

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

Project Number **2017108**

Project Description High System Reservoir

Original Date

5/1/2023 3:56:00 PM

Project Number: 2017108			Engineer's Estimate		LANDMARK STUCTURES (Submitted)		CB&I STORAGE SOLUTIONS (Submitted)	
Item No	Bid Item Description	Est Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Tax Classification

Schedule 01

Sales tax shall be included in unit prices

1	ROADWAY EXCAVATION INCL. HAUL	943 CY	20.00	18,860.00	33.00	\$31,119.00	82.75	\$78,033.25
2	PREPARATION OF UNTREATED ROADWAY	2830 SY	4.00	11,320.00	3.00	\$8,490.00	6.71	\$18,989.30
3	REMOVE UNSUITABLE FOUNDATION MATERIAL	100 CY	20.00	2,000.00	40.00	\$4,000.00	44.73	\$4,473.00
4	REPLACE UNSUITABLE FOUNDATION MATERIAL	100 CY	30.00	3,000.00	46.00	\$4,600.00	55.91	\$5,591.00
5	CRUSHED SURFACING TOP COURSE	472 CY	50.00	23,600.00	65.00	\$30,680.00	103.99	\$49,083.28
6	HMA CL. 1/2 IN. MEDIUM TRAFFIC, 6 INCH THICK	2830 SY	32.00	90,560.00	47.00	\$133,010.00	49.20	\$139,236.00
7	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. HEAVY TRAFFIC, 6 INCH THICK	242 SY	50.00	12,100.00	88.00	\$21,296.00	58.15	\$14,072.30
8	PAVEMENT REPAIR EXCAVATION INCL. HAUL	242 SY	40.00	9,680.00	40.00	\$9,680.00	0.00	\$0.00
9	COMPACTION PRICE ADJUSTMENT	1 EST	4,500.00	4,500.00	4,500.00	\$4,500.00	4,500.00	\$4,500.00
10	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 EST	(1.00)	(1.00)	(1.00)	(\$1.00)	(1.00)	(\$1.00)

Tax Classification

Schedule 02

Sales tax shall NOT be included in unit prices

11	ADA FEATURES SURVEYING	1 LS	2,000.00	2,000.00	500.00	\$500.00	3,354.63	\$3,354.63
12	RECORD DRAWINGS	1 LS	10,000.00	10,000.00	10,000.00	\$10,000.00	10,649.63	\$10,649.63
13	APPRENTICE UTILIZATION	1 LS	20,000.00	20,000.00	5,000.00	\$5,000.00	94,621.94	\$94,621.94
14	REIMBURSEMENT OF THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	\$1.00	1.00	\$1.00
15	SPCC PLAN	1 LS	2,500.00	2,500.00	1,500.00	\$1,500.00	6,230.03	\$6,230.03
16	POTHOLING	2 EA	1,000.00	2,000.00	750.00	\$1,500.00	1,667.32	\$3,334.64

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<i>Item No</i>	<i>Bid Item Description</i>	<i>Est Qty</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>
17	PUBLIC LIAISON REPRESENTATIVE	1 LS	34,506.00	34,506.00	54,000.00	\$54,000.00	11,787.84	\$11,787.84
18	TYPE B PROGRESS SCHEDULE	1 LS	5,000.00	5,000.00	10,000.00	\$10,000.00	63,143.87	\$63,143.87
19	MOBILIZATION	1 LS	908,000.00	908,000.00	100,000.00	\$100,000.00	1,129,600.00	\$1,129,600.00
20	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	60,000.00	60,000.00	25,000.00	\$25,000.00	105,111.82	\$105,111.82
21	WORK ZONE SAFETY CONTINGENCY	5000 FA	1.00	5,000.00	1.00	\$5,000.00	1.00	\$5,000.00
22	SPECIAL SIGNS	484 SF	25.00	12,100.00	20.00	\$9,680.00	22.36	\$10,822.24
23	TYPE III BARRICADE	25 EA	120.00	3,000.00	100.00	\$2,500.00	139.78	\$3,494.50
24	CLEARING AND GRUBBING	1 LS	20,000.00	20,000.00	20,000.00	\$20,000.00	106,230.03	\$106,230.03
25	TREE ROOT TREATMENT	28 EA	350.00	9,800.00	1,000.00	\$28,000.00	922.52	\$25,830.56
26	TREE PROTECTION ZONE	33 EA	400.00	13,200.00	350.00	\$11,550.00	335.46	\$11,070.18
27	SITE TREE REMOVAL	1 LS	60,000.00	60,000.00	33,000.00	\$33,000.00	86,102.24	\$86,102.24
28	TREE PRUNING	13 EA	350.00	4,550.00	350.00	\$4,550.00	335.46	\$4,360.98
29	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	10,000.00	10,000.00	3,000.00	\$3,000.00	93,929.71	\$93,929.71
30	REMOVE EXISTING CURB	120 LF	15.00	1,800.00	10.00	\$1,200.00	15.65	\$1,878.00
31	REMOVE EXISTING CURB AND GUTTER	8 LF	15.00	120.00	10.00	\$80.00	44.73	\$357.84
32	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	95 SY	30.00	2,850.00	20.00	\$1,900.00	22.36	\$2,124.20
33	REMOVE MANHOLE, CATCH BASIN, OR DRYWELL	1 EA	600.00	600.00	1,000.00	\$1,000.00	1,062.30	\$1,062.30
34	REMOVE EXISTING ≥ 30 IN. TO ≤ 42 IN. DIA. PIPE	20 LF	30.00	600.00	75.00	\$1,500.00	195.26	\$3,905.20
35	SAWCUTTING CURB	10 EA	45.00	450.00	60.00	\$600.00	223.64	\$2,236.40
36	SAWCUTTING RIGID PAVEMENT	300 LFI	1.50	450.00	5.00	\$1,500.00	8.95	\$2,685.00
37	SAWCUTTING FLEXIBLE PAVEMENT	1700 LFI	1.20	2,040.00	2.00	\$3,400.00	5.03	\$8,551.00
38	CRUSHED SURFACING TOP COURSE	50 CY	55.00	2,750.00	178.00	\$8,900.00	134.19	\$6,709.50

