

**BOARD OF COUNTY COMMISSIONERS
COUNTY OF KITTITAS
STATE OF WASHINGTON**

RESOLUTION NO. 2016-103

**TO AWARD THE CONTRACT FOR THE LODGE CREEK CULVERT REPLACEMENT
ALONG VIA KACHESS ROAD AND AUTHORIZE THE PUBLIC WORKS DIRECTOR TO
EXECUTE SAME**

- WHEREAS:** Resolution Number 2016-059 declared a Local Emergency supporting suspension of normal bidding and procurement requirements to allow expedited replacement of the culvert; and
- WHEREAS:** Resolution Number 2016-060 authorized engineering consultant services from Jacobs for immediate design and support of the replacement of the failed Lodge Creek culvert; and
- WHEREAS:** Jacobs has utilized services from Atkinson Construction for constructability reviews; and
- WHEREAS:** Atkinson Construction is currently working in the vicinity and has the ability to assist in the rapid procurement of materials to accommodate weather and in water work schedule restrictions; and
- WHEREAS:** Atkinson Construction furnished a Force Account Estimate accommodating the use of county forces to aid in cost minimization. The Director of Public Works recommends the force account estimate from Atkinson Construction, of \$740,070.03 be accepted.

NOW, THEREFORE BE IT RESOLVED that the Board of County Commissioners, in the best interest of the public, does hereby award the contract for the construction of the Lodge Creek Culvert replacement in the amount of \$740,070.03 to Atkinson Construction.

BE IT FURTHER RESOLVED that the Director for the Department of Public Works is authorized to sign the contract documents for said project.

DATED on this 2nd day of August, 2016, at Ellensburg, Washington.

BOARD OF COUNTY COMMISSIONERS
KITTITAS COUNTY, WASHINGTON


Obie O'Brien, Chairman


Paul Jewell, Vice-Chairman


Laura Osiadacz, Commissioner

Attest:

☒ Clerk of the Board- Julie Kjorsvik

☐ Deputy Clerk of the Board- Mandy Buchholz



ESTIMATE RECAP - BID QUANTITIES

	DIRECT	INDIRECT	TOTAL	% OF TOTAL
Labor	100,325.55	39,078.62	139,404.17	18.837%
Burden	55,050.90	3,477.17	58,528.07	7.908%
Lab+Bur	155,376.45	42,555.79	197,932.24	26.745%
Perm Matl	170,152.87		170,152.87	22.991%
Const Exp	42,569.01	13,068.65	55,637.66	7.518%
Equipment	58,531.96	22,684.35	81,216.31	10.974%
Subs	140,778.00		140,778.00	19.022%
Other	65,828.41	28,524.54	94,352.95	12.749%
Total Costs:	633,236.70	106,833.33	740,070.03	99.999%
% of Total	85.564%	14.436%	100.000%	

Escalation on:	Labor	Burden	Perm Matl	Const Matl	Co Eqp	Rented Eqp
	31,339	13,157	29,531	14,607	2,294	5,823
	129.00 %	129.00 %	121.00 %	121.00 %	121.00 %	121.00 %
	Eq Op Exp	Sub	OES	FORCE ACCT	Misc3	Total Escalation
	5,979	12,798	11,425	0	0	126,952
	121.00 %	110.00 %	121.00 %	100.00 %	100.00 %	120.71 %

* Data Below here is dependent on the Summary Process. *

The Summary Process was last run 07/26/2016 at 4:17 PM

Markup Addons

Markup	Lump Sum	0.00	0.0000%
MARKUP TOTALS ==>		0.00	0.0000%
			(% of costs)
COST + MARKUP ----->		\$740,070.03	
		(On Bid Quantity)	

There * ARE NOT * closing accounts for this bid.

		-Effect on Bid-
Rounding difference:		
Unbalancing difference:	-20,118.01	Adjusted
From Cut&Add Sheet-costs:		(on Bid Quantity)
From Cut&Add Sheet-markup:		(on Bid Quantity)
Pass Through Adjustments:		None
Net Adjustments (to the balanced bid):	-\$20,118.01	[or desired bid]
BALANCED BID TOTAL	\$613,118.69	
DESIRED BID (if specified)		
BID TOTAL (on bid quantities)	\$613,118.69	
BID COSTS (on bid quantities)	\$613,118.69	
MARKUP (on bid quantities)		0.000%

5274

Lodge Creek Culvert Replacement

*** Phil Larson

EXPECTED JOB VALUE (on takeoff quantities):	\$613,118.69	
EXPECTED COSTS (on takeoff quantities):	\$740,070.03	
EXPECTED MARKUP (on takeoff quantities):	-\$126,951.34	-17.153%

Adjust to Bid Quantities = B

On Takeoff Quantities

Labor Hrs. (MH/MHS) 1,869	100	1,969
(incl burden) 155,376	8,724	164,101
Labor (DAY/DAYS) 0	0	0
(incl burden) 0	0	0
Labor (OtherUnits) 0	33,830	33,830
(incl burden)		
Labor Burden 55,050	3,477	58,528

Spread Indirects on:	Total Cost	Spread Markup on:	Total Cost
Spread Addons&Bond on:	Total Cost		

Key Indicators

Balanced Markup	/	Total Labor	=	Balanced Markup/Total Labor
0.00	/	197,932.24	=	0.00%
Total Indirect Cost	/	Direct Cost	=	Total Indirects/Direct Cost
106,833.33	/	633,236.70	=	16.87%
Direct Manhours	/	Job Duration	=	HOURS / MO
1,869.00	/	0.00	=	0.00
Balanced Markup By Bid Qty	/	ATKN Total Cost	=	Bal Markup/ATKN Total Cost
0.00	/	740,070.03	=	0.00%
Balanced Markup By Bid Qty	/	ATKN Cost Less FA	=	Bal Markup/Cost Less FA
0.00	/	740,070.03	=	0.00%

----- ESTIMATE NOTES: -----

Bid Date:

Owner:

Engr Firm:

Estimator-In-Charge:

Desired Bid (if specified) =

0.00

Notes:

Last Summary on 07/26/2016 at 4:17 PM.

Last Spread on 07/26/2016 at 3:44 PM.

Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Equip. Labor All Costs	Expend. Matls.	Perm. Matls.	Sub Contract	Total
BID ITEM = 10000				Land Item	SCHEDULE: 1	100			
Description = Materials			Unit =	LS	Takeoff Quan:	1.000	Engr Quan:		1.000
30000105 Buy Perm Matierial				Quan:	1.00 LS	Hrs/Shft: 8.00	Cal: 508	WC: WA0201	
CSBC under box = 2'x40'x40' = 120 cy									
CSBC on Road = 200'x24'x2' = 355 cy									
Total = 475 cy.									
Common Borrow is a guess for now. Only needed if the existing material can not be put back.									
Quarry Spalls = 3'x40'x40' = 177 cy - Say 250 cy to cover other potential needs.									
River Rock - TBD									
Stream Bed - 40'x4'x20' = 120 cy in box, double quantity to include pool 240 cy.									
Gravel backfill for Walls = We assumed 5' wide around all walls.									
Geogrids quantities are a place holder for now.									
We will still need to finalize pricing on all material.									
2AGCSBCCY	CSBC "CY"@108%	1.00	475.00 CY	40.000			24,829		24,829
2AGGCBCY	Common Borrow "CY@10	1.00	500.00 CY	30.000			19,602		19,602
2AGGWQSCY	Quarry Spalls "CY@108%	1.00	250.00 CY	40.000			13,068		13,068
2AGGWRRCY	River Rock "CY"@108%	1.00	1.00 CY	40.000			52		52
2AGGWSTMBRC	Stream Bed Materi@108%	1.00	240.00 CY	100.000			31,363		31,363
2AGGWWALL	Gravel Backfill f@108%	1.00	230.00 CY	40.000			12,023		12,023
2GEOGM8XT	MIRAGRID 8XT@108%	1.00	900.00 SY	4.500			5,293		5,293
2GEOTEXSEP	GEOTEX-SOIL SEPAR@1	1.00	355.00 SY	0.650			302		302
2UBFF	FULL FLAT TOP ULT@10	1.00	2.00 EA	65.000			170		170
2UBFSB	FULL SIZE ULTRABL@1	1.00	16.00 EA	70.000			1,464		1,464
2UBHB	HALF ULTRABLOCK S@	1.00	4.00 EA	60.000			314		314
2UBHFT	HALF FLAT TOP ULT@1	1.00	4.00 EA	55.000			288		288
\$108,765.94				[]			108,766		108,766
							108,765.94		108,765.94
====> Item Totals:	10000	- Materials					108,766		108,766
\$108,765.94				[]			108,766		108,766
108,765.940	1 LS						108,765.94		108,765.94

BID ITEM = 20000				Land Item	SCHEDULE: 1	100			
Description = Stockpile			Unit =	LS	Takeoff Quan:	1.000	Engr Quan:		1.000
30001030 Pre-Stock Pile Material				Quan:	1.00 LS	Hrs/Shft: 10.00	Cal: 510	WC: WA0201	
Pre-Stockpile material before closure.									
Assume 1 week of work with a loader and laborer on the ground for backing up trucks.									
<u>LD966</u>	LOADER 966D, OP, LAB		50.00 CH	Prod:	5.0000 S	Lab Pcs:	2.00	Eqp Pcs:	1.00
8LD966	WHEEL LOADER CAT 96	1.00	50.00 HR	74.235		4,850			4,850
LCOM	LABORER, COMMON G#	1.00	50.00 MH	34.420	3,654				3,654
OFELL	OP ENG FE LDR <6 CY G	1.00	50.00 MH	39.570	4,572				4,572
\$13,076.35	100.0000 MH/LS	100.00 MH	[5249.59]	8,226	4,850				13,076
	100.0000 MH/Unit	0.0200 Units/Hr		8,225.86	4,850.49				13,076.35
30001032 Load Out Stockpile				Quan:	1.00 LS	Hrs/Shft: 12.00	Cal: 612	WC: WA0201	
This will be done during the 72 hr closure. Assume 2 solos the help move material between the sites.									
<u>LD966</u>	LOADER 966D, OP, LAB		72.00 CH	Prod:	6.0000 S	Lab Pcs:	2.00	Eqp Pcs:	1.00
5TRHRDPSOLO	DUMP TRUCK SOLO@10	1.00	144.00 HR	135.000		25,404			25,404
8LD966	WHEEL LOADER CAT 96	1.00	72.00 HR	74.235		6,985			6,985
LCOM	LABORER, COMMON G#	1.00	72.00 MH	34.420	5,707				5,707
OFELL	OP ENG FE LDR <6 CY G	1.00	72.00 MH	39.570	7,096				7,096

Cost Report

Activity Resource	Desc	Pcs	Quantity Unit	Unit Cost	Labor	Equip. All Costs	Expend. Matls.	Perm. Matls.	Sub Contract	Total
BID ITEM = 20000										
Description =	Stockpile		Land Item Unit =	SCHEDULE: 1 100						
				LS	Takeoff Quan:		1.000	Engr Quan:		1.000
\$45,192.25	144.0000 MH/LS	144.00	MH	[8399.19]	12,803	6,985	25,404			45,192
	144.0000 MH/Unit	0.0139	Units/Hr		12,803.35	6,984.71	25,404.19			45,192.25
Item Totals: 20000 - Stockpile										
\$58,268.60	244.0000 MH/LS	244.00	MH	[13648.78]	21,029	11,835	25,404			58,269
\$58,268.600	1 LS				21,029.21	11,835.20	25,404.19			58,268.60

BID ITEM = 30000										
Description =	Diversion/Enviromental/Pumping		Land Item Unit =	SCHEDULE: 1 100						
				LS	Takeoff Quan:		1.000	Engr Quan:		1.000
20006005	Buy Material		Quan:	1.00 LS	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
Tis list is a guess for materials needed.										**Unreviewed
2ECFNHIVIS	HIGH VISIBILITY F@108	1.00	400.00	LF	0.200			105		105
2ECFNSTLWW	SILT FENCE W WIRE@10	1.00	100.00	LF	0.950			124		124
2ECPOSTSTLT	STEEL "T" POST@108%	1.00	100.00	EA	2.000			261		261
2ECSB	SANDBAGS@108%	1.00	400.00	EA	4.000			2,091		2,091
2ECSTRAW	BALE OF STRAW@108%	1.00	50.00	EA	5.000			327		327
3AQUABAR	Aqua Barrier@108%	1.00	1.00	LS	10,000.000		13,068			13,068
\$15,975.63				[]			13,068	2,908		15,976
							13,068.00	2,907.63		15,975.63

