

City Of Spokane
Engineering Services Department
*****Bid Tabulation*****

Project Number 2021091
Project Description Shiloh Hills Lift Station Rehabilitation and Force Main Replacement

Original Date Monday, January 23, 2023

Project Number: 2021091				Engineer's Estimate		INDUSTRIAL CONSTRUCTION OF WA		DW EXCAVATING INC		BIG SKY ID CORP		INLAND INFRASTRUCTURE	
Item No	Bid Item Description	Est Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	

Schedule Description

Tax Classification

Sales tax shall NOT be included in unit prices

Schedule 1

1	APPRENTICE UTILIZATION	1	LS	1,500.00	\$1,500.00	8,509.89	\$8,509.89	10,000.00	\$10,000.00	13,999.00	\$13,999.00	4,000.00	\$4,000.00
2	POTHOLING	5	EA	500.00	\$2,500.00	1,955.80	\$9,779.00	550.00	\$2,750.00	769.00	\$3,845.00	675.00	\$3,375.00
3	MOBILIZATION	1	LS	44,000.00	\$44,000.00	16,334.63	\$16,334.63	38,000.00	\$38,000.00	40,000.00	\$40,000.00	63,000.00	\$63,000.00
4	TREE ROOT TREATMENT	1	EA	500.00	\$500.00	776.31	\$776.31	960.00	\$960.00	1,338.00	\$1,338.00	950.00	\$950.00
5	TREE PRUNING	1	EA	300.00	\$300.00	284.65	\$284.65	350.00	\$350.00	342.00	\$342.00	350.00	\$350.00
6	REMOVAL OF STRUCTURE AND OBSTRUCTION	1	LS	25,000.00	\$25,000.00	7,548.08	\$7,548.08	12,400.00	\$12,400.00	25,048.00	\$25,048.00	70,000.00	\$70,000.00
7	REMOVE EXISTING CURB	5	LF	20.00	\$100.00	377.40	\$1,887.00	81.00	\$405.00	18.00	\$90.00	70.00	\$350.00
8	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	2	SY	250.00	\$500.00	943.51	\$1,887.02	9.50	\$19.00	102.00	\$204.00	175.00	\$350.00
9	SAWCUTTING CURB	2	EA	50.00	\$100.00	377.40	\$754.80	550.00	\$1,100.00	113.00	\$226.00	30.00	\$60.00
10	SAWCUTTING RIGID PAVEMENT	60	LFI	1.00	\$60.00	10.61	\$636.60	1.00	\$60.00	6.00	\$360.00	1.00	\$60.00
11	SAWCUTTING FLEXIBLE PAVEMENT	170	LFI	0.50	\$85.00	6.87	\$1,167.90	0.50	\$85.00	4.00	\$680.00	1.00	\$170.00
12	ROADWAY EXCAVATION INCL. HAUL	5	CY	40.00	\$200.00	150.96	\$754.80	250.00	\$1,250.00	214.00	\$1,070.00	650.00	\$3,250.00
13	REMOVE UNSUITABLE FOUNDATION MATERIAL	25	CY	40.00	\$1,000.00	137.59	\$3,439.75	30.00	\$750.00	37.00	\$925.00	75.00	\$1,875.00
14	REPLACE UNSUITABLE FOUNDATION MATERIAL	25	CY	50.00	\$1,250.00	226.82	\$5,670.50	46.00	\$1,150.00	47.00	\$1,175.00	55.00	\$1,375.00
