

**Memorandum
Public Works Department**



To: City Manager
Subject: 23rd Avenue Reconstruction, 12th Street to 17th Street, Project 2691
Date: August 22, 2013
Number: 2013-172

The Board of Local Improvements opened bids for the above referenced project on Thursday, August 22, 2013. A copy of the bid tabulation is attached.

The invitation to bid was advertised in the Rock Island Argus on August 7, 2013 and August 8, 2013 and was also posted on the City website. The following contractors were contacted:

Brandt Construction	Langman Construction
Valley Construction	Laud Construction
Centennial Contractors	

The low bid is from Brandt Construction Company in the amount of \$1,351,531.70, which is 8% lower than the engineer's estimate of \$1,475,093.75.00.

Recommendation

The Board of Local Improvements recommends that the City Council award the bid to Brandt Construction Company, in the amount of \$1,351,531.70.

Vendor: Brandt Construction Company
Contract Amount: \$1,351,531.70

Accounts Chargeable:

Fund:	301	Capital Improvement
Division:	616	Municipal Services
Cost Center:	316	Special Assessment
Object Class:	56301	Streets/Alleys
Project Code:	2691	23 rd Avenue Reconstruction, 12 th Street to 17 th Street
Grant:	223	Gaming
Fund:	502	Water Capital 20 A BAB's
Division:	619	Utilities Maintenance
Cost Center:	356	Water Distribution Maintenance
Object Class:	56310	Water System Improvements
Project Code:	2691	23 rd Avenue Reconstruction, 12 th Street to 17 th Street
Fund:	506	Wastewater Operations and Maintenance
Division:	619	Utilities Maintenance
Cost Center:	346	Wastewater Collection Maintenance
Object Class:	56311	Wastewater System Improvements
Project Code:	2691	23 rd Avenue Reconstruction, 12 th Street to 17 th Street

Requisition: R004145

Submitted by: Board of Local Improvements:

Jeffery A. Eders, President
Michael J. Kane, P.E., Secretary
Randall D. Tweet
Cynthia Parchert
Theodore Kutsunis

Approved by: Thomas Thomas, City Manager



Bid Tabulation

Job Name: 23rd Avenue Reconstruction, 12th Street to 17th Street
City of Rock Island Job No. 2691; General No. 13-TX-33
Bid Date: Thursday August 22, 2013 at 8:30 a.m.

(For complete information covering these pay items, see plans and specifications)

