56,700.00	\$ 85.00	\$ 53,925.00	\$ 78.00	\$ 49,500.00
02722a-15	15-inch PVC pipe	LF	3	\$ 63.20	\$ 189.60	\$ 61.00	\$ 183.00	\$ 59.65	\$ 178.95	\$ 66.00	\$ 198.00	\$ 105.00	\$ 315.00	\$ 68.00	\$ 204.00	\$ 91.00	\$ 273.00
02722a-15.01	0.0 to 10.0' deep	LF	30	\$ 65.15	\$ 1,954.50	\$ 68.00	\$ 2,040.00	\$ 62.84	\$ 1,885.20	\$ 64.00	\$ 1,920.00	\$ 105.00	\$ 3,150.00	\$ 86.00	\$ 2,580.00	\$ 92.00	\$ 2,760.00
02722a-15.02	10.1 to 12.0' deep	LF	40	\$ 72.85	\$ 2,914.00	\$ 79.00	\$ 3,160.00	\$ 68.13	\$ 2,725.20	\$ 65.00	\$ 2,600.00	\$ 105.00	\$ 3,150.00	\$ 86.00	\$ 2,580.00	\$ 92.00	\$ 2,760.00
02722a-15.03	12.1 to 15.0' deep	LF	40	\$ 76.75	\$ 3,070.00	\$ 84.00	\$ 3,360.00	\$ 78.65	\$ 3,146.00	\$ 92.00	\$ 3,680.00	\$ 105.00	\$ 3,150.00	\$ 86.00	\$ 2,580.00	\$ 92.00	\$ 2,760.00
02722a-15.04	14.1 to 16.0' deep	LF	180	\$ 13.85	\$ 2,493.00	\$ 84.00	\$ 15,120.00	\$ 78.65	\$ 14,157.00	\$ 92.00	\$ 3,680.00	\$ 105.00	\$ 3,150.00	\$ 86.00	\$ 2,580.00	\$ 92.00	\$ 2,760.00
02722a-35	36-inch SN-48 CCRBPM	LF	800	\$ 165.40	\$ 132,320.00	\$ 174.00	\$ 139,200.00	\$ 164.77	\$ 131,810.00	\$ 172.00	\$ 137,600.00	\$ 210.00	\$ 168,000.00	\$ 205.00	\$ 164,000.00	\$ 255.00	\$ 204,000.00
02722a-36.01	0.0 to 10.0' deep	LF	1,850	\$ 190.45	\$ 352,222.50	\$ 178.00	\$ 334,200.00	\$ 199.72	\$ 367,488.00	\$ 184.00	\$ 343,200.00	\$ 210.00	\$ 394,200.00	\$ 215.00	\$ 402,750.00	\$ 260.00	\$ 488,000.00
02722a-36.02	10.1 to 12.0' deep	LF	1,850	\$ 190.45	\$ 352,222.50	\$ 178.00	\$ 334,200.00	\$ 199.72	\$ 367,488.00	\$ 184.00	\$ 343,200.00	\$ 210.00	\$ 394,200.00	\$ 215.00	\$ 402,750.00	\$ 260.00	\$ 488,000.00

ENTERPRISE SOUTH INDUSTRIAL PARK SANITARY SEWER UPGRADE, PHASE 2
 CONTRACT NO. W-10-005
 TN SHF CWSRF No. 2011-289
 US EDA Grant Award No. 04-79-06577