15	CRUSHED SURFACING TOP COURSE	40	CY	50.00	\$2,000.00	89.01	\$3,560.40	180.00	\$7,200.00	60.00	\$2,400.00	245.00	\$9,800.00
16	CSTC FOR SIDEWALK AND DRIVEWAY	1	CY	200.00	\$200.00	488.95	\$488.95	390.00	\$390.00	461.00	\$461.00	820.00	\$820.00
17	HMA CL. 1/2 IN. MEDIUM TRAFFIC, 3 INCH THICK	25	SY	100.00	\$2,500.00	157.25	\$3,931.25	65.00	\$1,625.00	209.00	\$5,225.00	60.00	\$1,500.00
18	PRECAST CONCRETE VALVE VAULT 6 FT X 6 FT	1	LS	35,000.00	\$35,000.00	17,100.78	\$17,100.78	26,900.00	\$26,900.00	44,030.00	\$44,030.00	35,000.00	\$35,000.00
19	PRECAST CONCRETE WET WELL LID	1	LS	17,000.00	\$17,000.00	9,720.40	\$9,720.40	5,900.00	\$5,900.00	5,327.00	\$5,327.00	10,000.00	\$10,000.00
20	FUTURE FLOW METER VAULT	1	LS	8,000.00	\$8,000.00	6,659.72	\$6,659.72	4,300.00	\$4,300.00	6,767.00	\$6,767.00	6,500.00	\$6,500.00
21	GENERATOR CANOPY RELOCATION INCL. CONCRETE SLAB	1	LS	40,500.00	\$40,500.00	19,741.35	\$19,741.35	30,500.00	\$30,500.00	10,040.00	\$10,040.00	36,500.00	\$36,500.00
22	VALVE BOX AND COVER	2	EA	500.00	\$1,000.00	554.20	\$1,108.40	1,100.00	\$2,200.00	685.00	\$1,370.00	450.00	\$900.00
23	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	10	CY	35.00	\$350.00	132.90	\$1,329.00	43.00	\$430.00	38.00	\$380.00	75.00	\$750.00
24	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	10	CY	45.00	\$450.00	132.90	\$1,329.00	46.00	\$460.00	59.00	\$590.00	55.00	\$550.00
25	IMPORTED BACKFILL	20	CY	60.00	\$1,200.00	233.78	\$4,675.60	46.00	\$920.00	53.00	\$1,060.00	55.00	\$1,100.00
26	TRENCH SAFETY SYSTEM	1	LS	5,000.00	\$5,000.00	5,399.16	\$5,399.16	5,200.00	\$5,200.00	597.00	\$597.00	5,000.00	\$5,000.00
27	TEMPORARY ADJACENT UTILITY SUPPORT	1	LS	2,000.00	\$2,000.00	1,887.02	\$1,887.02	2,200.00	\$2,200.00	896.00	\$896.00	5,000.00	\$5,000.00
28	FROST FREE YARD HYDRANT WITH PREMISE ISOLATION	1	LS	11,500.00	\$11,500.00	11,770.67	\$11,770.67	18,100.00	\$18,100.00	11,838.00	\$11,838.00	11,050.00	\$11,050.00
29	SANITARY SEWER FORCE MAIN DI PIPE 4 IN. DIA.	84	LF	125.00	\$10,500.00	184.29	\$15,480.36	170.00	\$14,280.00	135.00	\$11,340.00	260.00	\$21,840.00
30	BYPASS SEWER PUMPING	1	LS	20,000.00	\$20,000.00	38,160.41	\$38,160.41	28,700.00	\$28,700.00	49,123.00	\$49,123.00	51,500.00	\$51,500.00

