

Memorandum Public Works Department



To: City Manager
Subject: LTCP - Combined Sewer Overflow 006 Basin Separation, CRI Project 2742
Date: May 16, 2017
Number: 2017-059

The Engineering Division opened bids for the above referenced project on Tuesday, May 16, 2017. A copy of the bid summary is attached.

The invitation for bid was advertised in the Rock Island Argus and Peoria Star Journal on March 28th and 29th, 2017. It was also posted on the City website. The following contractors were contacted:

Langman Construction, Inc.	Valley Construction, Inc.
Centennial Construction, Inc.	McCarthy Improvement, Co.
Brandt Construction, Co.	Laud Construction

The low bid is from Langman Construction, Inc. of Rock Island, Illinois in the amount of \$2,731,397.17.

This project to be funded by the Illinois Environmental Protection Agency revolving fund program and as such, the contract cannot be awarded until they have given their approval. The IEPA allows for a contingency of 3% for change orders on projects funded through this program. Therefore, a change order contingency of \$81,941.92 is added on to the contractor's bid amount. The result of the bidding (plus contingency for the estimated final construction amount) is as follows:

Contractor's base bid:	\$2,731,397.17
Change Order Contingency:	+ \$81,941.92
Total:	\$2,813,339.09

The total bid and contingency was in the amount of \$2,813,339.09 which is \$113,339.09 more than the engineer's estimate of \$2,700,000.00.

Recommendation

It is recommended that the City Council approve the attached Notice of Intent to Award to Langman Construction, Inc. of Rock Island, Illinois in the amount of \$2,731,397.17.

Vendor: Langman Construction, Inc., Rock Island, Illinois

Estimated Final Contract Amount: \$2,813,339.09

Accounts Chargeable:

Fund:	506	Wastewater Operation & Maintenance
Division:	619	Utilities Maintenance
Cost Center:	346	Wastewater Collection Maintenance
Object Class:	56311	Wastewater System Improvements
Project:	2742	Combined Sewer Overflow 006 Separation
Grant:	000	

Submitted by: Larry Cook, Interim Public Works Director
Michael J. Kane, P.E., City Engineer

Approved by: Randall D. Tweet, Interim City Manager

NOTICE OF INTENT TO AWARD

To: **Langman Construction, Inc.**
220 34th Avenue
Rock Island, Illinois 61201

Project Description: **Combined Sewer Overflow 006 Basin Separation**
City of Rock Island Job No. 2742

The OWNER has considered the BID submitted by you for the above described WORK, in response to its Advertisement for Bids, dated March 28, 2017, and Information for Bidders.

You are hereby notified that your BID will be accepted, contingent upon Illinois Environmental Protection Agency (IEPA) approval, for items in the amount of \$2,731,397.17.

You will be required by the Information for Bidders to execute the Agreement and furnish the required CONTRACTOR'S Performance BOND, Payment BOND and certificates of insurance within ten (10) calendar days from the date of the final Notice to be sent upon IEPA approval, to you.

Dated this ____ day of May, 2017.

City of Rock Island
OWNER

By: _____

Title: _____ Interim City Manager _____

BID OPENING SUMMARY

Project City of Rock Island Separation of Outfall 006 Basin-Job No. 2742
Date of Bid Opening Tuesday May 16, 2017
Time 10:00 AM
Number of Addenda Issued 1
Number of Bidders 3
Range of Bidders \$2,731,397.17 Low
 \$3,770,328.50 High

1	Bidder	Langman Construction, Inc.	McCarthy Improvement Company	Valley Construction Co.
2	Total Bid Amount	\$ 2,731,397.17	\$ 3,326,896.80	\$ 3,770,328.50
3	Was the Bid submitted on the bid form provided in Addendum No. 1 and submitted intact?	yes	yes	yes
4	Addendum No. 1 properly acknowledged?	yes	yes	yes
5	All unit prices and total amounts are filled out on Schedule of Price table?	yes	yes	yes
6	Bid security provided? Correct Amount?	yes	yes	yes
7	Is the bid signed & notarized?	yes	yes	yes
8	Are the bid form certifications filled out?	yes	yes	yes
9	DBE Subcontractor Participation forms and certifications submitted (per Section 00830)?	yes	yes	yes
10	Additional Comments	PP pipe selected	PP pipe selected	PVC pipe selected

