



CITY OF WASHINGTON, ILLINOIS
Public Works Committee 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. The bid tabs are attached.

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: Recommendation to Council to approve project award.

Additional Documentation: Bid tabulation form



Owner: City of Washington
 Project: Stratford Drive Bridge Replacement
 Date: December 19, 2019
 Time: 10:00 AM

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

Item No.	Items	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
20300100	CHANNEL EXCAVATION	CU YD	215	\$27.50	\$5,912.50	\$25.00	\$5,375.00	\$27.08	\$5,822.20	\$34.00	\$7,310.00
20400800	FURNISHED EXCAVATION	CU YD	115	\$52.00	\$5,980.00	\$50.00	\$5,750.00	\$36.18	\$4,160.70	\$53.00	\$6,095.00
20800150	TRENCH BACKFILL	CU YD	14	\$40.00	\$560.00	\$35.00	\$490.00	\$23.74	\$332.36	\$79.00	\$1,106.00
28000250	TEMP EROS CONT SEEDING	POUND	75	\$7.00	\$525.00	\$7.00	\$525.00	\$3.19	\$239.25	\$10.00	\$750.00
28000400	PERIMETER EROSION BARRIER	FOOT	159	\$8.00	\$1,272.00	\$8.00	\$1,272.00	\$7.08	\$1,125.72	\$6.00	\$954.00
28000500	INLET AND PIPE PROTECTION	EACH	4	\$175.00	\$700.00	\$160.00	\$640.00	\$103.96	\$415.84	\$360.00	\$1,440.00
28100207	STONE RIPRAP, CLASS A4	TON	225	\$100.00	\$22,500.00	\$94.00	\$21,150.00	\$74.13	\$16,679.25	\$88.00	\$19,800.00
28200200	FILTER FABRIC	SQ YD	280	\$5.50	\$1,540.00	\$4.50	\$1,260.00	\$4.59	\$1,285.20	\$3.00	\$840.00
35101400	AGG BASE COURSE, TYPE B	TON	572	\$40.00	\$22,880.00	\$38.50	\$22,022.00	\$35.66	\$20,397.52	\$35.00	\$20,020.00
40600275	BIT MATLS (PR COAT)	POUND	2193	\$1.00	\$2,193.00	\$0.75	\$1,644.75	\$0.80	\$1,754.40	\$1.00	\$2,193.00
40600295	POLY BIT MATLS (TACK COAT)	POUND	527	\$1.25	\$658.75	\$1.25	\$658.75	\$1.33	\$700.91	\$1.50	\$790.50
40603080	HMA BIND CSE, IL-19.0, N50	TON	112	\$129.00	\$14,448.00	\$135.00	\$15,120.00	\$140.88	\$15,778.56	\$155.00	\$17,360.00
40603310	HMA SURF CSE, MIX "C", N50	TON	106	\$129.00	\$13,674.00	\$135.00	\$14,310.00	\$140.88	\$14,933.28	\$155.00	\$16,430.00
42300200	PCC DRIVEWAY PVMT, 6"	SQ YD	153	\$103.00	\$15,759.00	\$110.00	\$16,830.00	\$75.38	\$11,533.14	\$100.00	\$15,300.00
42400100	PCC SIDEWALK, 4"	SQ FT	678	\$12.00	\$8,136.00	\$12.00	\$8,136.00	\$6.81	\$4,617.18	\$11.00	\$7,458.00
44000100	PAVEMENT REMOVAL	SQ YD	1055	\$5.25	\$5,538.75	\$5.00	\$5,275.00	\$8.55	\$9,020.25	\$6.00	\$6,330.00
44000200	DRIVEWAY PVMT REMOVAL	SQ YD	149	\$12.00	\$1,788.00	\$13.50	\$2,011.50	\$14.15	\$2,108.35	\$7.00	\$1,043.00
44000500	COMB CURB & GUTTER REMOV	FOOT	658	\$7.75	\$5,099.50	\$7.50	\$4,935.00	\$3.93	\$2,585.94	\$8.00	\$5,264.00
44000600	SIDEWALK REMOVAL	SQ FT	832	\$1.50	\$1,248.00	\$2.00	\$1,664.00	\$2.96	\$2,462.72	\$3.50	\$2,912.00
50100100	REMOVAL OF EXIST STRUCT	EACH	1	\$40,500.00	\$40,500.00	\$23,575.40	\$23,575.40	\$19,432.00	\$19,432.00	\$24,400.00	\$24,400.00
50104650	SLOPE WALL REMOVAL	SQ YD	7	\$25.00	\$175.00	\$23.00	\$161.00	\$64.13	\$448.91	\$70.00	\$490.00
50200100	STRUCTURE EXCAVATION	CU YD	95	\$25.00	\$2,375.00	\$20.00	\$1,900.00	\$26.47	\$2,514.65	\$36.00	\$3,420.00
50300225	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
50300255	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
