

BUREAU OF ENVIRONMENTAL SERVICES
MEMORANDUM
ENGINEERING SERVICES DIVISION

DATE: September 27, 2013

TO: Kathleen Brenes-Morua, Procurement Services

THROUGH: Mark Hutchinson, Construction Division Manager
Susan Aldrich, CIP Manager

FROM: Don Poletski, Construction Project Manager
Colleen Harold, Design Project Manager

RE: Bid No. 115644
Project No. E10269

SUBJECT: Eastmoreland-Woodstock Sewer Rehabilitation Project
Contract Award Recommendation



We have reviewed the bids for this project.

The proposal from Moore Excavation, Inc. shows a bid amount of \$9,672,115.00, which is 20.72% under the Engineer's Estimate of \$12,200,557.00 and is the apparent low bid.

We therefore recommend that Procurement Services accept the proposal from Moore Excavation, Inc., the apparent low bidder, as the lowest responsible bidder. This recommendation is subject to your evaluation of the bid packet for completeness and responsiveness.

Please contact me at 503-823-2968, if you have any questions.

cc: Bill Ryan
Scott Gibson
Liz Moorhead
John Houle
Veronica Ferguson
Dave Nunamaker
Jaime de la Garza
Neil Bruesch
Neil Choate
Andi Gresh
Const. File w/sup.docs
TRIM Folder 54.0

Attachment: Bid Tabs

GOOD FAITH EFFORT COMPLIANCE REPORT

Handwritten initials and signature

Submission substantially complies with Good Faith Effort Requirements		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Reviewed by:	Brenda Scott	
Date:	9-18-13	

PROJECT INFORMATION

PROJECT NAME & BUREAU	Eastmoreland-Woodstock Sewer Rehabilitation Project (BES)
BID NUMBER	115644
PRE-BID DATE	8-1-13
BID OPEN DATE	9-10-13
BID AMOUNT	\$9,672,115
CONTRACTOR	Moore Excavation Inc.

AT BID SUBMISSION

QUESTION	YES	NO
Did contractor submit the GFE Form 1 (Subcontractor and Self-Perform Work List)?	x	

M/W/ESB PARTICIPATION – Total Bid

PARTICIPATION TYPE	TOTAL \$	PERCENTAGE OF TOTAL BID AMOUNT
MBE	\$75,000	.8%
WBE	\$8,438.80	.09%
ESB	\$0	0%
Total M/W/ESB Participation	\$83,438.80	Total bid – .9% Subcontract percentage – 9.5%

M/WBE PARTICIPATION – Subcontracting (35% Aspirational goal)

TOTAL OF ALL SUBCONTRACTS (including non-certified firms)	TOTAL MBE & WBE SUBCONTRACTS	PERCENTAGE OF M/WBE SUBCONTRACTS
\$876,026.80	\$83,438.80	9.5%

GOOD FAITH DOCUMENTATION (24 HOURS AFTER BID OPENING)

	QUESTION	YES	NO	NOTES
1.	<i>Did prime contractor attend the mandatory pre-bid meeting? (If pre-bid meeting was waived, note in NOTES column.) Check sign-up sheet with Buyer.</i>	X		
2.	<i>Did contractor explain why identified divisions of work (DOW) were not included for subcontracting? (See Form 1)</i>	X		
3.	<i>Were letters or faxes sent to all M/W/ESBs (in identified DOW's to be subcontracted) at the pre-bid meeting?(Form 2)</i>	X		
4.	<i>Was a minimum of five (5) M/W/ESB firms contacted (in each identified DOW to be subcontracted) by letter or fax to bid on this project?(Form 2)</i>	X		
5.	<i>Were M/W/ESB firms contacted at least seven (7) calendar days before the bid opening?(Form 2)</i>	X		
6.	<i>Is a copy of the letter or fax sent to potential M/W/ESB subs included in Good Faith documentation?</i>	X		
7.	<i>Did prime provide a completed M/W/ESB Contact/Bids Received Log (Form 2)?</i>	X		