20006031	TESC Labor		Quan:	1.00 LS	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
Assume 4 days to install all TESC Material.										**Unreviewed
Assume 1 day to remove and clean up.										
LAB4	4 MAN LABOR CREW		40.00	CH	Prod:	5.0000 S	Lab Pcs:	4.00	Eqp Pcs:	1.00
8TRPU450	FLATRACK, BAREBED	1.00	40.00	HR	16.167		782			782
LCOM	LABORER, COMMON G#	3.00	120.00	MH	34.420	8,161				8,161
LFM	LABORER FOREMAN	1.00	40.00	MH	36.920	2,868				2,868
\$11,811.62	160.0000 MH/LS	160.00	MH	[7233.28]	11,029	782				11,812
	160.0000 MH/Unit	0.0250	Units/Hr		11,029.15	782.47				11,811.62

20006506	Rent Pumps		Quan:	1.00 LS	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
\$20,000 is a plug for the pumping system.										**Unreviewed
1 labor to man pumps while crews are not around only.										
LAB1	1 MAN LABOR CREW		80.00	CH	Prod:	10.0000 S	Lab Pcs:	1.00	Eqp Pcs:	0.00
4PUMP8	8" Pump@108%	1.00	20.00	DAY	1,000.000			23,760		23,760
LCOM	LABORER, COMMON G#	1.00	80.00	MH	34.420	5,441				5,441
\$29,200.99	80.0000 MH/LS	80.00	MH	[3552.15]	5,441			23,760		29,201
	80.0000 MH/Unit	0.0125	Units/Hr		5,440.99			23,760.00		29,200.99

20006631	Fall Trees		Quan:	1.00 LS	Hrs/Shft:	12.00	Cal: 612	WC: WA0201		
Use 330 to fall trees after pumps are running.										**Unreviewed
EX330D	EX 330, D6, OP, GC 75CY/HR		12.00	CH	Prod:	1.0000 S	Lab Pcs:	3.00	Eqp Pcs:	2.00
8DO6	D6D DOZER (140 HP)	1.00	12.00	HR	67.848		1,064			1,064
8EX330	EXCAV CAT 330 (71K LB	1.00	12.00	HR	83.223		1,305			1,305
OBHH	OP ENG BACKHOE 3-5C	1.00	12.00	MH	40.090	1,194				1,194
ODL	OP ENG DOZER D9 & <	1.00	12.00	MH	39.120	1,173				1,173
OGRADE	OP ENG GRADECHECKE	1.00	12.00	MH	36.610	1,119				1,119
\$5,854.64	36.0000 MH/LS	36.00	MH	[2191.29]	3,486	2,369				5,855
	36.0000 MH/Unit	0.0833	Units/Hr		3,485.65	2,368.99				5,854.64

Item Totals: 30000 - Diversion/Enviromental/Pumping

Activity Resource	Desc	Pcs	Quantity Unit	Unit Cost	Labor	Equip. All Costs	Expend. Mats.	Perm. Mats.	Sub Contract	Total
BID ITEM = 30000										
Description =	Diversion/Enviromental/Pumping		Land Item Unit =	SCHEDULE: 1 100						
				LS Takeoff Quan:		1.000		Engr Quan:		1.000
\$62,842.88	276.0000 MH/LS		276.00 MH	[12976.72]	19,956	3,151	13,068	2,908	23,760	62,843
62,842.880	1 LS				19,955.79	3,151.46	13,068.00	2,907.63	23,760.00	62,842.88
BID ITEM = 40000										
Description =	Shoring		Land Item Unit =	SCHEDULE: 1 100						
				LS Takeoff Quan:		1.000		Engr Quan:		1.000
40001005 Buy Pea Gravel			Quan:	220.00 CY	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
										**Unreviewed
16 each x 3' holes x 40' = 167 cy @ 30% waste = 220 cy										
Using CFD for plug pricing.										
2CONCCDF	CONTROLLED DENSIT@	1.00	220.00 CY	200.000				57,499		57,499
40001009 Trucking for Soldier Pile			Quan:	32.00 HR	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
										**Unreviewed
Piles and sheets = 4 loads in and out.										
4 hour rounds from yard = 16 hrs x 2 = 32 hrs.										
5TRHRFLTBD	TRUCK SEMI FLATBE@	1.00	32.00 HR	150.000			6,273			6,273
40001013 Buy/Rent Steel Sheets			Quan:	56,160.00 LB	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
										**Unreviewed
16 beams and 16 sheets										
16 x 40 x 117 = 28080 lbs										
Sheets weigh about the same so call it 56,160 #										
3SHPLGFA	SHORING PLATES GF@1	1.00	56,160.00 LB	0.175			12,843			12,843
40001028 Drill Soldier Pile			Quan:	5.00 DAY	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
										**Unreviewed
Need plug from driller.										
Go with Mobilization + day rate + Pea Gravel cost.										
Assume 4 to 5 days										
4DRSHAFTDAY	Day Rate@108%	1.00	5.00 DAY	8,000.000				47,520		47,520
40001029 Load Drill Spoils			Quan:	220.00 CY	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
										**Unreviewed
LD966	LOADER 966D, OP, LAB		32.00 CH	Prod:	4.0000 S	Lab Pcs:	3.00	Eqp Pcs:		2.00
8LD966	WHEEL LOADER CAT 96	1.00	32.00 HR	74.235		3,104				3,104
8TRDU5	JOB HAUL DUMP TRUC	1.00	32.00 HR	33.723		1,410				1,410
LCOM	LABORER, COMMON G#	1.00	32.00 MH	34.420	2,176					2,176
OBHL	OP ENG BACKHOE/L<75	1.00	32.00 MH	39.120	2,718					2,718
OFELL	OP ENG FE LDR <6 CY G	1.00	32.00 MH	39.570	2,740					2,740
\$12,149.09	0.4363 MH/CY		96.00 MH	[21.224]	7,635	4,515				12,149
	0.4364 MH/Unit		6.8750 Units/Hr		34.70	20.52				55.22
40001041 Rem Pile & Sheets			Quan:	32.00 EA	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
										**Unreviewed
Includes install of sheets and removal of sheets and pile.										
Ones shift to install and 2 to remove.										
EX330	EX 330, OP, GRDCHK 75CY/HR		24.00 CH	Prod:	3.0000 S	Lab Pcs:	2.00	Eqp Pcs:		1.00
8EX330	EXCAV CAT 330 (71K LB	1.00	24.00 HR	83.223		2,610				2,610
OBHH	OP ENG BACKHOE 3-5C	1.00	24.00 MH	40.090	2,073					2,073
OGRADE	OP ENG GRADECHECKE	1.00	24.00 MH	36.610	1,950					1,950