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39	CSTC FOR SIDEWALK AND DRIVEWAYS	6 CY	180.00	1,080.00	75.00	\$450.00	167.73	\$1,006.38
40	BALLAST	6 CY	70.00	420.00	90.00	\$540.00	391.37	\$2,348.22
41	ADJUST EXISTING VALVE BOX, MON, OR CO IN ASPHALT	2 EA	500.00	1,000.00	1,250.00	\$2,500.00	1,230.03	\$2,460.06
42	ADJUST EXISTING MH, CB, DW, OR INLET IN ASPHALT	9 EA	500.00	4,500.00	1,200.00	\$10,800.00	1,341.85	\$12,076.65
43	CLEANING EXISTING DRAINAGE STRUCTURE	6 EA	800.00	4,800.00	500.00	\$3,000.00	1,118.21	\$6,709.26
44	EXTRA WORK ALLOWANCE FOR ROCK EXCAVATION - TRENCHES	675 CY	120.00	81,000.00	110.00	\$74,250.00	190.10	\$128,317.50
45	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	80 CY	60.00	4,800.00	45.00	\$3,600.00	55.91	\$4,472.80
46	IMPORTED BACKFILL	340 CY	50.00	17,000.00	50.00	\$17,000.00	72.68	\$24,711.20
47	TRENCH SAFETY SYSTEM	1 LS	4,000.00	4,000.00	5,000.00	\$5,000.00	9,616.61	\$9,616.61
48	CATCH BASIN DI SEWER PIPE 8 IN. DIA.	83 LF	70.00	5,810.00	90.00	\$7,470.00	138.66	\$11,508.78
49	CONNECT 8 IN. DIA. PIPE TO EXISTING CB, DW, OR MH	5 EA	500.00	2,500.00	130.00	\$650.00	894.57	\$4,472.85
50	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	1,200.00	1,200.00	3,000.00	\$3,000.00	12,300.32	\$12,300.32
51	CLEANING EXISTING SANITARY SEWERS	1 EA	1,100.00	1,100.00	1,000.00	\$1,000.00	1,062.30	\$1,062.30
52	DI PIPE FOR WATER MAIN 8 IN. DIA.	670 LF	70.00	46,900.00	100.00	\$67,000.00	136.42	\$91,401.40
53	DI PIPE FOR WATER MAIN 24 IN. DIA.	50 LF	250.00	12,500.00	600.00	\$30,000.00	559.11	\$27,955.50
54	DI PIPE FOR WATER MAIN 30 IN. DIA.	805 LF	300.00	241,500.00	600.00	\$483,000.00	763.18	\$614,359.90
55	BLOWOFF ASSEMBLY (Y-105A)	1 EA	4,500.00	4,500.00	12,500.00	\$12,500.00	27,955.27	\$27,955.27
56	BUTTERFLY VALVE 30 IN.	1 EA	12,000.00	12,000.00	26,500.00	\$26,500.00	31,969.65	\$31,969.65
57	COMB. AIR RELEASE/AIR VAC. VALVE ASSEMBLY	1 EA	3,800.00	3,800.00	8,000.00	\$8,000.00	15,319.49	\$15,319.49
58	TRENCH EXC. FOR WATER SERVICE TAP	170 LF	50.00	8,500.00	40.00	\$6,800.00	118.53	\$20,150.10