Item No.	Description	Approx. Quantity	Units	Engineer's Estimate		Brandt Construction Company 700 4th Street West Milan, IL 61264		Langman Construction, Inc. 220 34th Avenue Rock Island, IL 61201		McCarthy Improvement Company 5401 Victoria Avenue Davenport, IA 52807		Valley Construction 3610 78th Avenue West Rock Island, IL 61201	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Earth Excavation	2114	C.Y.	\$17.00	\$35,938.00	\$20.50	\$43,337.00	\$20.00	\$42,280.00	\$40.00	\$84,560.00	\$19.00	\$40,166.00
2	Geotechnical Fabric for Ground Stabilization	8863	S.Y.	\$1.25	\$11,078.75	\$0.90	\$7,976.70	\$2.55	\$22,600.65	\$1.00	\$8,863.00	\$1.10	\$9,749.30
3	Aggregate Base Course, Type A	3298	Ton	\$20.00	\$65,960.00	\$20.50	\$67,609.00	\$17.50	\$57,715.00	\$18.00	\$59,364.00	\$25.50	\$84,099.00
4	Subbase Granular, Type C	517	Ton	\$23.00	\$11,891.00	\$25.50	\$13,183.50	\$17.50	\$9,047.50	\$20.00	\$10,340.00	\$27.00	\$13,959.00
5	Brick Pavement With Vertical Curb (Remove and Replace)	37	S.Y.	\$130.00	\$4,810.00	\$150.00	\$5,550.00	\$195.00	\$7,215.00	\$75.00	\$2,775.00	\$220.00	\$8,140.00
6	Pavement Removal	9178	S.Y.	\$11.00	\$100,958.00	\$9.00	\$83,802.00	\$6.50	\$59,657.00	\$12.00	\$110,136.00	\$12.00	\$110,136.00
7	Portland Cement Concrete Pavement (Jointed), 7" (With Integral Curb)	8814	S.Y.	\$48.00	\$423,072.00	\$38.00	\$334,932.00	\$40.00	\$352,560.00	\$44.00	\$387,816.00	\$44.40	\$391,341.60
8	Hot-Mix Asphalt And PCC Base Course (With Integral Curb) Replacement	15	S.Y.	\$160.00	\$2,400.00	\$251.00	\$3,765.00	\$125.00	\$1,875.00	\$115.00	\$1,725.00	\$200.00	\$3,000.00
9	Curb and Gutter Removal	6	Fl.	\$15.00	\$90.00	\$41.00	\$246.00	\$15.00	\$90.00	\$20.00	\$120.00	\$10.00	\$60.00
10	Combination Concrete Curb And Gutter, Type M-6 18 (Modified)	6	Fl.	\$40.00	\$240.00	\$77.00	\$462.00	\$45.00	\$270.00	\$100.00	\$600.00	\$70.00	\$420.00
11	Driveway Pavement Removal	393	S.Y.	\$15.00	\$5,895.00	\$13.00	\$5,109.00	\$18.00	\$7,074.00	\$18.00	\$7,074.00	\$12.00	\$4,716.00
12	Portland Cement Concrete Driveway Pavement, 6"	503	S.Y.	\$52.50	\$26,407.50	\$51.25	\$25,778.75	\$44.00	\$22,132.00	\$70.00	\$35,210.00	\$60.00	\$30,180.00
13	Sidewalk Removal	8605	S.F.	\$1.50	\$12,907.50	\$1.00	\$8,605.00	\$1.50	\$12,907.50	\$1.00	\$8,605.00	\$1.50	\$12,907.50
14	Portland Cement Concrete Sidewalk, 4"	10385	S.F.	\$4.50	\$46,732.50	\$4.80	\$49,848.00	\$4.00	\$41,540.00	\$5.00	\$51,925.00	\$6.00	\$62,310.00
15	Portland Cement Concrete Pedestrian Curb Ramp, 6"	1623	S.F.	\$12.00	\$19,476.00	\$13.00	\$21,099.00	\$7.00	\$11,361.00	\$18.00	\$29,214.00	\$15.00	\$24,345.00
16	Tree Removal (6 to 15 Inch Diameter)	38	In. Dia.	\$40.00	\$1,520.00	\$28.00	\$1,064.00	\$20.00	\$760.00	\$40.00	\$1,520.00	\$18.00	\$684.00
17	Tree Removal (Over 15 Inch Diameter)	134	In. Dia.	\$50.00	\$6,700.00	\$47.00	\$6,298.00	\$20.00	\$2,680.00	\$50.00	\$6,700.00	\$22.00	\$2,948.00
18	Seeding, Class 7 (Temporary Turf Cover Mixture)	4016	S.Y.	\$1.50	\$6,024.00	\$0.25	\$1,004.00	\$0.01	\$40.16	\$1.00	\$4,016.00	\$1.20	\$4,819.20