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31	PLUG VALVE 4 IN.	4	EA	1,200.00	\$4,800.00	2,337.96	\$9,351.84	2,400.00	\$9,600.00	2,424.00	\$9,696.00	1,600.00	\$6,400.00
32	FORCE MAIN BYPASS CONNECTION	1	LS	3,500.00	\$3,500.00	6,189.73	\$6,189.73	1,800.00	\$1,800.00	1,827.00	\$1,827.00	2,000.00	\$2,000.00
33	ESC LEAD	1	LS	1,000.00	\$1,000.00	3,774.04	\$3,774.04	1,000.00	\$1,000.00	1,534.00	\$1,534.00	6,750.00	\$6,750.00
34	INLET PROTECTION	4	EA	150.00	\$600.00	162.65	\$650.60	142.00	\$568.00	81.00	\$324.00	80.00	\$320.00
35	TOPSOIL TYPE A, 2 INCH THICK	200	SY	5.00	\$1,000.00	23.38	\$4,676.00	12.00	\$2,400.00	11.00	\$2,200.00	23.00	\$4,600.00
36	SEEDING AND FERTILIZING BY HAND	200	SY	2.00	\$400.00	4.02	\$804.00	2.50	\$500.00	2.00	\$400.00	7.00	\$1,400.00
37	CEMENT CONCRETE CURB	5	LF	150.00	\$750.00	282.22	\$1,411.10	224.00	\$1,120.00	515.00	\$2,575.00	340.00	\$1,700.00
38	CEMENT CONCRETE DRIVEWAY	2	SY	100.00	\$200.00	572.61	\$1,145.22	211.00	\$422.00	1,590.00	\$3,180.00	500.00	\$1,000.00
39	CHAIN LINK FENCE - 6 FT. TALL	76	LF	45.00	\$3,420.00	91.15	\$6,927.40	68.00	\$5,168.00	66.00	\$5,016.00	60.00	\$4,560.00
40	DOUBLE 16 FT. CHAIN LINK GATE	2	EA	2,500.00	\$5,000.00	1,642.98	\$3,285.96	2,000.00	\$4,000.00	996.00	\$1,992.00	1,750.00	\$3,500.00
41	PRIVACY SLATS	100	LF	25.00	\$2,500.00	8.04	\$804.00	23.00	\$2,300.00	22.00	\$2,200.00	20.00	\$2,000.00
42	TEMPORARY CONSTRUCTION FENCING	1	LS	2,000.00	\$2,000.00	2,166.50	\$2,166.50	1,900.00	\$1,900.00	1,058.00	\$1,058.00	5,750.00	\$5,750.00
43	PUMPS W/SUBMERSIBLE MOTORS INCL. PIPING, FITTING & APPURTENANCES	1	LS	50,000.00	\$50,000.00	113,640.73	\$113,640.73	106,000.00	\$106,000.00	#####	\$109,262.00	94,865.00	\$94,865.00
44	SYSTEM STARTUP AND COMMISSIONING	1	LS	3,000.00	\$3,000.00	5,494.02	\$5,494.02	3,200.00	\$3,200.00	15,556.00	\$15,556.00	3,250.00	\$3,250.00
45	NATURAL GAS SERVICE LINE/METER INCL. TRENCHING, BEDDING & BACKFILL	115	LF	65.00	\$7,475.00	151.24	\$17,392.60	65.00	\$7,475.00	99.00	\$11,385.00	32.00	\$3,680.00
46	ELECTRICAL CONDUIT AND CONDUCTORS	1	LS	93,000.00	\$93,000.00	22,077.24	\$22,077.24	25,000.00	\$25,000.00	42,624.00	\$42,624.00	25,000.00	\$25,000.00
47	STANDBY GENERATOR INCL. AUTOMATIC TRANSFER SWITCH	1	LS	115,000.00	\$115,000.00	29,916.84	\$29,916.84	37,000.00	\$37,000.00	47,917.00	\$47,917.00	32,500.00	\$32,500.00
48	MAIN DISCONNECT PANEL	1	LS	8,500.00	\$8,500.00	2,170.56	\$2,170.56	2,700.00	\$2,700.00	4,667.00	\$4,667.00	2,500.00	\$2,500.00
49	DUPLEX PUMP CONTROL PANEL	1	LS	42,500.00	\$42,500.00	25,283.83	\$25,283.83	31,500.00	\$31,500.00	23,955.00	\$23,955.00	27,500.00	\$27,500.00
50	208 V POWER SERVICE, AVISTA PROVIDED	1	LS	12,300.00	\$12,300.00	8,701.90	\$8,701.90	10,800.00	\$10,800.00	3,372.00	\$3,372.00	9,500.00	\$9,500.00
51	LIGHTING PANEL	1	LS	5,500.00	\$5,500.00	3,051.41	\$3,051.41	3,800.00	\$3,800.00	4,300.00	\$4,300.00	3,250.00	\$3,250.00
52	TELEMETRY PANEL	1	LS	6,500.00	\$6,500.00	24,627.60	\$24,627.60	30,600.00	\$30,600.00	22,275.00	\$22,275.00	25,000.00	\$25,000.00
53	MISCELLANEOUS ELECTRICAL EQUIPMENT	1	LS	16,000.00	\$16,000.00	9,254.63	\$9,254.63	11,500.00	\$11,500.00	19,787.00	\$19,787.00	10,000.00	\$10,000.00
54	LEVEL CONTROL SWITCHES	3	EA	1,100.00	\$3,300.00	330.88	\$992.64	1,200.00	\$3,600.00	572.00	\$1,716.00	1,050.00	\$3,150.00
55	LEVEL TRANSMITTER	1	EA	5,500.00	\$5,500.00	4,500.52	\$4,500.52	5,600.00	\$5,600.00	11,138.00	\$11,138.00	5,000.00	\$5,000.00
56	CLEANING EXISTING DRAINAGE STRUCTURE	3	EA	500.00	\$1,500.00	1,233.31	\$3,699.93	400.00	\$1,200.00	405.00	\$1,215.00	800.00	\$2,400.00
57	CLEANING EXISTING SANITARY SEWER	1	EA	750.00	\$750.00	2,587.69	\$2,587.69	900.00	\$900.00	2,431.00	\$2,431.00	800.00	\$800.00
58	WEED SPRAYING AND CONTROL	2	EA	300.00	\$600.00	258.77	\$517.54	400.00	\$800.00	249.00	\$498.00	1,075.00	\$2,150.00
Bid Total					\$630,890.00		\$516,869.47		\$531,037.00		\$594,846.00		\$637,500.00

