

**Memorandum
Public Works Department**



To: City Manager
Subject: 7th Avenue Resurfacing: 30th Street to 38th Street, Project 2683
Date: July 23, 2014
Number: 2014-155

The Engineering Division opened bids for the above referenced project on Tuesday, July 15, 2014. A copy of the bid tabulation is attached.

The invitation to bid was advertised in the Rock Island Argus on July 1 and July 2, 2014 and was also posted on the City website. The following contractors were contacted:

Langman Construction	Brandt Construction
Laud Construction	Valley Construction

The low bid is from Langman Construction in the amount of \$553,852.79, which is 3% lower than the engineer's estimate of \$570,369.45.

Recommendation

It is recommended that the City Council award the bid to Langman Construction in the amount of \$553,852.79.

Vendor: Langman Construction
Contract Amount: \$553,852.79

Accounts Chargeable:

Fund:	501	Water Operation & Maintenance	(\$163,505.00)
Division:	619	Utilities Maintenance	
Cost Center:	356	Water Distribution Maintenance	
Object Class:	56310	Water System Improvements	
Project:	2683	7 th Avenue Resurfacing: 30 th Street to 38 th Street	

Fund:	301	Capital Improvements	(\$120,347.79)
Division:	616	Municipal Services	
Cost Center:	311	Street Construction	
Object Class:	53806	Infrastructure Maintenance	
Project:	2683	7 th Avenue Resurfacing: 30 th Street to 38 th Street	

Fund:	301	Capital Improvements	(\$270,000.00)
Division:	616	Municipal Services	
Cost Center:	311	Street Construction	
Object Class:	53806	Infrastructure Maintenance	
Project:	2683	7 th Avenue Resurfacing: 30 th Street to 38 th Street	
Grant:	223	Gaming	

Requisition Number: R004762

Submitted by: Randall D. Tweet, Public Works Director
Michael J. Kane, P.E., City Engineer

Approved by: Thomas Thomas, City Manager

CITY OF ROCK ISLAND
Public Works Department - Engineering Division
Bid Tabulation Sheet
7th Avenue Resurfacing, 30th to 38th Streets
City Job No. 2683
Bid Date: July 15, 2014, 9:00 AM

Engineer's Estimate		Langman Construction, Inc.		Walter D. Laud, Inc.		Brandt Constructon Co.		Valley Construction	
		220 34th Ave Rock Island, IL 61201		P.O. Box 88 East Moline, IL 61244		700 4th St. W. Milan, IL 61264		3610 78th Ave. W. Rock Island, IL 61201	

