

**JEFFERSON COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA REQUEST**

TO: Board of County Commissioners
FROM: Sheriff Anthony Hernandez (by Larry Southwick, Project Manager)
DATE: July 6, 2010
RE: JEFFCOM 9-1-1 Improvements Change Order Requests No. 10, 11, 12 and 13

STATEMENT OF ISSUE: Approval and execution of Change Order Request (COR) No. 10 in the amount of \$6,167.00, COR No. 11 in the amount of \$10,469.00, COR No. 12 in the amount of \$11,165.00 and COR No. 13 in the amount of \$23,132.00, all for Buchanan General Contracting Company (Contractor).

ANALYSIS: On January 25, 2010, the Board of County Commissioners approved and executed a contract with Buchanan General Contracting Company, P.O. Box 40069, Bellevue, WA 98015 for the construction of the JeffCom 9-1-1 Radio System Improvement Project. Construction started at the South (Coyle) and Maynard Peak sites on February 8. Work began at the Green Mountain site the first week of March. The following CORs are essential for the completion of construction at the Maynard Peak, Green Mountain and Port Townsend sites. Change Order Request No. 10, 11, 12 and 13 are attached for your approval and execution.

COR No. 10 is for an additional 'ice bridge' (a structure to support and protect the microwave guides and cabling from the tower to the equipment structure) to be constructed at the Maynard Peak site. The original design and bid included one 'ice bridge' and a second one is required.

COR No. 11 is for an additional 'ice bridge' to be constructed at the Green Mountain site. The original design and bid included one 'ice bridge' to the tower but it needs to be extended to the vertical 'cable ladder' which carries the cabling up the tower.

COR No. 12 is for the revised propane fuel tank foundation slab and protective bollards at the Green Mountain site. COR No. 3 deleted the original designed fuel tank enclosure included in the bid but didn't include these costs for the revised design and construction.

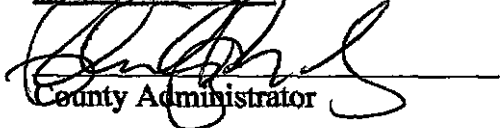
COR No. 13 is for construction of the access road and preparation for the Port Townsend water reservoir site for access by the geotechnical engineers for soil testing which is required for the design and permitting.

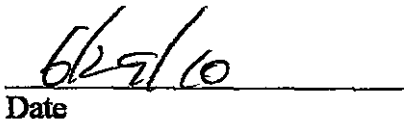
These CORs were approved by the JeffCom Administrative Board on June 24, 2010.

FISCAL IMPACT: Funds will be provided by the JeffCom Enhancement Fund 121 which was funded by a 2007 bond issue. The total amount of the original contract with sales tax is \$364,728.08. Change Order Requests No. 1 through 9 increased the current approved cost to \$399,798.08. The total of CORs 10, 11, 12 and 13 is \$50,933.00 bringing the new total to \$450,731.08. The total of CORs 1 through 13 is \$86,003.00 or 23.58% of the original contract. Sufficient funds are available.

RECOMMENDATION: Move to approve and execute Change Order Request No. 10, 11, 12 and 13 to the JeffCom 911 Radio System Improvement Contract with Buchanan General Contracting Company.

REVIEWED BY:


County Administrator


Date

JEFFCOM 9-1-1 Radio System Improvements
CHANGE ORDER REQUEST No. 10, 11, 12 and 13

CONTRACTOR:	Buchanan General Contracting Company
CONTACT PERSON:	Terry Buchanan
ADDRESS:	P.O. Box 40069, Bellevue, WA 98015
TELEPHONE NUMBER:	(425) 462-1326
E-MAIL:	terry@buchanangc.com
DEPARTMENT:	JEFFCOM 9-1-1
JEFFCOM 9-1-1 CONTACT:	Sheriff Anthony Hernandez (by Larry Southwick)
TELEPHONE NUMBER:	(360) 385-3831 (Southwick 360-379-2878)
PROJECT:	JEFFCOM 9-1-1 Radio System Improvement Project
AMOUNT:	\$50,933.00
FUND SOURCE:	Encumbered JEFFCOM 9-1-1 Enhancement Funds
CONTRACT DURATION:	90 working days from February 8, 2010