Cost Report

Activity Resource	Desc	Pcs	Quantity Unit	Unit Cost	Equip. Labor All Costs	Expend. Matls.	Permn. Matls.	Sub Contract	Total
BID ITEM = 40000									
Description =	Shoring		Land Item Unit =	SCHEDULE: 1 100					
				LS Takeoff Quan:	1.000	Engr Quan:			1.000
\$6,633.46	1.5000 MH/EA	48.00 MH	[74.207]	4,023	2,610				6,633
	1.5000 MH/Unit	1.3333 Units/Hr		125.73	81.57				207.30
40001086 Driller Mobilization									
			Quan:	1.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: WA0201		
4DRSHAFTMOB Mob/Demob Driller@108%	1.00	1.00 LS		20,000.000				23,760	23,760
40001089 Flagging									
			Quan:	1.00 LS	Hrs/Shft: 10.00	Cal: 510	WC: WA0201		
3 man crew for 5 days during drilling.									**Unreviewed
TCFLAG	TC - FLAGGING	50.00 CH	Prod:	5.0000 S	Lab Pcs:	2.50	Eqp Pcs:	2.00	
8GENLI	ENG DRIVEN LITE TOW	1.00	50.00 HR	11.718	709			709	
8TRPU450	FLATRACK, BAREBED	1.00	50.00 HR	16.167	978			978	
LFLAGGER	LABORER, FLAGGER G#	2.00	100.00 MH	27.530	6,192			6,192	
LFM	LABORER FOREMAN	0.50	25.00 MH	36.920	1,928			1,928	
\$9,807.53	125.0000 MH/LS	125.00 MH	[5216.24]	8,121	1,687			9,808	
	125.0000 MH/Unit	0.0200 Units/Hr		8,120.52	1,687.01			9,807.53	
====> Item Totals: 40000 - Shoring									
\$176,485.15	269.0000 MH/LS	269.00 MH	[12260.05]	19,778	8,812	19,116	57,499	71,280	176,485
176,485.150	1 LS			19,778.44	8,811.64	19,115.87	57,499.20	71,280.00	176,485.15

BID ITEM = 50000									
Description =	72 HR Closure		Land Item Unit =	SCHEDULE: 1 100					
				LS Takeoff Quan:	1.000	Engr Quan:			1.000
There will be two crews working double shifts.									
300012031 Crew A									
			Quan:	48.00 HR	Hrs/Shft: 12.00	Cal: 612	WC: WA0201		
Only 4 shifts. Box culvert set has its own crew. Final shift will be for subs to complete work.									
Assume 5 12hr shifts.									
EX330	EX 330, OP, GRDCHK 75CY/HR	48.00 CH	Prod:	4.0000 S	Lab Pcs:	7.50	Eqp Pcs:	5.00	
8CO563	COMPACT CAT CP563	1.00	48.00 HR	43.020	2,698			2,698	
8DO5	D5 DOZER (25k)	1.00	48.00 HR	40.682	2,552			2,552	
8EX330	EXCAV CAT 330 (71K LB)	1.00	48.00 HR	83.223	5,220			5,220	
8EXMINI	EXC MINI (14K LB)	1.00	48.00 HR	32.064	2,011			2,011	
8LD966	WHEEL LOADER CAT 96	1.00	48.00 HR	74.235	4,656			4,656	
LCOM	LABORER, COMMON G#	1.50	72.00 MH	34.420	5,707			5,707	
OBHH	OP ENG BACKHOE 3-5C	1.00	48.00 MH	40.090	4,776			4,776	
OBHL	OP ENG BACKHOE/L<75	1.00	48.00 MH	39.120	4,692			4,692	
ODL	OP ENG DOZER D9 & <	1.00	48.00 MH	39.120	4,692			4,692	
OFELL	OP ENG FE LDR <6 CY G	1.00	48.00 MH	39.570	4,731			4,731	
OGRADE	OP ENG GRADECHECKE	1.00	48.00 MH	36.610	4,475			4,475	
OPAKH	OP ENG COMPACTOR H	1.00	48.00 MH	39.120	4,692			4,692	
\$50,902.34	7.5000 MH/HR	360.00 MH	[449.752]	33,764	17,138			50,902	
	7.5000 MH/Unit	1.0000 Units/Hr		703.42	357.05			1,060.47	
30001232 Crew B									
			Quan:	48.00 HR	Hrs/Shft: 12.00	Cal: 612	WC: WA0201		
Assume 4 shifts.									
EX320	EX 320, OP, GRDCHK 50CY/HR	48.00 CH	Prod:	4.0000 S	Lab Pcs:	7.50	Eqp Pcs:	7.00	
8CODIESEL	COMDIESEL PLATE COMPAC	1.00	48.00 HR	17.522	1,099			1,099	
8COHP	COMPACT HOE PACK	1.00	48.00 HR	20.100	1,261			1,261	
8DO4H	D4H DOZER LGP (90 HP	1.00	48.00 HR	38.450	2,412			2,412	
8EX320	EXCAV CAT 320 (50K LB)	1.00	48.00 HR	56.245	3,528			3,528	
8FK9K	FORKLIFT VR 9K#	1.00	48.00 HR	31.516	1,977			1,977	
8LD950	WHL LOADER CAT 950	1.00	48.00 HR	53.296	3,343			3,343	

Cost Report

Activity Resource	Desc	Pcs	Quantity Unit	Unit Cost	Labor	Equip. All Costs	Expend. Matls.	Perm. Matls.	Sub Contract	Total
BID ITEM = 50000										
Description =	72 HR Closure			Land Item Unit =	SCHEDULE: 1 100 LS Takeoff Quan:		1.000	Engr Quan:		1.000
8LDSKID	SKIDSTEER	1.00	48.00 HR		21.473	1,347				1,347
LCOM	LABORER, COMMON G#	1.50	72.00 MH		34.420	5,707				5,707
OBH	OP ENG BACKHOE <3CY	1.00	48.00 MH		39.570	4,731				4,731
OBHL	OP ENG BACKHOE/L<75	2.00	96.00 MH		39.120	9,384				9,384
ODL	OP ENG DOZER D9 & <	1.00	48.00 MH		39.120	4,692				4,692
OFELL	OP ENG FE LDR <6 CY G	1.00	48.00 MH		39.570	4,731				4,731
OGRADE	OP ENG GRADECHECKE	1.00	48.00 MH		36.610	4,475				4,475
\$48,685.72	7.5000 MH/HR		360.00 MH		[448.932]	33,719	14,967			48,686
	7.5000 MH/Unit		1.0000 Units/Hr			702.48	311.80			1,014.29
====> Item Totals:	50000 - 72 HR Closure									
\$99,588.06	720.0000 MH/LS		720.00 MH		[43136.81]	67,483	32,105			99,588
99,588.060	1 LS					67,483.31	32,104.75			99,588.06