Item No.	Item Description	Plan Quantity	Units	Unit Price		Amount		Unit Price		Amount		Unit Price		Amount	
				Price	Amount	Price	Amount	Price	Amount	Price	Amount	Price	Amount		
Resurfacing															
1	Earth Excavation	18.4	CY	\$5.00	\$92.00	\$5.00	\$92.00	\$25.00	\$460.00	\$50.00	\$920.00	\$99.00	\$1,821.60		
2	Sidewalk Removal	2534.0	SF	\$1.50	\$3,801.00	\$2.00	\$5,068.00	\$1.50	\$3,801.00	\$3.50	\$8,869.00	\$2.00	\$5,068.00		
3	Pavement Removal	100.3	SY	\$15.00	\$1,504.50	\$29.00	\$2,908.70	\$10.00	\$1,003.00	\$45.00	\$4,513.50	\$47.00	\$4,714.10		
4	Geotechnical Fabric For Ground Stabilization	100.3	SY	\$1.50	\$150.45	\$2.00	\$200.60	\$2.00	\$200.60	\$3.00	\$300.90	\$3.40	\$341.02		
5	Aggregate Base Course, Type A	37.0	Ton	\$20.00	\$740.00	\$29.00	\$1,073.00	\$60.00	\$2,220.00	\$52.50	\$1,942.50	\$54.00	\$1,998.00		
6	Aggregate Base Course, Type B	8.0	Ton	\$20.00	\$160.00	\$35.00	\$280.00	\$20.00	\$160.00	\$62.50	\$500.00	\$60.00	\$480.00		
7	Project Signs	2.0	Each	\$350.00	\$700.00	\$250.00	\$500.00	\$300.00	\$600.00	\$400.00	\$800.00	\$400.00	\$800.00		
8	Traffic Control and Protection	1.0	LS	\$15,000.00	\$15,000.00	\$1,200.00	\$1,200.00	\$8,000.00	\$8,000.00	\$35,000.00	\$35,000.00	\$59,900.00	\$59,900.00		
9	Inlet And Pipe Protection	25.0	Each	\$70.00	\$1,750.00	\$150.00	\$3,750.00	\$150.00	\$3,750.00	\$170.00	\$4,250.00	\$150.00	\$3,750.00		
10	Horizontal Saw Cut	217.0	LF	\$7.50	\$1,627.50	\$15.00	\$3,255.00	\$15.00	\$3,255.00	\$38.00	\$8,246.00	\$21.00	\$4,557.00		
11	Portland Cement Concrete Pedestrian Curb Ramp, 6"	2097.0	SF	\$12.50	\$26,212.50	\$23.50	\$49,279.50	\$20.00	\$41,940.00	\$16.75	\$35,124.75	\$22.00	\$46,134.00		
12	Portland Cement Concrete Sidewalk, 4"	470.0	SF	\$6.50	\$3,055.00	\$9.50	\$4,465.00	\$9.00	\$4,230.00	\$9.00	\$4,230.00	\$13.00	\$6,110.00		
13	Portland Cement Concrete Base Course (Jointed), 7" (With Integral Curb)	49.0	SY	\$90.00	\$4,410.00	\$150.00	\$7,350.00	\$137.00	\$6,713.00	\$110.00	\$5,390.00	\$140.00	\$6,860.00		
14	Portland Cement Concrete Pavement (Jointed), 7" (With Integral Curb)	48.5	SY	\$80.00	\$3,880.00	\$175.00	\$8,487.50	\$137.00	\$6,644.50	\$110.00	\$5,335.00	\$159.00	\$7,711.50		
15	Hot-Mix Asphalt Surface Removal, 2 1/2"	10991.0	SY	\$4.50	\$49,459.50	\$3.00	\$32,973.00	\$4.50	\$49,459.50	\$3.50	\$38,468.50	\$8.27	\$90,895.57		
16	Mixture For Cracks, Joints, And Flangeways	16.0	Ton	\$100.00	\$1,600.00	\$150.00	\$2,400.00	\$250.00	\$4,000.00	\$400.00	\$6,400.00	\$520.00	\$8,320.00		
17	Area Reflective Crack Control Treatment	10991.0	SY	\$7.00	\$76,937.00	\$2.15	\$23,630.65	\$2.45	\$26,927.95	\$2.65	\$29,126.15	\$2.70	\$29,675.70		
