

February 12, 2020

Mr. Michael A. Fowler, P.E., Director of Public Works
Town of Derry
Derry Municipal Center
14 Manning St
Derry, NH 03038



150 Dow Street
Manchester, New Hampshire 03101
603-669-5555
603-669-4168 fax
www.hoyletanner.com

Re: Bid Results
North Shore Road over Taylor Brook
Hoyle, Tanner Project No. 914710

Dear Mike:

We have reviewed the bids received for the above referenced project. A tabulation of these bids and our bid analysis is enclosed for your review. The purpose of this letter is to summarize the bid results and to make a recommendation of award.

The bids were opened at 3:00 pm on February 11, 2020. Five bid proposals were received, and the following is a summary of the results:

Engineers Estimate	<u>Total Bid:</u>	\$515,000.00
Hoyle, Tanner & Associates Inc.		
American Excavating Corp	<u>Total Bid:</u>	\$489,500.90
Busby Construction Co., Inc.	<u>Total Bid:</u>	\$535,535.00
Hansen Bridge LLC	<u>Total Bid:</u>	\$619,953.00
NorthEast Earth Mechanics, Inc.	<u>Total Bid:</u>	\$684,454.60
DeFelice Corporation	<u>Total Bid:</u>	\$781,882.10

All bids received were responsive and contained the required bid bonds in the amount of 5% of the bid price. American Excavating Corp (AEC) is the low bidder with a total bid of \$489,500.90 and 5% below the Engineer's Estimate. AEC is a well-known local contractor who has previously built other projects for the Town of Derry. We find AEC to be a competent contractor capable of performing the work for the North Shore Road project.

The AEC bid price for Item 209.201, Granular Backfill (Bridge) (F) is over 11 times higher than Engineer's Estimate. The contractor will likely construct the bridge with open cut excavation, which will require more backfill behind the bridge than specified in the contract documents. We checked the quantity of this item and did not find any errors. This pay item is a final pay quantity and its quantity is fixed and not expected to change. The only other item that is significantly different from Engineer's Estimate is Item 692, Mobilization. This item is much lower due to the fact that AEC is local in Town and has very minimal mobilization cost.

After reviewing and analyzing the bids received and local experience and capabilities of AEC, we recommend award of the project to AEC.

Should you have any questions or require further information please do not hesitate to contact the undersigned at (603) 669-5555 or jbicja@hoyletanner.com.

Very truly yours,
Hoyle, Tanner & Associates, Inc.


Josef Bicja, PE
Project Manager

Enclosures

Proposed Culvert Replacement North Shore Road Over Taylor Brook, Town of Derry, NH (#6659505)