BID ITEM = 60000				Land Item	SCHEDULE: 1 100					
Description =	Box Culvert			Unit =	LS Takeoff Quan:		1.000	Engr Quan:		1.000
35009610 Buy Grout				Quan:	5.00 CY Hrs/Shft: 8.00 Cal: 508 WC: WA0201					
										**Unreviewed
Use 5 cy for a short load.										
2CONC10	CONCRETE-10 SACK @1	1.00	5.00 CY		150.000			980		980
5CONPCY3942	CY RATE 39-42 MET@10	1.00	5.00 CY		2.750		18			18
5CONPHR42M	42 METER PUMP@108%	1.00	4.00 HR		145.000		758			758
\$1,756.01					[]		776	980		1,756
							155.18	196.02		351.20
35009631 Set Box				Quan:	1.00 LS Hrs/Shft: 12.00 Cal: 612 WC: WA0201					
										**Unreviewed
Assume 4 hour to set bottom of box.										
<u>LAB6</u>	6 MAN LABOR CREW		4.00 CH	Prod:	0.3333 S	Lab Pcs:	6.00	Eqp Pcs:	0.00	
LCOM	LABORER, COMMON G#	5.00	20.00 MH		34.420	1,585				1,585
LFM	LABORER FOREMAN	1.00	4.00 MH		36.920	335				335
\$1,920.42	24.0000 MH/LS		24.00 MH		[1318.18]	1,920				1,920
	24.0000 MH/Unit		0.2500 Units/Hr			1,920.42				1,920.42
35009635 Grout Box				Quan:	1.00 LS Hrs/Shft: 12.00 Cal: 612 WC: WA0201					
										**Unreviewed
Assume 4 hours to grout and cleanup.										
<u>LAB6</u>	6 MAN LABOR CREW		4.00 CH	Prod:	0.3333 S	Lab Pcs:	6.00	Eqp Pcs:	2.00	
8AC375	COMPRESSOR PORT 375	1.00	4.00 HR		25.575	134				134
8WELD400D	WELDER 400 AMP	1.00	4.00 HR		12.520	65				65
LCOM	LABORER, COMMON G#	5.00	20.00 MH		34.420	1,585				1,585
LFM	LABORER FOREMAN	1.00	4.00 MH		36.920	335				335
\$2,119.53	24.0000 MH/LS		24.00 MH		[1318.18]	1,920	199			2,120
	24.0000 MH/Unit		0.2500 Units/Hr			1,920.42	199.11			2,119.53
35009640 Set Top				Quan:	1.00 LS Hrs/Shft: 12.00 Cal: 612 WC: WA0201					
										**Unreviewed
Assume 4 hours to set top.										
6 man crew for 1 12hr shift to set bottome, top and grout.										
<u>LAB6</u>	6 MAN LABOR CREW		4.00 CH	Prod:	0.3333 S	Lab Pcs:	6.00	Eqp Pcs:	0.00	
LCOM	LABORER, COMMON G#	5.00	20.00 MH		34.420	1,585				1,585
LFM	LABORER FOREMAN	1.00	4.00 MH		36.920	335				335
\$1,920.42	24.0000 MH/LS		24.00 MH		[1318.18]	1,920				1,920
	24.0000 MH/Unit		0.2500 Units/Hr			1,920.42				1,920.42

Cost Report

Activity	Desc	Quantity	Unit	Unit Cost	Equip. Labor	Equip. All Costs	Expend. Matls.	Perm. Matls.	Sub Contract	Total
Resource		Pcs								
BID ITEM = 60000				Land Item	SCHEDULE: 1	100				
Description =	Box Culvert			Unit =	LS	Takeoff Quan:	1.000	Engr Quan:		1.000
35009696	Equipment Support			Quan:	1.00 LS	Hrs/Shft:	8.00	Cal: 508	WC: WA0201	
										**Unreviewed
5CR300	300 TON CRANE REN@1	1.00	12.00 HR	545.000			8,546			8,546
5CR300MOB	300 TON CRANE MOB@	1.00	1.00 EA	15,000.000			19,602			19,602
5CR300OSMOB	300 TON CRANE ONS@1	1.00	1.00 EA	4,000.000			5,227			5,227
\$33,375.67				[]			33,376			33,376
							33,375.67			33,375.67
====>	Item Totals:	60000	- Box Culvert							
\$41,092.05	72.0000 MH/LS		72.00 MH	[3954.54]	5,761	199	34,152	980		41,092
41,092.050	1 LS				5,761.26	199.11	34,151.58	980.10		41,092.05
BID ITEM = 70000				Land Item	SCHEDULE: 1	100				
Description =	Barrier/MBGR			Unit =	LS	Takeoff Quan:	1.000	Engr Quan:		1.000
60010115	F&I MBGR			Quan:	1.00 LS	Hrs/Shft:	8.00	Cal: 508	WC: WA0201	
										**Unreviewed
Still need final quantities										
Assume 4 flared end sections										
4FLARET	Flared End@108%	1.00	4.00 EA	3,500.000				16,632		16,632
60010117	F&I Barrier			Quan:	1.00 LS	Hrs/Shft:	8.00	Cal: 508	WC: WA0201	
										**Unreviewed
Still need final quantities										
Assume 60' of type 2.										
4BARTY2	F&I Type 2 Barrie@108%	1.00	60.00 LF	50.000				3,564		3,564
====>	Item Totals:	70000	- Barrier/MBGR							
\$20,196.00				[]				20,196		20,196
20,196.000	1 LS							20,196.00		20,196.00
BID ITEM = 75000				Land Item	SCHEDULE: 1	100				
Description =	HMA			Unit =	LS	Takeoff Quan:	1.000	Engr Quan:		1.000
18000001	HMA			Quan:	150.00 TON	Hrs/Shft:	8.00	Cal: 508	WC: WA0201	
										**Unreviewed
Guess on the tonage for now.										
4HMAM	Mob HMA@108%	1.00	1.00 LS	5,000.000				5,940		5,940
4HMAT	HMA@108%	1.00	150.00 TON	110.000				19,602		19,602
\$25,542.00				[]				25,542		25,542
								170.28		170.28
====>	Item Totals:	75000	- HMA							
\$25,542.00				[]				25,542		25,542
25,542.000	1 LS							25,542.00		25,542.00
BID ITEM = 80000				Land Item	SCHEDULE: 1	100				
Description =	Traffic Control			Unit =	LS	Takeoff Quan:	1.000	Engr Quan:		1.000

