



Roll Call Number

Agenda Item Number

47

DATE March 22, 2021

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON 2021 PCC RESIDENTIAL PAVING PROGRAM ; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS MPS ENGINEERS, P.C. DBA KINGSTON SERVICES, P.C., UMESH G. SHETYE, PRESIDENT, \$769,583.00

WHEREAS, on February 8, 2021, under Roll Call No. 21-0173, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

2021 PCC Residential Paving Program , 062021004

The improvements include street reconstruction with twenty-seven (27) feet wide back-to-back Portland Cement Concrete (PCC) six (6) inches thick and integral curb, subbase, subdrain, subgrade treatment, grading, pavement removal, PCC driveways and sidewalk, storm sewer, retaining walls, traffic control, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 626-068/133, located at: Beckwith Avenue from 5th Avenue to 6th Avenue; 62nd Street from Grand Avenue to Walnut Hill Drive; Lincoln Place Drive from Mahaska Drive to 400 feet west, and driveway replacement at Fire Station No. 6 at 1919 SE 6th Street in Des Moines, Iowa

WHEREAS, notice of the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost was published as required by law.

WHEREAS, in accordance with said notice, those interested in said proposed plans, specifications, form of contract documents, and Engineer's estimate of construction cost both for and against, have been given opportunity to be heard with respect thereto and have presented their views to the City Council.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the upon due consideration of the facts, and any and all statements of interested persons, any objections to the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement are overruled and the hearing is closed and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are here by approved.

BE IT FURTHER RESOLVED: That sealed bids for said improvement were submitted by the following bidders:

- MPS Engineers, P.C. dba Kingston Services, P.C., Des Moines, IA Low Bid
- Alliance Construction Group, LLC, Grimes, IA
- TK Concrete, Inc., Pella, IA
- Absolute Concrete Construction, Inc., Slater, IA
- Sternquist Construction Inc., Indianola, IA Bid not read



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which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on February 23, 2021. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by MPS Engineers, P.C. dba Kingston Services, P.C., Umesh G. Shetye, President, 1444 Illinois Street, Des Moines, IA, 50314 in the amount of \$769,583.00, and said bid be and the same is hereby accepted.

BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned in accordance with the Instructions to Bidders.

BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council for approval and authorization to the Mayor to sign; and that no contract shall be deemed to exist between the City of Des Moines and said Bidder until said contract has been executed by the Bidder, and shall have been approved by this Council and executed by the Mayor and attested to by the City Clerk.

BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project. **(Council Communication No. 21-121)**

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

sl/Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN

Funding Source: 2020-2021 CIP, Page Streets – 37, Roadway Rehabilitation – Residential, ST013, G.O. Bonds to be issued



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COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
WESTERGAARD				
GRAY				
BOESEN				
VOSS				
MANDELBAUM				
GATTO				
TOTAL				
MOTION CARRIED			APPROVED	