GOOD FAITH EFFORT ANALYSIS

1.	Divisions of Work Identified by City: Asphalt Paving; Concrete Work; Excavating; Hauling Services (Trucking); Sewer, Water & Storm Drain Work; and Traffic Control Services (Includes TPDT).
2.	Rationale for non-utilization of subcontractors for suggested Divisions of Work: Self-performing.
3.	All Divisions of Work to be used on this project: Same as #1 plus Missed Opportunities – Concrete Cutting; Drilling/Boring; and Landscaping.
4.	Certified Subcontractors' name, Cert Type, and Subcontract amount used on the Project: Tri-Star Flagging LLC (MBE Traffic Control Services (Includes TPDT)) - \$50,000; Brothers Concrete Cutting (MBE Concrete Cutting) - \$25,000; and Miller Factors (WBE Landscaping) - \$8,438.80.
5.	Subcontractor names and subcontract amounts awarded to non-certified firms: KF Jacobsen & Company (Asphalt Paving) - \$792,588.
6.	Divisions of Work retained by Prime: Concrete Work; Excavating; Hauling Services (Trucking); Sewer, Water & Storm Drain Work; and partial Traffic Control Services (Includes TPDT). Also Missed Opportunities – partial Concrete Cutting; and Drilling/Boring.
7.	Bids received from certified firms (not used): Kodiak Pacific Construction (WBE Asphalt Paving) - \$997,104; All About Flagging (MBE Traffic Control Services (Includes TPDT)) – Various Rates; Cavico Northwest LLC (MBE Traffic Control Services (Includes TPDT)) - \$46.50hr; Chick of All Trades LLC (MBE Traffic Control Services – includes TPDT) - \$44hr; D&H Flagging (WBE Traffic Control Services (Includes TPDT)) - \$46.75hr; and Missed Opportunity bid - Gonzales Boring & Tunneling (MBE Drilling/Boring) – Various per Bid Item.
8.	Check Compliance file for prime contractor. Are there any contract compliance issues in the prime's Compliance file (last 3 years) that should be noted for the Purchasing Agent's Report to Council? No.
9.	Any special Good Faith Efforts undertaken by the Prime Contractor? Yes, prime contacted more than the required number of MWESB's in all DOW's. They also solicited in Missed Opportunity DOW's.

10.	List of other prime bids received: Note any special Good Faith Efforts taken by the Prime Contractor and if good faith effort documentation submitted (Forms 1/2). Tapani Inc. - \$11,679,336.25 (Form 1); James W Fowler - \$12,316,900 (Form 1); and Emery & Sons Construction - \$11,834,090 (Form 1).
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Notes:

EEO Cert. Expires: 11/29/13
COP License No.: 171604
CCB License No.: 28397

Issues: After having a discussion regarding their low participation, Moore Excavation committed to increase their participation by \$43,000. Brothers Concrete Cutting (MBE) will increase from \$25k to \$43k and they will use a minority trucker for \$25k. This added commitment will increase their MWESB subcontract participation from 9.5% to \$14.4%.

Clarifications: None.

Summary of Moore Excavation Inc.'s Good Faith Efforts:

DOW		Required M/W/ESB Contacts	# M/W/ESBs Contacted	# Bids Received	# Bids Used
91395	ASPHALT PAVING	5	8	1	0
91382	CONCRETE CUTTING	0	10	1	1
91216	DRILLING/BORING	0	6	1	0
98852	LANDSCAPING	0	7	1	1
96884	TRAFFIC CONTROL SERVICES (INCLUDES TPDT)	6	11	5	1
Total		11	42	9	3

Level of Effort:

	High	Met the aspirational goal.
x	Moderate	Exceeded the solicitation requirements and/or achieved some participation.
	Low	Met the minimal solicitation requirements but achieved NO participation.

Recommendation: Approval. The contractor is in compliance with the GFE specifications.