SCHEDULE OF PRICES

Item No.	Description	Quantity	Unit	Langman Construction, Inc.			McCarthy Improvement Compnay			Valley Construction Company		
				Unit Price	Total Amount	Material	Unit Price	Total Amount	Material	Unit Price	Total Amount	Material
1	PROJECT MOBILIZATION	1	LS	-	\$ 175,000.00		-	\$ 298,100.00		-	\$ 540,000.00	
2	PROJECT IDENTIFICATION SIGN	4	EA	\$ 400.00	\$ 1,600.00		\$ 400.00	\$ 1,600.00		\$ 400.00	\$ 1,600.00	
3	5TH AVENUE TRAFFIC CONTROL - PHASE 1	1	LS	-	\$ 23,840.00		-	\$ 23,840.00		-	\$ 25,000.00	
4	5TH AVENUE TRAFFIC CONTROL - PHASE 2	1	LS	-	\$ 13,900.00		-	\$ 13,900.00		-	\$ 15,000.00	
5	OTHER TRAFFIC CONTROL	1	LS	-	\$ 12,000.00		-	\$ 12,000.00		-	\$ 14,000.00	
6	INLET AND PIPE PROTECTION	65	EA	\$ 80.00	\$ 5,200.00		\$ 150.00	\$ 9,750.00		\$ 165.00	\$ 10,725.00	
7	FOUNDATION MATERIAL	1306	CY	\$ 10.00	\$ 13,060.00		\$ 45.00	\$ 58,770.00		\$ 35.00	\$ 45,710.00	
8	TRENCH BACKFILL	4365	CY	\$ 10.00	\$ 43,650.00		\$ 67.00	\$ 292,455.00		\$ 50.00	\$ 218,250.00	
9	TREE REMOVAL	2	EA	\$ 800.00	\$ 1,600.00		\$ 400.00	\$ 800.00		\$ 2,800.00	\$ 5,600.00	
10	ROADWAY PAVEMENT REMOVAL	10341	SY	\$ 10.00	\$ 103,410.00		\$ 17.00	\$ 175,797.00		\$ 11.00	\$ 113,751.00	
11	DRIVEWAY PAVEMENT REMOVAL	1143	SY	\$ 10.00	\$ 11,430.00		\$ 11.50	\$ 13,144.50		\$ 15.00	\$ 17,145.00	
12	SIDEWALK REMOVAL	2534	SY	\$ 10.00	\$ 25,340.00		\$ 9.00	\$ 22,806.00		\$ 2.00	\$ 5,068.00	
13	SEWER PIPE ABANDONMENT OR REMOVAL, 4" to 8"	1660	LF	\$ 0.01	\$ 16.60		\$ 12.00	\$ 19,920.00		\$ 30.00	\$ 49,800.00	
14	SEWER PIPE ABANDONMENT OR REMOVAL, 12"	377	LF	\$ 5.00	\$ 1,885.00		\$ 12.00	\$ 4,524.00		\$ 32.00	\$ 12,064.00	
15	SEWER PIPE ABANDONMENT OR REMOVAL, 36"	36	LF	\$ 20.00	\$ 720.00		\$ 27.00	\$ 972.00		\$ 55.00	\$ 1,980.00	
16	SEWER MANHOLE REMOVAL	5	EA	\$ 500.00	\$ 2,500.00		\$ 580.00	\$ 2,900.00		\$ 1,000.00	\$ 5,000.00	
17	CATCH BASIN REMOVAL	18	EA	\$ 500.00	\$ 9,000.00		\$ 870.00	\$ 15,660.00		\$ 1,300.00	\$ 23,400.00	
18	VALVE WITH BOX REMOVAL	12	EA	\$ 200.00	\$ 2,400.00		\$ 870.00	\$ 10,440.00		\$ 650.00	\$ 7,800.00	
