

**Memorandum
Public Works Department**



To: City Manager
Subject: 2013 Storm Sewer Outfall Program, Project 2650
Date: July 17, 2013
Number: 2013-145

The Engineering Division opened bids for the above referenced project on Tuesday, July 16, 2013. A copy of the bid tabulation is attached.

The invitation to bid was advertised in the Rock Island Argus on July 2, 2013 and July 3, 2013 and was also posted on the City website. The following contractors were contacted:

Valley Construction	Langman Construction
Brandt Construction	Laud Construction

The low bid is from Legacy Corporation, in the amount of \$72,380.00, which is 9% lower than the engineer's estimate of \$79,340.05.

Recommendation

It is recommended that the City Council award the bid to Legacy Corporation, in the amount of \$72,380.00.

Vendor: Legacy Corporation
Contract Amount: \$72,380.00

Accounts Chargeable:

Fund:	507	Stormwater Utility
Division:	619	Utilities Maintenance
Cost Center:	348	SW Collection Maintenance
Object Class:	53806	Infrastructure Maintenance
Project Code:	2650	Storm Sewer Outfall Program

Purchase Order: P003718

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

Approved by: Thomas Thomas, City Manager

Bid Tabulation Sheet

City Of Rock Island

Public Works Department - Engineering Division

Bid Date: July 16, 2013 at 9:00 a.m.

Project: 2013 Storm Sewer Outfall Program

Job No. 2650

Location: #5 Foxwood Ct.

Account #: 507-619348-53806-2650000

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

Item No.	Description	Quantity	Units	Engineer's Estimate		Bidder									
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Perimeter Erosion Barrier	165	Ft	\$4.00	\$660.00	\$3.00	\$495.00	\$5.00	\$825.00	\$7.00	\$1,155.00	\$5.50	\$907.50	\$4.00	\$660.00
2	Tree Removal (over 15 Units Diameter)	40	Units	\$30.00	\$1,200.00	\$10.00	\$400.00	\$50.00	\$2,000.00	\$50.00	\$2,000.00	\$44.50	\$1,780.00	\$50.00	\$2,000.00
3	Earth Excavation (Cut, Stockpile, and Reuse As Embankment)	509.4	CY	\$40.00	\$20,376.00	\$15.00	\$7,641.00	\$35.00	\$17,829.00	\$25.00	\$12,735.00	\$45.00	\$22,923.00	\$12.00	\$6,112.80
4	Manhole, Type A, 5' Diameter	2	Each	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$4,200.00	\$8,400.00	\$5,500.00	\$11,000.00	\$4,575.00	\$9,150.00	\$5,800.00	\$11,600.00