Cost Report

Activity Resource	Desc	Pcs	Quantity Unit	Unit Cost	Labor	Equip. All Costs	Expend. Matls.	Perm. Matls.	Sub Contract	Total
BID ITEM = 80000			Land Item	SCHEDULE: 1	100					
Description =	Traffic Control		Unit =	LS	Takeoff Quan:	1.000	Engr Quan:			1.000
15001005 Buy Traffic Control Matl			Quan:	1.00 LS	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
										**Unreviewed
At this point we don't know what we need.										
Below are plug pricing for different material.										
For now we will plug										
3 PCMS										
100 Drums										
10 Type 3										
3TCBRL	TC BARRELS@108%	1.00	100.00 EA	60.000			7,841			7,841
3TCBRLGT	TC BARREL LIGHTS@10	1.00	1.00 EA	20.000			26			26
3TCBRLGTBAT	TC BARREL LIGHT B@1	1.00	1.00 EAMO	2.000			3			3
3TCCLBSIGN	TC CLASS B SIGNS@108	1.00	1.00 SF	10.000			13			13
3TCFLGSTA	TC FLAGGING STATI@1	1.00	1.00 EA	2,000.000			2,614			2,614
3TCPCMS	TC PCMS@108%	1.00	3.00 EAMO	1,000.000			3,920			3,920
3TCSIGNSTND	TC SIGN STANDS@108%	1.00	1.00 EA	100.000			131			131
3TCSPECSIGN	TC SPECIAL SIGNS@108	1.00	1.00 SF	15.000			20			20
3TCTY2BAR	TC TYPE 2 BARRICA@10	1.00	1.00 EA	50.000			65			65
3TCTY3BAR	TC TYPE 3 BARRICA@10	1.00	10.00 EA	150.000			1,960			1,960
3TCWHITES	WHITE SUITS FOR T@10	1.00	1.00 EA	50.000			65			65
\$16,657.78				[]			16,658			16,658
							16,657.78			16,657.78
15001045 Flagging/Spotting			Quan:	72.00 MH	Hrs/Shft:	12.00	Cal: 612	WC: WA0201		
										**Unreviewed
Assume a 4 person crew during closuer										
1 TCS and 3 Labs										
<u>TCFLAG</u>	TC - FLAGGING		72.00 CH	Prod:	6.0000 S	Lab Pcs:	4.00	Eqp Pcs:	2.00	
8GENLI	ENG DRIVEN LITE TOW	1.00	72.00 HR	11.718		1,021				1,021
8TRPU450	FLATRACK, BAREBED	1.00	72.00 HR	16.167		1,408				1,408
LCOM	LABORER, COMMON G#	1.00	72.00 MH	34.420	5,707					5,707
LFLAGGER	LABORER, FLAGGER G#	2.00	144.00 MH	27.530	9,630					9,630
LFM	LABORER FOREMAN	1.00	72.00 MH	36.920	6,031					6,031
\$23,797.75	4.0000 MH/MH		288.00 MH	[199.287]	21,368	2,429				23,798
	4.0000 MH/Unit		1.0000 Units/Hr		296.78	33.74				330.52
Item Totals:	80000 - Traffic Control									
\$40,455.53	288.0000 MH/LS		288.00 MH	[14348.65]	21,368	2,429	16,658			40,456
40,455.530	1 LS				21,368.44	2,429.31	16,657.78			40,455.53

PARENT ITEM = 999000										
Description =	Project Indirects		Unit =	LS	Takeoff Quan:	1.000	Engr Quan:			1.000
Listing of Sub-Biditems of Parent Item 999000:										
BID ITEM = 999100			Land Item	SCHEDULE: 1	100					
Description =	SUPERVISION/PROJECT MGMT		Unit =	LS	Takeoff Quan:	1.000	Engr Quan:			0.000
010005 Supervision			Quan:	1.00 MO	Hrs/Shft:	8.00	Cal: 508	WC: WA4900		
										**Unreviewed **Summ Code: TRO
SACONMGR	==>	1.00	0.50 MO	17,137.000	11,053					11,053
SASU	==>	1.00	0.00 MO	11,259.000						
SASUGEN	==>	1.00	0.50 MO	13,148.000	8,480					8,480
\$19,533.83				[]	19,534					19,534
					19,533.83					19,533.83

Cost Report

Activity	Desc	Quantity	Unit	Unit	Equip.	Expend.	Perm.	Sub	Total
Resource		Pcs		Cost	Labor All Costs	Matls.	Matls.	Contract	
BID ITEM = 999100				Land Item	SCHEDULE: 1	100			
Description =	SUPERVISION/PROJECT MGMT			Unit =	LS	Takeoff	Quan:	1.000	Engr Quan: 0.000
010007	Field Office Manager			Quan:	1.00 MO	Hrs/Shft:	8.00	Cal: 508	WC: WA4900
									**Unreviewed **Summ Code: TRO
SAADMIN ==>		1.00	1.00 MO	4,509.000	5,817				5,817
SABUSMGR ==>		1.00	0.00 MO	11,259.000					
SAFOM ==>		1.00	0.00 MO	6,095.000					
SAPURCH ==>		1.00	0.00 MO	11,259.000					
\$5,816.61				[]	5,817				5,817
					5,816.61				5,816.61
Item Totals: 999100 - SUPERVISION/PROJECT MGMT									
\$25,350.44				[]	25,350				25,350
25,350.440		1 LS			25,350.44				25,350.44

BID ITEM = 999150				Land Item	SCHEDULE: 1	100			
Description =	ENGINEERING			Unit =	LS	Takeoff	Quan:	1.000	Engr Quan: 0.000
010101	General Sitework Engineering			Quan:	1.00 MO	Hrs/Shft:	8.00	Cal: 508	WC: WA4900
									**Unreviewed **Summ Code: TRO
SAEN ==>		1.00	0.00 MO	11,259.000					
SAENF ==>		1.00	0.00 MO	9,909.000					
SAENST ==>		1.00	0.50 MO	13,148.000	8,480				8,480
\$8,480.46				[]	8,480				8,480
					8,480.46				8,480.46
Item Totals: 999150 - ENGINEERING									
\$8,480.46				[]	8,480				8,480
8,480.460		1 LS			8,480.46				8,480.46