19	FIRE HYDRANT REMOVAL	6	EA	\$ 500.00	\$ 3,000.00		\$ 1,150.00	\$ 6,900.00		\$ 550.00	\$ 3,300.00	
20	FABRIC FOR GROUND STABILIZATION	10969	SY	\$ 1.00	\$ 10,969.00		\$ 1.20	\$ 13,162.80		\$ 2.00	\$ 21,938.00	
21	GRANULAR SUBBASE, TYPE A	10969	SY	\$ 5.00	\$ 54,845.00		\$ 9.00	\$ 98,721.00		\$ 8.00	\$ 87,752.00	
22	ROCK REMOVAL	1507	CY	\$ 0.01	\$ 15.07		\$ 140.00	\$ 210,980.00		\$ 160.00	\$ 241,120.00	
23	FLOWABLE FILL	27	CY	\$ 150.00	\$ 4,050.00		\$ 205.00	\$ 5,535.00		\$ 260.00	\$ 7,020.00	
24	WATERMAIN PIPING, 4"	10	LF	\$ 115.00	\$ 1,150.00		\$ 210.00	\$ 2,100.00		\$ 88.00	\$ 880.00	
25	WATERMAIN PIPING, 6"	105	LF	\$ 115.00	\$ 12,075.00		\$ 155.00	\$ 16,275.00		\$ 95.00	\$ 9,975.00	
26	WATERMAIN PIPING, 8"	1978	LF	\$ 125.00	\$ 247,250.00		\$ 72.00	\$ 142,416.00		\$ 70.00	\$ 138,460.00	
27	CASING PIPE, 2" to 4"	264	LF	\$ 20.00	\$ 5,280.00		\$ 38.00	\$ 10,032.00		\$ 50.00	\$ 13,200.00	
28	CASING PIPE, 16" PVC	288	LF	\$ 50.00	\$ 14,400.00		\$ 75.00	\$ 21,600.00		\$ 90.00	\$ 25,920.00	
29	FIRE HYDRANT	6	EA	\$ 4,500.00	\$ 27,000.00		\$ 5,100.00	\$ 30,600.00		\$ 4,000.00	\$ 24,000.00	
30	VALVES AND VALVE BOXES, 8"	12	EA	\$ 1,500.00	\$ 18,000.00		\$ 1,950.00	\$ 23,400.00		\$ 1,700.00	\$ 20,400.00	
31	CURB STOP ADJUSTMENT	6	EA	\$ 50.00	\$ 300.00		\$ 295.00	\$ 1,770.00		\$ 600.00	\$ 3,600.00	
32	WATER SERVICE PIPING	424	LF	\$ 30.00	\$ 12,720.00		\$ 37.00	\$ 15,688.00		\$ 57.00	\$ 24,168.00	
33	WATER SERVICE RECONNECTION TO MAIN	18	EA	\$ 450.00	\$ 8,100.00		\$ 850.00	\$ 15,300.00		\$ 1,200.00	\$ 21,600.00	
34	SANITARY SEWER PIPING	1660	LF	\$ 78.00	\$ 129,480.00		\$ 70.00	\$ 116,200.00		\$ 120.00	\$ 199,200.00	
35	COMBINED SEWER PIPING, CIRCLE ONE 36" PVC OR 36" PP	40	LF	\$ 200.00	\$ 8,000.00	PP	\$ 340.00	\$ 13,600.00	PP	\$ 185.00	\$ 7,400.00	PVC
36	STORM SEWER PIPING, CIRCLE ONE 12" PVC OR 12" PP	643	LF	\$ 130.00	\$ 83,590.00	PP	\$ 63.00	\$ 40,509.00	PP	\$ 100.00	\$ 64,300.00	PVC
37	STORM SEWER PIPING, 12" RCP	75	LF	\$ 136.00	\$ 10,200.00		\$ 61.00	\$ 4,575.00		\$ 102.00	\$ 7,650.00	