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Meads Construction Co.		Thomas Barnes Construction Co.		Talley Construction Co.		Morgan Construction Co.		Genney Companies, Inc.		Cruvey Construction Inc.		Layne Heavy Civil, Inc.	
				UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL	UNIT COST	ITEM TOTAL
02722a-38.03	12.1 to 14.6 deep	LF	1,000	\$ 204.50	\$ 204,500.00	\$ 184.00	\$ 184,000.00	\$ 207.76	\$ 207,760.00	\$ 210.00	\$ 210,000.00	\$ 225.00	\$ 225,000.00	\$ 225.00	\$ 225,000.00	\$ 285.00	\$ 285,000.00
02722a-38.04	14.1 to 16.0 deep	LF	1,000	\$ 329,470.00	\$ 329,470.00	\$ 184.00	\$ 184,000.00	\$ 207.76	\$ 207,760.00	\$ 210.00	\$ 210,000.00	\$ 225.00	\$ 225,000.00	\$ 225.00	\$ 225,000.00	\$ 285.00	\$ 285,000.00
02722a-38.05	16.1 to 18.0 deep	LF	1,000	\$ 450,000.00	\$ 450,000.00	\$ 184.00	\$ 184,000.00	\$ 207.76	\$ 207,760.00	\$ 210.00	\$ 210,000.00	\$ 225.00	\$ 225,000.00	\$ 225.00	\$ 225,000.00	\$ 285.00	\$ 285,000.00
02722a-38.06	Installed in 54" steel casing pipe	LF	1,000	\$ 214.50	\$ 214,500.00	\$ 220.00	\$ 220,000.00	\$ 254.58	\$ 254,580.00	\$ 228.00	\$ 228,000.00	\$ 228.00	\$ 228,000.00	\$ 253.00	\$ 253,000.00	\$ 150.00	\$ 150,000.00
02722a-38	SE-inch EN 72 CCFRPP	LF	664	\$ 67,335.40	\$ 44,711.30	\$ 220.00	\$ 145,200.00	\$ 254.58	\$ 169,187.52	\$ 228.00	\$ 151,680.00	\$ 228.00	\$ 151,680.00	\$ 253.00	\$ 168,180.00	\$ 150.00	\$ 99,000.00
02722a-38.01	10.0 to 10.0 deep	LF	20	\$ 187.55	\$ 3,751.00	\$ 184.00	\$ 3,680.00	\$ 197.25	\$ 3,945.00	\$ 194.00	\$ 3,880.00	\$ 222.00	\$ 4,440.00	\$ 213.00	\$ 4,260.00	\$ 260.00	\$ 5,200.00
02722a-38.02	10.1 to 12.0 deep	LF	380	\$ 207.55	\$ 78,889.00	\$ 184.00	\$ 69,920.00	\$ 197.25	\$ 75,996.00	\$ 194.00	\$ 73,720.00	\$ 222.00	\$ 84,360.00	\$ 213.00	\$ 80,940.00	\$ 260.00	\$ 99,600.00
02722a-38.03	12.1 to 14.0 deep	LF	180	\$ 215.85	\$ 38,853.00	\$ 184.00	\$ 33,120.00	\$ 197.25	\$ 35,505.00	\$ 194.00	\$ 34,920.00	\$ 222.00	\$ 39,960.00	\$ 213.00	\$ 38,340.00	\$ 260.00	\$ 46,800.00
02722a-38.04	14.1 to 16.0 deep	LF	644	\$ 223.20	\$ 143,740.80	\$ 184.00	\$ 118,576.00	\$ 197.25	\$ 127,450.00	\$ 194.00	\$ 125,136.00	\$ 222.00	\$ 143,160.00	\$ 213.00	\$ 137,412.00	\$ 260.00	\$ 167,040.00
02722a-38.05	Installed in 54" steel casing pipe	LF	603	\$ 184.50	\$ 111,263.50	\$ 220.00	\$ 133,200.00	\$ 254.58	\$ 153,598.80	\$ 228.00	\$ 137,544.00	\$ 228.00	\$ 137,544.00	\$ 253.00	\$ 152,804.00	\$ 150.00	\$ 90,000.00
02722a-38.06	4" Cement stabilized base initial pipe envelope backfill in lieu of stone envelope	LF	900	\$ 96.10	\$ 86,490.00	\$ 38.00	\$ 34,200.00	\$ 84.65	\$ 76,185.00	\$ 80.00	\$ 72,000.00	\$ 80.00	\$ 72,000.00	\$ 34.00	\$ 30,600.00	\$ 15.00	\$ 13,500.00
02722a-38.07	Service Connections on 36" CCFRPP, complete in place as specified or as shown on the drawings	EA	1	\$ 563.55	\$ 563.55	\$ 800.00	\$ 800.00	\$ 882.39	\$ 882.39	\$ 1,650.00	\$ 1,650.00	\$ 850.00	\$ 850.00	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 500.00
02722a-38.08	6" connection to 36" CCFRPP	EA	20	\$ 593.50	\$ 11,870.00	\$ 800.00	\$ 16,000.00	\$ 882.39	\$ 17,647.80	\$ 1,700.00	\$ 34,000.00	\$ 850.00	\$ 17,000.00	\$ 1,000.00	\$ 20,000.00	\$ 500.00	\$ 10,000.00
