

**United States Department of the Interior
National Park Service
Class A Construction Cost Estimate
BASIS OF ESTIMATE**

PROJECT INFORMATION

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Apha: BEAR
PMIS: XXXXXX
Estimate Date: 1/12/2011
Prepared By: YtB
Company: NPS Bear Arbor NRA
Address: 123 Bruin Meadows Rd.
City, State Zip: Grizzley Hollow, CA 96023
Phone: (555) 123-4567

BACKGROUND SUPPORTING MATERIAL (Scope of Work):

Existing parking lot will be upgraded, re-configured within existing disturbed area, for 40 car spaces, 5 ADA Spaces, 2 van spaces, 10 RV pull throughspaces, and paved. Existing pit toilets will be removed and replaced with a wet comfort station including septic system with in tank bio reactor treatment, and liquid disposal field; NEW WATER WELL NOW REQUIRED. The existing picnic area will be rehabilitated and modified to meet ABBAS accessibility standards. Trail connections will be formalized and upgraded; portions will be made accessible to facilitate access to Bruin Meadows overlook. Existing uncontrolled social trails will be restored to natural and a channelizing seat-resistant wood rail fence added to direct movement from parking area to trail connection. The septic system incorporates a new technology in-tank sanitary treatment process that will be pre ordered and supplied by NPS as GFP. Purchase cost of tank and treatment materials is included in direct cost estimate.

SOURCE OF COST DATA:

Comfort Station unit costs are based a combination of sources that include actual material take-offs and vendor quotes, review of actual final costs and project labor records for a similar facility constructed in 2009 at neighboring Ursa Hollow park. Parking lot costs are based on actual contract prices from Spring 2010 FHWA road project on Bruin Meadows Road adjacent to the site adjusted to remove previous O&P. Purchase price for the prefabricated Septic-King™ is an actual vendor quote FOB park warehouse. Supplemental cost were obtained from RS Means, Facilities Cost Data (FCCD), 25th Annual Edition. WHENEVER RSMEANS BARE UNIT COSTS WERE USED FROM THE FCCD DATA, 10% WAS ADDED TO MATERIALS & EQUIPMENT AND 60% TO LABOR TO ACCOUNT FOR INSTALLER (SUB) O&P

ESTIMATE ASSUMPTIONS:

Estimate assumes that all improvements will be constructed as a single project during one construction season. East half of existing dirt parking area and trailhead will remain in operation until new paved lot and walk connections are completed. 2nd half of existing lot will be available for contractor laydown/equipment area, but contractor's labor force must park at maintenance yard 5 miles away and be shuttled into site. Shuttle costs and additional portable toilet cost impacts are included in Government Special Conditions. Septic-King™ system will be preordered by the Park to avoid long lead time from impacting installation schedule.

MAJOR CHANGES FROM PREVIOUS ESTIMATE:

Parking lot configuration changed slightly to accommodate RV pull through spaces. Existing dirt parking area will be gravel surfaced for use as overflow parking and equestrian staging area. Photo-voltaic system has been deleted for budgetary purposes, viewshed impacts, concerns over viewshed impacts and negative results of net life-cycle payback analysis. Water is not available in road; well added to service wet comfort station - assumes 1200 VLF depth.

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DESCRIPTION OF MARK-UP & ADD-ONS:

Design Contingency:	<u>2.00%</u>	This is the 100% Draft CD submittal, but a few design details relating to septic and electric systems are still changing.
Standard. General Conditions:	<u>0.00%</u>	Percentage mark-up not used. Please refer to itemized General conditions estimate for each CLI
Government General Conditions:	<u>3.00%</u>	Most costs are covered in Standard GC. 3% additional as cost offset to accommodate crew shuttle, dignitary events and multi-layer oversight disruptions.
Contractor Overhead:	<u>8.50%</u>	Anticipate using a small contractor with limited fixed overhead costs and austerity under current market conditions
Contractor Profit:	<u>10.00%</u>	Current construction market conditions expected to improve modestly by 2013 project date.
Contracting Method Adjustment:	<u>15.00%</u>	Preliminary indications are that negotiated sole-source SBA Section 8a or SDV procurement will be utilized.
Annual Inflation Escalation Factor:	<u>3.60%</u>	Projected annual inflation rate.
Time Until Project Midpoint (Months)	<u>32</u>	January 2011 estimate data date to mid-point of construction, August 2013

OTHER COMMENTS:

Since new comfort station will have deepened grade-beam/strip footing on piers w/PT slab on grade construction, insufficient spoils will be generated to backfill existing pits. After spoils from new septic system are exhausted, we assumed 50% of total backfill quantity will be imported from NPS in park-stockpile. The balance of the on-site grading appears to balance, pending verification of existing topo.

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Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Bid Item No.	Bid Item Description	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Direct Construction Costs	Design Contingency 2.00%	General Conditions 3.00%	General Contractor Overhead 8.50%	General Contractor Profit 10.00%	Contracting Method Adjustment 15.00%	Inflation Escalation		Bid Item Total
											APR	Month	
											3.60%	32	
Bid Item: 1	Replace Pit Toilets with New Comfort Station	TOTAL VALUE OF GOVERNMENT FURNISHED PROPERTY (if any):										\$ 46,000.00	
	A10 Foundations	\$ 30,028	\$ 33,082	\$ 7,293	\$ 70,403								
	A20 Basement Construction	\$ -	\$ -	\$ -	\$ -								
	B10 Superstructure	\$ 15,622	\$ 13,198	\$ 460	\$ 29,280								
	B20 Exterior Enclosure	\$ 35,992	\$ 29,477	\$ -	\$ 65,469								
	B30 Roofing	\$ 18,471	\$ 8,706	\$ -	\$ 27,177								
	C10 Interior Construction	\$ 25,573	\$ 9,308	\$ -	\$ 34,881								
	C30 Interior Finishes	\$ 4,476	\$ 13,424	\$ -	\$ 17,900								
	D20 Plumbing Systems	\$ 26,655	\$ 16,121	\$ -	\$ 42,776								
	D30 HVAC	\$ 1,269	\$ 1,170	\$ -	\$ 2,439								
	D50 Electrical	\$ 8,753	\$ 9,366	\$ -	\$ 18,119								
	F20 Selective Building Demolition	\$ 463	\$ 1,990	\$ 3,862	\$ 6,315								
	G10 Site Preparation	\$ 2,188	\$ 4,362	\$ 6,952	\$ 13,502								
	G20 Site Improvements	\$ 8,900	\$ 7,300	\$ -	\$ 16,200								
	G30 Site Mechanical	\$ 86,213	\$ 32,582	\$ 44,542	\$ 163,337								
	G40 Site Electrical	\$ 5,000	\$ -	\$ -	\$ 5,000								
	XX Standard General Conditions	\$ 31,900	\$ 101,200	\$ 18,610	\$ 151,710								
Total - Bid Item 1	Replace Pit Toilets with New Comfort Station	\$ 301,503	\$ 281,286	\$ 81,719	\$ 664,508	\$ 12,370	\$ 18,926	\$ 55,233	\$ 64,980	\$ 122,403	\$ 92,813	\$ 1,031,234	
Bid Item: 2	Construct New Parking Lot & Site Utilities	TOTAL VALUE OF GOVERNMENT FURNISHED PROPERTY (if any):										\$ -	
	G10 Site Preparation	\$ 2,500	\$ 11,711	\$ 19,776	\$ 33,987								
	G20 Site Improvements	\$ 143,581	\$ 36,335	\$ 43,670	\$ 223,586								
	G30 Site Mechanical	\$ 12,153	\$ 14,232	\$ 4,241	\$ 30,626								
	XX Standard General Conditions	\$ 12,925	\$ 8,350	\$ 6,500	\$ 27,775								
		\$ -	\$ -	\$ -	\$ -								
Total - Bid Item 2	Construct New Parking Lot & Site Utilities	\$ 171,159	\$ 70,628	\$ 74,187	\$ 315,974	\$ 6,319	\$ 9,669	\$ 28,217	\$ 33,196	\$ 59,006	\$ 44,742	\$ 497,123	
Bid Item: 3	Picnic Area & Trailhead Improvements	TOTAL VALUE OF GOVERNMENT FURNISHED PROPERTY (if any):										\$ -	
	G10 Site Preparation	\$ -	\$ 11,860	\$ 4,845	\$ 16,705								
	G20 Site Improvements	\$ 59,448	\$ 25,960	\$ 12,270	\$ 97,678								
	G30 Site Mechanical	\$ 2,125	\$ 2,275	\$ 330	\$ 4,730								
	XX Standard General Conditions	\$ 5,775	\$ 7,550	\$ 2,500	\$ 15,825								
		\$ -	\$ -	\$ -	\$ -								
Total - Bid Item 3	Picnic Area & Trailhead Improvements	\$ 67,348	\$ 47,645	\$ 19,945	\$ 134,938	\$ 2,699	\$ 4,129	\$ 12,050	\$ 14,177	\$ 25,199	\$ 19,107	\$ 212,299	
Total Bid Items 1-3		\$ 540,010	\$ 399,559	\$ 175,851	\$ 1,115,420	\$ 21,388	\$ 32,724	\$ 95,500	\$ 112,353	\$ 206,608	\$ 156,662	\$ 1,740,656	

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Park Alpha: BEAR
PMIS Number: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Bid Item Number	Asset / Project Element / Description	Size/Count	Units
BID ITEM 1	Construct Wet Comfort Station	1000	SF