SCHEDULE OF PRICES

Item No.	Description	Quantity	Unit	Langman Construction, Inc.			McCarthy Improvement Compnay			Valley Construction Company		
				Unit Price	Total Amount	Material	Unit Price	Total Amount	Material	Unit Price	Total Amount	Material
38	STORM SEWER PIPING, CIRCLE ONE 15" PVC OR 15" PP	127	LF	\$ 133.00	\$ 16,891.00	PP	\$ 70.00	\$ 8,890.00	PP	\$ 130.00	\$ 16,510.00	PVC
39	STORM SEWER PIPING, 18" RCP	28	LF	\$ 139.00	\$ 3,892.00		\$ 300.00	\$ 8,400.00		\$ 100.00	\$ 2,800.00	
40	STORM SEWER PIPING, CIRCLE ONE 18" PVC OR 18" PP	484	LF	\$ 135.00	\$ 65,340.00	PP	\$ 71.00	\$ 34,364.00	PP	\$ 110.00	\$ 53,240.00	PVC
41	STORM SEWER PIPING, CIRCLE ONE 24" PVC OR 24" PP	682	LF	\$ 142.00	\$ 96,844.00	PP	\$ 95.00	\$ 64,790.00	PP	\$ 125.00	\$ 85,250.00	PVC
42	STORM SEWER PIPING, CIRCLE ONE 42" PVC OR 42" PP	972	LF	\$ 209.00	\$ 203,148.00	PP	\$ 170.00	\$ 165,240.00	PP	\$ 180.00	\$ 174,960.00	PVC
43	STORM SEWER PIPING, CIRCLE ONE 48" PVC OR 48" PP	163	LF	\$ 225.00	\$ 36,675.00	PP	\$ 215.00	\$ 35,045.00	PP	\$ 225.00	\$ 36,675.00	PVC
44	STORM SEWER FITTING, 22.5 BEND, MATERIAL PER #43	1	EA	\$ 2,000.00	\$ 2,000.00		\$ 3,750.00	\$ 3,750.00		\$ 6,800.00	\$ 6,800.00	
45	STORM SEWER FITTING, 60 BEND, MATERIAL PER #43	1	EA	\$ 3,300.00	\$ 3,300.00		\$ 5,150.00	\$ 5,150.00		\$ 6,800.00	\$ 6,800.00	
46	STANDARD MANHOLE, 4'	12	EA	\$ 3,400.00	\$ 40,800.00		\$ 4,100.00	\$ 49,200.00		\$ 5,000.00	\$ 60,000.00	
47	STANDARD MANHOLE, 5'	7	EA	\$ 4,100.00	\$ 28,700.00		\$ 6,300.00	\$ 44,100.00		\$ 5,400.00	\$ 37,800.00	
48	SINGLE CATCH BASIN	9	EA	\$ 4,350.00	\$ 39,150.00		\$ 3,100.00	\$ 27,900.00		\$ 3,500.00	\$ 31,500.00	
49	DOUBLE CATCH BASIN	25	EA	\$ 5,850.00	\$ 146,250.00		\$ 4,900.00	\$ 122,500.00		\$ 4,700.00	\$ 117,500.00	
50	MANHOLE FRAME AND COVER	6	EA	\$ 450.00	\$ 2,700.00		\$ 450.00	\$ 2,700.00		\$ 360.00	\$ 2,160.00	
51	SEWER LATERAL ABANDONMENT AND RECONNECTION	44	EA	\$ 650.00	\$ 28,600.00		\$ 1,300.00	\$ 57,200.00		\$ 700.00	\$ 30,800.00	
52	PCC DRIVEWAY PAVEMENT, 6"	331	SY	\$ 62.00	\$ 20,522.00		\$ 55.50	\$ 18,370.50		\$ 60.00	\$ 19,860.00	
53	PCC DRIVEWAY PAVEMENT, 7"	703	SY	\$ 69.50	\$ 48,858.50		\$ 57.00	\$ 40,071.00		\$ 61.00	\$ 42,883.00	
54	PCC SIDEWALK PAVEMENT, 4"	2322	SY	\$ 50.00	\$ 116,100.00		\$ 51.00	\$ 118,422.00		\$ 56.00	\$ 130,032.00	
55	PCC SIDEWALK PAVEMENT, 6"	342	SY	\$ 210.00	\$ 71,820.00		\$ 54.00	\$ 18,468.00		\$ 60.00	\$ 20,520.00	
56	PCC ROADWAY PAVEMENT WITH INTERGRAL CURB, 6.0"	7595	SY	\$ 54.00	\$ 410,130.00		\$ 54.00	\$ 410,130.00		\$ 65.00	\$ 493,675.00	
57	PCC ROADWAY PAVEMENT WITH INTERGRAL CURB, 7.0"	1485	SY	\$ 56.50	\$ 83,902.50		\$ 56.50	\$ 83,902.50		\$ 95.00	\$ 141,075.00	
58	SODDING	5614	SY	\$ 6.00	\$ 33,684.00		\$ 8.50	\$ 47,719.00		\$ 10.00	\$ 56,140.00	
59	COMPOSITE PAVEMENT, 5TH AVENUE	1182	SY	\$ 92.00	\$ 108,744.00		\$ 130.00	\$ 153,660.00		\$ 120.00	\$ 141,840.00	
60	PCC CURB AND GUTTER, 5TH AVENUE	99	LF	\$ 58.00	\$ 5,742.00		\$ 46.00	\$ 4,554.00		\$ 60.00	\$ 5,940.00	
61	PCC CONCRETE MEDIAN	404	SF	\$ 10.00	\$ 4,040.00		\$ 10.00	\$ 4,040.00		\$ 11.00	\$ 4,444.00	
62	PERMANENT PAVEMENT MARKING LINE, 4" CONTINUOUS	20	LF	\$ 1.00	\$ 20.00		\$ 1.00	\$ 20.00		\$ 1.00	\$ 20.00	
63	PERMANENT PAVEMENT MARKING LINE, 4" DASHED	629	LF	\$ 1.00	\$ 629.00		\$ 1.00	\$ 629.00		\$ 1.00	\$ 629.00	
64	PERMANENT PAVEMENT MARKING LINE, 6" CONTINUOUS	583	LF	\$ 1.50	\$ 874.50		\$ 1.50	\$ 874.50		\$ 1.50	\$ 874.50	
65	PERMANENT PAVEMENT MARKING, 18" CONTINUOUS	22	LF	\$ 4.50	\$ 99.00		\$ 4.50	\$ 99.00		\$ 4.50	\$ 99.00	