02722b	PVC pipe risers complete in place	EA	1	\$ 276.00	\$ 276.00	\$ 276.00	\$ 276.00	\$ 159.14	\$ 159.14	\$ 159.14	\$ 159.14	\$ 400.00	\$ 400.00	\$ 530.00	\$ 530.00	\$ 440.00	\$ 440.00
02722c-4	6-inch clean out	EA	15	\$ 144.30	\$ 2,164.50	\$ 350.00	\$ 5,250.00	\$ 106.64	\$ 1,599.60	\$ 1,000.00	\$ 15,000.00	\$ 400.00	\$ 6,000.00	\$ 600.00	\$ 9,000.00	\$ 500.00	\$ 7,500.00
02722e	PVC pipe tees, complete in place as specified or as shown on the drawings	EA	4	\$ 157.85	\$ 631.40	\$ 50.00	\$ 200.00	\$ 154.19	\$ 616.76	\$ 1,100.00	\$ 4,400.00	\$ 600.00	\$ 2,400.00	\$ 650.00	\$ 2,600.00	\$ 260.00	\$ 1,040.00
02722f-1014	10-inch x 4-inch pipe tee	EA	1	\$ 153.35	\$ 153.35	\$ 50.00	\$ 50.00	\$ 150.90	\$ 150.90	\$ 1,100.00	\$ 1,100.00	\$ 600.00	\$ 600.00	\$ 700.00	\$ 700.00	\$ 260.00	\$ 260.00
02722f-1018	10-inch x 6-inch pipe tee	EA	1	\$ 153.35	\$ 153.35	\$ 50.00	\$ 50.00	\$ 150.90	\$ 150.90	\$ 1,100.00	\$ 1,100.00	\$ 600.00	\$ 600.00	\$ 700.00	\$ 700.00	\$ 260.00	\$ 260.00
02722g	Station Welded High Density Poly Ethylene (HDPE) Pipe Force Main 18-inch HDPE pipe, complete in place as specified or as shown on the drawings required earth trench backfill, etc. complete in place as specified -Installed in casing pipe includes installing in casing, spacers, concrete casing cap, etc. complete-in-place as specified	EA	2	\$ 6,096.70	\$ 12,193.40	\$ 6,000.00	\$ 12,000.00	\$ 6,220.22	\$ 12,440.44	\$ 7,600.00	\$ 15,200.00	\$ 7,500.00	\$ 15,000.00	\$ 8,000.00	\$ 16,000.00	\$ 9,000.00	\$ 18,000.00
02722h-1	2-inch A-closure valve assembly and manhole structure	EA	2	\$ 47.95	\$ 95.90	\$ 40.00	\$ 80.00	\$ 20.32	\$ 40.64	\$ 43.00	\$ 86.00	\$ 35.00	\$ 70.00	\$ 53.00	\$ 106.00	\$ 66.00	\$ 132.00
02722h-4	4" PVC force main, including excavation, backfill, pipe, fittings, connection to manhole, etc. complete-in-place as specified	LF	50	\$ 2,387.50	\$ 119,375.00	\$ 2,000.00	\$ 100,000.00	\$ 1,986.00	\$ 99,300.00	\$ 43.00	\$ 2,150.00	\$ 35.00	\$ 1,750.00	\$ 53.00	\$ 2,650.00	\$ 66.00	\$ 3,300.00
02722h-18	18-inch HDPE pipe (PE 4710 DIPS DR 13)	LF	4,500	\$ 70.30	\$ 316,350.00	\$ 90.00	\$ 405,000.00	\$ 80.61	\$ 362,745.00	\$ 85.50	\$ 384,750.00	\$ 75.00	\$ 337,500.00	\$ 100.00	\$ 450,000.00	\$ 80.00	\$ 360,000.00
02722h-18.02	Installed in trench	LF	653	\$ 58.30	\$ 38,049.90	\$ 106.00	\$ 69,218.00	\$ 15.10	\$ 9,850.50	\$ 102.00	\$ 66,368.00	\$ 75.00	\$ 48,975.00	\$ 95.00	\$ 61,925.00	\$ 66.00	\$ 43,068.00
02722i	Staggerable pump station upgrade, Complete-in-place, as shown on the drawings, including all interior and final work within the limits of the proposed pump station yard and associated appurtenances. Includes force main extension to a point no further than twenty feet beyond the proposed pump station fence and driveway connection from the proposed pump station fence to the existing driveway.	EA	1	\$ 808,974.35	\$ 808,974.35	\$ 1,025,000.00	\$ 1,025,000.00	\$ 1,123,041.20	\$ 1,123,041.20	\$ 1,088,800.00	\$ 1,088,800.00	\$ 1,200,000.00	\$ 1,200,000.00	\$ 1,338,045.00	\$ 1,338,045.00	\$ 1,338,045.00	\$ 1,338,045.00
02722j-1	Submersible pump station	EA	1	\$ 27,130.85	\$ 27,130.85	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 7,200.00	\$ 7,200.00	\$ 4,500.00	\$ 4,500.00	\$ 35,000.00	\$ 35,000.00	\$ 41,000.00	\$ 41,000.00