JEFFCOM 9-1-1 Radio System Improvements
CHANGE ORDER REQUEST No. 10

On January 23, 2010, Jefferson County executed a Contract with Buchanan General Contracting Company (Contractor) for the public works construction of JeffCom 911 Radio System Improvements in the amount of \$364,721.00 including local and state sales tax. Previously approved Change Order Requests (COR) No. 1 through 9 bring the approved project total to \$399,791.00 to date. Proposed COR No. 10 in the amount of \$6,467.00 would bring that total to \$405,965.00 (an 11.31% increase).

The scope of work for the project is described in the Contract, Amendments to Standard Specifications and on the Plans that are included in the original Contract. That scope of work is hereby amended as follows:

Provide labor, equipment, material and supervision to install a second ice bridge at Maynard Peak from the equipment shelter to the tower in accordance with the plans provided.

The Contract amount is hereby amended as follows:

On June 1, 2010, the Contractor provided a price quote of \$6,187.00 for COR No. 10 (copy attached) for the extra costs related to the installation of the second ice bridge. The total Contract amount is hereby amended to \$405,965.00.

There is no change to the Contract time of ninety (90) working days. There are no changes to any other provisions of the Contract than stated herein.

Executed by the Contractor June 1, 2010

BUCHANAN GENERAL CONTRACTING CO.
Contractor
By: **Thomas Horvath**

SEAL:

COUNTY OF JEFFERSON
BOARD OF COMMISSIONERS

David W. Sullivan, Chair

Phil Johnson, Member

John Austin, Member

ATTEST:

Eric Lundgren,
Deputy Clerk of the Board



June 1, 2010

Little Construction
2009 4th Street
Port Townsend, WA 98368

Attention: Alex Little

Reference: JEFFCOMM 911
CE10 – Additional Ice Bridge – Maynard Peak

Dear Alex,

We are pleased to submit a lump sum quotation of \$6,167.00 to provide all of the labor, material, equipment and supervision to install additional ice bridge at the Maynard Peak site per the provided design. A copy of our breakdown is attached.

Please issue an authorization to proceed with this additional work. Thank you.

Very Truly Yours,
Buchanan General Contracting Company

Terry Buchanan
Project Manager

Cc: Larry Southwick

BGC Code	Description	Quantity	Labor		Material		Subcontractor		Total Cost	Notes
			Unit	Total	Unit	Total	Unit	Total		
GENERAL CONDITIONS										
	Superintendent	12 hr	49.63	596	0.00	0	0.00	0	596	
	As built drawings	1 ls	0.00	0	0.00	0	35.00	35	35	
	Telephone	0.10 mo	0.00	0	225.00	23	0.00	0	23	
	Subsistence Superintendent	2 da	0.00	0	10.00	20	0.00	0	20	tolls
	Subsistence Craft	3 da	0.00	0	25.00	75	0.00	0	75	fuel & tolls
	Travel trucks	1.0 ea	0.00	0	75.00	75	0.00	0	75	
	Construction equipment	0.10 mo	0.00	0	480.00	48	0.00	0	48	
	Pick up truck	0.10 mo	0.00	0	615.00	62	0.00	0	62	
	Small tools	0.10 mo	0.00	0	480.00	48	0.00	0	48	
	Fuel and maintenance	0.10 mo	0.00	0	1275.00	128	0.00	0	128	
	Fuel adjustment	0.10 mo	0.00	0	0.00	0	0.00	0	0	none
SUBTOTAL GENERAL CONDITIONS				596		478		35	1108	
Furnish & Install Additional Ice Bridge										
	pick-up & deliver components	3 hr	15.00	45	0.00	0	0.00	0	45	
	auger bridge posts 36"x12"	1 ea	30.00	30	80.00	80	0.00	0	110	
	buy & set 3 1/2" post & cap	1 ea	15.00	15	143.00	143	0.00	0	158	B237
	buy, tie & set rebar @ 20# ea	20 #	0.75	15	0.03	1	1.20	24	40	
	hand mix sack concrete @ post	4 sk	7.50	30	6.50	26	0.00	0	56	
	buy & set 3 1/2" footed post & cap	1 ea	15.00	15	148.00	148	0.00	0	163	B279
	parabolts @ footed post	4 ea	3.00	12	3.50	14	0.00	0	26	
	buy & set 24" grip strut	20 lf	3.00	60	28.00	560	0.00	0	620	
	arm over brackets	2 ea	15.00	30	55.00	110	0.00	0	140	B1211
	coax support assembly @ 3' oc	7 ea	15.00	105	50.00	350	0.00	0	455	B1890
Grounding @ New Ice Bridge										
	hand excavate to ground ring	1 hr	15.00	15	0.00	0	0.00	0	15	
	ground added posts	2 ea	15.00	30	40.00	80	0.00	0	110	
	added ground buss bar	1 ea	30.00	30	125.00	125	0.00	0	155	
	tie new buss bar into ground ring	1 ea	30.00	30	30.00	30	0.00	0	60	
				1,058		2,144		59	3,261	
Labor Adjustment			208.93%	965		0		0	965	
Labor Taxes			31.65%	640		0		0	640	
Total Labor, Material, & Sub				2,663		2,144		59	4,866	
Overhead & Fee							13.50%		657	
Sub Total									5,523	
B&O, & Insurance							3.01%		166	
Sub Total									5,689	
WSST							8.40%		478	
Total Bid									\$6,167	

