

February 17, 2020

Ms. Carrie Evenson, Ph.D, P.E., CFM  
 City of Norman  
 Public Works - Stormwater  
 201 West Gray, Bldg. A  
 Norman, Oklahoma 73070

Re: Frank Street and Hughbert Street Drainage Improvements (1920-34)  
 Cardinal Engineering Project No. CONC190310

Dear Carrie,


On Thursday, the 13<sup>th</sup> of February at 2:00 P.M., two responsive bids were received and publicly opened at the City of Norman’s city hall for the Frank Street and Hughbert Street Drainage Improvement Project. The two bids received are listed below with the apparent low bidder listed first.

Contractors	Base Bid
EMC Services, LLC Oklahoma City, Oklahoma	\$78,577.00
Central Contracting Services Norman, Oklahoma	\$102,542.50

EMC Services, LLC. of Oklahoma City, Oklahoma was the apparent responsive low bidder. We have reviewed their bid proposal, with all items checked for correctness in their extensions and additions. Based on the review, we find EMC Services, LLC. bid and qualification to be competent to complete the project according to the construction documents. Therefore, Cardinal Engineering recommends the award of contract to EMC Services, LLC. for their low bid of \$78,577.00.

Should you or your staff have any questions please call.

Respectfully submitted,  
 Cardinal Engineering



Ryan Swain, P.E.  
 Project Manager

Engineering | Environmental | Surveying

Oklahoma City 405.842.1066	Norman 405.579.0655	Tulsa 918.895.9766	Woodward 580.254.3518	Ada 580.279.1382
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**BID 1920-34 – Frank Street and Hughbert Street Drainage Improvements**

Item No.	Description	Unit	Quantity	ENGINEER'S ESTIMATE		EMC SERVICES LLC		CENTRAL CONTRACTING SERVICES, INC	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
1	CONSTRUCTION STAKING (CONSTRUCTION SURVEY)	LS	1	\$3,000.00	\$3,000	\$1,700.00	\$1,700.00	\$5,000.00	\$5,000.00
2	CONSTRUCTION SIGNING AND TRAFFIC CONTROL	LS	1	\$4,000.00	\$4,000	\$4,775.00	\$4,775.00	\$5,000.00	\$5,000.00
3	MOBILIZATION (SP)	LS	1	\$6,000.00	\$6,000	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00
4	CLEARING AND GRUBBING	LS	1	\$3,000.00	\$3,000	\$1,700.00	\$1,700.00	\$5,000.00	\$5,000.00
5	FIELD LOCATE/VERIFY UTILITY CROSSINGS FOR CLEARANCE REQUIREMEN	LS	1	\$2,000.00	\$2,000	\$2,300.00	\$2,300.00	\$5,000.00	\$5,000.00
6	EARTHWORK	LS	1	\$4,000.00	\$4,000	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00
<b>FRANK STREET</b>									
7	TYPE A AGGREGATE	CY	6	\$75.00	\$450	\$70.00	\$420.00	\$35.00	\$210.00
8	15" N-12 HDPE DUAL WALL PIPE	LF	240	\$48.00	\$11,520	\$40.00	\$9,600.00	\$60.00	\$14,400.00
9	AREA INLET (SEE AREA INLET DETAIL FOR INFORMATION))	EA	5	\$3,250.00	\$16,250	\$2,500.00	\$12,500.00	\$2,500.00	\$12,500.00
10	SAWCUT	LF	23	\$7.65	\$176	\$4.00	\$92.00	\$5.00	\$115.00
11	SOLID SLAB SODDING	SY	150	\$6.01	\$902	\$5.00	\$750.00	\$5.00	\$750.00
12	DROP INLET -ROCK BARRIER	EA	5	\$300.00	\$1,500	\$120.00	\$600.00	\$150.00	\$750.00
13	SILT FENCE	LF	325	\$2.15	\$699	\$2.00	\$650.00	\$5.00	\$1,625.00
14	CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT	SY	155	\$80.00	\$12,400	\$74.00	\$11,470.00	\$85.00	\$13,175.00
<b>HUGHBERT STREET</b>									
15	TYPE A AGGREGATE	CY	3	\$75.00	\$225	\$70.00	\$210.00	\$35.00	\$105.00
16	15" N-12 HDPE DUAL WALL PIPE	LF	145	\$48.00	\$6,960	\$40.00	\$5,800.00	\$60.00	\$8,700.00
17	15" RCP	LF	30	\$70.00	\$2,100	\$85.00	\$2,550.00	\$60.00	\$1,800.00
18	AREA INLET	EA	5	\$3,250.00	\$16,250	\$2,500.00	\$12,500.00	\$2,500.00	\$12,500.00
19	SAWCUT	LF	50	\$7.65	\$383	\$4.00	\$200.00	\$5.00	\$250.00
20	SOLID SLAB SODDING	SY	450	\$6.01	\$2,705	\$5.00	\$2,250.00	\$5.00	\$2,250.00
21	DROP INLET -ROCK BARRIER	EA	6	\$300.00	\$1,800	\$120.00	\$720.00	\$150.00	\$900.00
22	SILT FENCE	LF	250	\$2.15	\$538	\$2.00	\$500.00	\$5.00	\$1,250.00
23	P.C. CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT	SY	10	\$80.00	\$800	\$74.00	\$740.00	\$85.00	\$850.00
24	ASPHALT REMOVAL AND REPLACEMENT	TON	2.75	\$150.00	\$413	\$200.00	\$550.00	\$150.00	\$412.50
							\$98,088.20	\$78,577.00	\$102,542.50