BID ITEM = 999200				Land Item	SCHEDULE: 1	100			
Description =	ADMIN FACILITIES & SUPPLIES			Unit =	LS	Takeoff	Quan:	1.000	Engr Quan: 0.000
010204	Communication (TRO)			Quan:	1.00 MO	Hrs/Shft:	8.00	Cal: 508	WC: WA0201
									**Unreviewed **Summ Code: TRO
1ITCLMO	Cellular Phone Monthly	1.00	6.00 MMO	100.000				726	726
1ITDPMO	Desk Phone Monthly	1.00	0.00 MO	800.000					
1ITHJMB	HeavyJob Mobile Subscripti	1.00	4.00 MMO	10.000				48	48
1ITINDS	DSL/Cable Internet	1.00	0.00 MO	250.000					
1ITINTI	T-1 Connection	1.00	0.00 MO	1,500.000					
\$774.40				[]				774	774
								774.40	774.40
010205	Jobsite Sheds / Storage			Quan:	5.00 EA	Hrs/Shft:	8.00	Cal: 508	WC: WA0201
									**Unreviewed **Summ Code: FOH
One shed for each crew.									
1YDSH	Yard/Job Shacks and Sheds	1.00	2.00 EA	2,000.000				4,840	4,840
010207	Motor Vehicle Expenses			Quan:	1.00 MO	Hrs/Shft:	8.00	Cal: 508	WC: WA0201
									**Unreviewed **Summ Code: TRO
3 CPOs for .5 months = 1.5 months									
4 crew trucks for .5 months = 2 months									
8TRPU150M	C.P.O. VEHICLES - MO R	1.00	1.50 MO	1,300.000	2,360				2,360
8TRPU450M	FIELD TRUCKS - MO RE	1.00	2.00 MO	1,500.000	3,630				3,630
\$5,989.50				[]	5,990				5,990

Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Equip. Labor All Costs	Expend. Matls.	Perm. Matls.	Sub Contract	Total
BID ITEM = 999200									
Description =	ADMIN FACILITIES & SUPPLIES		Land Item Unit =	SCHEDULE: 1 100					
				LS Takeoff	Quan:	1.000	Engr Quan:		0.000
					5,989.50				5,989.50
====> Item Totals: 999200 - ADMIN FACILITIES & SUPPLIES									
\$11,603.90				[]	5,990	5,614			11,604
11,603.900	1 LS				5,989.50	5,614.40			11,603.90

BID ITEM = 999300									
Description =	SAFETY		Land Item Unit =	SCHEDULE: 1 100					
				LS Takeoff	Quan:	1.000	Engr Quan:		0.000
010301	Job Safety Expenses			Quan:	1.00 LS	Hrs/Shft: 8.00	Cal: 508	WC: WA0201	
								**Unreviewed **Summ Code: FOH	
3SAFEFALL	SAFETY FALL PROT.@1	1.00	1.00 EA	10,000.000		13,068			13,068
3SAFESUPP	SAFETY SUPPLIES@108	1.00	1.00 MH	0.500		1			1
\$13,068.65				[]		13,069			13,069
						13,068.65			13,068.65
010305	Medical Exam / Drug Test			Quan:	10.00 EA	Hrs/Shft: 8.00	Cal: 508	WC: WA0201	
								**Unreviewed **Summ Code: FOH	
1MD	Medical Exams/Drug Testin	1.00	10.00 EA	100.000		1,210			1,210
====> Item Totals: 999300 - SAFETY									
\$14,278.65				[]		14,279			14,279
14,278.650	1 LS					14,278.65			14,278.65

BID ITEM = 999400									
Description =	CLEAN-UP		Land Item Unit =	SCHEDULE: 1 100					
				LS Takeoff	Quan:	1.000	Engr Quan:		0.000
010402	Dumpster Service			Quan:	1.00 MO	Hrs/Shft: 8.00	Cal: 508	WC: WA0201	
								**Unreviewed **Summ Code: TRO	
1CUMO	Debris Box/Monthly Trash	1.00	3.00 MO	1,000.000		3,630			3,630
1CUSKIP	Skip Box Purchase	1.00	1.00 EA	2,000.000		2,420			2,420
\$6,050.00				[]		6,050			6,050
						6,050.00			6,050.00
010404	Final Clean-Up			Quan:	10.00 HR	Hrs/Shft: 8.00	Cal: 508	WC: WA0201	
								**Unreviewed **Summ Code: FOH	
1CUFN	Final Clean-Up	1.00	1,000.00 LS	1.000		1,210			1,210
====> Item Totals: 999400 - CLEAN-UP									
\$7,260.00				[]		7,260			7,260
7,260.000	1 LS					7,260.00			7,260.00

BID ITEM = 999500									
Description =	JOBSITE WORK REQUIREMENTS		Land Item Unit =	SCHEDULE: 1 100					
				LS Takeoff	Quan:	1.000	Engr Quan:		0.000
010514	Small Tools & Supplies			Quan:	1.00 LS	Hrs/Shft: 8.00	Cal: 508	WC: WA0201	
								**Unreviewed **Summ Code: FOH	
<i>There are no cost resources for this activity.</i>									
010531	Drinking Water			Quan:	1.00 MO	Hrs/Shft: 8.00	Cal: 508	WC: WA0201	
								**Unreviewed **Summ Code: TRO	