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Project Number 2021091

Project Description Shiloh Hills Lift Station Rehabilitation and Force Main Replacement

Original Date

Monday, January 23, 2023

Project Number: 2021091			Engineer's Estimate		INDUSTRIAL CONSTRUCTION OF WA		DW EXCAVATING INC		BIG SKY ID CORP		INLAND INFRASTRUCTURE		
Item No	Bid Item Description	Est Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
Schedule Description				Tax Classification									
Schedule 2				Sales tax shall NOT be included in unit prices									
1	APPRENTICE UTILIZATION	1	LS	1,000.00	\$1,000.00	4,830.08	\$4,830.08	7,500.00	\$7,500.00	13,999.00	\$13,999.00	10,000.00	\$10,000.00
2	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1	EST	1.00	\$1.00	1.00	\$1.00	1.00	\$1.00	1.00	\$1.00	1.00	\$1.00
3	SPCC PLAN	1	LS	500.00	\$500.00	418.86	\$418.86	750.00	\$750.00	2,489.00	\$2,489.00	600.00	\$600.00
4	POTHOLING	16	EA	500.00	\$8,000.00	767.51	\$12,280.16	550.00	\$8,800.00	769.00	\$12,304.00	675.00	\$10,800.00
5	MOBILIZATION	1	LS	22,000.00	\$22,000.00	13,273.85	\$13,273.85	25,000.00	\$25,000.00	5,000.00	\$5,000.00	33,000.00	\$33,000.00
6	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	25,000.00	\$25,000.00	16,494.71	\$16,494.71	10,000.00	\$10,000.00	14,124.00	\$14,124.00	20,000.00	\$20,000.00
7	TYPE III BARRICADE	10	EA	150.00	\$1,500.00	103.51	\$1,035.10	130.00	\$1,300.00	124.00	\$1,240.00	125.00	\$1,250.00
8	TREE ROOT TREATMENT	1	EA	500.00	\$500.00	776.31	\$776.31	960.00	\$960.00	1,338.00	\$1,338.00	950.00	\$950.00
9	TREE PROTECTION ZONE	1	EA	800.00	\$800.00	284.65	\$284.65	350.00	\$350.00	404.00	\$404.00	350.00	\$350.00
10	TREE PRUNING	8	EA	300.00	\$2,400.00	284.65	\$2,277.20	350.00	\$2,800.00	342.00	\$2,736.00	350.00	\$2,800.00
11	REMOVE EXISTING CURB	200	LFI	20.00	\$4,000.00	13.96	\$2,792.00	6.00	\$1,200.00	20.00	\$4,000.00	12.50	\$2,500.00
12	REMOVE CEMENT CONCRETE SIDEWALK AND	10	10	25.00	\$250.00	139.56	\$1,395.60	23.00	\$230.00	5.00	\$50.00	48.00	\$480.00
13	SAWCUTTING CURB	4	EA	50.00	\$200.00	174.45	\$697.80	32.00	\$128.00	113.00	\$452.00	30.00	\$120.00
