

CITY OF WASHINGTON, ILLINOIS City Council Agenda Communication

Meeting Date: January 6, 2020

Prepared By: John Anderson, Acting City Engineer

Agenda Item: Bid Award – Stratford Drive Bridge contract

Explanation: The Stratford Drive bridge replacement contract was bid on Dec 19, 2019. Three bids were received with N. E. Finch the low bidder at \$572,949.80. The Engineer's estimate was \$710,277.

Fiscal Impact: \$572,949.80 from Non MFT Street Maintenance Funds and Surplus Funds

Recommendation/

Committee Discussion Summary: The Acting City Engineer recommends contract award of the contract for Council approval.

Action Requested: Approval of contract award.

Additional Documentation: Bid tabulation form

Date Prepared: 12/30/2019

Hutchison Engineering, Inc.

Owner: City of Washington
Project: Stratford Drive Bridge Replacement
Date: December 19, 2019

Name of Bidder Stark Excavating, Inc.
Address of Bidder 1805 W. Washington St.
Bloomington, Il 61701
Proposal Guarantee Bid Bond
Terms 5% Otto Baum Company, Inc. 866 N. Main St. Morton, IL 61550 Bid Bond 5% N.E. Finch Co. PO Box 5187 Peorla, IL 61601 Bid Bond 5%

