



Otak, Inc.
371 Centennial Parkway
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Louisville, CO 80027

T:303-444-2073
otak.com

Project: LITTLE THOMPSON RIVER TRAIL

Otak No.: 19658

Project No.: TAP M690-001, SA21992

By: Scott Belonger

FINAL Quantities & Cost Estimate

Date: 9/21/2022

ITEM	CONTRACT ITEM	UNIT	UNIT COST	QUANTITY	COST
201-00000	CLEARING AND GRUBBING	L S	\$ 10,000.00	1	\$ 10,000.00
202-00010	REMOVAL OF TREE	EACH	\$ 500.00	2	\$ 1,000.00
202-00000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L S	\$ 1,500.00	1	\$ 1,500.00
203-00010	UNCLASSIFIED EXCAVATION (COMPLETE IN PLACE)	CY	\$ 30.00	1,543	\$ 46,290.00
203-01597	POTHOLING	HOURL	\$ 250.00	16	\$ 4,000.00
207-00700	TOPSOIL (ONSITE)	CY	\$ 12.00	2,292	\$ 27,504.00
207-00210	STOCKPILE TOPSOIL	CY	\$ 7.00	2,292	\$ 16,044.00
208-00002	EROSION LOG TYPE 1 (12 INCH)	LF	\$ 6.00	6,630	\$ 39,780.00
208-00045	CONCRETE WASHOUT STRUCTURE	EACH	\$ 4,000.00	2	\$ 8,000.00
208-00070	VEHICLE TRACKING PAD	EACH	\$ 3,000.00	2	\$ 6,000.00
208-00103	REMOVAL AND DISPOSAL OF SEDIMENT (LABOR)	HOURL	\$ 50.00	8	\$ 400.00
208-00105	REMOVAL AND DISPOSAL OF SEDIMENT (EQUIPMENT)	HOURL	\$ 100.00	8	\$ 800.00
208-00107	REMOVAL OF TRASH	HOURL	\$ 60.00	12	\$ 720.00
208-00207	EROSION CONTROL MANAGEMENT	DAY	\$ 400.00	15	\$ 6,000.00
212-00100	TREE RETENTION AND PROTECTION	L S	\$ 2,500.00	1	\$ 2,500.00
212-00700	ORGANIC FERTILIZER	LB	\$ 1.50	849	\$ 1,274.00
212-00701	COMPOST (MECHANICALLY APPLIED)	CY	\$ 50.00	184	\$ 9,200.00
212-00703	HUMATE	LB	\$ 2.50	509	\$ 1,273.00
212-00704	MYCORRHIZAE	LB	\$ 25.00	23	\$ 575.00
212-00706	SEEDING (NATIVE) DRILL	ACRE	\$ 1,500.00	2,8300	\$ 4,245.00
213-00004	MULCHING (WEED FREE STRAW)	ACRE	\$ 1,100.00	2,8300	\$ 3,113.00
213-00061	MULCH TACKIFIER	LB	\$ 5.00	566	\$ 2,830.00
304-06007	AGGREGATE BASE COURSE (CLASS 6)	CY	\$ 60.00	804	\$ 48,240.00
603-30018	18 INCH STEEL END SECTION	EACH	\$ 600.00	2	\$ 1,200.00
603-10180	18 INCH CORRUGATED STEEL PIPE	LF	\$ 140.00	30	\$ 4,200.00
607-01055	FENCE WIRE WITH TREATED WOODEN POSTS	LF	\$ 10.00	6,470	\$ 64,700.00
607-11525	FENCE (PLASTIC)	LF	\$ 5.00	5,720	\$ 28,600.00
608-00026	CONCRETE BIKEWAY (6 INCH)	SY	\$ 80.00	4,808	\$ 384,640.00
608-00015	DETECTABLE WARNINGS	SF	\$ 75.00	36	\$ 2,700.00
614-00011	SIGN PANEL (CLASS I)	SF	\$ 30.00	5	\$ 150.00
620-00020	SANITARY FACILITY	EACH	\$ 3,500.00	1	\$ 3,500.00
625-00000	CONSTRUCTION SURVEYING	L S	\$ 20,000.00	1	\$ 20,000.00
626-00000	MOBILIZATION	L S	\$ 50,000.00	1	\$ 50,000.00
SUBTOTAL OF MAJOR ITEMS					\$800,978
CONSTRUCTION BID ALLOWANCES					
700-70010	F/A MINOR CONTRACT REVISIONS	F A		1	\$ 50,000.00
700-70016	F/A FUEL COST ADJUSTMENT	F A		1	\$ 5,000.00
700-70023	F/A ON-THE-JOB TRAINEE	F A		1	
700-70380	F/A EROSION CONTROL	F A		1	\$ 5,000.00
SUBTOTAL OF BID ALLOWANCES					\$60,000
TOTAL BID ESTIMATE				\$	860,978
ADDITIONAL PROJECT COSTS					
SUBTOTAL OF ADDITIONAL PROJECT COSTS					\$0
TOTAL ESTIMATED PROJECT COST				\$	860,978

In providing opinions of probable construction cost, the Client understands that Otak, Inc. has no control over costs of the price of labor, equipment or materials, or over the Contractor's method of pricing, and that the opinions of probable construction costs provided herein are to be made on the basis of our qualifications and experience. Otak, Inc. make no warranty, expressed or implied, as to the accuracy of such opinions as compared to bid or actual costs.