Bid No: 115644												
Project Name: Eastmoreland-Woodstock Sewer Rehabilitation Project												
Date Bid Opened: 09/10/13												
Project Manager: Colleen Harold												
Engineers Estimate: \$12,000,000.00												
Item		Est.		Spec	Moore Excavation, Inc.		Tapani, Inc.		Emery & Sons Construction, Inc.		James W. Fowler Co.	
No	Description	Quant	Units	Reference	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended
1	MOBILIZATION	1	LS	0210	\$960,000.00	\$960,000.00	\$700,000.00	\$700,000.00	\$1,175,000.00	\$1,175,000.00	\$1,200,000.00	\$1,200,000.00
2	TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	1	LS	0225	\$70,000.00	\$70,000.00	\$100,000.00	\$100,000.00	\$50,000.00	\$50,000.00	\$96,787.00	\$96,787.00
3	FLAGGERS	6,500	HR	0225	\$38.00	\$247,000.00	\$35.00	\$227,500.00	\$47.00	\$305,500.00	\$50.00	\$325,000.00
4	PORTABLE CHANGEABLE MESSAGE SIGN	44	WK	0225	\$450.00	\$19,800.00	\$300.00	\$13,200.00	\$700.00	\$30,800.00	\$355.00	\$15,620.00
5	EROSION CONTROL	1	LS	0280	\$20,000.00	\$20,000.00	\$35,000.00	\$35,000.00	\$68,000.00	\$68,000.00	\$125,000.00	\$125,000.00
6	INLET PROTECTION	225	EA	0280	\$95.00	\$21,375.00	\$75.00	\$16,875.00	\$85.00	\$19,125.00	\$105.00	\$23,625.00
7	POLLUTION CONTROL PLAN	1	LS	0290	\$5,000.00	\$5,000.00	\$1,200.00	\$1,200.00	\$2,000.00	\$2,000.00	\$2,700.00	\$2,700.00
8	REMOVAL OF MANHOLES	4	EA	0310	\$4,200.00	\$16,800.00	\$1,000.00	\$4,000.00	\$1,600.00	\$6,400.00	\$2,100.00	\$8,400.00
9	REMOVAL OF PAVEMENT, AC/PCC	1	LS	0310	\$120,000.00	\$120,000.00	\$29,000.00	\$29,000.00	\$1,500.00	\$1,500.00	\$11,000.00	\$11,000.00
10	REMOVAL OF RAILROAD TRACK AND TIES	250	FT	0310	\$40.00	\$10,000.00	\$40.00	\$10,000.00	\$40.00	\$10,000.00	\$27.00	\$6,750.00
11	CLEARING AND GRUBBING	1	LS	0320	\$6,000.00	\$6,000.00	\$12,000.00	\$12,000.00	\$1,500.00	\$1,500.00	\$25,000.00	\$25,000.00
12	VIDEO INSPECTION OF SEWERS, MAINLINE	56,205	FT	0401	\$2.00	\$112,410.00	\$2.25	\$126,461.25	\$2.00	\$112,410.00	\$2.00	\$112,410.00
13	VIDEO INSPECTION OF SEWERS, LATERAL	764	EA	0401	\$105.00	\$80,220.00	\$110.00	\$84,040.00	\$90.00	\$68,760.00	\$92.00	\$70,288.00
14	TRENCH EXCAVATION, COMMON	60,000	CY	0405	\$3.00	\$180,000.00	\$5.00	\$300,000.00	\$0.01	\$600.00	\$0.50	\$30,000.00
15	TRENCH BACKFILL, CLASS B	50,000	CY	0405	\$3.00	\$150,000.00	\$5.00	\$250,000.00	\$0.01	\$500.00	\$0.50	\$25,000.00
16	TRENCH FOUNDATION STABILIZATION	2,325	CY	0405	\$30.00	\$69,750.00	\$15.00	\$34,875.00	\$50.00	\$116,250.00	\$70.00	\$162,750.00
17	OWNER DIRECTED EXPLORATORY EXCAVATION	100	CY	0405	\$85.00	\$8,500.00	\$400.00	\$40,000.00	\$55.00	\$5,500.00	\$70.00	\$7,000.00
18	OWNER DIRECTED EXPLORATORY VACTOR EXCAVATION	50	EA	0405	\$650.00	\$32,500.00	\$500.00	\$25,000.00	\$600.00	\$30,000.00	\$700.00	\$35,000.00
19	POTHOLE EXCAVATION	10	EA	0405	\$650.00	\$6,500.00	\$500.00	\$5,000.00	\$600.00	\$6,000.00	\$700.00	\$7,000.00
20	ENGINEERED SHORING	1	LS	0405	\$25,000.00	\$25,000.00	\$7,500.00	\$7,500.00	\$15,000.00	\$15,000.00	\$5,500.00	\$5,500.00
21	DEWATERING	1	LS	0405	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00