19	Stodding	4016	S.Y.	\$5.00	\$20,080.00	\$5.60	\$22,489.60	\$5.20	\$20,883.20	\$4.00	\$16,064.00	\$7.00	\$28,112.00
20	Inlet and Pipe Protection	19	Each	\$125.00	\$2,375.00	\$130.00	\$2,470.00	\$100.00	\$1,900.00	\$200.00	\$3,800.00	\$120.00	\$2,280.00
21	Removing Catch Basins	2	Each	\$200.00	\$400.00	\$250.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$280.00	\$560.00
22	Catch Basins To Be Adjusted	3	Each	\$450.00	\$1,350.00	\$475.00	\$1,425.00	\$400.00	\$1,200.00	\$900.00	\$2,700.00	\$430.00	\$1,290.00
23	Catch Basins, Single, With New Frame and Type C Grate	15	Each	\$2,250.00	\$33,750.00	\$1,855.00	\$27,825.00	\$2,500.00	\$37,500.00	\$3,000.00	\$45,000.00	\$3,350.00	\$50,250.00
24	Removing Manholes to Maintain Flow	4	Each	\$675.00	\$2,700.00	\$1,025.00	\$4,100.00	\$500.00	\$2,000.00	\$1,600.00	\$6,400.00	\$900.00	\$3,600.00
25	Manholes To Be Adjusted	4	Each	\$375.00	\$1,500.00	\$480.00	\$1,920.00	\$250.00	\$1,000.00	\$900.00	\$3,600.00	\$480.00	\$1,920.00
26	Manholes To Be Adjusted With New Frame and Lid	2	Each	\$900.00	\$1,800.00	\$750.00	\$1,500.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$800.00	\$1,600.00
27	Manholes, Type A, 4' Diameter, With New Frame and Lid	7	Each	\$2,500.00	\$17,500.00	\$3,725.00	\$26,075.00	\$3,000.00	\$21,000.00	\$3,500.00	\$24,500.00	\$2,500.00	\$17,500.00
28	Manholes, Type A, 5' Diameter, With New Frame and Lid	2	Each	\$1,000.00	\$6,000.00	\$5,625.00	\$11,250.00	\$4,000.00	\$8,000.00	\$4,500.00	\$9,000.00	\$3,500.00	\$7,000.00
29	Manholes, Type A, 4' Diameter, With New Frame and Lid, Drop Connection	1	Each	\$5,000.00	\$5,000.00	\$5,925.00	\$5,925.00	\$4,500.00	\$4,500.00	\$4,400.00	\$4,400.00	\$5,400.00	\$5,400.00
30	Storm Sewer Structure Connection	2	Each	\$250.00	\$500.00	\$260.00	\$520.00	\$300.00	\$600.00	\$1,000.00	\$2,000.00	\$650.00	\$1,300.00
31	Storm Sewer, PVC, 12"	728	Fl.	\$52.50	\$38,220.00	\$38.50	\$28,028.00	\$80.00	\$58,240.00	\$44.00	\$32,032.00	\$57.00	\$41,496.00
32	Pressure Class Storm Sewer, 12"	147	Fl.	\$53.50	\$7,864.50	\$48.25	\$7,092.75	\$95.00	\$13,965.00	\$54.00	\$7,938.00	\$90.00	\$13,230.00
33	Storm Sewer, PVC, 15"	823	Fl.	\$60.00	\$49,380.00	\$61.50	\$50,614.50	\$85.00	\$69,955.00	\$55.00	\$45,265.00	\$63.00	\$51,849.00
34	Storm Sewer, PVC, 36"	433	Fl.	\$89.00	\$38,537.00	\$119.50	\$51,743.50	\$135.00	\$58,455.00	\$130.00	\$56,290.00	\$138.00	\$59,754.00
35	Sewer Removal	1082	Fl.	\$7.00	\$7,574.00	\$5.25	\$5,680.50	\$0.01	\$10.82	\$15.00	\$16,230.00	\$7.00	\$7,574.00
36	Sanitary Sewer, Pressure Class, Service Laterals	80	Fl.	\$80.00	\$6,400.00	\$44.25	\$3,540.00	\$35.00	\$2,800.00	\$60.00	\$4,800.00	\$75.00	\$6,000.00
37	Sanitary Sewer, PVC, 8"	1018	Fl.	\$57.50	\$58,535.00	\$53.00	\$53,954.00	\$100.00	\$101,800.00	\$40.00	\$40,720.00	\$99.00	\$100,782.00
38	Sanitary Sewer Connection	13	Each	\$750.00	\$9,750.00	\$465.00	\$6,045.00	\$850.00	\$11,050.00	\$700.00	\$9,100.00	\$750.00	\$9,750.00
39	Pipe Underdrain, Perforated Corrugated Polyethylene, 4"	4490	Fl.	\$12.00	\$53,880.00	\$13.00	\$58,370.00	\$9.00	\$40,410.00	\$13.00	\$58,370.00	\$16.50	\$74,085.00