JEFFCOM 9-1-1 Radio System Improvements
CHANGE ORDER REQUEST No. 11

On January 25, 2010, Jefferson County executed a Contract with Buchanan General Contracting Company (Contractor) for the public works construction of JeffCom 911 Radio System Improvements in the amount of \$364,721.08 including local and state sales tax. Previously approved Change Order Requests (COR) No. 1 through 9 bring the approved project total to \$399,798.08 to-date. Proposed COR No. 10 and 11 in the amounts of \$6,167.00 and \$10,469.00 respectively would bring that total to \$416,434.08 (an 14.18% increase)

The scope of work for the project is described in the Contract, Amendments to Standard Specifications and on the Plans that are included in the original Contract. That scope of work is hereby amended as follows:

Provide labor, equipment, material and supervision to install additional ice bridge at Green Mountain from the equipment shelter to the cable ladder in accordance with the plans provided.

The Contract amount is hereby amended as follows:

On June 1, 2010, the Contractor provided a price quote of \$10,469.00 for COR No. 11 (copy attached) for the extra costs related to the installation of the additional ice bridges. The total Contract amount is hereby amended to \$416,434.08.

There is no change to the Contract time of ninety (90) working days. There are no changes to any other provisions of the Contract than stated herein.

Executed by the Contractor June 1, 2010

[Signature]
Contractor

By: [Signature]

SEAL:

COUNTY OF JEFFERSON
BOARD OF COMMISSIONERS

[Signature]
David W. Sullivan, Chair

[Signature]
Phil Johnson, Member

[Signature]
John Austin, Member

ATTEST:

[Signature]
Eric Landgren,
Deputy Clerk of the Board



June 1, 2010

Little Construction
2009 4th Street
Port Townsend, WA 98368

Attention: Alex Little

Reference: JEFFCOMM 911
CE11 – Additional Ice Bridge – Green Mountain

Dear Alex,

We are pleased to submit a lump sum quotation of \$10,469.00 to provide all of the labor, material, equipment and supervision to install additional ice bridge at the Green Mountain site per the provided design. A copy of our breakdown is attached.

Please issue an authorization to proceed with this additional work. Thank you.