SCHEDULE OF PRICES

Item No.	Description	Quantity	Unit	Langman Construction, Inc.			McCarthy Improvement Compnay			Valley Construction Company		
				Unit Price	Total Amount	Material	Unit Price	Total Amount	Material	Unit Price	Total Amount	Material
66	PERMANENT PAVEMENT MARKING, 24" CONTINUOUS	22	LF	\$ 6.00	\$ 132.00		\$ 6.00	\$ 132.00		\$ 6.00	\$ 132.00	
67	PERMANENT PAVEMENT MARKING, CURB YELLOW	716	LF	\$ 1.00	\$ 716.00		\$ 1.00	\$ 716.00		\$ 1.00	\$ 716.00	
68	PERMANENT PAVEMENT MARKING, CURB BLUE	76	LF	\$ 3.00	\$ 228.00		\$ 3.00	\$ 228.00		\$ 3.00	\$ 228.00	
69	SIGN POST	32	EA	\$ 150.00	\$ 4,800.00		\$ 150.00	\$ 4,800.00		165	\$ 5,280.00	
70	RELOCATED SIGN PANEL	16	EA	\$ 150.00	\$ 2,400.00		\$ 150.00	\$ 2,400.00		165	\$ 2,640.00	
71	STOP SIGN PANEL (R1-1)	7	EA	\$ 100.00	\$ 700.00		\$ 100.00	\$ 700.00		100	\$ 700.00	
72	4 WAY SIGN PANEL (R1-3)	4	EA	\$ 40.00	\$ 160.00		\$ 40.00	\$ 160.00		40	\$ 160.00	
73	ONE WAY SIGN PANEL (R6-2R)	1	EA	\$ 90.00	\$ 90.00		\$ 90.00	\$ 90.00		95	\$ 95.00	
74	NO PARKING (R7-1AD)	7	EA	\$ 75.00	\$ 525.00		\$ 75.00	\$ 525.00		\$ 80.00	\$ 560.00	
75	HANDICAPPED RESERVED PARKING (R7-8L)	1	EA	\$ 75.00	\$ 75.00		\$ 75.00	\$ 75.00		\$ 80.00	\$ 80.00	
76	PEDESTRIAN CROSSING (W11A-2)	1	EA	\$ 90.00	\$ 90.00		\$ 90.00	\$ 90.00		\$ 85.00	\$ 85.00	
77	\$350 SIGN (SPECIAL)	1	EA	\$ 50.00	\$ 50.00		\$ 50.00	\$ 50.00		\$ 50.00	\$ 50.00	
78	CLOSURE OF EXISTING OVERFLOW	1	EA	\$ 5,000.00	\$ 5,000.00		\$20,000.00	\$ 20,000.00		\$ 5,000.00	\$ 5,000.00	
TOTAL BID					\$ 2,731,397.17			\$ 3,326,896.80			\$ 3,770,328.50	