I, P. Kay Cmelik, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

Mayor

City Clerk

TABULATED BY: L.A. Vaughan APPROVED BY: R. DeBrook

BID DATE: 02/23/21

CHECKED BY: Joseph A. Early

CONTRACTOR'S BID TABULATION
PROJECT: 2021 PCC RESIDENTIAL PAVING PROGRAM

-----ESTIMATE-----

MPS Engineers, PC dba
Kingston Services, PC
Des Moines, IA

Alliance Construction
Group, LLC
Urbandale, IA

TK Concrete, Inc.
Pella, IA

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID PRICE

BID PRICE

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT		MPS Engineers, PC dba Kingston Services, PC		Alliance Construction Group, LLC		TK Concrete, Inc.	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	Clearing and Grubbing	1 LS	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00	\$13,000.00	\$13,000.00	\$7,500.00	\$7,500.00
2	Topsoil, Off-site	325 CY	\$35.00	\$11,375.00	\$36.00	\$11,700.00	\$50.00	\$16,250.00	\$50.00	\$16,250.00
3	Excavation, Class 10	1135 CY	\$30.00	\$34,050.00	\$25.00	\$28,375.00	\$15.00	\$17,025.00	\$25.00	\$28,375.00
4	Subgrade Preparation, 6"	4350 SY	\$6.00	\$26,100.00	\$5.00	\$21,750.00	\$4.00	\$17,400.00	\$3.50	\$15,225.00
5	Subgrade Treatment, Geogrid, Type 2	4350 SY	\$6.00	\$26,100.00	\$4.25	\$18,487.50	\$5.00	\$21,750.00	\$3.50	\$15,225.00
6	Subbase, Modified Subbase, 8"	3660 SY	\$25.00	\$91,500.00	\$14.00	\$51,240.00	\$14.00	\$51,240.00	\$15.00	\$54,900.00
7	Subbase, Class A Crushed Stone, 8"	870 SY	\$20.00	\$17,400.00	\$14.00	\$12,180.00	\$14.00	\$12,180.00	\$15.00	\$13,050.00
8	Subbase, Modified Subbase, Extra Depth	200 TON	\$40.00	\$8,000.00	\$20.00	\$4,000.00	\$38.00	\$7,600.00	\$40.00	\$8,000.00
9	Subbase, Class A Crushed Stone, Extra Depth	30 TON	\$40.00	\$1,200.00	\$20.00	\$600.00	\$38.00	\$1,140.00	\$40.00	\$1,200.00
10	Subbase, 3" Clean, Extra Depth	230 TON	\$50.00	\$11,500.00	\$20.00	\$4,600.00	\$45.00	\$10,350.00	\$55.00	\$12,650.00
11	Removal as per Plan	1 LS	\$8,000.00	\$8,000.00	\$4,200.00	\$4,200.00	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00
12	Storm Sewer, Trenched, RCP, 15"	178 LF	\$120.00	\$21,360.00	\$112.00	\$19,936.00	\$70.00	\$12,460.00	\$85.00	\$15,130.00
13	Storm Sewer, Trenched, RCP, 18"	24 LF	\$130.00	\$3,120.00	\$124.00	\$2,976.00	\$90.00	\$2,160.00	\$112.50	\$2,700.00
14	Removal of Storm Sewer, Less Than 30" Diameter	30 LF	\$50.00	\$1,500.00	\$42.00	\$1,260.00	\$17.00	\$510.00	\$23.00	\$690.00
15	Subdrain, 6"	2091 LF	\$25.00	\$52,275.00	\$19.50	\$40,774.50	\$19.00	\$39,729.00	\$24.00	\$50,184.00
16	Subdrain Cleanout, Type A-1, 6"	4 EA	\$500.00	\$2,000.00	\$400.00	\$1,600.00	\$640.00	\$2,560.00	\$650.00	\$2,600.00
