

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

Project Number
Project Description

2018099
Well Electric Wellfield Feasibility Stu

				<i>Engineer's Estimate</i>		HOLT SERVICES, INC.	
<i>Item No</i>	<i>Bid Item Description</i>	<i>Est Qty</i>	<i>Unit</i>	<i>Amount</i>	<i>Unit</i>	<i>Amount</i>	<i>Unit</i>
		<i>Price</i>			<i>Price</i>		
Tax Classification							
Sales tax shall NOT be included in							
D1-1	APPRENTICE UTILIZATION	1	LS	7500	\$7,500.00	0	\$0.00
D1-2	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1	LS	5000	\$5,000.00	1	\$1.00
1	MOBILIZATION AND DEMOBILIZATION	1	LS	40000	\$40,000.00	70000	\$70,000.00
2	EROSION AND SEDIMENT CONTROL	2	EA	2500	\$5,000.00	1500	\$3,000.00
3	WATER MANAGEMENT CONTROL	2	EA	2500	\$5,000.00	1500	\$3,000.00
4	SPILL PREVENTION, CONTROL, AND COUNTERMEASURES PLAN	2	LS	2500	\$5,000.00	1500	\$3,000.00
5	BOREHOLE DRILLING	800	LF	200	\$160,000.00	235	\$188,000.00
6	EXPLORATORY DRILLING	400	LF	200	\$80,000.00	265	\$106,000.00
7	MONITORING WELL CASING, FURNISH AND INSTALL	760	LF	35	\$26,600.00	50	\$38,000.00
8	WELL SCREEN, FURNISH AND INSTALL	40	LF	150	\$6,000.00	150	\$6,000.00
9	GRAVEL BACKFILL, FURNISH AND INSTALL	400	LF	25	\$10,000.00	25	\$10,000.00
10	WELL DEVELOPMENT	16	HR	1000	\$16,000.00	1000	\$16,000.00
11	FINE TRANSITION SAND, FURNISH AND INSTALL	20	LF	35	\$700.00	35	\$700.00
12	BENTONITE GROUT SLURRY, FURNISH AND PLACE	616	LF	40	\$24,640.00	40	\$24,640.00
13	BENTONITE CHIP SEAL, FURNISH AND PLACE	118	LF	30	\$3,540.00	30	\$3,540.00
14	WELL MONUMENT AND SURFACE COMPLETION	2	EA	2500	\$5,000.00	750	\$1,500.00
A1-1	MOBILIZATION AND DEMOBILIZATION	1	LS	10000	\$10,000.00	8000	\$8,000.00
A1-2	BOREHOLE DRILLING	175	LF	200	\$35,000.00	150	\$26,250.00
A1-3	MONITORING WELL CASING, FURNISH AND INSTALL	155	LF	35	\$5,425.00	35	\$5,425.00
A1-4	WELL SCREEN, FURNISH AND INSTALL	20	LF	150	\$3,000.00	150	\$3,000.00
A1-5	WELL DEVELOPMENT	8	HR	1000	\$8,000.00	1000	\$8,000.00
A1-6	GRAVEL BACKFILL, FURNISH AND INSTALL	20	LF	25	\$500.00	20	\$400.00
A1-7	FINE TRANSITION SAND, FURNISH AND INSTALL	10	LF	35	\$350.00	30	\$300.00
A1-8	BENTONITE GROUT SLURRY, FURNISH AND PLACE	96	LF	40	\$3,840.00	35	\$3,360.00
A1-9	BENTONITE CHIP SEAL, FURNISH AND PLACE	44	LF	30	\$1,320.00	25	\$1,100.00
A1-10	WELL MONUMENT AND SURFACE COMPLETION	1	LS	2500	\$2,500.00	750	\$750.00
A2-1	MOBILIZATION AND DEMOBILIZATION	1	LS	90000	\$90,000.00	221038	\$221,038.00
A2-2	SURFACE SEAL	175	LF	625	\$109,375.00	1634	\$285,950.00
A2-3	20-INCH BOREHOLE DRILLING	230	LF	850	\$195,500.00	1248	\$287,040.00
A2-4	DRIVE SHOE CUT	2	EA	7500	\$15,000.00	12411	\$24,822.00
A2-5	20-INCH PERMANENT WELL CASING	408	LF	275	\$112,200.00	188	\$76,704.00
A2-6	PLUMBNESS AND ALIGNMENT TEST	1	LS	7500	\$7,500.00	11519	\$11,519.00
A2-7	WELL SCREEN ASSEMBLY, FURNISH AND INSTALL 16-INCH CASING BLANK	80	LF	275	\$22,000.00	239	\$19,120.00
A2-8	WELL SCREEN ASSEMBLY, FURNISH AND INSTALL 16-INCH PIPE-SIZE WELL SCREEN	135	LF	650	\$87,750.00	557	\$75,195.00
A2-9	FILTER PACK ENVELOPE, FURNISH AND PLACE	215	LF	325	\$69,875.00	319	\$68,585.00
A2-10	WELL DEVELOPMENT, ZONAL IMPULSE GENERATION	40	HR	1250	\$50,000.00	1425	\$57,000.00
A2-11	WELL DEVELOPMENT, TEST PUMP	8	HR	575	\$4,600.00	700	\$5,600.00
A2-12	WELL VIDEO SURVEY	1	LS	2500	\$2,500.00	3200	\$3,200.00
A2-13	WELL DIRECTION	1	LS	7500	\$7,500.00	16107	\$16,107.00