Item No.	WBS	Description	Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Direct Cost/Unit	Total Direct Costs	NET Cost/Unit	Total NET Costs
1	A10	Foundations	\$ 30.03	\$ 30,028	\$ 33.08	\$ 33,082	\$ 7.29	\$ 7,293	\$ 70.40	\$ 70,402	\$ 109.26	\$ 109,256
2	A20	Basement Construction - INC. IN FOUNDATION	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	B10	Superstructure	\$ 15.62	\$ 15,622	\$ 13.20	\$ 13,198	\$ 0.46	\$ 460	\$ 29.28	\$ 29,279	\$ 45.44	\$ 45,438
4	B20	Exterior Enclosure	\$ 35.99	\$ 35,992	\$ 29.48	\$ 29,477	\$ -	\$ -	\$ 65.47	\$ 65,469	\$ 101.60	\$ 101,600
5	B30	Roofing	\$ 18.47	\$ 18,471	\$ 8.71	\$ 8,706	\$ -	\$ -	\$ 27.18	\$ 27,176	\$ 42.17	\$ 42,174
6	C10	Interior Construction	\$ 25.57	\$ 25,573	\$ 9.31	\$ 9,308	\$ -	\$ -	\$ 34.88	\$ 34,881	\$ 54.13	\$ 54,131
8	C30	Interior Finishes	\$ 4.48	\$ 4,476	\$ 13.42	\$ 13,424	\$ -	\$ -	\$ 17.90	\$ 17,900	\$ 27.78	\$ 27,778
9	D20	Plumbing Systems	\$ 26.65	\$ 26,655	\$ 16.12	\$ 16,121	\$ -	\$ -	\$ 42.78	\$ 42,776	\$ 66.38	\$ 66,383
10	D30	HVAC	\$ 1.27	\$ 1,269	\$ 1.17	\$ 1,170	\$ -	\$ -	\$ 2.44	\$ 2,438	\$ 3.78	\$ 3,784
11	D50	Electrical	\$ 8.75	\$ 8,753	\$ 9.37	\$ 9,365	\$ -	\$ -	\$ 18.12	\$ 18,118	\$ 28.12	\$ 28,117
12	F20	Selective Building Demolition	\$ 0.46	\$ 463	\$ 1.99	\$ 1,990	\$ 3.86	\$ 3,863	\$ 6.32	\$ 6,315	\$ 9.80	\$ 9,800
13	G10	Site Preparation	\$ 2.19	\$ 2,188	\$ 4.36	\$ 4,362	\$ 6.95	\$ 6,952	\$ 13.50	\$ 13,502	\$ 20.95	\$ 20,953
14	G20	Site Improvements	\$ 8.90	\$ 8,900	\$ 7.30	\$ 7,300	\$ -	\$ -	\$ 16.20	\$ 16,200	\$ 25.14	\$ 25,140
15	G30	Site Mechanical Utilities	\$ 86.21	\$ 86,213	\$ 32.58	\$ 32,582	\$ 44.54	\$ 44,543	\$ 163.34	\$ 163,337	\$ 253.48	\$ 253,479
16	G40	Site Electrical Utilities	\$ 5.00	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ 5.00	\$ 5,000	\$ 7.76	\$ 7,759
17	XX	General Conditions	\$ 31.90	\$ 31,900	\$ 101.20	\$ 101,200	\$ 18.61	\$ 18,610	\$ 151.71	\$ 151,710	\$ 235.44	\$ 235,435
18	XX		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19	XX		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Direct Construction Costs			\$ 301.50	\$ 301,501	\$ 281.28	\$ 281,284	\$ 81.72	\$ 81,720	\$ 664.50	\$ 664,505	\$ 1,031.23	\$ 1,031,229
Total Value of Government Furnished Property (GFP) Inc. in Direct Cost				\$46,000.00		\$ -		\$ -	\$ 46,000	\$ 46,000	In most cases GFP is normally zero - see footnote-	
Direct Cost Subtotal without GFP				\$ 255,501		\$ 281,284		\$ 81,720		\$ 618,505		
Design Contingency			2.00%							\$12,370	Notes & Comments:	
Total Direct Construction Costs										\$676,875	Building only direct cost = \$308.44/sf	
Standard General Conditions			0.00%	Applied to Total Direct Construction Cost less GFP						\$0	Building total NET cost = \$474.28/sf	
Government General Conditions			3.00%	Applied to Total Direct Construction Cost less GFP						\$18,926	GFP Septic King Treatment System	
Subtotal NET Construction Cost										\$695,801	Pre-Purchased by Government = \$46,000	
Overhead			8.50%							\$55,233		
Profit			10.00%							\$64,980		
Estimated NET Construction Cost										\$816,014		
Contracting Method Adjustment			15.00%							\$122,402		
Inflation Escalation			32	Months	Annual Rate =	3.60%				\$92,812		
Total Estimated NET Cost of Construction										\$1,031,229		

GFP costs only apply when the Government pre-purchases items, or provides other materials out of Government inventory, to be installed by contractor. Adjustments and Markup on GFP only include Inflation Escalation; No other adjustment factors or O&P markup have been applied.

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Project: Oso Comida Trailhead Improvements:
 Park: Bear Arbor NRA
 Park Alpha: BEAR
 PMIS: XXXXXX

Estimate By: YtB
 Date: 01/12/11
 Reviewed By: BBB
 Date: 01/17/11

Summary Item: **A10 Foundations**

Total Cost: **\$70,402**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
A1010	STANDARD FOUNDATIONS										
31.23.15	Excavate Grade Beam 140'x48", Column footings, overdig 25%, spread spoil onsite	40	CY	\$ -	\$0	\$ 57.78	\$2,311	\$ 13.85	\$554	\$ 71.63	\$2,865
03.15.05	Furnish & Install 6" crushable void form	140	LF	\$ 2.25	\$315	\$ 0.36	\$50	\$ -	\$0	\$ 2.61	\$365
03.11.13	Fabricate & Erect Outside forms	560	SF	\$ -	\$0	\$ 4.14	\$2,318	\$ -	\$0	\$ 4.14	\$2,318
03.21.10	Furnish & Install Steel Reinforcement	3200	LB	\$ 0.66	\$2,112	\$ 3.93	\$12,576	\$ -	\$0	\$ 4.59	\$14,688
03.30.53	Furnish & Pour Concrete 42"x12"	18	CY	\$ 95.50	\$1,719	\$ 25.66	\$462	\$ -	\$0	\$ 121.16	\$2,181
03.30.53	Concrete Waste Factor 10%	1	Allow	\$ 171.90	\$172	\$ -	\$0	\$ -	\$0	\$ 171.90	\$172
03.11.13	Strip, & clean forms	560	SF	\$ -	\$0	\$ 0.52	\$291	\$ -	\$0	\$ 0.52	\$291
03.35.29	Dry Finish top 12"	140	SF	\$ -	\$0	\$ 3.79	\$531	\$ -	\$0	\$ 3.79	\$531
07.27.13	Furnish & Install 2" EPS insulation Board	560	SF	\$ 1.03	\$577	\$ 0.58	\$325	\$ -	\$0	\$ 1.61	\$902
31.23.23	Backfill w/ Hand compact - select import	16	CY	\$ 32.75	\$524	\$ 163.70	\$2,619	\$ 48.50	\$776	\$ 244.95	\$3,919
SUBTOTAL	STANDARD FOUNDATIONS	1000	SF	\$ 5.42	\$5,419	\$ 21.48	\$21,484	\$ 1.33	\$1,330	\$ 28.23	\$28,232

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
A1020	SPECIAL FOUNDATIONS										
03.63.26	Drilled Caisons - 10' OC x 25' -Subcontract	16	EA	\$ 1,120.00	\$17,920	\$ 140.92	\$2,255	\$ 335.00	\$5,360	\$ 1,595.92	\$25,535
31.23.23	Pick up & spread spoil onsite	50	CY	\$ -	\$0	\$ 19.30	\$965	\$ 6.65	\$333	\$ 25.95	\$1,298
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	SPECIAL FOUNDATIONS	1000	SF	\$ 17.92	\$17,920	\$ 3.22	\$3,220	\$ 5.69	\$5,693	\$ 26.83	\$26,832

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Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: **A10 Foundations**

Total Cost: **\$70,402**

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				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
A1030	SLAB ON GRADE - 6" Post tentioned										
03.11.13	Edge form Included in std. foundation	0	Unit	\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
31.23.23	F & I Crushed Aggregate Base - 6"	50	Tons	\$ 22.75	\$1,138	\$ 36.82	\$1,841	\$ -	\$0	\$ 59.57	\$2,979
31.23.23	Fine Grade & Install 4" leveling sand	1000	SF	\$ 0.55	\$550	\$ 1.40	\$1,400	\$ -	\$0	\$ 1.95	\$1,950
07.27.13	F & I Rigid EPS and Vapor Barrier	1000	SF	\$ 1.09	\$1,090	\$ 0.58	\$580	\$ -	\$0	\$ 1.67	\$1,670
03.23.05	Furnish & Install Pre-stressing Tendon	1000	SF	\$ 0.78	\$780	\$ 0.47	\$470	\$ -	\$0	\$ 1.25	\$1,250
03.23.05	F & I Supplimental Reinforcing Mesh	1000	SF	\$ 0.30	\$300	\$ 0.36	\$360	\$ -	\$0	\$ 0.66	\$660
03.30.53	Furnish & Pour concrete - Quantity includes 6" topping on grade beam	26	CY	\$ 95.50	\$2,483	\$ 118.56	\$3,083	\$ 6.55	\$170	\$ 220.61	\$5,736
03.35.22	Power trowel finish	1000	SF	\$ -	\$0	\$ 0.58	\$580	\$ 0.10	\$100	\$ 0.68	\$680
03.39.23	Misc. ST&S (cure, etc.)	1	Allow	\$ 100.00	\$100	\$ 65.00	\$65	\$ -	\$0	\$ 165.00	\$165
03.30.53	Concrete Waste Factor 10%	1	LS	\$ 248.30	\$248	\$ -	\$0	\$ -	\$0	\$ 248.30	\$248
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	SLAB ON GRADE - 6" Post tentioned	1000	SF	\$ 6.69	\$6,689	\$ 8.38	\$8,379	\$ 0.27	\$270	\$ 15.34	\$15,338

Summary Item: **A10 Foundations**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
A10	Foundations	1000	SF	\$ 30.03	\$30,028	\$ 33.08	\$33,082	\$ 7.29	\$7,293	\$ 70.40	\$70,402

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Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: B10 Superstructure

Total Cost: \$29,279

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
B1010	FLOOR CONSTRUCTION										
	SEE FOUNDATION - SLAB ON GRADE	0	Unit	\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	FLOOR CONSTRUCTION	1000	SF	\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
B1020	ROOF CONSTRUCTION										
06.17.53	Furnish & Install Wood Trusses 25' span	36	EA	\$ 151.00	\$5,436	\$ 75.11	\$2,704	\$ 10.00	\$360	\$ 236.11	\$8,500
06.16.36	F&I Plywood sheating - 5/8 CDX	1960	SF	\$ 0.72	\$1,411	\$ 0.77	\$1,509	\$ -	\$0	\$ 1.49	\$2,920
06.13.23	6x12 Rough Sawn Beams	300	BF	\$ 1.88	\$564	\$ 1.11	\$333	\$ -	\$0	\$ 2.99	\$897
05.12.23	4x4 x 1/4 HSS steel posts w/ Beam Bracket	4	EA	\$ 194.00	\$776	\$ 195.00	\$780	\$ 25.00	\$100	\$ 414.00	\$1,656
06.05.23	Hurricane Clips	72	EA	\$ 5.20	\$374	\$ 2.34	\$168	\$ -	\$0	\$ 7.54	\$543
04.43.10	Stone Veneer on End Columns 24"x24"x8'	320	SF	\$ 20.50	\$6,560	\$ 23.76	\$7,603	\$ -	\$0	\$ 44.26	\$14,163
06.17.53	Temp Bracing & Blocking Allowance	1	LS	\$ 500.00	\$500	\$ 100.00	\$100	\$ -	\$0	\$ 600.00	\$600
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	ROOF CONSTRUCTION	1000	SF	\$ 15.62	\$15,622	\$ 13.20	\$13,198	\$ 0.46	\$460	\$ 29.28	\$29,279

