

Project: Jenny Lake Renewal Project - Frontcountry
 Park: Grand Teton National Park
 Park Alpha: GRTE
 PMIS Number: 167377

Estimate By: DN & SZ
 Date: 06/07/13

Reviewed By: Reviewer Name
 Date: Review Date

Asset / Project Element	Size/Count	Units
Trail Circulation	1	Ea

Item No.	WBS	Description	Material Cost/Unit	Total Material Cost	Installation Cost/Unit	Total Install Cost	Direct Cost/Unit	Total Direct Costs	NET Cost/Unit	Total NET Costs
1	A10	Foundations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	A20	Basement Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	B10	Superstructure	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	B20	Exterior Enclosure	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	B30	Roofing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	C10	Interior Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	C20	Stairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	C30	Interior Finishes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9	D10	Conveying Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	D20	Plumbing Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	D30	HVAC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	D40	Fire Protection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	D50	Electrical	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14	E10	Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	E20	Furnishings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	F10	Special Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	F20	Selective Building Demolition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	G10	Site Preparation	\$ -	\$ -	\$ 160,632.00	\$ 160,632.00	\$ 160,632.00	\$ 160,632	\$ 292,080.04	\$ 292,080
19	G20	Site Improvements	\$ 125,511.38	\$ 125,511	\$ 52,850.79	\$ 52,850.79	\$ 178,362.17	\$ 178,362	\$ 324,319.12	\$ 324,319
20	G30	Site Mechanical Utilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21	G40	Site Electrical Utilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	G50	Other Site Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	XX	Special Use - 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	XX	Special Use - 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	XX	Special Use - 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Direct Construction Costs			\$ 125,511.38	\$ 125,511	\$ 213,482.79	\$ 213,482.79	\$ 338,994.17	\$ 338,994	\$ 616,399.17	\$ 616,399
Total Value of Government Furnished Property (GFP) Included in Direct Costs				\$53,169		\$ -	\$ 53,169	\$53,169	In most cases GFP is normally zero - see footnote-	
Direct Cost Subtotal without GFP				\$ 72,342		\$ 213,482.79		\$ 285,825		
Published Location Factor			-8.50%						-	
Remoteness Factor			15.00%						-\$24,295	
Federal Wage Rate Factor			0.00%						Generally applied against Labor Costs only. \$0	
State & Local Taxes			6.00%						Generally applied against Material Costs only. Please Note if application differs. \$4,341	
Design Contingency			15.00%						\$42,874	
Total Direct Construction Costs									\$404,787	
Standard General Conditions			10.00%						Applied to Total Direct Construction Cost less GFP \$35,162	
Government General Conditions			12.00%						Applied to Total Direct Construction Cost less GFP \$42,194	
Historic Preservation Factor			0.00%						Applied to Total Direct Construction Cost less GFP \$0	
Subtotal NET Construction Cost									\$482,143	
Overhead			5.00%						\$21,449	
Profit			8.00%						\$34,318	
Estimated NET Construction Cost									\$537,910	
Bonds & Permits			1.50%						\$8,069	
Contracting Method Adjustment			0.00%						\$0	
Inflation Escalation			34	Months	Annual Rate =	4.00%	Inc. Bonds & CMA		\$70,421	
Total Estimated NET Cost of Construction									\$616,399	

Notes & Comments:

GFP costs are only used 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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Asset Description: Trail Circulation
 Summary Item G10 Site Preparation

Total Cost: \$160,632

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		INSTALLATION		TOTALS	
				Material Cost/Unit	Total Material Cost	Install Cost/Unit	Total Install Cost	Total Cost/Unit	Total Cost
G1020	SITE DEMOLITION & RELOCATIONS								
G1022	Remove 10' wide asphalt trail and base course	232	LF	\$ -	\$0	\$ 138.00	\$32,016	\$ 138.00	\$32,016
G1022	Remove 8' wide asphalt trail and base course	470	LF	\$ -	\$0	\$ 110.40	\$51,888	\$ 110.40	\$51,888
G1022	Remove 6' wide asphalt trail and base course	654	LF	\$ -	\$0	\$ 82.80	\$54,151	\$ 82.80	\$54,151
G1022	Remove 8' wide asphalt trail and reuse base course	130	LF	\$ -	\$0	\$ 138.00	\$17,940	\$ 138.00	\$17,940
G1022	Remove 6' wide asphalt trail and reuse base course	42	LF	\$ -	\$0	\$ 110.40	\$4,637	\$ 110.40	\$4,637
SUBTOTAL	SITE DEMOLITION & RELOCATIONS	1	Ea	\$ -	\$0	\$ 160,632	\$160,632	\$ 160,632	\$160,632