Very Truly Yours,
Buchanan General Contracting Company

Terry Buchanan
Project Manager

Cc: Larry Southwick

BGC Code	Description	Quantity	Labor		Material		Subcontractor		Total Cost	Notes
			Unit	Total	Unit	Total	Unit	Total		
GENERAL CONDITIONS										
	Superintendent	16 hr	49.63	794	0.00	0	0.00	0	794	
	As built drawings	1 ls	0.00	0	0.00	0	35.00	35	35	
	Telephone	0.10 mo	0.00	0	225.00	23	0.00	0	23	
	Subsistence Superintendent	2 da	0.00	0	10.00	20	0.00	0	20	tolls
	Subsistence Craft	6 da	0.00	0	25.00	150	0.00	0	150	fuel & tolls
	Travel trucks	1.0 ea	0.00	0	75.00	75	0.00	0	75	
	Construction equipment	0.10 mo	0.00	0	480.00	48	0.00	0	48	
	Pick up truck	0.10 mo	0.00	0	615.00	62	0.00	0	62	
	Small tools	0.10 mo	0.00	0	480.00	48	0.00	0	48	
	Fuel and maintenance	0.10 mo	0.00	0	1275.00	128	0.00	0	128	
	Fuel adjustment	0.10 mo	0.00	0	0.00	0	0.00	0	0	none
SUBTOTAL GENERAL CONDITIONS				794		553		35	1382	
Furnish & Install Additional Ice Bridge										
	pick-up & deliver components	3 hr	15.00	45	0.00	0	0.00	0	45	
	hand excavate post pads 3'x2'x2'	4 ea	30.00	120	0.00	0	0.00	0	120	
	2x4 forms @ top	40 lf	1.50	60	1.65	66		0	126	
	buy, tie & set rebar @ 20# ea	80 #	0.75	60	0.03	2	1.20	96	158	
	buy & place concrete post piers	1.5 cy	30.00	45	143.00	215	150.00	225	485	short load
	buy & set 3 1/2" footed post & cap	4 ea	15.00	60	148.00	592	0.00	0	652	B279
	parabolts @ footed post	16 ea	3.00	48	3.50	56	0.00	0	104	
	buy & set 24" grip strut	30 lf	3.00	90	28.00	840	0.00	0	930	
	arm over brackets	4 ea	15.00	60	55.00	220	0.00	0	280	B1211
	coax support assembly @ 3' oc	9 ea	15.00	135	50.00	450	0.00	0	585	B1890
Grounding @ New Ice Bridge										
	hand excavate to ground ring	2 hr	15.00	30	0.00	0	0.00	0	30	
	ground added posts	4 ea	15.00	60	40.00	160	0.00	0	220	
	added ground buss bar	1 ea	30.00	30	125.00	125	0.00	0	155	
	tie new buss bar into ground ring	1 ea	30.00	30	30.00	30	0.00	0	60	
				1,667		3,308		356	5,331	
Labor Adjustment			208.93%	1,824		0		0	1,824	
Labor Taxes			31.65%	1,105		0		0	1,105	
Total Labor, Material, & Sub				4,596		3,308		356	8,260	
Overhead & Fee							13.50%		1,115	
Sub Total									9,376	
B&O, & Insurance							3.01%		282	
Sub Total									9,658	
WSST							8.40%		811	
Total Bid									\$10,469	

JEFFCOM 9-1-1 Radio System Improvements
CHANGE ORDER REQUEST No. 12

On January 23, 2010, Jefferson County executed a Contract with Buchanan General Contracting Company (Contractor) for the public works construction of JeffCom 911 Radio System Improvements in the amount of \$364,721.08 including local and state sales tax. Previously approved Change Order Requests (COR) No. 1 through 9 bring the approved project total to \$399,798.08 to date. Proposed COR No. 10, 11 and 12 in the amounts of \$5,167.00, \$10,469.00 and \$11,165.00 respectively would bring that total to \$427,599.08 (a 17.24% increase)

The scope of work for the project is described in the Contract, Amendments to Standard Specifications and on the Plans that are included in the original Contract. That scope of work is hereby amended as follows:

Provide labor, equipment, material and supervision to install and ground the foundation slab and bollards for the propane fuel tank in accordance with the plans provided.

The Contract amount is hereby amended as follows:

On June 1, 2010, the Contractor provided a price quote of \$11,165.00 for COR No. 12 (copy attached) for the extra costs related to the construction of the foundation slab and bollards for the propane fuel tank. The total Contract amount is hereby amended to \$427,599.08.

There is no change to the Contract time of ninety (90) working days. There are no changes to any other provisions of the Contract than stated herein.