Owner: Michael A. Fowler, Director of Public Works

Solicitor: Hoyle, Tanner & Associates, Inc. - Manchester

02/11/2020 03:00 PM EST

Line Item	Item Code	Item Description	Unit	Quantity	Engineer's Estimate		American Excavating Corp		Busby Construction Co., Inc.		Hansen Bridge LLC		NorthEast Earth Mechanics, Inc.		DeFelice Corporation	
					Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	201.882	INVASIVE SPECIES CONTROL TYPE II	SY	180	\$8.00	\$1,440.00	\$11.50	\$2,070.00	\$5.00	\$900.00	\$15.00	\$2,700.00	\$15.00	\$2,700.00	\$50.00	\$9,000.00
2	202.42	REMOVAL OF EXISTING PIPE OVER 24" DIAMETER	LF	75	\$30.00	\$2,250.00	\$83.00	\$6,225.00	\$30.00	\$2,250.00	\$700.00	\$52,500.00	\$20.00	\$1,500.00	\$50.00	\$3,750.00
3	203.1	COMMON EXCAVATION	CY	430	\$20.00	\$8,600.00	\$21.00	\$9,030.00	\$17.00	\$7,310.00	\$25.00	\$10,750.00	\$15.00	\$6,450.00	\$34.00	\$14,620.00
4	203.6	EMBANKMENT-IN-PLACE (F)	CY	13	\$20.00	\$260.00	\$41.50	\$539.50	\$20.00	\$260.00	\$100.00	\$1,300.00	\$20.00	\$260.00	\$75.00	\$975.00
5	207.3	UNCLASSIFIED CHANNEL EXCAVATION	CY	210	\$20.00	\$4,200.00	\$21.25	\$4,462.50	\$30.00	\$6,300.00	\$28.00	\$5,880.00	\$20.00	\$4,200.00	\$42.50	\$8,925.00
6	209.201	GRANULAR BACKFILL (BRIDGE) (F)	CY	29	\$50.00	\$1,450.00	\$582.00	\$16,878.00	\$330.00	\$9,570.00	\$32.00	\$928.00	\$50.00	\$1,450.00	\$210.00	\$6,090.00
7	214	FINE GRADING	U	1	\$3,000.00	\$3,000.00	\$6,820.00	\$6,820.00	\$6,500.00	\$6,500.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00
8	304.201	GRAVEL	CY	25	\$50.00	\$1,250.00	\$110.00	\$2,750.00	\$95.00	\$2,375.00	\$32.00	\$800.00	\$35.00	\$875.00	\$130.00	\$3,250.00
9	304.301	CRUSHED GRAVEL	CY	355	\$35.00	\$12,425.00	\$30.20	\$10,721.00	\$36.00	\$12,780.00	\$36.00	\$12,780.00	\$35.00	\$12,425.00	\$40.00	\$14,200.00
10	304.35	CRUSHED GRAVEL FOR DRIVES	CY	25	\$45.00	\$1,125.00	\$54.80	\$1,370.00	\$40.00	\$1,000.00	\$38.00	\$950.00	\$35.00	\$875.00	\$130.00	\$3,250.00
11	403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	225	\$120.00	\$27,000.00	\$126.00	\$28,350.00	\$130.00	\$29,250.00	\$180.00	\$40,500.00	\$175.00	\$39,375.00	\$135.00	\$30,375.00
12	403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	20	\$150.00	\$3,000.00	\$161.00	\$3,220.00	\$170.00	\$3,400.00	\$220.00	\$4,400.00	\$200.00	\$4,000.00	\$200.00	\$4,000.00
13	403.6	PAVEMENT JOINT ADHESIVE	LF	960	\$1.50	\$1,440.00	\$2.40	\$2,304.00	\$1.35	\$1,296.00	\$5.00	\$4,800.00	\$4.50	\$4,320.00	\$3.00	\$2,880.00
14	403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	5	\$200.00	\$1,000.00	\$240.00	\$1,200.00	\$175.00	\$875.00	\$300.00	\$1,500.00	\$300.00	\$1,500.00	\$350.00	\$1,750.00
15	410.22	ASPHALT EMULSION FOR TACK COAT	GAL	35	\$20.00	\$700.00	\$30.00	\$1,050.00	\$15.00	\$525.00	\$25.00	\$875.00	\$30.00	\$1,050.00	\$10.00	\$350.00
16	417	COLD PLANING BITUMINOUS SURFACES	SY	75	\$25.00	\$1,875.00	\$42.00	\$3,150.00	\$20.00	\$1,500.00	\$25.00	\$1,875.00	\$40.00	\$3,000.00	\$55.00	\$4,125.00