Bid Tabulation

Job Name: 23rd Avenue Reconstruction, 12th Street to 17th Street
City of Rock Island Job No. 2691; General No. 13-TX-33
Bid Date: Thursday August 22, 2013 at 8:30 a.m.

(For complete information covering these pay items, see plans and specifications.)

			Engineer's Estimate		Brandt Construction Company 700 4th Street West Milan, IL 61264		Langman Construction, Inc. 220 34th Avenue Rock Island, IL 61201		McCarthy Improvement Company 5401 Victoria Avenue Davenport, IA 52807		Valley Construction 3610 78th Avenue West Rock Island, IL 61201		
Item No.	Description	Approx. Quantity	Units	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
40	Trench Backfill	3734	C.Y.	\$20.00	\$74,680.00	\$10.00	\$37,340.00	\$15.00	\$56,010.00	\$40.00	\$149,360.00	\$34.00	\$126,956.00
41	Water Main, PVC, DR-14, 8"	2591	Ft.	\$50.00	\$129,550.00	\$49.00	\$126,959.00	\$70.00	\$181,370.00	\$42.00	\$108,822.00	\$69.40	\$179,815.40
42	Water Main, PVC, DR-14, 6"	196	Ft.	\$55.00	\$10,780.00	\$44.00	\$8,624.00	\$70.00	\$13,720.00	\$35.00	\$6,860.00	\$99.00	\$19,404.00
43	Hot Tap Water Main, With Tapping Sleeve and Valve, 10"x10"x8"	2	Each	\$3,200.00	\$6,400.00	\$4,525.00	\$9,050.00	\$3,000.00	\$6,000.00	\$5,000.00	\$10,000.00	\$6,500.00	\$13,000.00
44	Tee, Class 350, DIP, MJ, 8"x8"x6"	7	Each	\$400.00	\$2,800.00	\$440.00	\$3,080.00	\$300.00	\$2,100.00	\$500.00	\$3,500.00	\$320.00	\$2,240.00
45	Cross, Class 350, DIP, MJ, 8"x8"	1	Each	\$500.00	\$500.00	\$665.00	\$665.00	\$450.00	\$450.00	\$700.00	\$700.00	\$400.00	\$400.00
46	Bend, Class 350, DIP, MJ, 22 1/2"	2	Each	\$325.00	\$650.00	\$345.00	\$690.00	\$250.00	\$500.00	\$350.00	\$700.00	\$230.00	\$460.00
47	Bend, Class 350, DIP, MJ, 45"	10	Each	\$325.00	\$3,250.00	\$345.00	\$3,450.00	\$250.00	\$2,500.00	\$350.00	\$3,500.00	\$230.00	\$2,300.00
48	Reducer, Class 350, DIP, MJ, 8"x6"	5	Each	\$300.00	\$1,500.00	\$385.00	\$1,925.00	\$200.00	\$1,000.00	\$300.00	\$1,500.00	\$160.00	\$800.00
49	Cap, Class 350, DIP, MJ, 6"	2	Each	\$250.00	\$500.00	\$200.00	\$400.00	\$100.00	\$200.00	\$200.00	\$400.00	\$50.00	\$100.00
50	Gate Valve and Box, 8"	15	Each	\$1,350.00	\$20,250.00	\$1,350.00	\$20,250.00	\$1,100.00	\$16,500.00	\$1,500.00	\$22,500.00	\$1,150.00	\$17,250.00
51	Gate Valve and Box, 6"	8	Each	\$950.00	\$7,600.00	\$1,000.00	\$8,000.00	\$800.00	\$6,400.00	\$1,100.00	\$8,800.00	\$800.00	\$6,400.00