5	Storm Sewer, Type 1, Class IV, RCCP, 24"	76.5	Ft	\$55.00	\$4,207.50	\$75.00	\$5,737.50	\$65.00	\$4,972.50	\$84.00	\$6,426.00	\$95.50	\$7,305.75	\$148.00	\$11,322.00
6	Storm Sewer, Type 1, Class IV, RCCP, 24" (2 ft connection stub at Fl	2	Ft	\$75.00	\$150.00	\$100.00	\$200.00	\$140.00	\$280.00	\$900.00	\$1,800.00	\$580.00	\$1,160.00	\$300.00	\$600.00
7	Re-use Precast Reinforced Concrete Flared End Section, 24"	1	Each	\$700.00	\$700.00	\$300.00	\$300.00	\$200.00	\$200.00	\$900.00	\$900.00	\$725.00	\$725.00	\$2,900.00	\$2,900.00
8	Filter Fabric For Use With Riprap	36.4	SY	\$7.00	\$254.80	\$4.00	\$145.60	\$5.00	\$182.00	\$3.00	\$109.20	\$5.00	\$182.00	\$5.00	\$182.00
9	Stone Dumped Riprap, Class A, RR5	30	Ton	\$65.00	\$1,950.00	\$60.00	\$1,800.00	\$70.00	\$2,100.00	\$90.00	\$2,700.00	\$85.00	\$2,550.00	\$92.00	\$2,760.00
10	Stone Dumped Riprap, Class A, RR1	20	Ton	\$65.00	\$1,300.00	\$40.00	\$800.00	\$40.00	\$800.00	\$86.00	\$1,720.00	\$45.50	\$910.00	\$66.00	\$1,320.00
11	Top Soil, Furnish and Place, 3"	968	SY	\$5.00	\$4,840.00	\$2.00	\$1,936.00	\$4.75	\$4,598.00	\$5.00	\$4,840.00	\$3.00	\$2,904.00	\$3.00	\$2,904.00
12	Nitrogen Fertilizer Nutrient	5	LB	\$4.00	\$20.00	\$5.00	\$25.00	\$10.00	\$50.00	\$12.00	\$60.00	\$11.25	\$56.25	\$5.00	\$25.00
13	Phosphorus Fertilizer Nutrient	5	LB	\$4.00	\$20.00	\$5.00	\$25.00	\$10.00	\$50.00	\$12.00	\$60.00	\$11.25	\$56.25	\$5.00	\$25.00
14	Potassium Fertilizer Nutrient	5	LB	\$4.00	\$20.00	\$5.00	\$25.00	\$10.00	\$50.00	\$12.00	\$60.00	\$11.25	\$56.25	\$5.00	\$25.00
15	Seeding, Class 1B	0.2	Acre	\$6,500.00	\$1,300.00	\$4,000.00	\$800.00	\$5,000.00	\$1,000.00	\$6,000.00	\$1,200.00	\$5,600.00	\$1,120.00	\$4,000.00	\$800.00
16	Remove, Store and Re-use Existing Rip Rap	40	SY	\$35.00	\$1,400.00	\$30.00	\$1,200.00	\$30.00	\$1,200.00	\$95.00	\$3,800.00	\$30.50	\$1,220.00	\$50.00	\$2,000.00
17	Slope Mattress. (Reno Mattress 9'x6'x1')	12	SY	\$170.00	\$2,040.00	\$500.00	\$6,000.00	\$100.00	\$1,200.00	\$110.00	\$1,320.00	\$140.00	\$1,680.00	\$320.00	\$3,840.00
18	Flared End Section Removal	1	Each	\$500.00	\$500.00	\$1,349.90	\$1,349.90	\$100.00	\$100.00	\$300.00	\$300.00	\$425.00	\$425.00	\$600.00	\$600.00
19	Traffic Control and Protection	1	LS	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00	\$2,050.00	\$2,050.00	\$1,900.00	\$1,900.00
Bidder's Proposal for Storm Sewer Outfall Program:				\$52,438.30		\$39,380.00		\$55,836.50		\$54,185.20		\$57,161.00		\$51,575.80	