Summary Item: B10 Superstructure

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
B10	Superstructure	1000	SF	\$ 15.62	\$15,622	\$ 13.20	\$13,198	\$ 0.46	\$460	\$ 29.28	\$29,279

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Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: B20 Exterior Enclosure

Total Cost: \$65,469

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
B2010	EXTERIOR WALLS										
06.11.10	2"x6"x8' studwall , 16" OC	140	LF	\$ 3.72	\$521	\$ 7.96	\$1,114	\$ -	\$0	\$ 11.68	\$1,635
06.16.36	Exterior Sheating 1/2" CDX Plywood	1120	SF	\$ 0.78	\$874	\$ 0.88	\$986	\$ -	\$0	\$ 1.66	\$1,859
06.11.01	Headers, Blocking, Bracing, & Bridging	1	LS	\$ 500.00	\$500	\$ 500.00	\$500	\$ -	\$0	\$ 1,000.00	\$1,000
07.21.16	R-21 Batt Insullation	1120	SF	\$ 1.24	\$1,389	\$ 0.41	\$459	\$ -	\$0	\$ 1.65	\$1,848
07.46.23	Vertical B&B Rough Sawn Cedar Siding	450	SF	\$ 5.62	\$2,529	\$ 1.57	\$707	\$ -	\$0	\$ 7.19	\$3,236
04.43.10	Stone Wainscot	560	SF	\$ 20.50	\$11,480	\$ 23.76	\$13,306	\$ -	\$0	\$ 44.26	\$24,786
04.72.10	Precast Wall Coping	130	LF	\$ 13.20	\$1,716	\$ 10.24	\$1,331	\$ -	\$0	\$ 23.44	\$3,047
06.11.10	2"x4"x4' Privacy Panel framing	40	LF	\$ 1.70	\$68	\$ 7.96	\$318	\$ -	\$0	\$ 9.66	\$386
06.16.36	2"x4"x4' Privacy Panel Sheating 1/2" CDX Plywood - 2 sides	320	SF	\$ 0.78	\$250	\$ 0.88	\$282	\$ -	\$0	\$ 1.66	\$531
07.25.10	Building Wrap	1120	SF	\$ 0.32	\$358	\$ 0.18	\$202	\$ -	\$0	\$ 0.50	\$560
SUBTOTAL	EXTERIOR WALLS	1000	SF	\$ 19.68	\$19,684	\$ 19.20	\$19,204	\$ -	\$0	\$ 38.89	\$38,888

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
B2020	EXTERIOR WINDOWS										
08.52.10	Wood Awning Windows, 34"x22", Dbl. pane, extra width sill, pre-finished custom color	16	EA	\$ 416.00	\$6,656	\$ 220.48	\$3,528	\$ -	\$0	\$ 636.48	\$10,184
06.22.13	Interior and Exterior trim packages	16	ea	\$ 92.00	\$1,472	\$ 162.24	\$2,596	\$ -	\$0	\$ 254.24	\$4,068
SUBTOTAL	EXTERIOR WINDOWS	1000	SF	\$ 8.13	\$8,128	\$ 6.12	\$6,124	\$ -	\$0	\$ 14.25	\$14,252

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
 Park: Bear Arbor NRA
 Park Alpha: BEAR
 PMIS: XXXXXX

Estimate By: YtB
 Date: 01/12/11
 Reviewed By: BBB
 Date: 01/17/11

Summary Item: B20 Exterior Enclosure

Total Cost: \$65,469

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
B2030	EXTERIOR DOORS										
08.12.13	Hollow Metal Door Frames, 14 Ga., 8-3/4 deep, 7-0x3-6	5	EA	\$ 356.00	\$1,780	\$ 117.10	\$586	\$ -	\$0	\$ 473.10	\$2,366
08.13.13.	Hollow metal Door, Insulated 1-3/4 thick full panel, 18 ga., 7-0x3-6	5	EA	\$ 670.00	\$3,350	\$ 88.82	\$444	\$ -	\$0	\$ 758.82	\$3,794
08.71.20	Door Closer Heavy duty top jamb mount	5	EA	\$ 274.00	\$1,370	\$ 549.12	\$2,746	\$ -	\$0	\$ 823.12	\$4,116
08.71.20	Door hardware, deadbolt, lock set, etc.	5	EA	\$ 336.00	\$1,680	\$ 74.88	\$374	\$ -	\$0	\$ 410.88	\$2,054
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	EXTERIOR DOORS	1000	SF	\$ 8.18	\$8,180	\$ 4.15	\$4,150	\$ -	\$0	\$ 12.33	\$12,330

Summary Item: B20 Exterior Enclosure

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
B20	Exterior Enclosure	1000	SF	\$ 35.99	\$35,992	\$ 29.48	\$29,477	\$ -	\$0	\$ 65.47	\$65,469

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: B30 Roofing

Total Cost: \$27,176

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
B3010	ROOF COVERINGS										
07.41.13	22 Ga. Raised seam steel roof - standard finish	1960	SF	\$ 7.85	\$15,386	\$ 3.04	\$5,958	\$ -	\$0	\$ 10.89	\$21,344
07.41.13	Roof Ridge Cap	70	LF	\$ 4.95	\$347	\$ 4.99	\$349	\$ -	\$0	\$ 9.94	\$696
07.65.23	Ice And Water Shield - 3' at all edges	500	SF	\$ 2.92	\$1,460	\$ 1.82	\$910	\$ -	\$0	\$ 4.74	\$2,370
07.65.23	Flashing allowance	1	LS	\$ 500.00	\$500	\$ 150.00	\$150	\$ -	\$0	\$ 650.00	\$650
07.71.23	5' Galvanized Gutters	140	LF	\$ 2.10	\$294	\$ 6.19	\$867	\$ -	\$0	\$ 8.29	\$1,161
07.71.23	Downspouts	56	LF	\$ 2.65	\$148	\$ 4.12	\$231	\$ -	\$0	\$ 6.77	\$379
07.71.23	Downspout Elbows	12	EA	\$ 7.15	\$86	\$ 7.55	\$91	\$ -	\$0	\$ 14.70	\$176
23.34.23	Roof Jacks at Plumbing penetrations	1	Allow	\$ 250.00	\$250	\$ 150.00	\$150	\$ -	\$0	\$ 400.00	\$400
SUBTOTAL	ROOF COVERINGS	1000	SF	\$ 18.47	\$18,471	\$ 8.71	\$8,706	\$ -	\$0	\$ 27.18	\$27,176

Summary Item: B30 Roofing

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
B30	Roofing	1000	SF	\$ 18.47	\$18,471	\$ 8.71	\$8,706	\$ -	\$0	\$ 27.18	\$27,176

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: C10 Interior Construction

Total Cost: \$34,881

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
C1010	INTERIOR PARTITIONS										
09.29.1	5/8" Gypsum; Mold resistant; on inside of exterior walls; Level 5 tape & skim coat	1120	SF	\$ 0.82	\$918	\$ 1.65	\$1,848	\$ -	\$0	\$ 2.47	\$2,766
06.11.10	Interior partition framing - 2x4 x8' @ 16" O.C., single bottom & double top plate	40	LF	\$ 3.11	\$124	\$ 10.66	\$426	\$ -	\$0	\$ 13.77	\$551
06.11.10	Add Pressure Treated Bottom Plate 2x4	40	LF	\$ 0.86	\$34	\$ 1.32	\$53	\$ -	\$0	\$ 2.18	\$87
09.29.10	5/8" Gypsum; Mold resistant; on finish side of interior partions; Level 5 tape & skim coat	320	SF	\$ 0.82	\$262	\$ 1.65	\$528	\$ -	\$0	\$ 2.47	\$790
06.22.13	Wood Base Molding	156	LF	\$ 2.85	\$445	\$ 3.20	\$499	\$ -	\$0	\$ 6.05	\$944
06.22.13	Wood Rail Molding	140	LF	\$ 1.89	\$264	\$ 2.36	\$331	\$ -	\$0	\$ 4.25	\$595
SUBTOTAL	INTERIOR PARTITIONS	1000	SF	\$ 2.05	\$2,048	\$ 3.68	\$3,685	\$ -	\$0	\$ 5.73	\$5,733

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
C1030	FITTINGS										
10.21.13	Toilet Partitions F&C dual hung, Stainless Steel	5	EA	\$ 2,151.39	\$10,757	\$ 255.36	\$1,277	\$ -	\$0	\$ 2,406.75	\$12,034
10.21.13	Handicap Addition	2	EA	\$ 404.89	\$810	\$ -	\$0	\$ -	\$0	\$ 404.89	\$810
10.21.13	Unrinal Screens, Floor mounted, Stainless Stl.	2	EA	\$ 815.00	\$1,630	\$ 210.00	\$420	\$ -	\$0	\$ 1,025.00	\$2,050
10.21.13	Entrance Screens	2	EA	\$ 1,180.00	\$2,360	\$ 88.00	\$176	\$ -	\$0	\$ 1,268.00	\$2,536
05.50.00	Fabricated Metal counter supports	2	Allow	\$ 450.00	\$900	\$ 265.00	\$530	\$ -	\$0	\$ 715.00	\$1,430
12.36.61	Engineered Stone/Concrete Counter top	16	LF	\$ 98.00	\$1,568	\$ 115.00	\$1,840	\$ -	\$0	\$ 213.00	\$3,408
10.28.13	Toilet Accessories	1	Allow	\$ 5,500.00	\$5,500	\$ 1,380.00	\$1,380	\$ -	\$0	\$ 6,880.00	\$6,880
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	FITTINGS	1000	SF	\$ 23.52	\$23,525	\$ 5.62	\$5,623	\$ -	\$0	\$ 29.15	\$29,148

Summary Item: C10 Interior Construction

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
C10	Interior Construction	1000	SF	\$ 25.57	\$25,573	\$ 9.31	\$9,308	\$ -	\$0	\$ 34.88	\$34,881

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: **C30 Interior Finishes**

Total Cost: **\$17,900**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
C3010	WALL FINISHES										
09.96.56	Epoxy Wall Coating, High Build 50 mil	1280	SF	\$ 1.48	\$1,894	\$ 4.20	\$5,376	\$ -	\$0	\$ 5.68	\$7,270
09.91.23	Miscellaneous Interior paint	1280	SF	\$ 0.15	\$192	\$ -	\$0	\$ -	\$0	\$ 0.15	\$192
09.91.23	Interior Trim Painting	650	LF	\$ 0.16	\$104	\$ 1.75	\$1,138	\$ -	\$0	\$ 1.91	\$1,242
09.91.23	Interior Window Casing Painting	16	EA	\$ 2.85	\$46	\$ 60.00	\$960	\$ -	\$0	\$ 62.85	\$1,006
SUBTOTAL	WALL FINISHES	1000	SF	\$ 2.24	\$2,236	\$ 7.47	\$7,474	\$ -	\$0	\$ 9.71	\$9,710