17	503.101	WATER DIVERSION STRUCTURE	U	1	\$30,000.00	\$30,000.00	\$38,750.00	\$38,750.00	\$42,000.00	\$42,000.00	\$67,900.00	\$67,900.00	\$29,000.00	\$29,000.00	\$125,000.00	\$125,000.00
18	503.201	COFFERDAMS	U	1	\$30,000.00	\$30,000.00	\$22,000.00	\$22,000.00	\$50,000.00	\$50,000.00	\$80,000.00	\$80,000.00	\$39,000.00	\$39,000.00	\$50,000.00	\$50,000.00
19	504.1	COMMON BRIDGE EXCAVATION (F)	CY	355	\$30.00	\$10,650.00	\$16.50	\$5,857.50	\$17.00	\$6,035.00	\$29.00	\$10,295.00	\$25.00	\$8,875.00	\$50.00	\$17,750.00
20	508	STRUCTURAL FILL	CY	53	\$50.00	\$2,650.00	\$120.00	\$6,360.00	\$72.00	\$3,816.00	\$35.00	\$1,855.00	\$50.00	\$2,650.00	\$130.00	\$6,890.00
21	520.011	CONCRETE CLASS AA WITH HIGH-RANGE WATER REDUCING ADMIXTURE	CY	15	\$1,000.00	\$15,000.00	\$715.00	\$10,725.00	\$750.00	\$11,250.00	\$1,200.00	\$18,000.00	\$1,000.00	\$15,000.00	\$400.00	\$6,000.00
22	529.002	PRECAST CONCRETE BOX CULVERT (BRIDGE)	U	1	\$165,000.00	\$165,000.00	\$138,500.00	\$138,500.00	\$120,000.00	\$120,000.00	\$150,000.00	\$150,000.00	\$319,000.00	\$319,000.00	\$250,000.00	\$250,000.00
23	534.3	WATER REPELLENT (SILANE/SILOXANE)	GAL	5	\$100.00	\$500.00	\$100.00	\$500.00	\$89.00	\$445.00	\$25.00	\$125.00	\$100.00	\$500.00	\$100.00	\$500.00
24	538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	61	\$50.00	\$3,050.00	\$53.00	\$3,233.00	\$50.00	\$3,050.00	\$35.00	\$2,135.00	\$80.00	\$4,880.00	\$130.00	\$7,930.00
25	538.5	BARRIER MEMBRANE, HEAT WELDED (F)	SY	90	\$50.00	\$4,500.00	\$53.00	\$4,770.00	\$47.00	\$4,230.00	\$45.00	\$4,050.00	\$45.00	\$4,050.00	\$44.50	\$4,005.00
26	544.7	SYNTHETIC FIBER REINFORCEMENT (F)	LB	60	\$10.00	\$600.00	\$6.00	\$360.00	\$11.00	\$660.00	\$30.00	\$1,800.00	\$10.00	\$600.00	\$45.00	\$2,700.00
27	562.1	SILICONE JOINT SEALANT (F)	LF	47	\$15.00	\$705.00	\$42.00	\$1,974.00	\$30.00	\$1,410.00	\$11.00	\$517.00	\$20.00	\$940.00	\$25.00	\$1,175.00
28	563.22	BRIDGE RAIL T2	LF	65	\$170.00	\$11,050.00	\$160.00	\$10,400.00	\$145.00	\$9,425.00	\$140.00	\$9,100.00	\$137.00	\$8,905.00	\$137.00	\$8,905.00
29	565.2229	BRIDGE APPROACH RAIL T2 (STEEL POSTS) (MODIFIED)	LF	90.2	\$400.00	\$36,080.00	\$532.00	\$47,986.40	\$475.00	\$42,845.00	\$450.00	\$40,590.00	\$448.00	\$40,409.60	\$448.00	\$40,409.60
30	583.2	RIPRAP CLASS II	CY	160	\$60.00	\$9,600.00	\$76.00	\$12,160.00	\$70.00	\$11,200.00	\$32.00	\$5,120.00	\$50.00	\$8,000.00	\$175.00	\$28,000.00
31	592.3	CONCRETE FACED RETAINING WALL SYSTEM	SF	440	\$75.00	\$33,000.00	\$74.00	\$32,560.00	\$90.00	\$39,600.00	\$52.00	\$22,880.00	\$45.00	\$19,800.00	\$50.00	\$22,000.00
32	593.411	GEOTEXTILE; PERM CONTROL CL.1, NON-WOVEN	SY	190	\$6.00	\$1,140.00	\$1.50	\$285.00	\$3.00	\$570.00	\$4.00	\$760.00	\$4.00	\$760.00	\$1.25	\$237.50
33	606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	40	\$35.00	\$1,400.00	\$21.00	\$840.00	\$35.00	\$1,400.00	\$10.00	\$400.00	\$50.00	\$2,000.00	\$10.00	\$400.00