50300280	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
50300300	PROTECTIVE COAT	SQ YD	95	\$5.25	\$498.75	\$5.10	\$484.50	\$3.69	\$350.55	\$6.00	\$570.00
50400305	PPC DECK BEAMS 17"	SQ FT	2072	\$80.00	\$165,760.00	\$70.00	\$145,040.00	\$88.45	\$183,268.40	\$69.00	\$142,968.00
50800205	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
50900105	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
51200957	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
51202305	DRIVING PILES	FOOT	414	\$1.00	\$414.00	\$1.00	\$414.00	\$0.01	\$4.14	\$1.00	\$414.00
51203200	TEST PILE METAL SHELLS	EACH	2	\$11,000.00	\$22,000.00	\$10,000.00	\$20,000.00	\$5,189.36	\$10,378.72	\$6,900.00	\$13,800.00
51500100	NAME PLATES	EACH	1	\$625.00	\$625.00	\$600.00	\$600.00	\$673.14	\$673.14	\$715.00	\$715.00
54213660	PRC FLARED END SECTION 15"	EACH	1	\$900.00	\$900.00	\$850.00	\$850.00	\$878.08	\$878.08	\$880.00	\$880.00
550A0070	STORM SEWERS, CL A, T1 15"	FOOT	82	\$80.00	\$6,560.00	\$75.00	\$6,150.00	\$79.26	\$6,499.32	\$77.00	\$6,314.00
550A0160	STORM 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
56100600	WATER MAIN 6"	FOOT	391	\$150.00	\$58,650.00	\$132.00	\$51,612.00	\$65.39	\$25,567.49	\$71.00	\$27,761.00
56104900	WATER 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
56200300	WATER 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
56400500	FIRE 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
56400600	FIRE 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
58100200	WATERPROOFING 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
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	115	\$5.15	\$592.25	\$5.00	\$575.00	\$10.04	\$1,154.60	\$5.00	\$575.00
59300100	CONTROLLED 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
60218400	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
60255500	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
60260100	INLETS TO BE ADJUSTED	EACH	2	\$1,750.00	\$3,500.00	\$2,500.00	\$5,000.00	\$537.18	\$1,074.36	\$500.00	\$1,000.00
60603800	COMB 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
67100100	MOBILIZATION	L SUM	1	\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00	\$34,688.41	\$34,688.41	\$9,930.00	\$9,930.00
X0000001	CONCRETE HEADWALL	L SUM	1	\$17,500.00	\$17,500.00	\$11,500.00	\$11,500.00	\$12,429.95	\$12,429.95	\$4,120.00	\$4,120.00
X0000002	SLOT DRAIN	FOOT	18	\$410.00	\$7,380.00	\$365.00	\$6,570.00	\$347.93	\$6,262.74	\$85.00	\$1,530.00
X0000003	INLET, 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
X032396	REM EXIST FLARED END SECT	EACH	1	\$275.00	\$275.00	\$265.00	\$265.00	\$406.98	\$406.98	\$500.00	\$500.00
X0323449	REMOVE 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
X6020082	INLETS, 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
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	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
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	\$5,000.00	\$5,000.00	\$4,100.00	\$4,100.00	\$11,250.00	\$11,250.00	\$9,200.00	\$9,200.00
Total =				\$710,276.50		As Read:	\$631,990.00	As Read:	\$639,142.67	As Read:	\$572,928.80
						Calculated:	\$631,990.00	Calculated:	\$639,142.67	Calculated:	\$572,949.89