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
C3020	FLOOR FINISHES										
03.35.29	2 Coat Wpoxy Floor finish	1000	SF	\$ 0.32	\$320	\$ 0.85	\$850	\$ -	\$0	\$ 1.17	\$1,170
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	FLOOR FINISHES	1000	SF	\$ 0.32	\$320	\$ 0.85	\$850	\$ -	\$0	\$ 1.17	\$1,170

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
C3030	CEILING FINISHES										
09.29.10	5/8" Mold resistant Gypsum Drywall	1000	SF	\$ 0.82	\$820	\$ 2.85	\$2,850	\$ -	\$0	\$ 3.67	\$3,670
09.22.36	Ceiling Lath	1000	SF	\$ 0.72	\$720	\$ 1.15	\$1,150	\$ -	\$0	\$ 1.87	\$1,870
09.91.23	Paint Ceiling, Latex primer, 2 coats	1000	SF	\$ 0.38	\$380	\$ 1.10	\$1,100	\$ -	\$0	\$ 1.48	\$1,480
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	CEILING FINISHES	1000	SF	\$ 1.92	\$1,920	\$ 5.10	\$5,100	\$ -	\$0	\$ 7.02	\$7,020

Summary Item: **C30 Interior Finishes**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
C30	Interior Finishes	1000	SF	\$ 4.48	\$4,476	\$ 13.42	\$13,424	\$ -	\$0	\$ 17.90	\$17,900

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: **D20 Plumbing Systems**

Total Cost: **\$42,776**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
D2010	PLUMBING FIXTURES										
22.42.13	F&I Urinals, Waterless	2	EA	\$ 510.00	\$1,020	\$ 72.00	\$144	\$ -	\$0	\$ 582.00	\$1,164
22.42.13	Rough-in Urinals	2	EA	\$ 305.00	\$610	\$ 372.48	\$745	\$ -	\$0	\$ 677.48	\$1,355
22.42.13	F&I Water Closets	5	EA	\$ 640.00	\$3,200	\$ 240.00	\$1,200	\$ -	\$0	\$ 880.00	\$4,400
22.42.13	Rough-in Water Closets	5	EA	\$ 1,306.25	\$6,531	\$ 390.67	\$1,953	\$ -	\$0	\$ 1,696.92	\$8,485
22.41.16	F&I Vanity Sinks, Self Rimming SS	5	EA	\$ 460.00	\$2,300	\$ 225.00	\$1,125	\$ -	\$0	\$ 685.00	\$3,425
22.41.16	Rough-in F&I Vanity Sinks	5	EA	\$ 332.64	\$1,663	\$ 624.00	\$3,120	\$ -	\$0	\$ 956.64	\$4,783
22.42.39	Faucets, Automatic Sensor	5	EA	\$ 488.00	\$2,440	\$ 130.00	\$650	\$ -	\$0	\$ 618.00	\$3,090
22.42.16	Service floor sink	1	EA	\$ 920.00	\$920	\$ 325.00	\$325	\$ -	\$0	\$ 1,245.00	\$1,245
22.42.16	Rough-in Floor sink	1	EA	\$ 115.00	\$115	\$ 880.00	\$880	\$ -	\$0	\$ 995.00	\$995
SUBTOTAL	PLUMBING FIXTURES	1000	SF	\$ 18.80	\$18,799	\$ 10.14	\$10,142	\$ -	\$0	\$ 28.94	\$28,942

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
D2020	DOMESTIC WATER DISTRIBUTION										
22.11.13	Additional 1" water Distribution Pipe	160	LF	\$ 8.18	\$1,309	\$ 11.70	\$1,872	\$ -	\$0	\$ 19.88	\$3,181
22.11.13	Fitting Allowance 10%	1	Allow	\$ 130.88	\$131	\$ -	\$0	\$ -	\$0	\$ 130.88	\$131
22.34.36	Water Heater	1	EA	\$ 2,609.89	\$2,610	\$ 570.24	\$570	\$ -	\$0	\$ 3,180.13	\$3,180
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	DOMESTIC WATER DISTRIBUTION	1000	SF	\$ 4.05	\$4,050	\$ 2.44	\$2,442	\$ -	\$0	\$ 6.49	\$6,492

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
 Park: Bear Arbor NRA
 Park Alpha: BEAR
 PMIS: XXXXXX

Estimate By: YtB
 Date: 01/12/11
 Reviewed By: BBB
 Date: 01/17/11

Summary Item: **D20 Plumbing Systems**

Total Cost: **\$42,776**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
D2030	SANITARY WASTE										
22.13.16	4" Waste Collection Trunk line	80	LF	\$ 17.92	\$1,433	\$ 26.21	\$2,097	\$ -	\$0	\$ 44.12	\$3,530
22.13.16	Floor drains	4	EA	\$ 349.87	\$1,399	\$ 120.00	\$480	\$ -	\$0	\$ 469.87	\$1,879
22.13.15	2" Waste Collection to Floor Drains	40	LF	\$ 13.83	\$553	\$ 24.00	\$960	\$ -	\$0	\$ 37.83	\$1,513
22.13.16	Fitting Allowance 10%	1	Allow	\$ 419.77	\$420	\$ -	\$0	\$ -	\$0	\$ 419.77	\$420
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	SANITARY WASTE	1000	SF	\$ 3.81	\$3,806	\$ 3.54	\$3,537	\$ -	\$0	\$ 7.34	\$7,342

Summary Item: **D20 Plumbing Systems**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
D20	Plumbing Systems	1000	SF	\$ 26.65	\$26,655	\$ 16.12	\$16,121	\$ -	\$0	\$ 42.78	\$42,776

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
 Park: Bear Arbor NRA
 Park Alpha: BEAR
 PMIS: XXXXXX

Estimate By: YtB
 Date: 01/12/11
 Reviewed By: BBB
 Date: 01/17/11

Summary Item: D30 HVAC

Total Cost: \$2,438

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
D3040	DISTRIBUTION SYSTEMS (HVAC)										
23.31.13	Ductwork	80	Lbs	\$ 0.66	\$53	\$ 8.99	\$719	\$ -	\$0	\$ 9.65	\$772
23.34.14	210 CFM Exhaust Blowers	2	EA	\$ 402.06	\$804	\$ 91.20	\$182	\$ -	\$0	\$ 493.26	\$987
32.37.13	Intlet Grilles	2	EA	\$ 46.55	\$93	\$ 42.24	\$84	\$ -	\$0	\$ 88.79	\$178
36.37.15	Exhaust Louvers	2	EA	\$ 59.25	\$119	\$ 26.98	\$54	\$ -	\$0	\$ 86.23	\$172
23.19.33	Exhaust Controls	2	EA	\$ 100.00	\$200	\$ 65.00	\$130	\$ -	\$0	\$ 165.00	\$330
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	DISTRIBUTION SYSTEMS (HVAC)	1000	SF	\$ 1.27	\$1,269	\$ 1.17	\$1,170	\$ -	\$0	\$ 2.44	\$2,438

Summary Item: D30 HVAC

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
D30	HVAC	1000	SF	\$ 1.27	\$1,269	\$ 1.17	\$1,170	0	\$0	\$ 2.44	\$2,438

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: D50 Electrical

Total Cost: \$18,118

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
D5010	ELECTRICAL SERVICE & DISTRIBUTION										
26.24.16	1phz. 225 Amp, 120/208V, Service Panel & feeders	1	EA	\$ 1,551.83	\$1,552	\$ 2,736.00	\$2,736	\$ -	\$0	\$ 4,287.83	\$4,288
SUBTOTAL	DISTRIBUTION	1000	SF	\$ 1.55	\$1,552	\$ 2.74	\$2,736	\$ -	\$0	\$ 4.29	\$4,288

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
D5020	LIGHTING & BRANCH WIRING										
26.51.13	Energy Saving Fluorescent lighting fixtures	8	EA	\$ 349.13	\$2,793	\$ 235.00	\$1,880	\$ -	\$0	\$ 584.13	\$4,673
26.51.13	Utility Chase lighting Fixtures	2	EA	\$ 160.00	\$320	\$ 235.00	\$470	\$ -	\$0	\$ 395.00	\$790
26.05.90	Receptacles GFCI	15	EA	\$ 64.19	\$963	\$ 70.08	\$1,051	\$ -	\$0	\$ 134.27	\$2,014
26.05.90	Switches	3	EA	\$ 38.87	\$117	\$ 52.80	\$158	\$ -	\$0	\$ 91.67	\$275
23.05.19	230V wiring to septic system	1	Allow	\$ 800.00	\$800	\$ 350.00	\$350	\$ -	\$0	\$ 1,150.00	\$1,150
26.05.80	Wire Up Septic system	1	EA	\$ 45.00	\$45	\$ 220.00	\$220	\$ -	\$0	\$ 265.00	\$265
26.05.19	Additional Building Wiring	1	Allow	\$ 500.00	\$500	\$ 350.00	\$350	\$ -	\$0	\$ 850.00	\$850
SUBTOTAL	LIGHTING & BRANCH WIRING	1000	SF	\$ 5.54	\$5,538	\$ 4.48	\$4,480	\$ -	\$0	\$ 10.02	\$10,017

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
D5090	OTHER ELECTRICAL SYSTEMS										
23.83.33	Baseboard Heaters for shoulder season	10	Ea	\$ 126.78	\$1,268	\$ 188.16	\$1,882	\$ -	\$0	\$ 314.94	\$3,149
23.83.33	Wall thermostat	3	Ea	\$ 106.98	\$321	\$ 67.00	\$201	\$ -	\$0	\$ 173.98	\$522
26.05.19	Wiring allowance	1	Allow	\$ 75.00	\$75	\$ 67.00	\$67	\$ -	\$0	\$ 142.00	\$142
SUBTOTAL	OTHER ELECTRICAL SYSTEMS	1000	SF	\$ 1.66	\$1,664	\$ 2.15	\$2,150	\$ -	\$0	\$ 3.81	\$3,813

Summary Item: D50 Electrical

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
D50	Electrical	1000	SF	\$ 8.75	\$8,753	\$ 9.37	\$9,365	\$ -	\$0	\$ 18.12	\$18,118

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: **F20 Selective Building Demolition**

Total Cost: **\$6,315**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
F2010	BUILDING ELEMENTS DEMOLITION										
02.41.19	Demo structures- haul to dump;	1	Day	\$ -	\$0	\$ 1,650.00	\$1,650	\$ 3,250.00	\$3,250	\$ 4,900.00	\$4,900
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	BUILDING ELEMENTS DEMOLITION	1000	SF	\$ -	\$0	\$ 1.65	\$1,650	\$ 3.25	\$3,250	\$ 4.90	\$4,900