Executed by the Contractor June 1, 2010

~~_____~~
Contractor
By: ~~_____~~
~~_____~~

SEAL:

COUNTY OF JEFFERSON
BOARD OF COMMISSIONERS

David W. Sullivan, Chair

Phil Johnson, Member

John Austin, Member

ATTEST:

Eric Lundgren,
Deputy Clerk of the Board



June 1, 2010

Little Construction
2009 4th Street
Port Townsend, WA 98368

Attention: Alex Little

Reference: JEFFCOMM 911
CE12 – Fuel Tanks Slab and Bollards – Green Mountain

Dear Alex,

We are pleased to submit a lump sum quotation of \$11,165.00 to provide all of the labor, material, equipment and supervision to install the revised fuel tank slab at the Green Mountain site after we credited back the original slab in Change Estimate Three. A copy of our breakdown is attached.

Please issue an authorization to proceed with this additional work. Thank you.

Very Truly Yours,
Buchanan General Contracting Company

Terry Buchanan
Project Manager

Cc: Larry Southwick

CE12 - Fuel Tank Slab and Bollards, Green Mountain

BGC Code	Description	Quantity	Labor		Material		Subcontractor		Total Cost	Notes	
			Unit	Total	Unit	Total	Unit	Total			
<u>GENERAL CONDITIONS</u>											
	Superintendent	24 hr	49.63	1,191	0.00	0	0.00	0	1,191		
	As built drawings	1 ls	0.00	0	0.00	0	35.00	35	35		
	Telephone	0.15 mo	0.00	0	225.00	34	0.00	0	34		
	Subsistence Superintendent	3 da	0.00	0	10.00	30	0.00	0	30	tolls	
	Subsistence Craft	7 da	0.00	0	25.00	175	0.00	0	175	fuel & tolls	
	Travel trucks	2.0 ea	0.00	0	75.00	150	0.00	0	150		
	Construction equipment	0.15 mo	0.00	0	480.00	72	0.00	0	72		
	Pick up truck	0.15 mo	0.00	0	615.00	92	0.00	0	92		
	Small tools	0.15 mo	0.00	0	480.00	72	0.00	0	72		
	Fuel and maintenance	0.15 mo	0.00	0	1275.00	191	0.00	0	191		
	Fuel adjustment	0.15 mo	0.00	0	0.00	0	0.00	0	0	none	
SUBTOTAL GENERAL CONDITIONS					1191		816		35	2042	
<u>ADD PROPANE TANK SLAB - 6'x18'</u>											
1/0	hand excavate thickened edge	3 cy	22.50	68	0.00	0	0.00	0	68		
1/2	load, haul & dispose of debris	4 cy	3.75	15	6.50	26	0.00	0	41		
	fine grade & compact	108 sf	0.66	71	0.00	0	0.00	0	71		
	24" edge forms - 48'	48 sf	1.80	86	1.75	84	0.00	0	170		
	buy & place rebar	160 #	0.28	45	0.03	5	0.65	104	154		
	3/4" champher strip	53 lf	0.45	24	0.35	19	0.00	0	42		
	screeds	108 sf	0.12	13	0.12	13	0.00	0	26		
	buy & place concrete 6"	6 cy	15.00	90	87.00	522	0.00	0	612		
	finish concrete	108 sf	0.45	49	0.00	0	0.00	0	49		
	cure & protect	108 sf	0.10	11	0.08	9	0.00	0	19		
<u>BUY & PLACE 6" PIPE BOLLARDS</u>											
	pick-up & deliver bollards	3 hr	15.00	45	0.00	0	0.00	0	45		
	hand excavate for bollards	5 ea	30.00	150	0.00	0	0.00	0	150		
1/2	load, haul & dispose of debris	2 cy	3.75	8	6.50	13	0.00	0	21		
	buy & place 6" galvanized bollards	5 ea	30.00	150	195.00	975	0.00	0	1,125		
	buy & place concrete @ bollards	2.5 cy	30.00	75	87.00	218	0.00	0	293		
<u>Grounding @ Bollards</u>											
	hand excavate to ground ring	4 hr	15.00	60	0.00	0	0.00	0	60		
	ground pipe bollards	5 ea	15.00	75	40.00	200	0.00	0	275		
				2,225		2,899		139	5,263		
Labor Adjustment			208.93%	2,160		0		0	2,160		
Labor Taxes			31.65%	1,388		0		0	1,388		
Total Labor, Material, & Sub				5,772		2,899		139	8,810		
Overhead & Fee							13.50%		1,189		
Sub Total									9,999		
B&O, & Insurance							3.01%		301		
Sub Total									10,300		