14	SAWCUTTING RIGID PAVEMENT	20	LFI	1.00	\$20.00	34.89	\$697.80	1.00	\$20.00	23.00	\$460.00	1.00	\$20.00
15	SAWCUTTING FLEXIBLE PAVEMENT	2300	LFI	0.50	\$1,150.00	1.58	\$3,634.00	0.50	\$1,150.00	3.00	\$6,900.00	1.00	\$2,300.00
16	ROADWAY EXCAVATION INCL. HAUL	260	CY	40.00	\$10,400.00	26.84	\$6,978.40	35.00	\$9,100.00	84.00	\$21,840.00	75.00	\$19,500.00
17	REMOVE UNSUITABLE FOUNDATION	75	CY	40.00	\$3,000.00	69.78	\$5,233.50	30.00	\$2,250.00	38.00	\$2,850.00	75.00	\$5,625.00
18	REPLACE UNSUITABLE FOUNDATION	75	CY	50.00	\$3,750.00	120.88	\$9,066.00	46.00	\$3,450.00	45.00	\$3,375.00	55.00	\$4,125.00
19	CRUSHED SURFACING TOP COURSE	150	CY	50.00	\$7,500.00	54.97	\$8,245.50	176.00	\$26,400.00	76.00	\$11,400.00	128.00	\$19,200.00
20	CSTC FOR SIDEWALK AND DRIVEWAYS	2	CY	200.00	\$400.00	230.22	\$460.44	390.00	\$780.00	231.00	\$462.00	350.00	\$700.00
21	HMA CL. 1/2 IN. MEDIUM TRAFFIC, 3 INCH	1300	SY	30.00	\$39,000.00	28.06	\$36,478.00	25.00	\$32,500.00	29.00	\$37,700.00	22.00	\$28,600.00
22	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1	EST	1.00	\$1.00	1.00	\$1.00	1.00	\$1.00	1.00	\$1.00	1.00	\$1.00
23	COMPACTION PRICE ADJUSTMENT	1	EST	1.00	\$1.00	1.00	\$1.00	1.00	\$1.00	1.00	\$1.00	1.00	\$1.00
24	CONNECT 4 IN DIA PIPE TO EXISTING CB, DW,	1	EA	2,500.00	\$2,500.00	2,093.38	\$2,093.38	490.00	\$490.00	2,279.00	\$2,279.00	1,200.00	\$1,200.00
25	ADJUST EXISTING VALVE BOX , MON OR CO IN	3	EA	250.00	\$750.00	988.40	\$2,965.20	800.00	\$2,400.00	486.00	\$1,458.00	750.00	\$2,250.00
26	ADJUST EXISTING MH, CB, DW, OR INLET IN	3	EA	750.00	\$2,250.00	930.39	\$2,791.17	950.00	\$2,850.00	375.00	\$1,125.00	750.00	\$2,250.00
27	RECONSTRUCT 4 IN. MH INVERT	1	EA	4,500.00	\$4,500.00	1,210.68	\$1,210.68	2,200.00	\$2,200.00	364.00	\$364.00	4,500.00	\$4,500.00
28	REMOVE UNSUITABLE PIPE FOUNDATION	75	CY	35.00	\$2,625.00	46.52	\$3,489.00	42.00	\$3,150.00	50.00	\$3,750.00	75.00	\$5,625.00
29	REPLACE UNSUITABLE PIPE FOUNDATION	75	CY	45.00	\$3,375.00	106.96	\$8,022.00	46.00	\$3,450.00	65.00	\$4,875.00	55.00	\$4,125.00
30	IMPORTED BACKFILL	100	CY	60.00	\$6,000.00	123.32	\$12,332.00	46.00	\$4,600.00	71.00	\$7,100.00	55.00	\$5,500.00