2013-145

PO-003718

507-619348-53806-2650000

084

Project: 2013 Storm Sewer Outfall Program
 Job No. 2650
 Location: 4209 28th Ave Storm Sewer
 Account #: 507-619348-53806-2650000

Engineer's Estimate	Bidder	Bidder	Bidder	Bidder	Bidder
	Legacy Corporation 16322 Barstow Rd East Moline, IL 61244	Langman Construction, Inc. 220 34th Ave Rock Island, IL 61201	Miller Trucking & Excavating 3303 John Deere Road Silvis, IL 61282	Brandt Construction Co. General Contractor 700 4th St. W. Milan, IL 61264	Valley Construction Co. 3610 78th Avenue West Rock Island, IL 61201

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

Item No.	Description	Quantity	Units	Engineer's Estimate		Bidder		Bidder		Bidder		Bidder		Bidder	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Earth Excavation	11	CY	\$15.00	\$165.00	\$50.00	\$550.00	\$30.00	\$330.00	\$100.00	\$1,100.00	\$69.00	\$759.00	\$68.00	\$748.00
2	Geotechnical Fabric for Ground Stabilization	61	SY	\$1.25	\$76.25	\$10.00	\$610.00	\$2.00	\$122.00	\$3.00	\$183.00	\$4.00	\$244.00	\$3.00	\$183.00
3	Aggregate Base Course, Type A	24	Ton	\$21.00	\$504.00	\$22.00	\$528.00	\$35.00	\$840.00	\$30.00	\$720.00	\$51.00	\$1,224.00	\$35.00	\$840.00
4	Pavement Removal	61	SY	\$12.50	\$762.50	\$10.00	\$610.00	\$16.00	\$976.00	\$14.00	\$854.00	\$28.00	\$1,708.00	\$30.00	\$1,830.00
5	PCC Pavement With Integral Curb, 7"	61	SY	\$50.00	\$3,050.00	\$90.00	\$5,490.00	\$69.00	\$4,209.00	\$110.00	\$6,710.00	\$77.50	\$4,727.50	\$148.00	\$9,028.00
6	Driveway Pavement Removal	13	SY	\$12.00	\$156.00	\$10.00	\$130.00	\$16.00	\$208.00	\$32.00	\$416.00	\$25.00	\$325.00	\$30.00	\$390.00
7	PCC Driveway Pavement, 6"	13	SY	\$45.00	\$585.00	\$80.00	\$1,040.00	\$110.00	\$1,430.00	\$90.00	\$1,170.00	\$84.50	\$1,098.50	\$130.00	\$1,690.00
8	Sodding	414	SY	\$7.00	\$2,898.00	\$8.00	\$3,312.00	\$7.00	\$2,898.00	\$10.00	\$4,140.00	\$7.85	\$3,249.90	\$8.00	\$3,312.00
9	Remove and Re-erect Chain Link Fence	1	LS	\$250.00	\$250.00	\$500.00	\$500.00	\$200.00	\$200.00	\$450.00	\$450.00	\$1,300.00	\$1,300.00	\$900.00	\$900.00
10	Remove and Replace Wooden Wall and Landscaping	1	LS	\$250.00	\$250.00	\$1,290.00	\$1,290.00	\$100.00	\$100.00	\$980.00	\$980.00	\$1,875.00	\$1,875.00	\$500.00	\$500.00
11	Catch Basin, Single, to Be Adjusted	1	Each	\$750.00	\$750.00	\$500.00	\$500.00	\$500.00	\$500.00	\$850.00	\$850.00	\$485.00	\$485.00	\$990.00	\$990.00
12	Removing Manhole to Maintain Flow	2	Each	\$400.00	\$800.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$1,800.00	\$3,600.00	\$2,750.00	\$5,500.00	\$3,900.00	\$7,800.00
13	Manhole, Type A, 4' Dia.	3	Each	\$2,500.00	\$7,500.00	\$2,500.00	\$7,500.00	\$3,250.00	\$9,750.00	\$4,200.00	\$12,600.00	\$4,600.00	\$13,800.00	\$7,800.00	\$23,400.00
14	Storm Sewer, P.V.C., 18"	98	Ft	\$60.00	\$5,880.00	\$70.00	\$6,860.00	\$78.00	\$7,644.00	\$90.00	\$8,820.00	\$167.00	\$16,366.00	\$172.00	\$16,856.00
15	Trench Backfill	63	CY	\$25.00	\$1,575.00	\$10.00	\$630.00	\$16.00	\$1,008.00	\$35.00	\$2,205.00	\$25.50	\$1,606.50	\$30.00	\$1,890.00
16	Controlled Low-Strength Maternal	2	CY	\$100.00	\$200.00	\$325.00	\$650.00	\$200.00	\$400.00	\$190.00	\$380.00	\$225.00	\$450.00	\$160.00	\$320.00
17	Inlet and Pipe Protection	2	Each	\$250.00	\$500.00	\$150.00	\$300.00	\$100.00	\$200.00	\$90.00	\$180.00	\$220.00	\$440.00	\$200.00	\$400.00
18	Traffic Control and Protection	1	LS	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$8,000.00	\$8,000.00	\$4,000.00	\$4,000.00	\$1,750.00	\$1,750.00	\$2,000.00	\$2,000.00

Bidder's Proposal for Project:	\$26,901.75	\$33,000.00	\$39,815.00	\$49,358.00	\$56,908.40	\$73,077.00
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Bidder's Proposal for Both Projects*:	\$79,340.05	\$72,380.00	\$95,651.50	\$103,543.20	\$114,069.40	\$124,652.80
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* (Summation of Sod and Tree Programs)