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A2-14	WELL SURFACE COMPLETION	1	LS	7500	\$7,500.00	2321	\$2,321.00
A2-15	STANDBY TIME	4	HR	850	\$3,400.00	1150	\$4,600.00
A2-16	AUTHORIZED HOURLY WORK	4	HR	850	\$3,400.00	1300	\$5,200.00
A3-1	FURNISH, INSTALL, AND REMOVE TEST PUMP AND	1	LS	60000	\$60,000.00	28009	\$28,009.00
A3-2	FURNISH, INSTALL, AND REMOVE DISCHARGE PIPE	250	LF	125	\$31,250.00	97	\$24,250.00
A3-3	TEST PUMPING	56	HR	575	\$32,200.00	685	\$38,360.00
A4-1	MOBILIZATION AND DEMOBILIZATION	1	LS	10000	\$10,000.00	8000	\$8,000.00
A4-2	BOREHOLE DRILLING	175	LF	200	\$35,000.00	150	\$26,250.00
A4-3	MONITORING WELL CASING, FURNISH AND INSTALL	155	LF	35	\$5,425.00	35	\$5,425.00
A4-4	WELL SCREEN, FURNISH AND INSTALL	20	LF	150	\$3,000.00	150	\$3,000.00
A4-5	WELL DEVELOPMENT	8	HR	1000	\$8,000.00	1000	\$8,000.00
A4-6	GRAVEL BACKFILL, FURNISH AND INSTALL	20	LF	25	\$500.00	20	\$400.00
A4-7	FINE TRANSITION SAND, FURNISH AND INSTALL	10	LF	35	\$350.00	30	\$300.00
A4-8	BENTONITE GROUT SLURRY, FURNISH AND PLACE	96	LF	40	\$3,840.00	35	\$3,360.00
A4-9	BENTONITE CHIP SEAL, FURNISH AND PLACE	44	LF	30	\$1,320.00	25	\$1,100.00
A4-10	WELL MONUMENT AND SURFACE COMPLETION	1	LS	2500	\$2,500.00	750	\$750.00
A5-1	MOBILIZATION AND DEMOBILIZATION	1	LS	100000	\$100,000.00	221265	\$221,265.00
A5-2	SURFACE SEAL	175	LF	625	\$109,375.00	1634	\$285,950.00
A5-3	20-INCH BOREHOLE DRILLING	230	LF	850	\$195,500.00	1248	\$287,040.00
A5-4	DRIVE SHOE CUT	2	EA	7500	\$15,000.00	12411	\$24,822.00
A5-5	20-INCH PERMANENT WELL CASING	408	LF	275	\$112,200.00	188	\$76,704.00
A5-6	PLUMBNESS AND ALIGNMENT TEST	1	LS	7500	\$7,500.00	11519	\$11,519.00
A5-7	WELL SCREEN ASSEMBLY, FURNISH AND INSTALL 16-INCH CASING BLANK	80	LF	275	\$22,000.00	239	\$19,120.00
A5-8	WELL SCREEN ASSEMBLY, FURNISH AND INTALL 16-INCH PIPE- SIZE SCREEN	135	LF	650	\$87,750.00	557	\$75,195.00
A5-9	FILTER PACK ENVELOPE, FURNISH AND PLACE	215	LF	325	\$69,875.00	319	\$68,585.00
A5-10	WELL DEVELOPMENT, ZONAL IMPULSE GENERATION	40	HR	1250	\$50,000.00	1425	\$57,000.00
A5-11	WELL DEVELOPMENT, TEST PUMP	8	HR	575	\$4,600.00	700	\$5,600.00
A5-12	WELL VIDEO SURVEY	1	LS	2500	\$2,500.00	3200	\$3,200.00
A5-13	WELL DISINFECTION	1	LS	7500	\$7,500.00	16107	\$16,107.00
A5-14	WELL SURFACE COMPLETION	1	LS	7500	\$7,500.00	2321	\$2,321.00
A5-15	STANDBY TIME	4	HR	850	\$3,400.00	1150	\$4,600.00
A5-16	AUTHORIZED HOURLY WORK	4	HR	850	\$3,400.00	1300	\$5,200.00
A6-1	FURNISH, INSTALL, AND REMOVE TEST PUMP AND APPURTENANCES	1	LS	60000	\$60,000.00	28109	\$28,109.00
A6-2	FURNISH, INSTALL, AND REMOVE DISCHARGE PIPE	1000	LF	125	\$125,000.00	37	\$37,000.00
A6-3	TEST PUMPING	56	HR	575	\$32,200.00	685	\$38,360.00
Bid Total					\$2,466,700.00	\$3,108,868.00	

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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	2,466,700.00	0.00	0.00	0.00	0.00	0.00	\$2,466,700.00
HOLT SERVICES, INC.	3,108,868.00	0.00	0.00	0.00	0.00	0.00	\$3,108,868.00

Low Bid Contractor: HOLT SERVICES, INC.

	<i>Contractor's Bid</i>	<i>Engineer's Estimate</i>	<i>% Variance</i>
<i>Schedule 01</i>	\$3,388,666.12	\$2,688,703.00	26.03 % Over Estimate
<i>Schedule 03</i>	\$0.00	\$0.00	0.00 % Over Estimate
<i>Bid Totals</i>	\$3,388,666.12	\$2,688,703.00	26.03 % Over Estimate