34	609.01	STRAIGHT GRANITE CURB	LF	24	\$50.00	\$1,200.00	\$67.00	\$1,608.00	\$85.00	\$2,040.00	\$28.00	\$672.00	\$90.00	\$2,160.00	\$115.00	\$2,760.00
35	609.02	CURVED GRANITE CURB	LF	13	\$55.00	\$715.00	\$96.00	\$1,248.00	\$85.00	\$1,105.00	\$32.00	\$416.00	\$100.00	\$1,300.00	\$130.00	\$1,690.00
36	618.7	FLAGGERS	HR	80	\$35.00	\$2,800.00	\$47.50	\$3,800.00	\$37.00	\$2,960.00	\$20.00	\$1,600.00	\$50.00	\$4,000.00	\$36.00	\$2,880.00
37	619.1	MAINTENANCE OF TRAFFIC	U	1	\$5,000.00	\$5,000.00	\$12,600.00	\$12,600.00	\$8,500.00	\$8,500.00	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00	\$12,500.00	\$12,500.00
38	619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2	\$5,000.00	\$10,000.00	\$2,325.00	\$4,650.00	\$2,400.00	\$4,800.00	\$500.00	\$1,000.00	\$3,000.00	\$6,000.00	\$2,750.00	\$5,500.00
39	628.2	SAWED BITUMINOUS PAVEMENT	LF	180	\$3.00	\$540.00	\$2.50	\$450.00	\$2.00	\$360.00	\$3.00	\$540.00	\$3.00	\$540.00	\$2.00	\$360.00
40	645.0002	SEDIMENTATION BASIN	U	1	\$2,000.00	\$2,000.00	\$980.00	\$980.00	\$3,700.00	\$3,700.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$10,000.00	\$10,000.00
41	645.3	EROSION STONE	TON	10	\$35.00	\$350.00	\$80.00	\$800.00	\$55.00	\$550.00	\$40.00	\$400.00	\$35.00	\$350.00	\$75.00	\$750.00
42	645.44	TEMPORARY SLOPE MATTING TYPE D (WILDLIFE FRIENDLY)	SY	270	\$5.00	\$1,350.00	\$2.50	\$675.00	\$3.50	\$945.00	\$8.00	\$2,160.00	\$2.50	\$675.00	\$10.00	\$2,700.00
43	645.512	COMPOST SOCK FOR PERIMETER BERM	LF	260	\$5.00	\$1,300.00	\$3.30	\$858.00	\$5.25	\$1,365.00	\$3.00	\$780.00	\$5.00	\$1,300.00	\$20.00	\$5,200.00
44	645.531	SILT FENCE	LF	420	\$4.00	\$1,680.00	\$5.75	\$2,415.00	\$3.00	\$1,260.00	\$3.00	\$1,260.00	\$3.00	\$1,260.00	\$7.50	\$3,150.00
45	645.7	STORM WATER POLLUTION PREVENTION PLAN	U	1	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$2,198.00	\$2,198.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00
46	645.72	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	EA	20	\$150.00	\$3,000.00	\$90.00	\$1,800.00	\$155.00	\$3,100.00	\$75.00	\$1,500.00	\$100.00	\$2,000.00	\$500.00	\$10,000.00
47	646.51	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND LOAM	SY	460	\$10.00	\$4,600.00	\$14.60	\$6,716.00	\$8.75	\$4,025.00	\$11.00	\$5,060.00	\$12.00	\$5,520.00	\$7.50	\$3,450.00
48	692	MOBILIZATION	U	1	\$46,525.00	\$46,525.00	\$6,300.00	\$6,300.00	\$60,000.00	\$60,000.00	\$35,000.00	\$35,000.00	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00
49	697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$1,600.00	\$1,600.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00
Allowance Erosion and Sediment																
50	699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	DOLLAR	3000	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00	\$1.00	\$3,000.00
Base Bid Total:						\$515,000.00		\$489,500.90		\$535,535.00		\$619,953.00		\$684,454.60		\$781,882.10