22	TUNNELING, 6 INCH ID PIPE	895	FT	0406	\$86.00	\$76,970.00	\$175.00	\$156,625.00	\$115.00	\$102,925.00	\$140.00	\$125,300.00
23	TEES, 6 INCH	7	EA	0406	\$150.00	\$1,050.00	\$100.00	\$700.00	\$378.00	\$2,646.00	\$18.00	\$126.00
24	PILOT TUBE MICROTUNNELING, 12 INCH ID PIPE	772	FT	0409	\$200.00	\$154,400.00	\$375.00	\$289,500.00	\$160.00	\$123,520.00	\$385.00	\$297,220.00
25	CIPP LINER, LATERAL	440	FT	0410	\$175.00	\$77,000.00	\$250.00	\$110,000.00	\$200.00	\$88,000.00	\$225.00	\$99,000.00
26	HDPE PIPE-BURST INSTALLATION 12 INCH	1,070	FT	0412	\$110.00	\$117,700.00	\$90.00	\$96,300.00	\$78.00	\$83,460.00	\$155.00	\$165,850.00
27	HDPE PIPE-BURST INSTALLATION 20 INCH	601	FT	0412	\$175.00	\$105,175.00	\$200.00	\$120,200.00	\$128.00	\$76,928.00	\$165.00	\$99,165.00
28	HDPE PIPE-BURST INSTALLATION 24 INCH	193	FT	0412	\$320.00	\$61,760.00	\$250.00	\$48,250.00	\$360.00	\$69,480.00	\$225.00	\$43,425.00
29	SLIPLINE, 16 INCH HDPE F714, ASTM DR 32.5	258	FT	0413	\$125.00	\$32,250.00	\$100.00	\$25,800.00	\$94.00	\$24,252.00	\$64.00	\$16,512.00
30	SLIPLINE, 18 INCH HDPE F714, ASTM DR 32.5	116	FT	0413	\$210.00	\$24,360.00	\$120.00	\$13,920.00	\$156.00	\$18,096.00	\$44.00	\$5,104.00
31	36 INCH CONCRETE CLOSURE COLLARS	1	EA	0445	\$4,000.00	\$4,000.00	\$1,500.00	\$1,500.00	\$3,600.00	\$3,600.00	\$21,000.00	\$21,000.00
32	6 INCH PIPE, PVC ASTM D3034 SDR 35, BEDDING TYPE: D	6,000	FT	0445	\$84.00	\$504,000.00	\$80.00	\$480,000.00	\$130.00	\$780,000.00	\$110.00	\$660,000.00
33	12 INCH PIPE, PVC ASTM D3034 SDR 35, BEDDING TYPE: D	17,850	FT	0445	\$86.00	\$1,535,100.00	\$150.00	\$2,677,500.00	\$150.00	\$2,677,500.00	\$165.00	\$2,945,250.00
34	15 INCH PIPE, PVC ASTM D3034 SDR 35, BEDDING TYPE: D	3,790	FT	0445	\$105.00	\$397,950.00	\$175.00	\$663,250.00	\$155.00	\$587,450.00	\$150.00	\$568,500.00
35	12 INCH PIPE, HDPE ASTM F714 SDR 26, BEDDING TYPE: D	4,875	FT	0445	\$75.00	\$365,625.00	\$150.00	\$731,250.00	\$90.00	\$438,750.00	\$80.00	\$390,000.00
36	15 INCH PIPE, RCP ASTM C-76 CLASS IV, BEDDING TYPE: B	427	FT	0445	\$160.00	\$68,320.00	\$100.00	\$42,700.00	\$175.00	\$74,725.00	\$160.00	\$68,320.00
37	18 INCH PIPE, RCP ASTM C-76 CLASS IV, BEDDING TYPE: B	564	FT	0445	\$175.00	\$98,700.00	\$125.00	\$70,500.00	\$200.00	\$112,800.00	\$160.00	\$90,240.00
38	21 INCH PIPE, RCP ASTM C76 CLASS IV, BEDDING TYPE: B	731	FT	0445	\$185.00	\$135,235.00	\$150.00	\$109,650.00	\$200.00	\$146,200.00	\$200.00	\$146,200.00
39	24 INCH PIPE, RCP ASTM C76 CLASS IV, BEDDING TYPE: B	475	FT	0445	\$190.00	\$90,250.00	\$165.00	\$78,375.00	\$236.00	\$112,100.00	\$225.00	\$106,875.00
40	15 INCH PIPE, RCP ASTM C-76 CLASS V, BEDDING TYPE: B	1,050	FT	0445	\$300.00	\$315,000.00	\$125.00	\$131,250.00	\$255.00	\$267,750.00	\$355.00	\$372,750.00
41	21 INCH PIPE, RCP ASTM C76 CLASS V, BEDDING TYPE: B	792	FT	0445	\$170.00	\$134,640.00	\$135.00	\$106,920.00	\$236.00	\$186,912.00	\$220.00	\$174,240.00
42	30 INCH PIPE, RCP ASTM C76 CLASS V, BEDDING TYPE: B	330	FT	0445	\$200.00	\$66,000.00	\$150.00	\$49,500.00	\$270.00	\$89,100.00	\$234.00	\$77,220.00