17	Subdrain Outlets and Connections, CMP, 6"	10 EA	\$500.00	\$5,000.00	\$400.00	\$4,000.00	\$250.00	\$2,500.00	\$400.00	\$4,000.00
18	New Stop Box Housing	1 EA	\$500.00	\$500.00	\$400.00	\$400.00	\$250.00	\$250.00	\$400.00	\$400.00
19	New Stop Box Rod	1 EA	\$300.00	\$300.00	\$400.00	\$400.00	\$215.00	\$215.00	\$400.00	\$400.00
20	Manhole, SW-402, 40" X 40"	1 EA	\$5,500.00	\$5,500.00	\$5,250.00	\$5,250.00	\$12,000.00	\$12,000.00	\$12,500.00	\$12,500.00
21	Intake, SW-501	2 EA	\$5,000.00	\$10,000.00	\$4,200.00	\$8,400.00	\$4,300.00	\$8,600.00	\$4,500.00	\$9,000.00
22	Intake, SW-505	2 EA	\$7,500.00	\$15,000.00	\$6,200.00	\$12,400.00	\$7,600.00	\$15,200.00	\$7,750.00	\$15,500.00
23	Intake, SW-507	1 EA	\$6,000.00	\$6,000.00	\$7,000.00	\$7,000.00	\$12,000.00	\$12,000.00	\$12,500.00	\$12,500.00
24	Intake, SW-509	1 EA	\$11,500.00	\$11,500.00	\$10,200.00	\$10,200.00	\$9,400.00	\$9,400.00	\$10,000.00	\$10,000.00
26	Manhole Adjustment, Minor	6 EA	\$1,000.00	\$6,000.00	\$800.00	\$4,800.00	\$2,000.00	\$12,000.00	\$1,000.00	\$6,000.00
27	Intake Adjustment, Major	1 EA	\$1,000.00	\$1,000.00	\$1,800.00	\$1,800.00	\$4,700.00	\$4,700.00	\$2,500.00	\$2,500.00
28	Remove Intake or Manhole	4 EA	\$750.00	\$3,000.00	\$800.00	\$3,200.00	\$650.00	\$2,600.00	\$1,000.00	\$4,000.00
29	Pavement, PCC, 6"	2374 SY	\$75.00	\$178,050.00	\$56.00	\$132,944.00	\$79.00	\$187,546.00	\$55.00	\$130,570.00
30	Pavement, PCC, 6" Doweled	1400 SY	\$80.00	\$112,000.00	\$64.00	\$89,600.00	\$81.00	\$113,400.00	\$60.00	\$84,000.00
31	Removal of Sidewalk or Shared Use Path	356 SY	\$20.00	\$7,120.00	\$14.00	\$4,984.00	\$10.00	\$3,560.00	\$15.00	\$5,340.00
32	Removal of Driveway	582 SY	\$20.00	\$11,640.00	\$12.00	\$6,984.00	\$10.00	\$5,820.00	\$15.00	\$8,730.00
33	Shared Use Path, PCC, 6"	231 SY	\$75.00	\$17,325.00	\$64.00	\$14,784.00	\$60.00	\$13,860.00	\$65.00	\$15,015.00
34	Special Subgrade Preparation for Shared Use Path	323 SY	\$10.00	\$3,230.00	\$8.00	\$2,584.00	\$8.00	\$2,584.00	\$10.00	\$3,230.00
35	Sidewalk, PCC, 4"	132 SY	\$60.00	\$7,920.00	\$62.00	\$8,184.00	\$85.00	\$11,220.00	\$65.00	\$8,580.00
36	Sidewalk, PCC, 6"	34 SY	\$95.00	\$3,230.00	\$98.00	\$3,332.00	\$105.00	\$3,570.00	\$95.00	\$3,230.00
37	Detectable Warning, Cast Iron	101 SF	\$50.00	\$5,050.00	\$42.00	\$4,242.00	\$55.00	\$5,555.00	\$50.00	\$5,050.00
38	Driveway, Paved, PCC, 6"	590 SY	\$95.00	\$56,050.00	\$72.00	\$42,480.00	\$83.00	\$48,970.00	\$65.00	\$38,350.00
39	Driveway, Granular	30 TON	\$45.00	\$1,350.00	\$36.00	\$1,080.00	\$40.00	\$1,200.00	\$50.00	\$1,500.00
40	Driveway, Granular, HMA Millings	6 TON	\$60.00	\$360.00	\$42.00	\$252.00	\$100.00	\$600.00	\$85.00	\$510.00