52	Gate Valve and Box To Be Removed	16	Each	\$150.00	\$2,400.00	\$700.00	\$11,200.00	\$0.01	\$0.16	\$350.00	\$5,600.00	\$300.00	\$4,800.00
53	Water Service Connection, With Saddle, 3/4" or 1"	17	Each	\$500.00	\$8,500.00	\$425.00	\$7,225.00	\$350.00	\$5,950.00	\$500.00	\$8,500.00	\$490.00	\$8,330.00
54	Water Service Lane, 3/4" or 1"	396	Ft.	\$40.00	\$15,840.00	\$38.25	\$15,147.00	\$35.00	\$13,860.00	\$25.00	\$9,900.00	\$35.00	\$13,860.00
55	Domestic Water Valve and Box To Be Adjusted	3	Each	\$100.00	\$300.00	\$79.00	\$237.00	\$50.00	\$150.00	\$150.00	\$450.00	\$160.00	\$480.00
56	Domestic Water Valve and Box	11	Each	\$450.00	\$4,950.00	\$355.00	\$3,905.00	\$50.00	\$550.00	\$300.00	\$3,300.00	\$480.00	\$5,280.00
57	Fire Hydrant to Be Removed	4	Each	\$450.00	\$1,800.00	\$555.00	\$2,220.00	\$700.00	\$2,800.00	\$1,000.00	\$4,000.00	\$550.00	\$2,200.00
58	Fire Hydrant	6	Each	\$3,400.00	\$20,400.00	\$3,255.00	\$19,530.00	\$3,000.00	\$18,000.00	\$3,000.00	\$18,000.00	\$3,500.00	\$21,000.00
59	Paint Pavement Marking- Line, 24", White	96	Ft.	\$5.00	\$480.00	\$3.95	\$379.20	\$2.50	\$240.00	\$3.50	\$336.00	\$3.50	\$336.00
60	Paint Pavement Marking- Line, 6", White	526	Ft.	\$2.50	\$1,315.00	\$2.20	\$1,157.20	\$0.65	\$341.90	\$2.00	\$1,052.00	\$1.95	\$1,025.70
61	Paint Pavement Marking- Line, 6", Yellow	60	Ft.	\$2.50	\$150.00	\$2.20	\$132.00	\$0.65	\$39.00	\$2.00	\$120.00	\$1.95	\$117.00
62	Paint Pavement Marking- Line, 4", Yellow	1739	Ft.	\$2.00	\$3,478.00	\$1.40	\$2,434.60	\$0.34	\$591.26	\$1.25	\$2,173.75	\$1.25	\$2,173.75
63	Paint Pavement Marking- Line, 4", White	455	Ft.	\$2.00	\$910.00	\$1.40	\$637.00	\$0.34	\$154.70	\$1.25	\$568.75	\$1.25	\$568.75
64	Paint Pavement Marking- Letters and Symbols, White	63	S.F.	\$5.00	\$315.00	\$3.30	\$207.90	\$2.00	\$126.00	\$3.00	\$189.00	\$2.95	\$185.85
65	Project Sign	2	Each	\$300.00	\$600.00	\$300.00	\$600.00	\$175.00	\$350.00	\$1,500.00	\$3,000.00	\$350.00	\$700.00
66	Traffic Control and Protection	1	L.S.	\$8,000.00	\$8,000.00	\$14,000.00	\$14,000.00	\$2,500.00	\$2,500.00	\$147,000.00	\$147,000.00	\$38,400.00	\$38,400.00
67	Orifice Outlet	1	Each	\$2,000.00	\$2,000.00	\$2,550.00	\$2,550.00	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00	\$400.00	\$400.00
Bidder's Base Proposal:				\$1,475,093.75	\$1,351,531.70		\$1,447,476.85		\$1,727,603.50		\$1,758,295.05		