Project: 2022 Little Thompson River Trail
TAP M690-001

CDOT Project No. 21992

Local Agency: Town of Johnstown

Summary of Contractor Bid Tabulations

Item No.	Contract Item	Unit	Quantity	L4 Construction		JAGS Enterprises		Connell Resources		Colorado Paving		NorthStar Concrete		Lawson Construction		Duran Excavating		L and M Enterprises	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
201-00000	Clearing and Grubbing	LS	1	\$20,100.00	\$20,100.00	\$9,500.00	\$9,500.00	\$13,500.00	\$13,500.00	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00	\$22,550.00	\$22,550.00	\$16,885.00	\$16,885.00	\$11,558.00	\$11,558.00
202-00010	Removal of Tree	EACH	2	\$3,600.00	\$7,200.00	\$500.00	\$1,000.00	\$3,500.00	\$7,000.00	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00	\$2,100.00	\$4,200.00	\$7,000.00	\$14,000.00	\$1,372.00	\$2,744.00
202-00000	Removal of Structures and Obstructions	LS	1	\$12,800.00	\$12,800.00	\$1,500.00	\$1,500.00	\$2,200.00	\$2,200.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$3,500.00	\$3,500.00	\$3,600.00	\$3,600.00	\$955.00	\$955.00
203-00010	Unclassified Excavation (Complete in Place)	CY	1543	\$14.80	\$22,836.40	\$25.00	\$38,575.00	\$12.70	\$19,596.10	\$42.00	\$64,806.00	\$60.00	\$92,580.00	\$38.50	\$59,405.50	\$80.00	\$123,440.00	\$31.00	\$47,833.00
203-01597	Potholing	HOURL	16	\$460.00	\$7,360.00	\$250.00	\$4,000.00	\$400.00	\$6,400.00	\$350.00	\$5,600.00	\$400.00	\$6,400.00	\$650.00	\$10,400.00	\$365.00	\$5,840.00	\$326.00	\$5,216.00
207-00700	Topsoil (onsite)	CY	2292	\$4.54	\$10,405.68	\$17.00	\$38,964.00	\$5.00	\$11,460.00	\$8.70	\$19,940.40	\$8.00	\$18,336.00	\$39.00	\$89,388.00	\$8.00	\$18,336.00	\$15.00	\$34,380.00
207-00210	Stockpile Topsoil	CY	2292	\$3.00	\$6,876.00	\$6.50	\$14,898.00	\$12.25	\$28,077.00	\$10.90	\$24,982.80	\$5.00	\$11,460.00	\$6.50	\$14,898.00	\$2.00	\$4,584.00	\$5.00	\$11,460.00
208-00002	Erosion Log Type 1 (12 inch)	LF	6630	\$4.80	\$31,824.00	\$8.00	\$53,040.00	\$5.90	\$39,117.00	\$5.00	\$33,150.00	\$4.70	\$31,161.00	\$9.00	\$59,670.00	\$5.50	\$36,465.00	\$4.00	\$26,520.00
208-00045	Concrete Washout Structure	EACH	2	\$3,200.00	\$6,400.00	\$1,500.00	\$3,000.00	\$1,400.00	\$2,800.00	\$1,000.00	\$2,000.00	\$900.00	\$1,800.00	\$3,750.00	\$7,500.00	\$3,400.00	\$6,800.00	\$1,918.00	\$3,836.00
208-00070	Vehicle Tracking Pad	EACH	2	\$3,200.00	\$6,400.00	\$1,200.00	\$2,400.00	\$2,150.00	\$4,300.00	\$3,000.00	\$6,000.00	\$2,250.00	\$4,500.00	\$5,500.00	\$11,000.00	\$3,600.00	\$7,200.00	\$2,793.00	\$5,586.00
208-00103	Removal and Disposal of Sediment (Labor)	HOURL	8	\$63.00	\$504.00	\$75.00	\$600.00	\$65.00	\$520.00	\$120.00	\$960.00	\$50.00	\$400.00	\$80.00	\$640.00	\$50.00	\$400.00	\$191.00	\$1,528.00
208-00105	Removal and Disposal of Sediment (Equipment)	HOURL	8	\$42.00	\$336.00	\$150.00	\$1,200.00	\$150.00	\$1,200.00	\$250.00	\$2,000.00	\$125.00	\$1,000.00	\$180.00	\$1,440.00	\$176.00	\$1,408.00	\$266.00	\$2,128.00
208-00107	Removal of Trash	HOURL	12	\$83.00	\$996.00	\$85.00	\$1,020.00	\$155.00	\$1,860.00	\$325.00	\$3,900.00	\$55.00	\$660.00	\$125.00	\$1,500.00	\$462.00	\$5,544.00	\$698.00	\$8,376.00
208-00207	Erosion Control Management	DAY	15	\$76.00	\$1,140.00	\$250.00	\$3,750.00	\$300.00	\$4,500.00	\$275.00	\$4,125.00	\$140.00	\$2,100.00	\$475.00	\$7,125.00	\$138.00	\$2,070.00	\$396.00	\$5,940.00
212-00100	Tree Retention and Protection	LS	1	\$2,200.00	\$2,200.00	\$1,200.00	\$1,200.00	\$5,625.00	\$5,625.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,700.00	\$5,700.00	\$4,537.00	\$4,537.00	\$12,744.00	\$12,744.00
212-00700	Organic Fertilizer	LB	849	\$2.70	\$2,292.30	\$2.60	\$2,207.40	\$0.35	\$297.15	\$2.59	\$2,198.91	\$3.00	\$2,547.00	\$1.10	\$933.90	\$2.75	\$2,334.75	\$3.00	\$2,547.00