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31	TRENCH SAFETY SYSTEM	1	LS	5,000.00	\$5,000.00	7,095.26	\$7,095.26	7,000.00	\$7,000.00	597.00	\$597.00	10,000.00	\$10,000.00
32	TEMPORARY ADJACENT UTILITY SUPPORT	1	LS	5,000.00	\$5,000.00	697.79	\$697.79	2,200.00	\$2,200.00	896.00	\$896.00	10,000.00	\$10,000.00
33	ENCASE WATER/SEWER AT CROSSING	5	EA	2,500.00	\$12,500.00	2,108.84	\$10,544.20	3,100.00	\$15,500.00	1,930.00	\$9,650.00	1,400.00	\$7,000.00
34	SANITARY SEWER FORCE MAIN DI PIPE 4 IN.	720	LFI	140.00	\$100,800.00	85.69	\$61,696.80	114.00	\$82,080.00	86.00	\$61,920.00	120.00	\$86,400.00
35	ESC LEAD	1	LS	3,000.00	\$3,000.00	761.73	\$761.73	2,100.00	\$2,100.00	767.00	\$767.00	8,000.00	\$8,000.00
36	INLET PROTECTION	8	EA	150.00	\$1,200.00	169.70	\$1,357.60	120.00	\$960.00	81.00	\$648.00	80.00	\$640.00
37	CEMENT CONCRETE CURB	200	LFI	150.00	\$30,000.00	69.20	\$13,840.00	55.00	\$11,000.00	70.00	\$14,000.00	55.00	\$11,000.00
38	CEMENT CONCRETE DRIVEWAY	8	SY	100.00	\$800.00	280.72	\$2,245.76	104.00	\$832.00	398.00	\$3,184.00	170.00	\$1,360.00
39	CLASSIFICATION AND PROTECTION OF	1	LS	4,000.00	\$4,000.00	121.07	\$121.07	7,770.00	\$7,770.00	7,467.00	\$7,467.00	6,500.00	\$6,500.00
40	CLEANING EXISTING DRAINAGE STRUCTURE	2	EA	500.00	\$1,000.00	878.03	\$1,756.06	400.00	\$800.00	405.00	\$810.00	800.00	\$1,600.00
41	CLEANING EXISTING SANITARY SEWER	5	EA	750.00	\$3,750.00	585.36	\$2,926.80	900.00	\$4,500.00	486.00	\$2,430.00	800.00	\$4,000.00
Bid Total				\$320,423.00		\$263,299.46		\$288,553.00		\$266,446.00		\$334,873.00	

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SCHEDULE SUMMARY

	<i>Sched 1</i>	<i>Sched 2</i>	<i>Sched 3</i>	<i>Sched 4</i>	<i>Sched 5</i>	<i>Sched 6</i>	<i>Total</i>
ENGINEER'S ESTIMATE	\$630,890.00	\$320,423.00	0.00	0.00	0.00	0.00	\$951,313.00
INDUSTRIAL CONSTRUCTION OF WA	\$516,869.47	\$263,299.46	0.00	0.00	0.00	0.00	\$780,168.93
DW EXCAVATING INC	\$531,037.00	\$288,553.00	0.00	0.00	0.00	0.00	\$819,590.00
BIG SKY ID CORP	\$594,846.00	\$266,446.00	0.00	0.00	0.00	0.00	\$861,292.00
INLAND INFRASTRUCTURE	\$637,500.00	\$334,873.00	0.00	0.00	0.00	0.00	\$972,373.00

Low Bid Contractor: INDUSTRIAL CONSTRUCTION OF WA

	<i>Contractor's Bid</i>	<i>Engineer's Estimate</i>	<i>% Variance</i>
<i>Schedule 01</i>	850,384.13	1,036,931.17	17.99 % Under Estimate
<i>Schedule 03</i>	0.00	0.00	% Under Estimate
<i>Bid Totals</i>	<hr/> 850,384.13	<hr/> 1,036,931.17	<hr/> 17.99 % Under Estimate