Cost Report

Activity	Desc	Quantity	Unit	Unit Cost	Equip. Labor	Equip. All Costs	Expend. Mats.	Perm. Mats.	Sub Contract	Total
Resource		Pcs								
BID ITEM = 999500				Land Item	SCHEDULE: 1	100				
Description =	JOBSITE WORK REQUIREMENTS			Unit =	LS	Takeoff Quan:	1.000	Engr Quan:		0.000
1SPH2	Drinking Water	1.00	1.00 MO		300.000		363			363
====>	Item Totals: 999500 - JOBSITE WORK REQUIREMENTS									
\$363.00					[]		363			363
363.000	1 LS						363.00			363.00
BID ITEM = 999600				Land Item	SCHEDULE: 1	100				
Description =	TEMP. UTILITIES			Unit =	LS	Takeoff Quan:	1.000	Engr Quan:		0.000
010607	Temp Toilets			Quan:	1.00	EAM Hrs/Shft:	8.00	Cal:	508	WC: WA0201
										**Unreviewed **Summ Code: TRO
1UTPT	Portable Toilets	1.00	5.00 EAMO		75.000		454			454
====>	Item Totals: 999600 - TEMP. UTILITIES									
\$453.75					[]		454			454
453.750	1 LS						453.75			453.75
BID ITEM = 999700				Land Item	SCHEDULE: 1	100				
Description =	BONDS, INSURANCE, PERMITS, FEES			Unit =	LS	Takeoff Quan:	1.000	Engr Quan:		0.000
010701	Bonds - General Contractor			Quan:	1.00	LS	Hrs/Shft:	8.00	Cal:	508
										WC: WA0201
										**Unreviewed **Summ Code: FOH
1BIPP	P&P Bond	1.00	1.00 LS		1.000		1			1
010702	Bonds - Subcontractors			Quan:	1.00	LS	Hrs/Shft:	8.00	Cal:	508
										WC: WA0201
										**Unreviewed **Summ Code: FOH
	<i>There are no cost resources for this activity.</i>									
010703	Builder's Risk Insurance			Quan:	1.00	LS	Hrs/Shft:	8.00	Cal:	508
										WC: WA0201
										**Unreviewed **Summ Code: FOH
1BIBR	Builder's Risk Insurance	1.00	1.00 LS		1.000		1			1
010704	Licenses/Permits/Fees			Quan:	1.00	LS	Hrs/Shft:	8.00	Cal:	508
										WC: WA0201
										**Unreviewed **Summ Code: FOH
1PE	Permitting Expenses	1.00	1.00 LS		1.000		1			1
010705	Taxes			Quan:	1.00	LS	Hrs/Shft:	8.00	Cal:	508
										WC: WA0201
										**Unreviewed **Summ Code: FOH
1BIBOLO	Local B&O Tax	1.00	1.00 LS		1.000		1			1
1BIBOST	State B&O Tax	1.00	1.00 LS		1.000		1			1
\$2.42					[]		2			2
							2.42			2.42
010706	Insurance gain/Loss			Quan:	1.00	LS	Hrs/Shft:	8.00	Cal:	508
										WC: WA0201
										**Unreviewed **Summ Code: FOH
	<i>There are no cost resources for this activity.</i>									
010707	Legal Fees			Quan:	1.00	LS	Hrs/Shft:	8.00	Cal:	508
										WC: WA0201
										**Unreviewed **Summ Code: FOH
1LGCO	Legal Counsel	1.00	1.00 HR		250.000		303			303
010708	RR Protective Insurance			Quan:	1.00	LS	Hrs/Shft:	8.00	Cal:	508
										WC: WA0201
										**Unreviewed **Summ Code: FOH
1BIRR	RR Insurance	1.00	1.00 LS		1.000		1			1

Activity	Desc	Quantity	Unit	Unit Cost	Labor	Equip. All Costs	Expend. Matls.	Perm. Matls.	Sub Contract	Total
BID ITEM = 999700			Land Item	SCHEDULE: 1	100					
Description =	BONDS, INSURANCE, PERMITS, FEES		Unit =	LS	Takeoff	Quan:	1.000	Engr	Quan:	0.000
010709	Tort Claims		Quan:	1.00 LS	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
								**Unreviewed	**Summ Code: FOH	
1LGTO	Tort Claims	1.00	1.00 LS	1.000			1			1
010710	Owner's Contract Protect Ins		Quan:	1.00 LS	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
								**Unreviewed	**Summ Code: FOH	
1BIOC	OCP	1.00	1.00 LS	1.000			1			1
010713	Liability Insurance		Quan:	1.00 LS	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
								**Unreviewed	**Summ Code: FOH	
1BICG	Contractor's General Liabili	1.00	1.00 LS	1.000			1			1
010714	Project Financing Cost		Quan:	1.00 LS	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
								**Unreviewed	**Summ Code: FOH	
	<i>There are no cost resources for this activity.</i>									
010715	JV Expenses		Quan:	1.00 LS	Hrs/Shft:	8.00	Cal: 508	WC: WA0201		
								**Unreviewed	**Summ Code: FOH	
	<i>There are no cost resources for this activity.</i>									
====>	Item Totals:	999700	- BONDS, INSURANCE, PERMITS, FEES							
\$313.39				[]			313			313
313.390		1 LS					313.39			313.39

There are no cost resources for this activity.

There are no cost resources for this activity.

[illegible]

Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Labor	Equip. All Costs	Expend. Mails.	Perm. Mails.	Sub Contract	Total
BID ITEM = 999800			Land Item	SCHEDULE: 1	100					
Description =	EQUIPMENT		Unit =	LS	Takeoff Quan:		1,000	Engr Quan:		0.000
====>	Item Totals:	999800	- EQUIPMENT							
\$38,729.70	100.0000 MH/LS	100.00	MH	[5247.72]	8,725	16,695	13,310			38,730
38,729.700	1 LS				8,724.89	16,694.81	13,310.00			38,729.70
BID ITEM = 999900			Land Item	SCHEDULE: 1	100					
Description =	MISCELLANEOUS		Unit =	LS	Takeoff Quan:		1,000	Engr Quan:		0.000
====>	Item Totals:	999900	- MISCELLANEOUS							
\$0.00				[]						
0.000	1 LS									
Total of Above Sub-Biditems										
====>	Item Totals:	999000	- Project Indirects							
\$106,833.29	100.0000 MH/LS	100.00	MH	[5247.72]	42,556	22,684	41,593			106,833
106,833.290	1 LS				42,555.79	22,684.31	41,593.19			106,833.29
\$740,069.50	*** Report Totals ***	1,969.00	MH		197,932	81,216	149,991	170,153	140,778	740,070

>>> indicates Non Additive Activity

-----Report Notes:-----

The estimate was prepared with BID Quantities.

This report shows TAKEOFF Quantities with the resources.

"Unreviewed" Activities are marked.

Bid Date: Owner: Engineering Firm:

Estimator-In-Charge:

JOB DOES NOT HAVE NOTES

* on units of MH indicate average labor unit cost was used rather than base rate.

[] in the Unit Cost Column = Labor Unit Cost Without Labor Burdens

In equipment resources, rent % and EOE % not = 100% are represented as XXX%YYY where XXX=Rent% and YYY=EOE%

-----Calendar Codes-----

410 4 - 10 HR DAYS
508 5 - 8 HR DAYS STD WORK WEEK (Default Calendar)
509 5 - 9 HR DAYS
510 5 - 10 HR DAYS
610 6 - 10 HR DAYS
612 6 - 12 HR DAY
S10 SATURDAY - 10 HR DAY
S12 SATURDAY - 12 HR DAY
S8 SATURDAY - 8 HR DAY
SX8 SAT & SUN - 8 HR DAY
W1S WEEKEND SINGLE SHIFT NIGHTS
W2S WEEKEND WORK ROUND CLOCK
X10 SUNDAY - 10 HR DAY
X12 SUNDAY - 12 HR DAY

[illegible]