212-00701	Compost (Mechanically applied)	CY	184	\$68.84	\$12,666.56	\$40.00	\$7,360.00	\$60.00	\$11,040.00	\$28.62	\$5,266.08	\$55.00	\$10,120.00	\$69.50	\$12,788.00	\$55.00	\$10,120.00	\$46.00	\$8,464.00
212-00703	Humate	LB	509	\$3.72	\$1,893.48	\$1.25	\$636.25	\$0.60	\$305.40	\$4.29	\$2,183.61	\$2.00	\$1,018.00	\$0.95	\$483.55	\$2.00	\$1,018.00	\$3.00	\$1,527.00
212-00704	Mycorrhize	LB	23	\$78.55	\$1,806.65	\$20.00	\$460.00	\$21.35	\$491.05	\$154.30	\$3,548.90	\$20.00	\$460.00	\$14.95	\$343.85	\$16.50	\$379.50	\$35.00	\$805.00
212-00706	Seeding (native) Drill	ACRE	2.83	\$1,789.00	\$5,062.87	\$1,500.00	\$4,245.00	\$2,300.00	\$6,509.00	\$1,236.75	\$3,500.00	\$1,500.00	\$4,245.00	\$1,450.00	\$4,103.50	\$1,430.00	\$4,046.90	\$3,435.00	\$9,721.05
213-00004	Mulching (Weed Free Straw)	ACRE	2.83	\$1,343.00	\$3,800.69	\$1,100.00	\$3,113.00	\$1,465.00	\$4,145.95	\$1,236.75	\$3,500.00	\$1,800.00	\$5,094.00	\$910.00	\$2,575.30	\$1,760.00	\$4,980.80	\$1,769.00	\$5,006.27
213-00061	Mulch Tackifier	LB	566	\$6.23	\$3,526.18	\$5.25	\$2,971.50	\$5.00	\$2,830.00	\$1.76	\$996.16	\$3.00	\$1,698.00	\$4.00	\$2,264.00	\$2.75	\$1,556.50	\$5.00	\$2,830.00
304-06007	Aggregate Base Course (Class 6)	CY	804	\$44.00	\$35,376.00	\$55.00	\$44,220.00	\$57.45	\$46,189.80	\$72.14	\$58,000.56	\$95.00	\$76,380.00	\$82.69	\$66,482.76	\$88.00	\$70,752.00	\$190.00	\$152,760.00
603-30018	18 inch steel End Section	EACH	2	\$1,151.00	\$2,302.00	\$395.00	\$790.00	\$277.00	\$554.00	\$1,000.00	\$2,000.00	\$750.00	\$1,500.00	\$1,900.00	\$3,800.00	\$880.00	\$1,760.00	\$819.00	\$1,638.00
603-10180	18 inch corrugated Steel Pipe	LF	30	\$114.00	\$3,420.00	\$90.00	\$2,700.00	\$132.00	\$3,960.00	\$95.00	\$2,850.00	\$100.00	\$3,000.00	\$315.00	\$9,450.00	\$137.00	\$4,110.00	\$110.00	\$3,300.00
607-01055	Fence Wire with Treated Wooden Post	LF	6470	\$6.83	\$44,190.10	\$8.70	\$56,289.00	\$7.50	\$48,525.00	\$7.87	\$50,918.90	\$7.50	\$48,525.00	\$8.60	\$55,642.00	\$7.80	\$50,466.00	\$11.00	\$71,170.00
607-11525	Fence (Plastic)	LF	5720	\$1.93	\$11,039.60	\$4.00	\$22,880.00	\$3.00	\$17,160.00	\$2.50	\$14,300.00	\$3.00	\$17,160.00	\$6.00	\$34,320.00	\$3.75	\$21,450.00	\$3.00	\$17,160.00
608-00026	Concrete Bikeway (6 inch)	SY	4808	\$54.40	\$261,555.20	\$64.00	\$307,712.00	\$74.25	\$356,994.00	\$60.32	\$290,018.56	\$85.00	\$408,680.00	\$66.25	\$318,530.00	\$78.00	\$375,024.00	\$103.00	\$495,224.00
608-00015	Detectable Warning	SF	36	\$71.53	\$2,575.08	\$65.00	\$2,340.00	\$57.40	\$2,066.40	\$85.00	\$3,060.00	\$50.00	\$1,800.00	\$115.00	\$4,140.00	\$72.00	\$2,592.00	\$48.00	\$1,728.00
614-00011	Sign Panel (Class 1)	SF	4.5	\$337.00	\$1,516.50	\$60.00	\$270.00	\$128.00	\$576.00	\$67.00	\$301.50	\$250.00	\$1,125.00	\$425.00	\$1,912.50	\$165.00	\$742.50	\$222.00	\$999.00
620-00020	Sanitary Facility	EACH	1	\$2,375.00	\$2,375.00	\$600.00	\$600.00	\$3,550.00	\$3,550.00	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00	\$2,650.00	\$2,650.00	\$2,200.00	\$2,200.00	\$1,464.00	\$1,464.00
625-00000	Construction Surveying	LS	1	\$30,100.00	\$30,100.00	\$9,500.00	\$9,500.00	\$18,800.00	\$18,800.00	\$12,000.00	\$12,000.00	\$22,000.00	\$22,000.00	\$20,500.00	\$20,500.00	\$22,550.00	\$22,550.00	\$42,704.00	\$42,704.00
626-00000	Mobilization	LS	1	\$56,500.00	\$56,500.00	\$30,000.00	\$30,000.00	\$33,500.00	\$33,500.00	\$76,760.00	\$76,760.00	\$50,000.00	\$50,000.00	\$65,000.00	\$65,000.00	\$93,000.00	\$93,000.00	\$46,169.00	\$46,169.00
700-70010	F/A Minor Contract Revisions	FA	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
700-70016	F/A Fuel Cost Adjustment	FA	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
700-70023	F/A On-The-Job Trainee	FA	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
700-70380	F/A Erosion Control	FA	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
	Total Bid				\$679,376.29		\$732,941.15		\$765,648.85		\$810,367.39		\$956,749.00		\$964,835.86		\$980,191.95		\$1,106,020.32