Bid No: 115644												
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Date Bid Opened: 09/10/13												
Project Manager: Colleen Harold												
Engineers Estimate: \$12,000,000.00												
Item		Est.		Spec	Moore Excavation, Inc.		Tapani, Inc.		Emery & Sons Construction, Inc.		James W. Fowler Co.	
No	Description	Quant	Units	Reference	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended
43	36 INCH PIPE, RCP ASTM C76 CLASS IV, BEDDING TYPE: B	15	FT	0445	\$375.00	\$5,625.00	\$165.00	\$2,475.00	\$300.00	\$4,500.00	\$425.00	\$6,375.00
44	PIPE TEES OR WYES 12 INCH X 6 INCH	488	EA	0445	\$200.00	\$97,600.00	\$100.00	\$48,800.00	\$1,080.00	\$527,040.00	\$70.00	\$34,160.00
45	PIPE TEES OR WYES 15 INCH X 6 INCH	106	EA	0445	\$250.00	\$26,500.00	\$100.00	\$10,600.00	\$1,080.00	\$114,480.00	\$70.00	\$7,420.00
46	SERVICE LATERAL CLEANOUT	18	EA	0445	\$575.00	\$10,350.00	\$800.00	\$14,400.00	\$450.00	\$8,100.00	\$950.00	\$17,100.00
47	FIELD FABRICATED CONNECTIONS	168	EA	0445	\$250.00	\$42,000.00	\$300.00	\$50,400.00	\$1,200.00	\$201,600.00	\$950.00	\$159,600.00
48	CONCRETE MANHOLES, 48 INCH, 0-8 FT DEPTH	104	EA	0470	\$4,000.00	\$416,000.00	\$4,000.00	\$416,000.00	\$4,000.00	\$416,000.00	\$4,400.00	\$457,600.00
49	CONCRETE MANHOLES, 48 INCH, DEEPER THAN 8 FT	407	FT	0470	\$180.00	\$73,260.00	\$150.00	\$61,050.00	\$130.00	\$52,910.00	\$85.00	\$34,595.00
50	CONCRETE MANHOLES, 60 INCH 0-8 FT DEPTH	10	EA	0470	\$7,000.00	\$70,000.00	\$6,500.00	\$65,000.00	\$9,000.00	\$90,000.00	\$6,000.00	\$60,000.00
51	CONCRETE MANHOLES, 60 INCH, DEEPER THAN 8 FT	60	FT	0470	\$285.00	\$17,100.00	\$250.00	\$15,000.00	\$250.00	\$15,000.00	\$155.00	\$9,300.00
52	CONCRETE MANHOLES, 72 INCH DEEPER THAN 8 FT	6	EA	0470	\$9,500.00	\$57,000.00	\$14,000.00	\$84,000.00	\$13,000.00	\$78,000.00	\$9,400.00	\$56,400.00
53	CONCRETE MANHOLES, 72 INCH, DEEPER THAN 8 FT	40	FT	0470	\$300.00	\$12,000.00	\$250.00	\$10,000.00	\$275.00	\$11,000.00	\$135.00	\$5,400.00