Date:	10:00 AM				Terms Engineer's Estimate		5 5%		5%		5%	
Time:												
Item No.	items	Unit	Quantity	Unit	Total	Unit	Total	Unit Price	Total	Unit Price	Total	
20300100	CHANNEL EXCAVATION	CUYD	215	\$27.50	\$5,912.50	\$25.00						
	FURNISHED EXCAVATION	CU YD	115	\$52.00								
	TRENCH BACKFILL	CU YD	14	\$40.00	\$560.00	\$35.00	\$490.0	0 \$23.74			4-7	
	TEMP EROS CONT SEEDING	POUND	75	\$7.00	\$525.00	\$7.00	\$525.0					
	PERIMETER EROSION BARRIER	FOOT	159	\$8.00	\$1,272.00	\$8.00	\$1,272.0					
	INLET AND PIPE PROTECTION	EACH	4	\$175.00	\$700.00	\$160.00	\$640.0					
	STONE RIPRAP, CLASS A4	TON	225	\$100.00	\$22,500.00	\$94,00	\$21,150.0	0 \$74.13	\$16,679.2	\$88.00		
	FILTER FABRIC	SQ YD	280	\$5.50	\$1,540.00	\$4.50	\$1,260.00	0 \$4.59	\$1,285.2			
-	AGG BASE COURSE, TYPE B	TON	572	\$40.00	\$22,880.00	\$38.50	\$22,022.00	\$35,66	\$20,397.5			
	BIT MATLS (PR COAT)	POUND	2193	\$1.00	\$2,193.00	\$0.75	\$1,644.7	\$0.80	\$1,754.4	\$1.00		
	POLY BIT MATLS (TACK COAT)	POUND	527	\$1.25			\$658.75	\$1.33	\$700.9	\$1.50		
	HMA BIND CSE, IL-19.0, N50	TON	112	\$129.00	\$14,448.00	\$135.00	\$15,120.00	\$140.88	\$15,778.5	\$155.00		
	HMA SURF CSE, MIX "C", N50	TON	106	\$129.00		\$135.00	\$14,310.00	\$140.88	\$14,933.21	\$155.00		
	PCC DRIVEWAY PVMT, 6"	SQ YD	153	\$103.00	\$15,759.00	\$110.00	\$16,830.00	\$75.38	\$11,533.1	\$100.00		
	PCC SIDEWALK, 4"	SQ FT	678	\$12.00		\$12.00	\$8,136.00	\$6.81	\$4,617.1	\$11.00		
-	PAVEMENT REMOVAL	SQ YD	1055	\$5,25		\$5.00		\$8.55	\$9,020.25		\$6,330.0	
	DRIVEWAY PVMT REMOVAL	SQ YD	149	\$12.00				\$14.15	\$2,108.3		\$1,043.0	
	COMB CURB & GUTTER REMOV	FOOT	658	\$7.75	\$5,099.50	\$7.50	\$4,935.00	\$3.93	\$2,585.94		\$5,264.0	
	SIDEWALK REMOVAL	SQ FT	832	\$1.50		\$2.00	\$1,664.00	\$2.96	\$2,462.72			
	REMOVAL OF EXIST STRUCT	EACH	1	\$40,500.00	\$40,500.00	\$23,575.40	\$23,575.40	\$19,432.00	\$19,432.00		\$24,400.0	
	SLOPE WALL REMOVAL	SQ YD	7	\$25.00	\$175.00	\$23.00	\$151.00	\$64.13	\$448.91	\$70.00	\$490.0	
	STRUCTURE EXCAVATION	CU YD	95	\$25.00	\$2,375.00	\$20.00	\$1,900.00	\$26.47	\$2,514.65	\$36,00	53,420,0	
	CONCRETE STRUCTURES	CU YD	38,5	\$750.00	\$28,875.00	\$735.00	\$28,297.50	\$922.59	\$35,519.72	\$730.00	\$28,105.00	
	CONCRETE SUPERSTRUCTURE	CU YD	24.0	\$1,185.00	\$28,440.00	\$1,060.00	\$25,440.00	\$1,306.38	\$31,353.12	\$860.00	\$20,640.00	
	CONCRETE ENCASEMENT	CU_YD	.3.6	. \$2,575.00	\$9,270.00	\$1,900.00	\$6,840.00	\$487.99	\$1,756.76	\$1,000.00	\$3,600.00	
	PROTECTIVE COAT	SQ YD	95	\$5.25	\$498.75	\$5.10	\$484.50	\$3.69	\$350.55	\$6.00	\$570.00	
	PPC DECK BEAMS 17"	SQFT	2072	\$80.00	\$165,760.00	\$70.00	\$145,040.00	\$88.45	\$183,268.40	\$69.00	\$142,968.00	
	REINF BARS, EPOXY COATED	POUND	7170	\$2.40	\$17,208,00	\$2.30	\$16,491.00	\$2.29	\$16,419.30	\$2.50	\$17,925.00	
	ALUMINUM RAILING, TYPE L	FOOT	86	\$165,00	\$14,190.00	\$160.00	\$13,760.00	\$170.50	\$14,663.00	\$185.00	\$15,910.00	
	FURN METAL SHELL PILES 12"x0.25"	FOOT	414	\$64.00	\$26,496.00	\$60.00	\$24,840.00	\$71.94	\$29,783.16	\$62.00	\$25,668.00	
	DRIVING PILES	FOOT	414	\$1.00	\$414.00	\$1.00	\$414.00	\$0.01	54.14	\$1.00	\$414.00	