41	Pavement Removal	2088 SY	\$15.00	\$31,320.00	\$12.50	\$26,100.00	\$15.00	\$31,320.00	\$15.00	\$31,320.00
42	Pavement Removal, PCC	168 SY	\$15.00	\$2,520.00	\$12.50	\$2,100.00	\$15.00	\$2,520.00	\$15.00	\$2,520.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
43	Pavement Removal, Seal Coat	1600 SY	\$5.00	\$8,000.00	\$5.00	\$8,000.00	\$12.00	\$19,200.00	\$6.25	\$10,000.00
44	Temporary Traffic Control	1 LS	\$15,000.00	\$15,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$14,300.00	\$14,300.00
45	Flaggers, Certified	6 DAY	\$500.00	\$3,000.00	\$250.00	\$1,500.00	\$1,000.00	\$6,000.00	\$750.00	\$4,500.00
46	Traffic Signs	4 SF	\$100.00	\$400.00	\$45.00	\$180.00	\$45.00	\$180.00	\$385.00	\$1,540.00
47	Sign Posts	1 EA	\$250.00	\$250.00	\$225.00	\$225.00	\$225.00	\$225.00	\$250.00	\$250.00
48	Remove and Reinstall Existing Sign and Post	3 EA	\$400.00	\$1,200.00	\$375.00	\$1,125.00	\$375.00	\$1,125.00	\$525.00	\$1,575.00
49	Hydraulic Seeding, Seeding, Fertilizing, and Mulching	0.85 AC	\$10,000.00	\$8,500.00	\$7,500.00	\$6,375.00	\$5,000.00	\$4,250.00	\$9,500.00	\$8,075.00
50	Filter Sock, 9"	2220 LF	\$3.00	\$6,660.00	\$1.45	\$3,219.00	\$1.50	\$3,330.00	\$2.75	\$6,105.00
51	Filter Socks, Removal	2220 LF	\$1.00	\$2,220.00	\$0.05	\$111.00	\$0.50	\$1,110.00	\$0.75	\$1,665.00
52	Inlet Protection Device	5 EA	\$250.00	\$1,250.00	\$195.00	\$975.00	\$200.00	\$1,000.00	\$135.00	\$675.00
53	Modular Block Retaining Wall	600 SF	\$40.00	\$24,000.00	\$32.00	\$19,200.00	\$30.00	\$18,000.00	\$38.25	\$22,950.00
54	Landscape Timbers	25 SF	\$40.00	\$1,000.00	\$42.00	\$1,050.00	\$30.00	\$750.00	\$55.00	\$1,375.00
55	Concrete Steps, Type B	6 SF	\$200.00	\$1,200.00	\$164.00	\$984.00	\$400.00	\$2,400.00	\$335.00	\$2,010.00
56	Mobilization	1 LS	\$90,660.00	\$90,660.00	\$78,000.00	\$78,000.00	\$40,000.00	\$40,000.00	\$131,500.00	\$131,500.00
57	Maintenance of Postal Service	1 LS	\$1,500.00	\$1,500.00	\$1,200.00	\$1,200.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00
58	Maintenance of Solid Waste Collection	1 LS	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00
59	Temporary Granular Sidewalk	195 SY	\$12.00	\$2,340.00	\$8.00	\$1,560.00	\$35.00	\$6,825.00	\$17.00	\$3,315.00
60	Concrete Washout	1 LS	\$1,500.00	\$1,500.00	\$2,250.00	\$2,250.00	\$2,200.00	\$2,200.00	\$1,500.00	\$1,500.00
61	Tree Protection Fence, 4'	475 LF	\$5.00	\$2,375.00	\$2.00	\$950.00	\$3.00	\$1,425.00	\$6.00	\$2,850.00
TOTAL CONSTRUCTION COST				\$1,000,000.00		\$769,583.00		\$868,064.00		\$890,609.00
PERCENT OF ENGINEER'S ESTIMATE						-23.04%		-13.19%		-10.94%
						Low				