18	Bituminous Materials (Prime Coat)	1101.0	gal.	\$8.00	\$8,808.00	\$4.00	\$4,404.00	\$3.00	\$3,303.00	\$4.25	\$4,679.25	\$6.80	\$7,486.80		
19	Hot-Mix Asphalt Binder Course, IL-9.5, N50, 1-1/2"	949.0	Ton	\$100.00	\$94,900.00	\$81.00	\$76,869.00	\$90.00	\$85,410.00	\$110.00	\$104,390.00	\$124.00	\$117,676.00		
20	Hot-Mix Asphalt Surface Course, IL-9.5, N50, 1"	633.0	Ton	\$100.00	\$63,300.00	\$83.00	\$52,539.00	\$96.00	\$60,768.00	\$110.00	\$69,630.00	\$124.00	\$78,492.00		
21	Sodding	72.2	SY	\$9.50	\$685.90	\$12.00	\$866.40	\$35.00	\$2,527.00	\$13.50	\$974.70	\$20.00	\$1,444.00		
22	Thermoplastic Pavement Marking-Line, Yellow, 4"	4016.0	LF	\$1.75	\$7,028.00	\$0.99	\$3,975.84	\$1.10	\$4,417.60	\$1.85	\$7,429.60	\$0.99	\$3,975.84		
23	Thermoplastic Pavement Marking-Line, White, 6"	283.0	LF	\$2.00	\$566.00	\$2.25	\$636.75	\$2.50	\$707.50	\$2.80	\$792.40	\$2.25	\$636.75		
24	Thermoplastic Pavement Marking-Letters And Symbols, White	166.4	SF	\$3.50	\$582.40	\$3.75	\$624.00	\$4.00	\$665.60	\$5.90	\$981.76	\$3.75	\$624.00		
25	Paint Pavement Marking-Line, Yellow, Curb Face	20.0	LF	\$2.00	\$40.00	\$2.75	\$55.00	\$3.00	\$60.00	\$17.25	\$345.00	\$2.75	\$55.00		
26	Paint Pavement Marking-Line, White, 6"	21.0	LF	\$1.20	\$25.20	\$2.25	\$47.25	\$2.50	\$52.50	\$8.65	\$181.65	\$2.25	\$47.25		
27	Paint Pavement Marking-Line, White, 24"	25.0	LF	\$2.50	\$62.50	\$4.50	\$112.50	\$5.00	\$125.00	\$34.50	\$862.50	\$4.50	\$112.50		
28	Paint Pavement Marking-Line, Yellow, 4"	42.0	LF	\$1.20	\$50.40	\$1.75	\$73.50	\$2.00	\$84.00	\$5.75	\$241.50	\$1.75	\$73.50		
29	Paint Pavement Marking-Letters And Symbols, White	41.6	SF	\$1.00	\$41.60	\$3.50	\$145.60	\$4.00	\$166.40	\$17.50	\$728.00	\$3.50	\$145.60		
30	Valve Box, To Be Adjusted	4.0	Each	\$150.00	\$600.00	\$100.00	\$400.00	\$80.00	\$3,200.00	\$350.00	\$1,400.00	\$340.00	\$1,360.00		
31	Manholes, To Be Adjusted	14.0	Each	\$225.00	\$3,150.00	\$300.00	\$4,200.00	\$1,200.00	\$16,800.00	\$775.00	\$10,850.00	\$860.00	\$12,040.00		
32	Catch Basin, To Be Adjusted	23.0	Each	\$150.00	\$3,450.00	\$300.00	\$6,900.00	\$1,000.00	\$23,000.00	\$700.00	\$16,100.00	\$950.00	\$21,850.00		
33	Removing Clean Out To Maintain Flow	2.0	Each	\$500.00	\$1,000.00	\$100.00	\$200.00	\$100.00	\$200.00	\$215.00	\$430.00	\$320.00	\$640.00		
34	Manhole, Type A, 4' Diameter	2.0	Each	\$1,500.00	\$3,000.00	\$7,700.00	\$15,400.00	\$4,500.00	\$9,000.00	\$5,125.00	\$10,250.00	\$6,800.00	\$13,600.00		
Resurfacing construction total:					\$378,369.45		\$315,189.79		\$373,851.15		\$419,682.66		\$539,395.73		