JERECOM 9-1.1 Radio System Improvements
CHANGE ORDER REQUEST No. 13

On January 25, 2010, Jefferson County executed a Contract with Buchanan General Contracting Company (Contractor) for the public works construction of JERECOM 911 Radio System Improvements in the amount of \$664,728.00 including local and state sales tax. Previously approved Change Order Requests (CORs) Nos. 1 through 9 being the approved project status \$399,758.00 to date. Proposed COR No. 10, 11, 12 and 13 in the amounts of \$6,167.00, \$10,469.00, \$11,163.00 and \$28,102.00 respectively would bring that total to \$450,734.00 (a 23.52% increase)

The scope of work for the project is described in the Contract, Addendums to Standard Specifications and on the Plans that are included in the original Contract. That scope of work is hereby amended as follows:

Provide labor, equipment, materials and supervision to construct a new access road, clear and prepare the Port Townsend water reservoir site for access by the geotechnical engineers in accordance with the plans provided.

The Contract amount is hereby amended as follows:

On June 1, 2010, the Contractor provided a price quote of \$25,112.00 for COR No. 13 (copy attached) for the extra costs related to the construction of the access road and preparation of the Port Townsend water reservoir site. The total Contract amount is hereby amended to \$450,734.00.

There is no change to the Contract time of ninety (90) working days. There are no changes to any other provisions of the Contract than stated herein.

Executed by the Contractor June 1, 2010

Buchanan General Cont. Co.
Contractor

By: [Signature]
PROJECT MANAGER

SEAL:

**COUNTY OF JEFFERSON
BOARD OF COMMISSIONERS**

David W. Sullivan, Chair

Paul Johnson, Member

John Austin, Member

ATTEST:

Erin Lundgren,
Deputy Clerk of the Board

BUCHANAN
GENERAL CONTRACTING COMPANY

July 17, 2018

Little Construction
2000 4th Street
Fort Townsend, WA 98341

Attention: Alex Little

Reference: JBHC0001 911
CE13 - Gravel Access, Option #2, Fort Townsend

Dear Alex,

We are pleased to submit a lump sum quotation of \$21,807.00 to provide all of the labor, material, equipment and supervision to provide a new access road and prep the new compound area of the Fort Townsend site per the Option #2 request for access for the geotechnical engineers. A copy of our memorandum is attached.

Please have an authorization to proceed with this proposal. Thank you.