Project:

2022 Little Thompson River Trail

CDOT Project No.

TAP M690-001

Local Agency:

21992

Town of Johnstown

Contractor Bid Variance

Contractor	Bid	Total Bid Variance	% Variance
L4 Construction LLC	\$679,376.29	-	
JAGS Enterprises, Inc	\$732,941.15	\$53,564.86	7.88%
Connell Resources, Inc	\$765,648.85	\$86,272.56	12.70%
Colorado Paving	\$810,367.38	\$130,991.09	19.28%
RCD Construction, Inc	\$887,679.89	\$208,303.60	30.66%
NorthStar Concrete	\$956,749.00	\$277,372.71	40.83%
Lawson Construction Co	\$964,835.86	\$285,459.57	42.02%
Duran Excavating, Inc	\$980,191.95	\$300,815.66	44.28%
L and M Enterprises, Inc	\$1,106,020.32	\$426,644.03	62.80%

Average Bid

\$875,978.97

The main differences between the three low bidders is their unit prices for ABC and Concrete Bikeway

Item No.	Contract Item	Unit	Quantity	L4 Construction		JAGS Enterprises		Connell Resources	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
304-06007	Aggregate Base Course (Class 6)	CY	804	\$44.00	\$35,376.00	\$55.00	\$44,220.00	\$57.45	\$46,189.80
608-00026	Concrete Bikeway (6 inch)	SY	4808	\$54.40	\$261,555.20	\$64.00	\$307,712.00	\$74.25	\$356,994.00
				\$296,931.20		\$351,932.00		\$403,183.80	
Difference in ABC and Bikeway Cost				-		\$55,000.80		\$106,252.60	
Difference in Overall Bids						\$53,564.86		\$86,272.56	