Water															
35	Trench Backfill	722.0	CY	\$25.00	\$18,050.00	\$25.00	\$18,050.00	\$10.00	\$7,220.00	\$26.50	\$19,133.00	\$1.00	\$722.00		
36	Sidewalk Removal	4790.0	SF	\$1.50	\$7,185.00	\$2.00	\$9,580.00	\$1.25	\$5,987.50	\$1.35	\$6,466.50	\$0.10	\$479.00		
37	Pavement Removal	28.0	SY	\$20.00	\$560.00	\$19.00	\$532.00	\$10.00	\$280.00	\$115.00	\$3,220.00	\$59.00	\$1,652.00		
38	Geotechnical Fabric For Ground Stabilization	28.0	SY	\$1.50	\$42.00	\$5.00	\$140.00	\$2.00	\$56.00	\$6.50	\$182.00	\$6.00	\$168.00		
39	Aggregate Base Course, Type A	10.0	Tons	\$25.00	\$250.00	\$20.00	\$200.00	\$60.00	\$600.00	\$103.00	\$1,030.00	\$54.00	\$540.00		
40	Portland Cement Concrete Sidewalk, 5"	4790.0	SF	\$7.50	\$35,925.00	\$7.00	\$33,530.00	\$6.00	\$28,740.00	\$6.50	\$31,135.00	\$0.50	\$2,395.00		
41	Portland Cement Concrete, Jointed, With Integral Curb, 7"	5.6	SY	\$70.00	\$392.00	\$175.00	\$980.00	\$137.00	\$767.20	\$110.00	\$616.00	\$159.00	\$890.40		
42	Portland Cement Concrete Base Course (Jointed), 7" (With Integral Curb)	22.4	SY	\$70.00	\$1,568.00	\$150.00	\$3,360.00	\$137.00	\$3,068.80	\$110.00	\$2,464.00	\$140.00	\$3,136.00		
43	Sodding	542.0	SY	\$6.50	\$3,523.00	\$8.00	\$4,336.00	\$4.00	\$2,168.00	\$9.00	\$4,878.00	\$9.00	\$4,878.00		
44	Removing Manholes	5.0	Each	\$400.00	\$2,000.00	\$500.00	\$2,500.00	\$500.00	\$2,500.00	\$1,300.00	\$6,500.00	\$500.00	\$2,500.00		
45	Water Main Removal	65.0	LF	\$10.00	\$650.00	\$10.00	\$650.00	\$10.00	\$650.00	\$22.00	\$1,430.00	\$20.00	\$1,300.00		
46	Water Main, PVC, DR14, 4"	3.0	LF	\$85.00	\$255.00	\$100.00	\$300.00	\$100.00	\$300.00	\$190.00	\$570.00	\$85.00	\$255.00		
47	Water Main, PVC, DR14, 6"	27.0	LF	\$85.00	\$2,295.00	\$100.00	\$2,700.00	\$100.00	\$2,700.00	\$140.50	\$3,793.50	\$85.00	\$2,295.00		
48	Water Main, PVC, DR14, 12"	908.0	LF	\$85.00	\$77,180.00	\$110.00	\$99,880.00	\$80.00	\$72,640.00	\$91.00	\$82,628.00	\$149.00	\$135,292.00		
49	Casing Pipe For Water Main, DIP, 18"	33.0	LF	\$125.00	\$4,125.00	\$125.00	\$4,125.00	\$125.00	\$4,125.00	\$140.50	\$4,636.50	\$180.00	\$5,940.00		
50	Tee, Class 350, DIP, MJ, 12" X 12" X 6"	4.0	Each	\$850.00	\$3,400.00	\$500.00	\$2,000.00	\$700.00	\$2,800.00	\$825.00	\$3,300.00	\$500.00	\$2,000.00		
51	Solid Sleeve, Class 350, DIP, MJ, 4"	1.0	Each	\$250.00	\$250.00	\$100.00	\$100.00	\$3,000.00	\$3,000.00	\$575.00	\$575.00	\$120.00	\$120.00		
52	Solid Sleeve, Class 350, DIP, MJ, 6"	2.0	Each	\$350.00	\$700.00	\$150.00	\$300.00	\$3,200.00	\$6,400.00	\$625.00	\$1,250.00	\$150.00	\$300.00		
53	Solid Sleeve, Class 350, DIP, MJ, 12"	8.0	Each	\$400.00	\$3,200.00	\$400.00	\$3,200.00	\$3,500.00	\$12,800.00	\$825.00	\$6,600.00	\$350.00	\$2,800.00		
54	45° Bend, Class 350, MJ, 12"	6.0	Each	\$450.00	\$2,700.00	\$400.00	\$2,400.00	\$600.00	\$3,600.00	\$650.00	\$3,900.00	\$420.00	\$2,520.00		
55	22 1/2° Bend, Class 350, MJ, 12"	1.0	Each	\$450.00	\$450.00	\$400.00	\$400.00	\$600.00	\$600.00	\$650.00	\$650.00	\$420.00	\$420.00		
56	Fire Hydrant To Be Removed	3.0	Each	\$300.00	\$900.00	\$1,000.00	\$3,000.00	\$750.00	\$2,250.00	\$500.00	\$1,500.00	\$700.00	\$2,100.00		
57	Fire Hydrants	4.0	Each	\$2,100.00	\$8,400.00	\$4,000.00	\$16,000.00	\$2,700.00	\$10,800.00	\$3,650.00	\$14,600.00	\$5,600.00	\$22,400.00		
58	Gate Valve and Box To Be Removed	11.0	Each	\$250.00	\$2,750.00	\$200.00	\$2,200.00	\$400.00	\$4,400.00	\$475.00	\$5,225.00	\$200.00	\$2,200.00		
59	Gate Valve And Box, 4"	1.0	Each	\$550.00	\$550.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00	\$1,250.00	\$1,250.00	\$4,200.00	\$4,200.00		
60	Gate Valve And Box, 6"	6.0	Each	\$850.00	\$5,100.00	\$1,200.00	\$7,200.00	\$1,000.00	\$6,000.00	\$1,450.00	\$8,700.00	\$2,600.00	\$15,600.00		
61	Gate Valve And Box, 12"	8.0	Each	\$1,200.00	\$9,600.00	\$2,500.00	\$20,000.00	\$2,500.00	\$20,000.00	\$3,050.00	\$24,400.00	\$5,900.00	\$47,200.00		
Water Subtotal:					\$192,000.00		\$238,663.00		\$220,452.50		\$240,632.50		\$264,302.40		
Total Proposed Cost:					\$570,369.45		\$553,852.79		\$594,303.65		\$660,315.16		\$803,698.13		