	TEST PILE METAL SHELLS	EACH	2	511,000.00	\$22,000.00	\$10,000.00	\$20,000.00	\$5,189.36	\$10,378.72	\$6,900.00	\$13,800.00	
	NAME PLATES	EACH	1	\$625.00	\$625.00	\$600.00	\$600.00	\$673.14	\$673.14	\$715.00	\$715,00	
54213660 P	PRC FLARED END SECTION 15"	EACH	_1	\$900.00	\$900.00	\$850.00	\$850.00	\$878.08	\$878.08	\$880.00	\$880.00	
	TORM SEWERS, CL A, T1 15"	FOOT	82	\$80.00	\$6,560.00	\$75.00	56,150.00	\$79.26	\$6,499.32	\$77.00	\$6,314.00	
	TORM SEWERS, CL A, TY 1 36"	FOOT	5	\$215.00	\$1,075.00	\$220.00	\$1,100.00	\$485.56	\$2,427.80	\$285.00	\$1,425.00	
	VATER MAIN 6"	FOOT	391	\$150.00	\$58,650.00	\$132.00	\$51,612.00	\$65.39	\$25,567.49	\$71.00	\$27,761.00	
	VATER VALVES 6"	EACH	3	\$1,300.00	\$3,900.00	\$750.00	\$2,250.00	\$877.20	\$2,631.60	\$950.00	\$2,850.00	
	VATER SERVICE LINE 1"	FOOT	96	\$75.00	\$7,200.00	\$68.00	\$6,528.00	\$74.43	\$7,145.28	\$80.00	\$7,680.00	
	IRE HYDRANTS TO BE REMOVED	EACH	1	\$500.00	\$500.00	\$595.00	\$595.00	\$1,515.17	\$1,515.17	\$1,640.00	\$1,640.00	
	IRE HYDRANTS	EACH	1	\$3,750.00	\$3,750.00	\$3,400.00	\$3,400.00	\$4,248.86	\$4,248.86	\$4,600.00	\$4,600.00	
	VATERPROOFING MEMBRANE SYSTEM	SQ YD	180	\$70.00	\$12,600.00	\$72.00	\$12,960.00	\$72.74	\$13,093.20	\$75.00	\$13,500.00	
	ORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	115	\$5.15	\$592.25	\$5.00	\$575.00	\$10.04	\$1,154.60	\$5.00	\$575.00	
	ONTROLLED LOW-STRENGTH MATERIAL	CU YD	27.7	\$100.00	\$2,770.00	\$98.00	\$2,714.60	\$81.92	\$2,269.18	\$79.00	\$2,188.30	
	MANHOLES, TY A, 4' DIA, TY 1 FRAME, CLOSED LID	EACH	1	\$2,225.00	\$2,225.00	\$2,550.00	\$2,550.00	\$3,763.42	\$3,763.42	\$2,610.00	\$2,610.00	
	MANHOLES TO BE ADJUSTED	EACH	4	\$850.00	\$3,400.00	\$1,100.00	\$4,400.00	\$554.13	\$2,216.52	\$500.00	\$2,000.00	
	OAAR CONC CURR & CUTTER TR 5 42	EACH	2	\$1,750.00	\$3,500.00	\$2,500.00	\$5,000.00	\$537.18	\$1,074.36	\$500.00	\$1,000.00	
	OMB CONC CURB & GUTTER, TB 6.12	FOOT	576	\$60.00	\$34,560.00	\$55.50	\$31,968.00	\$42.17	\$24,289.92	\$46.00	\$26,496.00	
	OBILIZATION	LSUM		\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00	\$34,688.41	\$34,688.41	\$9,930.00	\$9,930.00	
00000001 C	ONCRETE HEADWALL	LSUM		\$17,500.00	\$17,500.00	\$11,500.00	\$11,500.00	\$12,429.95	\$12,429.95	\$4,120.00	\$4,120.00	
		FOOT	18	\$410.00	57,380.00	\$365.00	\$6,570.00	\$347.93	\$6,262.74	\$85.00	\$1,530.00	
	VLET, TYPE A WITH NEENAH R-3506-B	EACH	1	\$2,600.00	\$2,600,00	\$2,400.00	\$2,400.00	\$2,918.34	\$2,918.34	\$2,690.00	\$2,690.00	
	EM EXIST FLARED END SECT	EACH	1	\$275.00	\$275.00	\$265.00	\$265.00	\$406.98	\$406.98	\$500.00	\$500,00	
	EMOVE EXISTING WATER VALVE	EACH	2	\$400.00	\$800.00	\$345.00	\$690.00	\$1,515.17	\$3,030.34	\$1,640.00	\$3,280.00	
	ILETS, TYPE G-1	EACH	1	\$3,300.00	\$3,300.00	\$3,500.00	\$3,500,00	\$3,274.21	\$3,274.21	\$2,660.00	\$2,660.00	
	RAFFIC CONTROL AND PROTECTION (SPECIAL)	LSUM	1	\$4,000.00	\$4,000.00	\$3,400.00	\$3,400.00	\$3,588.56	\$3,588.56	\$5,500.00	\$5,500.00	
OOT3/98 CC	DNSTRUCTION LAYOUT	LSUM	1	\$5,000.00	\$5,000.00	\$4,100.00	\$4,100.00	\$11,250.00	\$11,250.00	59,200.00	\$9,200.00	
	Total =					As Read:	\$631,990.00	As Read:	\$639,142.67	As Read:	\$572,928.80	
						Calculated:	\$631,990.00		\$639,142.67		\$572,949.80	