TABULATED BY: L.A. Vaughan APPROVED BY _____

CHECKED BY: _____

CONTRACTOR'S BID TABULATION
PROJECT: 2021 PCC RESIDENTIAL PAVING PROGRAM

-----ESTIMATE-----

Absolute Concrete
Construction, Inc.
Slater, IA

Sternquist
Construction, Inc.

BID SECURITY
10% Bid Bond

BID SECURITY
10% Bid Bond

BID PRICE

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	UNIT		UNIT	
						PRICE	AMOUNT	PRICE	AMOUNT
1	Clearing and Grubbing	1	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00		
2	Topsoil, Off-site	325	CY	\$35.00	\$11,375.00	\$50.00	\$16,250.00		
3	Excavation, Class 10	1135	CY	\$30.00	\$34,050.00	\$15.00	\$17,025.00		
4	Subgrade Preparation, 6"	4350	SY	\$6.00	\$26,100.00	\$4.00	\$17,400.00		
5	Subgrade Treatment, Geogrid, Type 2	4350	SY	\$6.00	\$26,100.00	\$5.00	\$21,750.00		
6	Subbase, Modified Subbase, 8"	3660	SY	\$25.00	\$91,500.00	\$14.00	\$51,240.00		
7	Subbase, Class A Crushed Stone, 8"	870	SY	\$20.00	\$17,400.00	\$14.00	\$12,180.00		
8	Subbase, Modified Subbase, Extra Depth	200	TON	\$40.00	\$8,000.00	\$38.00	\$7,600.00		
9	Subbase, Class A Crushed Stone, Extra Depth	30	TON	\$40.00	\$1,200.00	\$38.00	\$1,140.00		
10	Subbase, 3" Clean, Extra Depth	230	TON	\$50.00	\$11,500.00	\$45.00	\$10,350.00		
11	Removal as per Plan	1	LS	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00		
12	Storm Sewer, Trenched, RCP, 15"	178	LF	\$120.00	\$21,360.00	\$70.00	\$12,460.00		
13	Storm Sewer, Trenched, RCP, 18"	24	LF	\$130.00	\$3,120.00	\$90.00	\$2,160.00		
14	Removal of Storm Sewer, Less Than 30" Diameter	30	LF	\$50.00	\$1,500.00	\$17.00	\$510.00		
15	Subdrain, 6"	2091	LF	\$25.00	\$52,275.00	\$19.00	\$39,729.00		
16	Subdrain Cleanout, Type A-1, 6"	4	EA	\$500.00	\$2,000.00	\$640.00	\$2,560.00		
17	Subdrain Outlets and Connections, CMP, 6"	10	EA	\$500.00	\$5,000.00	\$250.00	\$2,500.00		
18	New Stop Box Housing	1	EA	\$500.00	\$500.00	\$250.00	\$250.00		
19	New Stop Box Rod	1	EA	\$300.00	\$300.00	\$215.00	\$215.00		
20	Manhole, SW-402, 40" X 40"	1	EA	\$5,500.00	\$5,500.00	\$12,000.00	\$12,000.00		
21	Intake, SW-501	2	EA	\$5,000.00	\$10,000.00	\$4,250.00	\$8,500.00		
22	Intake, SW-505	2	EA	\$7,500.00	\$15,000.00	\$7,600.00	\$15,200.00		
23	Intake, SW-507	1	EA	\$6,000.00	\$6,000.00	\$12,000.00	\$12,000.00		
24	Intake, SW-509	1	EA	\$11,500.00	\$11,500.00	\$9,400.00	\$9,400.00		
26	Manhole Adjustment, Minor	6	EA	\$1,000.00	\$6,000.00	\$1,900.00	\$11,400.00		
27	Intake Adjustment, Major	1	EA	\$1,000.00	\$1,000.00	\$4,700.00	\$4,700.00		
28	Remove Intake or Manhole	4	EA	\$750.00	\$3,000.00	\$610.00	\$2,440.00		
29	Pavement, PCC, 6"	2374	SY	\$75.00	\$178,050.00	\$85.00	\$201,790.00		
30	Pavement, PCC, 6" Doweled	1400	SY	\$80.00	\$112,000.00	\$95.00	\$133,000.00		
31	Removal of Sidewalk or Shared Use Path	356	SY	\$20.00	\$7,120.00	\$10.00	\$3,560.00		
32	Removal of Driveway	582	SY	\$20.00	\$11,640.00	\$10.00	\$5,820.00		
33	Shared Use Path, PCC, 6"	231	SY	\$75.00	\$17,325.00	\$65.00	\$15,015.00		
34	Special Subgrade Preparation for Shared Use Path	323	SY	\$10.00	\$3,230.00	\$8.00	\$2,584.00		
35	Sidewalk, PCC, 4"	132	SY	\$60.00	\$7,920.00	\$50.00	\$6,600.00		
36	Sidewalk, PCC, 6"	34	SY	\$95.00	\$3,230.00	\$60.00	\$2,040.00		
37	Detectable Warning, Cast Iron	101	SF	\$50.00	\$5,050.00	\$50.00	\$5,050.00		
38	Driveway, Paved, PCC, 6"	590	SY	\$95.00	\$56,050.00	\$70.00	\$41,300.00		
39	Driveway, Granular	30	TON	\$45.00	\$1,350.00	\$40.00	\$1,200.00		
40	Driveway, Granular, HMA Millings	6	TON	\$60.00	\$360.00	\$100.00	\$600.00		
41	Pavement Removal	2088	SY	\$15.00	\$31,320.00	\$15.00	\$31,320.00		
42	Pavement Removal, PCC	168	SY	\$15.00	\$2,520.00	\$15.00	\$2,520.00		