Very Truly Yours,
Buchanan General Contracting Company

Tony Buchanan
Project Manager

Cc: Larry Swadwick

BGC Code	Description	Quantity	Labor		Material		Subcontractor		Total Cost	Notes
			Unit	Total	Unit	Total	Unit	Total		
General Conditions										
SUPERINTENDENT										
	Superintendent	24 hr	49.63	1,191	0.00	0	0.00	0	1,191	
	Meetings & Reporting	4 hr	49.63	199	0.00	0	0.00	0	199	
	Site Walks	2 hr	49.63	99	0.00	0	0.00	0	99	
	Telephone	0.37 mo	0.00	0	225.00	83	0.00	0	83	
	Subsistence Superintendent	8 da	0.00	0	10.00	80	0.00	0	80	toles
	Subsistence Craft	8 da	0.00	0	25.00	200	0.00	0	200	fuel & toles
	Travel trucks	2 ea	0.00	0	75.00	150	0.00	0	150	
	Job office	1 ls	0.00	0	90.00	90	0.00	0	90	
	Sanitary convenience	1 ls	0.00	0	130.00	130	0.00	0	130	
	Local yard (composite rate)	2 hr	40.03	80	32.50	65	0.00	0	145	
	Disposal	1 ea	80.06	80	97.50	98	115.00	115	293	
	Mobilize & Demobilize	2 hr	40.03	80	32.50	65	0.00	0	145	
	Safety	2 hr	49.63	99	25.00	50	0.00	0	149	
	Construction equipment	0.37 mo	0.00	0	295.00	109	0.00	0	109	
	Pick up truck	0.37 mo	0.00	0	650.00	241	0.00	0	241	
	Tool sharpening	1 ls	0.00	0	0.00	0	0.00	0	0	
	Job photos	1 ls	0.00	0	50.00	50	0.00	0	50	
	Small tools	0.37 mo	0.00	0	295.00	109	0.00	0	109	
	Fuel and maintenance	0.37 mo	0.00	0	1000.00	370	0.00	0	370	
	Fuel adjustment	0.37 mo	0.00	0	0.00	0	0.00	0	0	none
	Locates	4 hr	0.00	0	0.00	0	125.00	500	500	
	Foreman (carpenter)	4 hr	48.63	195	0.00	0	0.00	0	195	
	Survey and Engineer Site	1 ls	0.00	0	80.00	80	0.00	0	80	
SUBTOTAL GENERAL CONDITIONS				2023		1970		615	4607	
EQUIPMENT										
	1 s/c		0.00	0	0.00	0	0.00	0	0	
	Mob/demob equipment	1 ls	0.00	0	0.00	0	430.00	430	430	
SITWORK										
	1 s/c		0.00	0	0.00	0	0.00	0	0	
Access Road - 15'x30' w/flares										
	1 s/c		0.00	0	0.00	0	0.00	0	0	
	580 Backhoe	7 hr	0.00	0	0.00	0	125.00	875	875	
	10cy Dump	2 hr	0.00	0	0.00	0	90.00	180	180	
2/0	clear & grub	50 sy	0.60	30	0.00	0	0.00	0	30	
1/2	load, haul & dispose	10 cy	1.50	15	8.00	80	0.00	0	95	
2/0	rough grade & compact	50 sy	0.60	30	0.00	0	0.00	0	30	
	compactor	0.5 da	30.00	15	115.00	58	0.00	0	73	
	filter fabric	675 sf	0.09	57	0.15	101	0.00	0	159	
2/0	import & place gravel @ 6"	10 cy	3.00	30	23.45	235	0.00	0	265	
	finish grade	45 sy	0.67	30	0.00	0	0.00	0	30	
	plate compactor - clean-up	0.5 da	30.00	15	115.00	58	0.00	0	73	
Compound - 50'x12' + 30'x30'										
	1 s/c		0.00	0	0.00	0	0.00	0	0	
	580 Backhoe	18 hr	0.00	0	0.00	0	125.00	2250	2,250	
	10cy Dump	6 hr	0.00	0	0.00	0	90.00	540	540	
	cut down trees & heavy brush	8 hr	15.00	120	0.00	0	0.00	0	120	

BGC Code	Description	Quantity	Labor		Material		Subcontractor		Total Cost	Notes
			Unit	Total	Unit	Total	Unit	Total		
1/0	CHAIN LINK FENCE - 6'CLF	1 s/c	0.00	0	0.00	0	1158.00	1158	1,158	viking john
	580 Backhoe	1 hr	0.00	0	0.00	0	125.00	125	125	
	10cy Dump	0 hr	0.00	0	0.00	0	0.00	0	0	
	open existing fence	15 lf	2.00	30	0.00	0	0.00	0	30	
	pull fence posts	2 ea	0.00	0	0.00	0	0.00	0	0	
	load, haul & dispose of debris	2 cy	7.50	15	10.00	20	30.00	60	95	
	install to permanent gate posts	2 ea	0.00	0	0.00	0	0.00	0	0	
	12' double gate	1 ea	0.00	0	0.00	0	0.00	0	0	
			3,314		4,104		6,350		13,769	
Labor Adjustment			198.67%	2,566	0		0		2,566	
Labor Taxes			32.61%	1,918	0		0		1,918	
Total Labor, Material, & Sub				7,798	4,104		6,350		18,252	
Overhead & Fee							13.50%		2,464	
Sub Total									20,716	
B&O, & Insurance							3.01%		624	
Sub Total									21,339	
WSST							8.40%		1,793	
Total Bid									\$23,132	