02722k-1	Bypass pumping at Grassy Sewer Station 0400, only	LS	1	\$ 2,100.00	\$ 2,100.00	\$ 2,000.00	\$ 2,000.00	\$ 4,017.00	\$ 4,017.00	\$ 350.00	\$ 350.00	\$ 675.00	\$ 675.00	\$ 1,400.00	\$ 1,400.00	\$ 500.00	\$ 500.00
02722l-1	Forster Holly, E-10 feet in height	EA	19	\$ 241.00	\$ 4,579.00	\$ 200.00	\$ 3,800.00	\$ 267.80	\$ 5,088.20	\$ 500.00	\$ 9,500.00	\$ 450.00	\$ 8,550.00	\$ 1,400.00	\$ 2,660.00	\$ 650.00	\$ 1,300.00
02722m-2	October Glory Red Marigolds, 2.5' caliber	EA	4	\$ 181.00	\$ 724.00	\$ 155.00	\$ 620.00	\$ 257.50	\$ 1,030.00	\$ 500.00	\$ 2,000.00	\$ 350.00	\$ 1,400.00	\$ 275.00	\$ 1,100.00	\$ 400.00	\$ 1,600.00
02722n-1	36-inch Pump riser, complete in place as specified or as shown on the drawings	EA	4	\$ 181.00	\$ 724.00	\$ 155.00	\$ 620.00	\$ 257.50	\$ 1,030.00	\$ 500.00	\$ 2,000.00	\$ 350.00	\$ 1,400.00	\$ 275.00	\$ 1,100.00	\$ 400.00	\$ 1,600.00
02722n-1a0	36-inch Casing Pipe	EA	4	\$ 181.00	\$ 724.00	\$ 155.00	\$ 620.00	\$ 257.50	\$ 1,030.00	\$ 500.00	\$ 2,000.00	\$ 350.00	\$ 1,400.00	\$ 275.00	\$ 1,100.00	\$ 400.00	\$ 1,600.00
02722n-1a01	Open cut	LF	213	\$ 186.00	\$ 39,618.00	\$ 160.00	\$ 33,920.00	\$ 134.84	\$ 28,717.96	\$ 144.00	\$ 30,768.00	\$ 225.00	\$ 47,775.00	\$ 215.00	\$ 45,765.00	\$ 260.00	\$ 55,800.00
02722n-1a02	Jacks & Bore	LF	441	\$ 502.05	\$ 221,402.05	\$ 400.00	\$ 176,000.00	\$ 751.27	\$ 331,310.07	\$ 433.00	\$ 190,953.00	\$ 400.00	\$ 176,000.00	\$ 530.00	\$ 235,200.00	\$ 600.00	\$ 264,000.00
02722n-1a01	Jacks & Bore	LF	85	\$ 448.00	\$ 38,080.00	\$ 365.00	\$ 30,925.00	\$ 378.43	\$ 33,166.55	\$ 435.00	\$ 37,000.00	\$ 600.00	\$ 51,000.00	\$ 531.00	\$ 45,135.00	\$ 475.00	\$ 40,375.00
02722n-1a01	Jacks & Bore	LF	644	\$ 1,728.45	\$ 1,113,171.80	\$ 1,385.00	\$ 891,840.00	\$ 1,699.45	\$ 1,094,445.80	\$ 1,380.00	\$ 711,584.00	\$ 1,200.00	\$ 772,800.00	\$ 1,600.00	\$ 1,030,400.00	\$ 1,500.00	\$ 965,300.00
02722n-1a02	Flowable Low Strength Material	CY	120	\$ 97.45	\$ 11,694.00	\$ 95.00	\$ 11,400.00	\$ 89.15	\$ 10,898.00	\$ 120.00	\$ 14,400.00	\$ 100.00	\$ 12,000.00	\$ 100.00	\$ 12,000.00	\$ 225.00	\$ 27,000.00
02722n-1a02	Flowable F#	CY	1	\$ 5,945.410.20	\$ 5,945.410.20	\$ 5,945.410.20	\$ 5,945,410.20	\$ 6,186,024.00	\$ 6,186,024.00	\$ 6,287,287.00	\$ 6,287,287.00	\$ 6,287,287.00	\$ 6,287,287.00	\$ 6,287,287.00	\$ 6,287,287.00	\$ 6,287,287.00	\$ 6,287,287.00

Note: Unless otherwise stated, all bid items shall be complete installation as specified and or shown on the drawings.

Note: The starred cells reflect the corrected amount from the Contractor's bid schedule due to mathematical or other errors.

**Bidder total corrected based on mathematical error in the item.

I certify that the best of my knowledge, the Bid Tabulation Summary is true and correct.

Russell D. Moorehead, PE

3/23/14

In case of discrepancies, the extension of the Quantities and the Unit Price Govern. Quantities are not guaranteed. Final payment will be based on actual quantities.

Note: The starred cells reflect the corrected amount from the Contractor's bid schedule due to mathematical or other errors.