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
F2020	HAZARDOUS COMPONENTS ABATEMENT										
02.81.20	Pump & Flush Existing pit toilets	1	LS	\$ -	\$0	\$ 165.00	\$165	\$ 375.00	\$375	\$ 540.00	\$540
31.23.23	Import & Backfill pits	50	CY	\$ 9.25	\$463	\$ 3.50	\$175	\$ 4.75	\$238	\$ 17.50	\$875
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	ABATEMENT	1000	SF	\$ 0.46	\$463	\$ 0.34	\$340	\$ 0.61	\$613	\$ 1.42	\$1,415

Summary Item: **F20 Selective Building Demolition**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
F20	Selective Building Demolition	1000	SF	\$ 0.46	\$463	\$ 1.99	\$1,990	\$ 3.86	\$3,863	\$ 6.32	\$6,315

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: **G10 Site Preparation**

Total Cost: **\$13,502**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G1010	SITE CLEARING										
31.13.13	Brush Mowing for Building Pad Area	1	Acre	\$ -	\$0	\$ 452.64	\$453	\$ 265.32	\$265	\$ 717.96	\$718
31.13.13	Selective Tree Removal	3	Ea	\$ -	\$0	\$ 178.75	\$536	\$ 154.44	\$463	\$ 333.19	\$1,000
31.13.13	Stump Removal	3	Ea	\$ -	\$0	\$ 36.22	\$109	\$ 94.38	\$283	\$ 130.60	\$392
31.14.13	Strip & Stockpile Topsoil	1000	CY	\$ -	\$0	\$ 0.79	\$787	\$ 1.37	\$1,373	\$ 2.16	\$2,160
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	SITE CLEARING	1000	SF	\$ -	\$0	\$ 1.88	\$1,885	\$ 2.38	\$2,385	\$ 4.27	\$4,269

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G1030	SITE EARTHWORK										
31.23.23	Imported fill for building Pad	250	CY	\$ 8.75	\$2,188	\$ 4.55	\$1,138	\$ 6.55	\$1,638	\$ 19.85	\$4,963
31.23.16	Onsite Cut to fill	500	CY	\$ -	\$0	\$ 1.25	\$625	\$ 3.55	\$1,775	\$ 4.80	\$2,400
31.22.16	Fine Grade Building Pad	2000	SF	\$ -	\$0	\$ 0.12	\$240	\$ 0.24	\$480	\$ 0.36	\$720
31.22.16	Clean-up and Fine Grade around Building	5000	SF	\$ -	\$0	\$ 0.07	\$350	\$ 0.10	\$500	\$ 0.17	\$850
31.23.23	Backfill & Compact existing pits	50	CY	\$ -	\$0	\$ 2.50	\$125	\$ 3.50	\$175	\$ 6.00	\$300
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	SITE EARTHWORK	1000	SF	\$ 2.19	\$2,188	\$ 2.48	\$2,478	\$ 4.57	\$4,568	\$ 9.23	\$9,233

Summary Item: **G10 Site Preparation**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G10	Site Preparation	1000	SF	\$ 2.19	\$2,188	\$ 4.36	\$4,362	\$ 6.95	\$6,952	\$ 13.50	\$13,502

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
 Park: Bear Arbor NRA
 Park Alpha: BEAR
 PMIS: XXXXXX

Estimate By: YtB
 Date: 01/12/11
 Reviewed By: BBB
 Date: 01/17/11

Summary Item: G20 Site Improvements

Total Cost: \$16,200

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G2030	PEDESTRIAN PAVING										
32 06 10	Concrete Flatwork at Building	2000	SF	\$ 4.45	\$8,900	\$ 3.65	\$7,300	\$ -	\$0	\$ 8.10	\$16,200
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	PEDESTRIAN PAVING	1000	SF	\$ 8.90	\$8,900	\$ 7.30	\$7,300	\$ -	\$0	\$ 16.20	\$16,200

Summary Item: G20 Site Improvements

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G20	Site Improvements	1000	SF	\$ 8.90	\$8,900	\$ 7.30	\$7,300	\$ -	\$0	\$ 16.20	\$16,200

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: **G30 Site Mechanical Utilities**

Total Cost: **\$163,337**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G3010	WATER SUPPLY										
33.21.13	Drill water well	1200	VLF		\$0	\$ 14.39	\$17,265	\$ 31.68	\$38,016	\$ 46.07	\$55,281
33.21.13	Install 8" Casing	1200	VLF	\$ 22.50	\$27,000	\$ 2.50	\$3,000	\$ 0.75	\$900	\$ 25.75	\$30,900
33.21.13	Install 2" Well pump	1	EA	\$ 641.89	\$642	\$ 150.00	\$150	\$ 100.00	\$100	\$ 891.89	\$892
33.21.13	2" HDPE pump riser	1200	VLF	\$ 3.50	\$4,200	\$ -	\$0	\$ -	\$0	\$ 3.50	\$4,200
22.11.13	2" Supply Line to building	150	LF	\$ 3.50	\$525	\$ 2.50	\$375	\$ 4.00	\$600	\$ 10.00	\$1,500
22.11.19	Pressure equilization tank in Building	1	Ea	\$ 250.00	\$250	\$ 100.00	\$100	\$ 50.00	\$50	\$ 400.00	\$400
33.21.13	Pump control system with alarm	1	Allow	\$ 250.00	\$250	\$ 100.00	\$100	\$ 50.00	\$50	\$ 400.00	\$400
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	WATER SUPPLY	1000	SF	\$ 32.87	\$32,867	\$ 20.99	\$20,990	\$ 39.72	\$39,716	\$ 93.57	\$93,572

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G3020	SANITARY SEWER										
33.36.13	Install Septic King Tank & Treatment system	1	LS	\$ 46,000.00	\$46,000	\$ 4,500.00	\$4,500	\$ 2,500.00	\$2,500	\$ 53,000.00	\$53,000
33.36.13	Excavate Leach Field	90	CY		\$0	\$ 11.20	\$1,008	\$ 3.80	\$342	\$ 15.00	\$1,350
33.36.13	Install Leach Field Chamber System	16	EA	\$ 395.00	\$6,320	\$ 265.00	\$4,240	\$ 72.50	\$1,160	\$ 732.50	\$11,720
33.36.13	Backfill with Drain Rock	25	Tons	\$ 23.50	\$588	\$ 19.50	\$488	\$ 8.50	\$213	\$ 51.50	\$1,288
33.36.13	Common Backfill Leach Field Mound	90	CY	\$ -	\$0	\$ 11.20	\$1,008	\$ 3.80	\$342	\$ 15.00	\$1,350
36.31.13	Sewer outfall from building	75	LF	\$ 5.85	\$439	\$ 4.65	\$349	\$ 3.60	\$270	\$ 14.10	\$1,058
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	SANITARY SEWER	1000	SF	\$ 53.35	\$53,346	\$ 11.59	\$11,592	\$ 4.83	\$4,827	\$ 69.77	\$69,765

Summary Item: **G30 Site Mechanical Utilities**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G30	Site Mechanical Utilities	1000	SF	\$ 86.21	\$86,213	\$ 32.58	\$32,582	44.5425	\$44,543	\$ 163.34	\$163,337

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
 Park: Bear Arbor NRA
 Park Alpha: BEAR
 PMIS: XXXXXX

Estimate By: YtB
 Date: 01/12/11
 Reviewed By: BBB
 Date: 01/17/11

Summary Item: **G40 Site Electrical Utilities**

Total Cost: **\$5,000**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G4010	ELECTRICAL DISTRIBUTION										
33.71.19	Electrical Service Drop by utility company	1	LS	\$ 2,500.00	\$2,500	\$ -	\$0	\$ -	\$0	\$ 2,500.00	\$2,500
33.71.19	Transformer & Main disconnect	1	EA	\$ 2,500.00	\$2,500	\$ -	\$0	\$ -	\$0	\$ 2,500.00	\$2,500
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	ELECTRICAL DISTRIBUTION	1000	SF	\$ 5.00	\$5,000	\$ -	\$0	\$ -	\$0	\$ 5.00	\$5,000

Summary Item: **G40 Site Electrical Utilities**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G40	Site Electrical Utilities	1000	SF	\$ 5.00	\$5,000	\$ -	\$0	\$ -	\$0	\$ 5.00	\$5,000

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: **XX General Conditions**

Total Cost: \$151,710

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
01 31	Project Management & Coordination										
01.31.13	Project Superintendent	20	Weeks	\$ -	\$0	\$ 2,500.00	\$50,000	\$ -	\$0	\$ 2,500.00	\$50,000
01.31.13	Project Manager - Half Time	18	Weeks	\$ -	\$0	\$ 750.00	\$13,500	\$ -	\$0	\$ 750.00	\$13,500
01.31.13	General Pupose Laborer - Part Time	15	Weeks	\$ -	\$0	\$ 1,500.00	\$22,500	\$ -	\$0	\$ 1,500.00	\$22,500
01.31.13	Builders Risk Insurance	1	LS	\$ 3,500.00	\$3,500	\$ -	\$0	\$ -	\$0	\$ 3,500.00	\$3,500
01.31.13	General Liabiity Insurance	1	LS	\$ 2,000.00	\$2,000	\$ -	\$0	\$ -	\$0	\$ 2,000.00	\$2,000
01.31.13	Payment & Performance Bond 1.5%	1	Unit	\$ 15,000.00	\$15,000	\$ -	\$0	\$ -	\$0	\$ 15,000.00	\$15,000
01.31.xx	Labor down time due to payroll interviews	1	LS	\$ -	\$0	\$ 3,500.00	\$3,500	\$ -	\$0	\$ 3,500.00	\$3,500
01.31.xx	Certified Payrol Costs	0	Unit	\$ -	\$0	\$ 500.00	\$0	\$ -	\$0	\$ 500.00	\$0
SUBTOTAL	Project Management & Coordination	1000	SF	\$ 20.50	\$20,500	\$ 89.50	\$89,500	\$ -	\$0	\$ 110.00	\$110,000

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
01 32	Scheduling & Documentation										
01.32.13	Prepare Initial Schedule	1	LS	\$ -	\$0	\$ 3,000.00	\$3,000	\$ -	\$0	\$ 3,000.00	\$3,000
01.32.13	Schedule Updates	13	EA	\$ -	\$0	\$ 250.00	\$3,250	\$ -	\$0	\$ 250.00	\$3,250
01.32.13	Schedule Printing & Reproduction	1	Allow	\$ 300.00	\$300	\$ -	\$0	\$ -	\$0	\$ 300.00	\$300
01.50.00	Prepare SWMPP	1	LS	\$ 50.00	\$50	\$ 1,500.00	\$1,500	\$ -	\$0	\$ 1,550.00	\$1,550
SUBTOTAL	Scheduling & Documentation	1000	SF	\$ 0.35	\$350	\$ 7.75	\$7,750	\$ -	\$0	\$ 8.10	\$8,100