54	CONCRETE INLETS, TYPE G2	141	EA	0470	\$1,800.00	\$253,800.00	\$2,500.00	\$352,500.00	\$1,500.00	\$211,500.00	\$1,300.00	\$183,300.00
55	INSIDE DROP ASSEMBLY, 12 INCH	3	EA	0470	\$1,600.00	\$4,800.00	\$2,000.00	\$6,000.00	\$1,200.00	\$3,600.00	\$1,700.00	\$5,100.00
56	FILLING ABANDONED STRUCTURES	24	EA	0490	\$1,800.00	\$43,200.00	\$800.00	\$19,200.00	\$1,500.00	\$36,000.00	\$1,500.00	\$36,000.00
57	MINOR ADJUSTMENT OF MANHOLES	7	EA	0490	\$750.00	\$5,250.00	\$200.00	\$1,400.00	\$600.00	\$4,200.00	\$315.00	\$2,205.00
58	MANHOLES OVER EXISTING SEWERS	3	EA	0490	\$6,000.00	\$18,000.00	\$5,000.00	\$15,000.00	\$6,000.00	\$18,000.00	\$3,400.00	\$10,200.00
59	RECONSTRUCT MANHOLE BASE	4	EA	0490	\$2,000.00	\$8,000.00	\$2,000.00	\$8,000.00	\$1,600.00	\$6,400.00	\$2,500.00	\$10,000.00
60	CONNECTION TO EXISTING STRUCTURES	70	EA	0490	\$2,000.00	\$140,000.00	\$1,200.00	\$84,000.00	\$1,600.00	\$112,000.00	\$2,500.00	\$175,000.00
61	DIVERSION OF FLOW	1	LS	0490	\$180,000.00	\$180,000.00	\$75,000.00	\$75,000.00	\$200,000.00	\$200,000.00	\$525,000.00	\$525,000.00
62	REPLACE MANHOLE STEPS	527	EA	0490	\$85.00	\$44,795.00	\$35.00	\$18,445.00	\$55.00	\$28,985.00	\$82.00	\$43,214.00
63	PERMANENT PLUGS	191	EA	0490	\$250.00	\$47,750.00	\$90.00	\$17,190.00	\$300.00	\$57,300.00	\$230.00	\$43,930.00
64	CLSM FOR ABANDONED PIPES	720	CY	0490	\$120.00	\$86,400.00	\$130.00	\$93,600.00	\$135.00	\$97,200.00	\$123.00	\$88,560.00
65	SUMP SYSTEM SITE REMEDIATION	3	EA	0491	\$1,600.00	\$4,800.00	\$500.00	\$1,500.00	\$1,500.00	\$4,500.00	\$1,100.00	\$3,300.00
66	REHABILITE MANHOLE, STRUCTURAL	2,345	SF	0492	\$18.00	\$42,210.00	\$32.00	\$75,040.00	\$40.00	\$93,800.00	\$18.00	\$42,210.00
67	TEMPORARY TRENCH RESURFACING	11,100	SY	0495	\$10.00	\$111,000.00	\$21.00	\$233,100.00	\$17.00	\$188,700.00	\$21.00	\$233,100.00
68	TRENCH RESURFACING W/O BASE, MHMAC, 4 INCH	7,279	SY	0495	\$32.00	\$232,928.00	\$60.00	\$436,740.00	\$20.00	\$145,580.00	\$27.00	\$196,533.00
69	TRENCH RESURFACING W/O BASE, MHMAC, 6 INCH	3,371	SY	0495	\$49.00	\$165,179.00	\$80.00	\$269,680.00	\$30.00	\$101,130.00	\$41.00	\$138,211.00