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59	SIDE SEWER PIPE 4 IN. DIA.	142 LF	50.00	7,100.00	80.00	\$11,360.00	133.07	\$18,895.94
60	SIDE SEWER PERMIT	1 EA	40.00	40.00	250.00	\$250.00	560.17	\$560.17
61	SEWER CLEANOUT	1 EA	500.00	500.00	500.00	\$500.00	670.93	\$670.93
62	ESC LEAD	1 LS	3,500.00	3,500.00	22,500.00	\$22,500.00	16,336.53	\$16,336.53
63	INLET PROTECTION	8 EA	150.00	1,200.00	400.00	\$3,200.00	134.19	\$1,073.52
64	LANDSCAPING REPAIR	1 LS	10,000.00	10,000.00	11,500.00	\$11,500.00	1,789.14	\$1,789.14
65	2 INCH CALIPER DECIDUOUS TREE	5 EA	350.00	1,750.00	1,250.00	\$6,250.00	670.93	\$3,354.65
66	8 TO 10 FT. HEIGHT EVERGREEN TREE	30 EA	700.00	21,000.00	1,550.00	\$46,500.00	801.38	\$24,041.40
67	REMOVE AND REPLACE EXISTING SPRINKLER HEADS AND LINES	1 LS	2,000.00	2,000.00	13,500.00	\$13,500.00	3,913.74	\$3,913.74
68	CEMENT CONCRETE CURB	120 LF	30.00	3,600.00	80.00	\$9,600.00	58.15	\$6,978.00
69	CEMENT CONCRETE CURB AND GUTTER	8 LF	30.00	240.00	110.00	\$880.00	111.82	\$894.56
70	CEMENT CONCRETE DRIVEWAY	25 SY	85.00	2,125.00	170.00	\$4,250.00	181.15	\$4,528.75
71	MODIFY FENCING	1 LS	30,000.00	30,000.00	20,000.00	\$20,000.00	14,499.84	\$14,499.84
72	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	3,000.00	3,000.00	8,000.00	\$8,000.00	10,051.12	\$10,051.12
73	REFERENCE AND REESTABLISH SURVEY MONUMENT	2 EA	1,200.00	2,400.00	750.00	\$1,500.00	3,354.63	\$6,709.26
74	CEMENT CONCRETE SIDEWALK	70 SY	80.00	5,600.00	100.00	\$7,000.00	111.82	\$7,827.40
75	RAMP DETECTABLE WARNING	16 SF	30.00	480.00	50.00	\$800.00	55.91	\$894.56
76	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1 LS	2,500.00	2,500.00	2,500.00	\$2,500.00	7,614.48	\$7,614.48
77	VEHICLE GATE	1 EA	7,000.00	7,000.00	5,000.00	\$5,000.00	2,928.65	\$2,928.65
78	COMPOSITE ELEVATED TANK	1 LS	11,000,000.00	11,000,000.00	7,592,000.00	\$7,592,000.00	5,610,426.53	\$5,610,426.53
79	SITE PLUMBING	1 LS	60,000.00	60,000.00	9,615.00	\$9,615.00	243,683.71	\$243,683.71

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80	MISCELLANEOUS APPURTENANCES	1 LS	40,000.00	40,000.00	20,000.00	\$20,000.00	0.00	\$0.00
81	ELECTRICAL, LIGHTING, AND COMMUNICATION SYSTEMS	1 LS	50,000.00	50,000.00	175,000.00	\$175,000.00	190,228.82	\$190,228.82
82	RESERVOIR AND STRUCTURE COATING	1 LS	800,000.00	800,000.00	515,000.00	\$515,000.00	1,949,758.58	\$1,949,758.58
Bid Total			\$13,881,881.00		\$9,842,000.00		\$11,295,996.93	

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SCHEDULE SUMMARY

	<i>Sched 1</i>	<i>Sched 2</i>	<i>Sched 3</i>	<i>Sched 4</i>	<i>Total</i>
ENGINEER'S ESTIMATE	175,619.00	13,706,262.00	0.00	0.00	13,881,881.00
LANDMARK STUCTURES (Submitted)	247,374.00	9,594,626.00	0.00	0.00	9,842,000.00
CB&I STORAGE SOLUTIONS (Submitted)	313,977.13	10,982,019.80	0.00	0.00	11,295,996.93

Low Bid Contractor: LANDMARK STUCTURES

	<i>Contractor's Bid</i>	<i>Engineer's Estimate</i>	<i>% Variance</i>
<i>Schedule 01</i>	247,374.00	175,619.00	40.86 % Over Estimate
<i>Schedule 02</i>	9,594,626.00	13,706,262.00	30.00 % Under Estimate
<i>Schedule 03</i>	0.00	0.00	% Under Estimate
<i>Schedule 04</i>	0.00	0.00	% Under Estimate
<i>Bid Totals</i>	<u>9,842,000.00</u>	<u>13,881,881.00</u>	<u>29.10 % Under Estimate</u>