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
01 45	Quality control										
01.45.23	Concrete Testing	5	EA	\$ 150.00	\$750	\$ -	\$0	\$ -	\$0	\$ 150.00	\$750
01.45.23	Compaction Testing	10	EA	\$ 75.00	\$750	\$ -	\$0	\$ -	\$0	\$ 75.00	\$750
01.45.23	Other Testing	1	LS	\$ 500.00	\$500	\$ -	\$0	\$ -	\$0	\$ 500.00	\$500
01.40.00	Special Inspections	1	Allow	\$ -	\$0	\$ 1,500.00	\$1,500	\$ -	\$0	\$ 1,500.00	\$1,500
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	Quality control	1000	SF	\$ 2.00	\$2,000	\$ 1.50	\$1,500	\$ -	\$0	\$ 3.50	\$3,500

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
 Park: Bear Arbor NRA
 Park Alpha: BEAR
 PMIS: XXXXXX

Estimate By: YtB
 Date: 01/12/11
 Reviewed By: BBB
 Date: 01/17/11

Summary Item: **XX General Conditions**

Total Cost: \$151,710

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
01 51	Temporary Utilites										
01.51.13	Install Temporary Power	1	LS	\$ 500.00	\$500	\$ -	\$0	\$ -	\$0	\$ 500.00	\$500
01.51.13	Temporary Electricity	7	Month	\$ 150.00	\$1,050	\$ -	\$0	\$ -	\$0	\$ 150.00	\$1,050
01.51.13	Chemical Toilets	12	Ea-Mo.	\$ 175.00	\$2,100	\$ -	\$0	\$ -	\$0	\$ 175.00	\$2,100
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	Temporary Utilites	1000	SF	\$ 3.65	\$3,650	\$ -	\$0	\$ -	\$0	\$ 3.65	\$3,650

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
01 52	Construction Facilities										
01.52.13	Office Trailer Set Up	1	LS	\$ -	\$0	\$ 1,200.00	\$1,200	\$ 300.00	\$300	\$ 1,500.00	\$1,500
01.52.13	Trailer Rental	7	Month	\$ -	\$0	\$ -	\$0	\$ 380.00	\$2,660	\$ 380.00	\$2,660
01.52.13	Storage Bin Rental	15	Ea-Mo	\$ -	\$0	\$ -	\$0	\$ 75.00	\$1,125	\$ 75.00	\$1,125
01.52.13	Temporary Fence	300	LF	\$ -	\$0	\$ -	\$0	\$ 6.50	\$1,950	\$ 6.50	\$1,950
01.52.13	Gravel Surface For Yard	50	Tons	\$ 18.00	\$900	\$ 5.00	\$250	\$ 7.50	\$375	\$ 30.50	\$1,525
01.52.13	Erosion control	1	LS	\$ 2,000.00	\$2,000	\$ 1,000.00	\$1,000	\$ 500.00	\$500	\$ 3,500.00	\$3,500
01.54.16	Sky Trac Fork Lift Rental	6	Months	\$ -	\$0	\$ -	\$0	\$ 700.00	\$4,200	\$ 700.00	\$4,200
01.52.13	Miscellaneous Facilities	1	Allow	\$ 2,500.00	\$2,500	\$ -	\$0	\$ -	\$0	\$ 2,500.00	\$2,500
SUBTOTAL	Construction Facilities	1000	SF	\$ 5.40	\$5,400	\$ 2.45	\$2,450	\$ 11.11	\$11,110	\$ 18.96	\$18,960

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
 Park: Bear Arbor NRA
 Park Alpha: BEAR
 PMIS: XXXXXX

Estimate By: YtB
 Date: 01/12/11
 Reviewed By: BBB
 Date: 01/17/11

Summary Item: **XX** General Conditions

Total Cost: \$151,710

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
01 54 36	Mobilizaton										
01.54.36	Mobilization	1	Allw	\$ -	\$0	\$ -	\$0	\$ 7,500.00	\$7,500	\$ 7,500.00	\$7,500
01.54.36	Demobilization	0	Unit	\$ -	\$0	\$ -	\$0	\$ 5,000.00	\$0	\$ 5,000.00	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	Mobilizaton	1000	SF	\$ -	\$0	\$ -	\$0	\$ 7.50	\$7,500	\$ 7.50	\$7,500

Summary Item: **XX** General Conditions

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
XX	General Conditions	1000	SF	\$ 31.90	\$31,900	\$ 101.20	\$101,200	\$ 18.61	\$18,610	\$ 151.71	\$151,710

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate
BID ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS Number: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: _____
Date: _____

Bid Item Number	Asset / Project Element / Description	Size/Count	Units
BID ITEM 2	New Parking Lot & Site Utilities	1	LS

Item No.	WBS	Description	Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Direct Cost/Unit	Total Direct Costs	NET Cost/Unit	Total NET Costs
1	G10	Site Preparation	\$ 2,500.00	\$ 2,500	\$ 11,710.58	\$ 11,711	\$ 19,775.94	\$ 19,776	\$ 33,987	\$ 33,987	\$ 53,471.16	\$ 53,471
2	G20	Site Improvements	\$ 143,581.04	\$ 143,581	\$ 36,335.00	\$ 36,335	\$ 43,670.00	\$ 43,670	\$ 223,586	\$ 223,586	\$ 351,769.04	\$ 351,769
3	G30	Site Mechanical Utilities	\$ 12,153.36	\$ 12,153	\$ 14,232.07	\$ 14,232	\$ 4,240.55	\$ 4,241	\$ 30,626	\$ 30,626	\$ 48,184.01	\$ 48,184
4	XX	Bid Item 2 General Conditions	\$ 12,925.00	\$ 12,925	\$ 8,350.00	\$ 8,350	\$ 6,500.00	\$ 6,500	\$ 27,775	\$ 27,775	\$ 43,698.55	\$ 43,699
Subtotal Direct Construction Costs			\$ 171,159.40	\$ 171,159	\$ 70,627.65	\$ 70,628	\$ 74,186.49	\$ 74,186	\$ 315,974	\$315,974	\$ 497,122.76	\$497,123
Total Value of Government Furnished Property (GFP) Inc. in Direct Cost			\$0.00	\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$0	In most cases GFP is normally zero - see footnote-	
Direct Cost Subtotal without GFP			\$ 171,159	\$ 171,159	\$ 70,628	\$ 70,628	\$ 74,186	\$ 315,974	\$315,974			
Design Contingency			2.00%							\$6,319		
Total Direct Construction Costs										\$322,293		
Standard General Conditions			0.00%	Applied to Total Direct Construction Cost less GFP						\$0		
Government General Conditions			3.00%	Applied to Total Direct Construction Cost less GFP						\$9,669		
Subtotal NET Construction Cost										\$331,962		
Overhead			8.50%							\$28,217		
Profit			10.00%							\$33,196		
Estimated NET Construction Cost										\$393,375		
Contracting Method Adjustment			15.00%							\$59,006		
Inflation Escalation			32	Months	Annual Rate =	3.60%				\$44,742		
Total Estimated NET Cost of Construction										\$497,123		

GFP costs only apply when the Government pre-purchases items, or provides other materials out of Government inventory, to be installed by contractor. Adjustments and Markup on GFP only include Inflation Escalation; No other adjustment factors or O&P markup have been applied.

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: **G10 Site Preparation**

Total Cost: **\$33,987**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G1010	SITE CLEARING										
31.25.13	Erosion Control	1	LS	\$ 2,500.00	\$2,500	\$ 1,450.00	\$1,450	\$ 1,250.00	\$1,250	\$ 5,200.00	\$5,200
31.13.13	Clear & Grub Parking Area	40000	SF	\$ -	\$0	\$ 0.12	\$4,800	\$ 0.19	\$7,600	\$ 0.31	\$12,400
31.13.13	Selective Tree Removal	7	Ea	\$ -	\$0	\$ 178.75	\$1,251	\$ 154.44	\$1,081	\$ 333.19	\$2,332
31.13.13	Stump Removal	7	Ea	\$ -	\$0	\$ 36.22	\$254	\$ 94.38	\$661	\$ 130.60	\$914
31.13.13	Strip & Stockpile Topsoil	1500	CY	\$ -	\$0	\$ 0.79	\$1,181	\$ 1.37	\$2,059	\$ 2.16	\$3,240
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	SITE CLEARING	1	LS	\$ 2,500.00	\$2,500	\$ 8,935.58	\$8,936	\$ 12,650.94	\$12,651	\$ 24,086.52	\$24,087

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G1030	SITE EARTHWORK										
31.23.16	Onsite Cut to Fill	1500	CY	\$ -	\$0	\$ 1.25	\$1,875	\$ 3.55	\$5,325	\$ 4.80	\$7,200
31.23.13	Scarify & Recompact Parking area	30000	SF	\$ -	\$0	\$ 0.03	\$900	\$ 0.06	\$1,800	\$ 0.09	\$2,700
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	SITE EARTHWORK	1	LS	\$ -	\$0	\$ 2,775.00	\$2,775	\$ 7,125.00	\$7,125	\$ 9,900.00	\$9,900

Summary Item: **G10 Site Preparation**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G10	Site Preparation	1	LS	\$ 2,500.00	\$2,500	\$ 11,710.58	\$11,711	\$ 19,775.94	\$19,776	\$ 33,986.52	\$33,987

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: **G20 Site Improvements**

Total Cost: **\$223,586**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G2020	PARKING LOTS										
31.21.16	Subgrade Prep Parking Lot	4500	SY	\$ -	\$0	\$ 0.07	\$315	\$ 0.75	\$3,375	\$ 0.82	\$3,690
32.11.23	Furnish & Install 6" Roadbase	4500	SY	\$ 6.79	\$30,543	\$ 1.25	\$5,625	\$ 3.15	\$14,175	\$ 11.19	\$50,343
32.12.16	Furnish & Install 3" Asphalt Paving	4500	SY	\$ 11.85	\$53,325	\$ 1.28	\$5,760	\$ 3.15	\$14,175	\$ 16.28	\$73,260
32.17.23	Striping	40	Spaces	\$ 14.11	\$564	\$ 27.00	\$1,080	\$ 8.00	\$320	\$ 49.11	\$1,964
32.17.23	Accessible spaces	7	EA	\$ 92.00	\$644	\$ 145.00	\$1,015	\$ 35.00	\$245	\$ 272.00	\$1,904
10.14.53	Sign Allowance	1	Allow	\$ 2,500.00	\$2,500	\$ 500.00	\$500	\$ -	\$0	\$ 3,000.00	\$3,000
32.16.13	Curb & Gutter	1000	LF	\$ 12.83	\$12,825	\$ 4.50	\$4,500	\$ 8.00	\$8,000	\$ 25.33	\$25,325
32.17.23	Striping - RV Spaces	10	EA	\$ 98.00	\$980	\$ 47.00	\$470	\$ 18.00	\$180	\$ 163.00	\$1,630
SUBTOTAL	PARKING LOTS	1	LS	\$ 101,381.04	\$101,381	\$ 19,265.00	\$19,265	\$ 40,470.00	\$40,470	\$ 161,116.04	\$161,116