Bid not read - City Proposal form not completed except total construction cost; included alternate proposal forms with bid.

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	AMOUNT
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	
43	Pavement Removal, Seal Coat	1600 SY	\$5.00	\$8,000.00	\$12.00	\$19,200.00		
44	Temporary Traffic Control	1 LS	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00		
45	Flaggers, Certified	6 DAY	\$500.00	\$3,000.00	\$750.00	\$4,500.00		
46	Traffic Signs	4 SF	\$100.00	\$400.00	\$45.00	\$180.00		
47	Sign Posts	1 EA	\$250.00	\$250.00	\$225.00	\$225.00		
48	Remove and Reinstall Existing Sign and Post	3 EA	\$400.00	\$1,200.00	\$375.00	\$1,125.00		
49	Hydraulic Seeding, Seeding, Fertilizing, and Mulching	0.85 AC	\$10,000.00	\$8,500.00	\$6,000.00	\$5,100.00		
50	Filter Sock, 9"	2220 LF	\$3.00	\$6,660.00	\$1.75	\$3,885.00		
51	Filter Socks, Removal	2220 LF	\$1.00	\$2,220.00	\$0.25	\$555.00		
52	Inlet Protection Device	5 EA	\$250.00	\$1,250.00	\$175.00	\$875.00		
53	Modular Block Retaining Wall	600 SF	\$40.00	\$24,000.00	\$37.50	\$22,500.00		
54	Landscape Timbers	25 SF	\$40.00	\$1,000.00	\$75.00	\$1,875.00		
55	Concrete Steps, Type B	6 SF	\$200.00	\$1,200.00	\$125.00	\$750.00		
56	Mobilization	1 LS	\$90,660.00	\$90,660.00	\$100,000.00	\$100,000.00		
57	Maintenance of Postal Service	1 LS	\$1,500.00	\$1,500.00	\$14,996.00	\$14,996.00		
58	Maintenance of Solid Waste Collection	1 LS	\$2,500.00	\$2,500.00	\$14,995.00	\$14,995.00		
59	Temporary Granular Sidewalk	195 SY	\$12.00	\$2,340.00	\$35.00	\$6,825.00		
60	Concrete Washout	1 LS	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00		
61	Tree Protection Fence, 4'	475 LF	\$5.00	\$2,375.00	\$3.00	\$1,425.00		
TOTAL CONSTRUCTION COST				\$1,000,000.00		\$981,369.00		
PERCENT OF ENGINEER'S ESTIMATE						-1.86%		