70	TRENCH RESURFACING W/O BASE, MHMAC, 8 INCH	3,421	SY	0495	\$63.00	\$215,523.00	\$100.00	\$342,100.00	\$40.00	\$136,840.00	\$55.00	\$188,155.00
71	TRENCH RESURFACING W/O BASE, MHMAC, 12 INCH	117	SY	0495	\$108.00	\$12,636.00	\$175.00	\$20,475.00	\$65.00	\$7,605.00	\$85.00	\$9,945.00
72	TRENCH RESURFACING W/O BASE, CONCRETE PAVING, 6 INCH	470	SY	0495	\$100.00	\$47,000.00	\$60.00	\$28,200.00	\$97.00	\$45,590.00	\$85.00	\$39,950.00
73	TRENCH RESURFACING W/O BASE, ROCK SURFACING, 4 INCH	300	SY	0495	\$15.00	\$4,500.00	\$65.00	\$19,500.00	\$13.00	\$3,900.00	\$26.00	\$7,800.00
74	COLD PLANE PAVEMENT REMOVAL, 0-2 INCHES DEEP	20,200	SY	0620	\$2.25	\$45,450.00	\$3.00	\$60,600.00	\$4.50	\$90,900.00	\$3.00	\$60,600.00
75	COLD PLANE PAVEMENT REMOVAL, 0-4 INCHES DEEP	10,110	SY	0620	\$5.00	\$50,550.00	\$4.00	\$40,440.00	\$5.00	\$50,550.00	\$4.00	\$40,440.00
76	AGGREGATE BASE	3,331	CY	0640	\$29.00	\$96,599.00	\$40.00	\$133,240.00	\$26.00	\$86,606.00	\$35.00	\$116,585.00
77	LEVEL 2, 1/2 INCH DENSE, MHMAC MIXTURE	4,600	TON	0744	\$73.00	\$335,800.00	\$89.00	\$409,400.00	\$82.00	\$377,200.00	\$80.00	\$368,000.00
78	LEVEL 2, 1/2 INCH DENSE, MHMAC MIXTURE, IN LEVELING	920	TON	0744	\$78.00	\$71,760.00	\$91.00	\$83,720.00	\$90.00	\$82,800.00	\$90.00	\$82,800.00
79	CONCRETE WALKS	325	SF	0759	\$12.00	\$3,900.00	\$17.00	\$5,525.00	\$11.00	\$3,575.00	\$7.00	\$2,275.00
80	CONCRETE CURBS, STANDARD CURB	485	FT	0759	\$34.00	\$16,490.00	\$25.00	\$12,125.00	\$22.00	\$10,670.00	\$22.00	\$10,670.00
81	CONCRETE DRIVEWAYS	30	SF	0759	\$40.00	\$1,200.00	\$18.00	\$540.00	\$22.00	\$660.00	\$10.00	\$300.00
82	LAWN SEEDING	92	SY	1030	\$5.00	\$460.00	\$5.00	\$460.00	\$5.00	\$460.00	\$5.00	\$460.00
83	TOPSOIL	190	CY	1040	\$44.00	\$8,360.00	\$45.00	\$8,550.00	\$43.00	\$8,170.00	\$42.00	\$7,980.00
	Total					\$9,672,115.00		\$11,679,336.25		\$11,834,090.00		\$12,316,900.00
	Bid Surety					Yes BB		Yes BB		Yes BB		Yes BB
	Contractor Board License No.					28397		63434		312		63701