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G2030	PEDESTRIAN PAVING										
03.30.53	Pedestrian Sidewalks at parking lot	3500	SF	\$ 5.20	\$18,200	\$ 3.12	\$10,920	\$ -	\$0	\$ 8.32	\$29,120
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	PEDESTRIAN PAVING	1	LS	\$ 18,200.00	\$18,200	\$ 10,920.00	\$10,920	\$ -	\$0	\$ 29,120.00	\$29,120

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
 Park: Bear Arbor NRA
 Park Alpha: BEAR
 PMIS: XXXXXX

Estimate By: YtB
 Date: 01/12/11
 Reviewed By: BBB
 Date: 01/17/11

Summary Item: **G20 Site Improvements**

Total Cost: **\$223,586**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G2050	LANDSCAPING										
32.90.00	Parking lot landscape allowance	1	LS	\$ 17,500.00	\$17,500	\$ 4,250.00	\$4,250	\$ 2,500.00	\$2,500	\$ 24,250.00	\$24,250
32.93.43	Install Selective Trees	20	EA	\$ 325.00	\$6,500	\$ 95.00	\$1,900	\$ 35.00	\$700	\$ 455.00	\$9,100
SUBTOTAL	LANDSCAPING	1	LS	\$ 24,000.00	\$24,000	\$ 6,150.00	\$6,150	\$ 3,200.00	\$3,200	\$ 33,350.00	\$33,350

Summary Item: **G20 Site Improvements**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G20	Site Improvements	1	LS	\$ 143,581.04	\$143,581	\$ 36,335.00	\$36,335	\$ 43,670.00	\$43,670	\$ 223,586.04	\$223,586

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: **G30 Site Mechanical Utilities**

Total Cost: **\$30,626**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G3030	STORM SEWER										
33.41.13	18" Reinforced concrete Pipe	300	LF	\$ 26.03	\$7,809	\$ 24.29	\$7,286	\$ 3.50	\$1,050	\$ 53.82	\$16,145
33.41.13	18" Flared End Section	3	EA	\$ 86.95	\$261	\$ 11.89	\$36	\$ 6.85	\$21	\$ 105.69	\$317
33.41.13	Water Quality Detention Pond	1	Allow	\$ 1,500.00	\$1,500	\$ 3,500.00	\$3,500	\$ 3,000.00	\$3,000	\$ 8,000.00	\$8,000
33 44 13	Storm Drain inlets	2	EA	\$ 1,292.00	\$2,584	\$ 1,705.00	\$3,410	\$ 85.00	\$170	\$ 3,082.00	\$6,164
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	STORM SEWER	1	LS	\$ 12,153.36	\$12,153	\$ 14,232.07	\$14,232	\$ 4,240.55	\$4,241	\$ 30,625.98	\$30,626

Summary Item: **G30 Site Mechanical Utilities**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G30	Site Mechanical Utilities	1	LS	\$ 12,153.36	\$12,153	\$ 14,232.07	\$14,232	4240.55	\$4,241	\$ 30,625.98	\$30,626

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
 Park: Bear Arbor NRA
 Park Alpha: BEAR
 PMIS: XXXXXX

Estimate By: YtB
 Date: 01/12/11
 Reviewed By: BBB
 Date: 01/17/11

Summary Item: **XX Bid Item 2 General Conditions**

Total Cost: \$27,775

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
01 31	Project Management & Coordination										
01.31.13	Project Superintendent	2	Weeks	\$ -	\$0	\$ 2,500.00	\$5,000	\$ -	\$0	\$ 2,500.00	\$5,000
01.31.13	Project Manager - Half Time	1	Weeks	\$ -	\$0	\$ 750.00	\$750	\$ -	\$0	\$ 750.00	\$750
01.31.13	General Pupose Laborer - Part Time	1	Weeks	\$ -	\$0	\$ 1,500.00	\$1,500	\$ -	\$0	\$ 1,500.00	\$1,500
01.31.13	Builders Risk Insurance	1	LS	\$ 500.00	\$500	\$ -	\$0	\$ -	\$0	\$ 500.00	\$500
01.31.13	General Liabiity Insurance	1	LS	\$ 250.00	\$250	\$ -	\$0	\$ -	\$0	\$ 250.00	\$250
01.31.13	Payment & Performance Bond 1.5%	1	Unit	\$ 7,500.00	\$7,500	\$ -	\$0	\$ -	\$0	\$ 7,500.00	\$7,500
01.31.xx	Labor down time due to payroll interviews	1	LS	\$ -	\$0	\$ 500.00	\$500	\$ -	\$0	\$ 500.00	\$500
01.31.xx	Certified Payroll Costs	0	Unit	\$ -	\$0	\$ 150.00	\$0	\$ -	\$0	\$ 150.00	\$0
SUBTOTAL	Project Management & Coordination	1000	SF	\$ 8.25	\$8,250	\$ 7.75	\$7,750	\$ -	\$0	\$ 16.00	\$16,000

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
01 45	Quality control										
1.45.23	Concrete Testing	12	EA	\$ 150.00	\$1,800	\$ -	\$0	\$ -	\$0	\$ 150.00	\$1,800
01.45.23	Compaction Testing	25	EA	\$ 75.00	\$1,875	\$ -	\$0	\$ -	\$0	\$ 75.00	\$1,875
01.45.23	Other Testing	1	LS	\$ 1,000.00	\$1,000	\$ -	\$0	\$ -	\$0	\$ 1,000.00	\$1,000
01.45.23	Special Inspections	1	Allow		\$0	\$ 600.00	\$600	\$ -	\$0	\$ 600.00	\$600
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	Quality control	1	LS	\$ 4,675.00	\$4,675	\$ 600.00	\$600	\$ -	\$0	\$ 5,275.00	\$5,275

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
 Park: Bear Arbor NRA
 Park Alpha: BEAR
 PMIS: XXXXXX

Estimate By: YtB
 Date: 01/12/11
 Reviewed By: BBB
 Date: 01/17/11

Summary Item: **XX Bid Item 2 General Conditions**

Total Cost: \$27,775

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
01 54	Mobilizaton										
01.54.36	Mobilization	1	Allow	\$ -	\$0	\$ -	\$0	\$ 6,500.00	\$6,500	\$ 6,500.00	\$6,500
01.54.36	Demobilization	0	Unit	\$ -	\$0	\$ -	\$0	\$ 4,000.00	\$0	\$ 4,000.00	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	Mobilizaton	1	LS	\$ -	\$0	\$ -	\$0	\$ 6,500.00	\$6,500	\$ 6,500.00	\$6,500

Summary Item: **XX Bid Item 2 General Conditions**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
XX	Bid Item 2 General Conditions	1	LS	\$ 12,925.00	\$12,925	\$ 8,350.00	\$8,350	\$ 6,500.00	\$6,500	\$ 27,775.00	\$27,775

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate
BID ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS Number: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Bid Item Number	Asset / Project Element / Description	Size/Count	Units
BID ITEM 3	Picnic Area & Trailhead Improvement	1	LS

Item No.	WBS	Description	Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Direct Cost/Unit	Total Direct Costs	NET Cost/Unit	Total NET Costs
1	G10	Site Preparation	\$ -	\$ -	\$ 11,860.00	\$ 11,860	\$ 4,845.00	\$ 4,845	\$ 16,705	\$ 16,705	\$ 26,282.06	\$ 26,282
2	G20	Site Improvements	\$ 59,447.50	\$ 59,448	\$ 25,960.00	\$ 25,960	\$ 12,269.50	\$ 12,270	\$ 97,677	\$ 97,677	\$ 153,675.72	\$ 153,676
3	G30	Site Mechanical Utilities	\$ 2,124.73	\$ 2,125	\$ 2,274.65	\$ 2,275	\$ 330.37	\$ 330	\$ 4,730	\$ 4,730	\$ 7,441.34	\$ 7,441
6	XX	Bid Item 3 General Conditions	\$ 5,775.00	\$ 5,775	\$ 7,550.00	\$ 7,550	\$ 2,500.00	\$ 2,500	\$ 15,825	\$ 15,825	\$ 24,897.55	\$ 24,898
7	XX		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	XX		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Direct Construction Costs			\$ 67,347.23	\$ 67,347	\$ 47,644.65	\$ 47,645	\$ 19,944.87	\$ 19,945	\$ 134,937	\$ 134,937	\$ 212,296.67	\$ 212,297
Total Value of Government Furnished Property (GFP) Inc. in Direct Cost			\$ 0.00	\$ 0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0	In most cases GFP is normally zero - see footnote-	
Direct Cost Subtotal without GFP			\$ 67,347	\$ 67,347	\$ 47,644.65	\$ 47,645	\$ 19,944.87	\$ 19,945	\$ 134,937	\$ 134,937		
Design Contingency			2.00%							\$2,699		
Total Direct Construction Costs										\$137,635		
Standard General Conditions			0.00%	Applied to Total Direct Construction Cost less GFP						\$0		
Government General Conditions			3.00%	Applied to Total Direct Construction Cost less GFP						\$4,129		
Subtotal NET Construction Cost										\$141,765		
Overhead			8.50%							\$12,050		
Profit			10.00%							\$14,176		
Estimated NET Construction Cost										\$167,991		
Contracting Method Adjustment			15.00%							\$25,199		
Inflation Escalation			32	Months	Annual Rate =	3.60%				\$19,107		
Total Estimated NET Cost of Construction										\$212,297		

GFP costs only apply when the Government pre-purchases items, or provides other materials out of Government inventory, to be installed by contractor. Adjustments and Markup on GFP only include Inflation Escalation; No other adjustment factors or O&P markup have been applied.

