

September 20, 2019

Ms. Carrie Evenson, Ph.D, P.E., CFM
City of Norman, Stormwater Division
201 West Gray, Bldg. A
Norman, Oklahoma 73069

Re: Daws-Tonhawa Alley Drainage Improvements (1920-3)
(Cardinal Engineering Project No. CONC181140)

Dear Carrie,

On Thursday, the 19th of September 2019 at 2:00 P.M., two responsive bids were received and publicly opened at the City of Norman's city hall for the Daws-Tonhawa Alley Drainage Improvements. The two bids received are listed below with the apparent low bidder listed first.

Contractors	Base Bid
A-Tech Paving Oklahoma City, Oklahoma	\$69,360.00
EMC Services, LLC. Oklahoma City, Oklahoma	\$70,700.50

A-Tech Paving 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 and references called, we find A-Tech Paving bid and qualification to be competent to complete the project according to the construction documents.

Therefore, Cardinal Engineering recommends the award of contract to A-Tech Paving with their low bid of \$69,360.00. Should you or your staff have any questions please call.

Respectfully submitted,



Ryan Swain
Cardinal Engineering, LLC

	Daws-Tonhawa Alley Drainage Improvements (1920-3)						
Item				EMC Services		A-TECH Paving	
No.		Unit	Quantity	Unit Price	Total	Unit Price	Total
1	CLEARING AND GRUBBING	LSUM	1	\$2,900.00	\$2,900	\$4,000.00	\$4,000.00
2	TYPE A SALVAGED TOPSOIL	LSUM	1	\$1,600.00	\$1,600	\$1,800.00	\$1,800.00
3	UNCLASSIFIED EXCAVATION	LSUM	1	\$2,500.00	\$2,500	\$15,000.00	\$15,000.00
4	CONSTRUCTION STAKING	LSUM	1	\$3,500.00	\$3,500	\$4,250.00	\$4,250.00
5	MOBILIZATION	LSUM	1	\$7,200.00	\$7,200	\$5,000.00	\$5,000.00
6	TRAFFIC CONTROL	LSUM	1	\$2,900.00	\$2,900	\$4,000.00	\$4,000.00
7	REMOVAL OF STRUCTURES & OBSTRUCTIONS	LSUM	1	\$1,600.00	\$1,600	\$1,000.00	\$1,000.00
8	REMOVAL OF EXISTING GRAVEL	SY	260	\$12.00	\$3,120	\$4.50	\$1,170.00
9	REMOVAL OF CONCRETE PAVEMENT	SY	27	\$28.00	\$756	\$10.00	\$270.00
10	REMOVAL OF EXISTING 6" BARRIER CURB	LF	11	\$10.00	\$110	\$10.00	\$110.00
11	REMOVAL OF CONCRETE SIDEWALK	SY	8	\$18.00	\$144	\$10.00	\$80.00
12	SAWING PAVEMENT	LF	46	\$4.00	\$184	\$5.25	\$241.50
13	ADJUST EXISTING MANHOLE RIM TO GRAE	EA	1	\$750.00	\$750	\$400.00	\$400.00
14	TEMPORARY SILT FENCE	LF	425	\$2.50	\$1,063	\$4.30	\$1,827.50
15	TEMPORARY SAND BAGS	LF	30	\$15.00	\$450	\$10.00	\$300.00
16	TEMPORARY ROCK BAG PROTECTION	EA	1	\$150.00	\$150	\$500.00	\$500.00
17	TEMPORARY CONSTRUCTION ENTRANCE	SY	30	\$95.00	\$2,850	\$34.50	\$1,035.00
18	SOLID SLAB SOD	SY	160	\$6.00	\$960	\$6.00	\$960.00
19	6" MODIFIED SUBGRADE	SY	380	\$28.00	\$10,640	\$16.00	\$6,080.00
20	CKD	TONS	11	\$154.00	\$1,694	\$115.00	\$1,265.00
21	6" P.C. CONCRETE PAVEMENT	SY	326	\$75.00	\$24,450	\$58.50	\$19,071.00
22	4" SIDEWALK	SY	4	\$70.00	\$280	\$100.00	\$400.00
23	6" CURB AND GUTTER	LF	30	\$30.00	\$900	\$20.00	\$600.00
	Total Base Bid				\$70,700.50		\$69,360.00