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: **G10 Site Preparation**

Total Cost: **\$16,705**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G1010	SITE CLEARING										
31.11.10	Misc. Site Clearing	1	LS	\$ -	\$0	\$ 2,200.00	\$2,200	\$ 1,650.00	\$1,650	\$ 3,850.00	\$3,850
31.13.13	Hand Clear New Trail Alignment	500	LF	\$ -	\$0	\$ 6.20	\$3,100	\$ 1.25	\$625	\$ 7.45	\$3,725
SUBTOTAL	SITE CLEARING	1	LS	\$ -	\$0	\$ 5,300.00	\$5,300	\$ 2,275.00	\$2,275	\$ 7,575.00	\$7,575

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G1020	SITE DEMOLITION & RELOCATIONS										
02.41.13	Misc. Site Demolition	1	LS	\$ -	\$0	\$ 1,270.00	\$1,270	\$ 485.00	\$485	\$ 1,755.00	\$1,755
02.41.13	Remove Existing Picnic Tables & Grills	1	LS	\$ -	\$0	\$ 2,350.00	\$2,350	\$ 500.00	\$500	\$ 2,850.00	\$2,850
SUBTOTAL	SITE DEMOLITION & RELOCATIONS	1	LS	\$ -	\$0	\$ 3,620.00	\$3,620	\$ 985.00	\$985	\$ 4,605.00	\$4,605

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G1030	SITE EARTHWORK										
31.22.16	Fine Grade & Compact Picnic subgrades	3500	SF	\$ -	\$0	\$ 0.15	\$525	\$ 0.20	\$700	\$ 0.35	\$1,225
31.22.16	Hand Grade Trail	3000	SF	\$ -	\$0	\$ 0.58	\$1,740	\$ 0.05	\$150	\$ 0.63	\$1,890
31.23.23	Scarify & recompact existing dirt parking lot	10000	SF	\$ -	\$0	\$ 0.03	\$300	\$ 0.06	\$600	\$ 0.09	\$900
31.23.23	Scarify Existing Trail 500' x 3'	1500	SF	\$ -	\$0	\$ 0.25	\$375	\$ 0.09	\$135	\$ 0.34	\$510
SUBTOTAL	SITE EARTHWORK	1	LS	\$ -	\$0	\$ 2,940.00	\$2,940	\$ 1,585.00	\$1,585	\$ 4,525.00	\$4,525

Summary Item: **G10 Site Preparation**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G10	Site Preparation	1	LS	\$ -	\$0	\$ 11,860.00	\$11,860	\$ 4,845.00	\$4,845	\$ 16,705.00	\$16,705

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: **G20 Site Improvements**

Total Cost: **\$97,677**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G2030 PEDESTRIAN PAVING											
32.06.10	Furnish & Install Decomposed Granite DG	170	Tons	\$ 76.75	\$13,048	\$ 11.50	\$1,955	\$ 8.35	\$1,420	\$ 96.60	\$16,422
31.32.13	Mix, spread, finegrade & compact organic binder	6500	SF	\$ 1.30	\$8,450	\$ 0.72	\$4,680	\$ 0.15	\$975	\$ 2.17	\$14,105
03.30.53	Pedestrian Sidewalks-Trial Connection	1500	SF	\$ 5.13	\$7,695	\$ 3.10	\$4,650	\$ 0.25	\$375	\$ 8.48	\$12,720
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	PEDESTRIAN PAVING	1	LS	\$ 29,192.50	\$29,193	\$ 11,285.00	\$11,285	\$ 2,769.50	\$2,770	\$ 43,247.00	\$43,247

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G2040 SITE DEVELOPMENT											
32.31.29	Install new seat resistant single rail fence	500	LF	\$ 32.00	\$16,000	\$ 5.50	\$2,750	\$ 2.00	\$1,000	\$ 39.50	\$19,750
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	SITE DEVELOPMENT	1	LS	\$ 16,000.00	\$16,000	\$ 2,750.00	\$2,750	\$ 1,000.00	\$1,000	\$ 19,750.00	\$19,750

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G2050 LANDSCAPING											
32.90.00	Picnic Area landscape repairs & improvements	1	LS	\$ 500.00	\$500	\$ 1,800.00	\$1,800	\$ 600.00	\$600	\$ 2,900.00	\$2,900
32.90.00	Trail landscape repairs & improvements	1	LS	\$ 500.00	\$500	\$ 1,600.00	\$1,600	\$ 750.00	\$750	\$ 2,850.00	\$2,850
32.91.13	Soil amenders	11500	SF	\$ 0.13	\$1,495	\$ 0.05	\$575	\$ 0.10	\$1,150	\$ 0.28	\$3,220
32.32.60	Place Barrier Rocks	1	Allow	\$ -	\$0	\$ 500.00	\$500	\$ 2,000.00	\$2,000	\$ 2,500.00	\$2,500
32.93.33	Install native shrubs	150	EA	\$ 36.50	\$5,475	\$ 12.00	\$1,800	\$ 5.00	\$750	\$ 53.50	\$8,025
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	LANDSCAPING	1	LS	\$ 7,970.00	\$7,970	\$ 6,275.00	\$6,275	\$ 5,250.00	\$5,250	\$ 19,495.00	\$19,495

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: G20 Site Improvements

Total Cost: \$97,677

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G2060	SITE FURNISHINGS										
12.93.43	Misc Site Furnishings	1	Allow	\$ 1,685.00	\$1,685	\$ 1,150.00	\$1,150	\$ 250.00	\$250	\$ 3,085.00	\$3,085
12.93.43	Reinstall Site Furnishings at Picnic area	1	LS	\$ 4,600.00	\$4,600	\$ 4,500.00	\$4,500	\$ 3,000.00	\$3,000	\$ 12,100.00	\$12,100
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	SITE FURNISHINGS	1	LS	\$ 6,285.00	\$6,285	\$ 5,650.00	\$5,650	\$ 3,250.00	\$3,250	\$ 15,185.00	\$15,185

Summary Item: G20 Site Improvements

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G20	Site Improvements	1	LS	\$ 59,447.50	\$59,448	\$ 25,960.00	\$25,960	\$ 12,269.50	\$12,270	\$ 97,677.00	\$97,677

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: _____
Date: _____

Summary Item: **G30 Site Mechanical Utilities**

Total Cost: **\$4,730**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G3030	STORM SEWER										
33 41 13	12 CMP" Trail Crossing Culverts	60	LF	\$ 17.35	\$1,041	\$ 15.77	\$946	\$ 2.13	\$128	\$ 35.25	\$2,115
33 41 13	12" Flared End Sections	12	EA	\$ 77.80	\$934	\$ 85.69	\$1,028	\$ 12.74	\$153	\$ 176.23	\$2,115
	Misc Drainage Improvemnts	1	LS	\$ 150.00	\$150	\$ 300.00	\$300	\$ 50.00	\$50	\$ 500.00	\$500
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	STORM SEWER	1	LS	\$ 2,124.73	\$2,125	\$ 2,274.65	\$2,275	\$ 330.37	\$330	\$ 4,729.75	\$4,730

Summary Item: **G30 Site Mechanical Utilities**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
G30	Site Mechanical Utilities	1	LS	\$ 2,124.73	\$2,125	\$ 2,274.65	\$2,275	330.368	\$330	\$ 4,729.75	\$4,730

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
Park: Bear Arbor NRA
Park Alpha: BEAR
PMIS: XXXXXX

Estimate By: YtB
Date: 01/12/11
Reviewed By: BBB
Date: 01/17/11

Summary Item: XX Bid Item 3 General Conditions

Total Cost: \$15,825

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
01 31	Project Management & Coordination										
31.23.15	Project Superintendent	2	Weeks	\$ -	\$0	\$ 2,500.00	\$5,000	\$ -	\$0	\$ 2,500.00	\$5,000
03.15.05	Project Manager - Half Time	1	Weeks	\$ -	\$0	\$ 750.00	\$750	\$ -	\$0	\$ 750.00	\$750
03.11.13	General Pupose Laborer - Part Time	1	Weeks	\$ -	\$0	\$ 1,500.00	\$1,500	\$ -	\$0	\$ 1,500.00	\$1,500
03.21.10	Builders Risk Insurance	1	LS	\$ 200.00	\$200	\$ -	\$0	\$ -	\$0	\$ 200.00	\$200
03.30.53	General Liability Insurance	1	LS	\$ 125.00	\$125	\$ -	\$0	\$ -	\$0	\$ 125.00	\$125
03.11.13	Payment & Performance Bond 1.5%	1	Unit	\$ 3,000.00	\$3,000	\$ -	\$0	\$ -	\$0	\$ 3,000.00	\$3,000
03.35.29	Labor down time due to payroll interviews	1	LS	\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
07.27.13	Certified Payroll Costs	0	Unit	\$ -	\$0	\$ 25.00	\$0	\$ -	\$0	\$ 25.00	\$0
SUBTOTAL	Project Management & Coordination	1000	SF	\$ 3.33	\$3,325	\$ 7.25	\$7,250	\$ -	\$0	\$ 10.58	\$10,575

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
01 45	Quality control										
01 45 23	Concrete Testing	8	EA	\$ 150.00	\$1,200	\$ -	\$0	\$ -	\$0	\$ 150.00	\$1,200
01 45 23	Compaction Testing	10	EA	\$ 75.00	\$750	\$ -	\$0	\$ -	\$0	\$ 75.00	\$750
01 45 23	Other Testing	1	LS	\$ 500.00	\$500	\$ -	\$0	\$ -	\$0	\$ 500.00	\$500
01 40 00	Special Inspections	1	Allow		\$0	\$ 300.00	\$300	\$ -	\$0	\$ 300.00	\$300
MF-2004 Code	Description	0	Unit	\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
MF-2004 Code	Description	0	Unit	\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
MF-2004 Code	Description	0	Unit	\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
MF-2004 Code	Description	0	Unit	\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	Quality control	1	LS	\$ 2,450.00	\$2,450	\$ 300.00	\$300	\$ -	\$0	\$ 2,750.00	\$2,750

United States Department of the Interior
National Park Service
Class A Construction Cost Estimate

LINE ITEM COST SUMMARY

Project: Oso Comida Trailhead Improvements:
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Estimate By: YtB
 Date: 01/12/11
 Reviewed By: BBB
 Date: 01/17/11

Summary Item: **XX Bid Item 3 General Conditions**

Total Cost: \$15,825

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
01 54 36	Mobilizaton										
01 54 36.5	Mobilization	1	Allow	\$ -	\$0	\$ -	\$0	\$ 2,500.00	\$2,500	\$ 2,500.00	\$2,500
	Demobilization	0	Unit	\$ -	\$0	\$ -	\$0	\$ 1,500.00	\$0	\$ 1,500.00	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
				\$ -	\$0	\$ -	\$0	\$ -	\$0	\$ -	\$0
SUBTOTAL	Mobilizaton	1	LS	\$ -	\$0	\$ -	\$0	\$ 2,500.00	\$2,500	\$ 2,500.00	\$2,500

Summary Item: **XX Bid Item 3 General Conditions**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		LABOR		EQUIPMENT		TOTALS	
				Material Cost/Unit	Total Material Cost	Labor Cost/Unit	Total Labor Cost	Equipment Cost/Unit	Total Equipment Cost	Total Cost/Unit	Total Cost
XX	Bid Item 3 General Conditions	1	LS	\$ 5,775.00	\$5,775	\$ 7,550.00	\$7,550	\$ 2,500.00	\$2,500	\$ 15,825.00	\$15,825