Summary Item G10 Site Preparation

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		INSTALLATION		TOTALS	
				Material Cost/Unit	Total Material Cost	Install Cost/Unit	Total Install Cost	Total Cost/Unit	Total Cost
G10	Site Preparation	1	Ea	\$ -	\$0	\$ 160,632	\$160,632	\$ 160,632	\$160,632

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Asset Description: **Trail Circulation**
 Summary Item **G20 Site Improvements**

Total Cost: \$178,362

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		INSTALLATION		TOTALS	
				Material Cost/Unit	Total Material Cost	Install Cost/Unit	Total Install Cost	Total Cost/Unit	Total Cost
G2010	ROADWAYS								
G2012	10' wide vehicular ABA asphalt paving with new base course	121	LF	\$ 34.05	\$4,120	\$ 8.51	\$1,030	\$ 42.56	\$5,150
SUBTOTAL	ROADWAYS	1	Ea	\$ 4,119.81	\$4,120	\$ 1,029.95	\$1,030	\$ 5,149.76	\$5,150

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		INSTALLATION		TOTALS	
				Material Cost/Unit	Total Material Cost	Install Cost/Unit	Total Install Cost	Total Cost/Unit	Total Cost
G2030	PEDESTRIAN PAVING								
G2031	Pedestrian Exposed Aggregate Paving (4" thick) compacted subbase 8" gravel base stone inlaid in paving (2" thick stone) seeded with oversized cobbles	350.0	SF	\$ 9.46	\$3,309	\$ 6.30	\$2,206	\$ 15.76	\$5,515
G2031	Widen 6' asphalt trail to 8' wide ABA asphalt trail	1131.0	LF	\$ 20.69	\$23,398	\$ 5.17	\$5,850	\$ 25.86	\$29,248
G2031	Widen 8' asphalt trail to 10' wide ABA asphalt trail	340.0	LF	\$ 26.93	\$9,156	\$ 6.73	\$2,289	\$ 33.66	\$11,444
G2031	8' wide asphalt ABA trail	755.0	LF	\$ 26.38	\$19,920	\$ 6.60	\$4,980	\$ 32.98	\$24,900
SUBTOTAL	PEDESTRIAN PAVING	1	Ea	\$ 55,783	\$55,783	\$ 15,325	\$15,325	\$ 71,107	\$71,107

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		INSTALLATION		TOTALS	
				Material Cost/Unit	Total Material Cost	Install Cost/Unit	Total Install Cost	Total Cost/Unit	Total Cost
G2040	SITE DEVELOPMENT								
G2041	Wood post and rail fencing	1050	LF	\$ 13.50	\$14,175	\$ 9.00	\$9,450	\$ 22.50	\$23,625
G2044	Signage & Exhibit Fabrication & Installation	1	LS	\$ 51,434	\$51,434	\$ 4,360.00	\$4,360	\$ 55,793.75	\$55,794
SUBTOTAL	SITE DEVELOPMENT	1	Ea	\$ 65,609	\$65,609	\$ 13,810	\$13,810	\$ 79,419	\$79,419

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Total Cost: \$178,362

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				Material Cost/Unit	Total Material Cost	Install Cost/Unit	Total Install Cost	Total Cost/Unit	Total Cost
G2050	LANDSCAPING								
2051	Topsoil for reclamation (4")	24659	SF	\$ -	\$0	\$ 0.92	\$22,686	\$ 0.92	\$22,686
SUBTOTAL	LANDSCAPING	1	Ea	\$ -	\$0	\$ 22,686	\$22,686	\$ 22,686	\$22,686

Summary Item **G20 Site Improvements**

Uniformat II WBS Code	Description	Quantity	Unit	MATERIAL		INSTALLATION		TOTALS	
				Material Cost/Unit	Total Material Cost	Install Cost/Unit	Total Install Cost	Total Cost/Unit	Total Cost
G20	Site Improvements	1	Ea	\$ 125,511	\$125,511	\$ 52,851	\$52,851	\$ 178,362	\$178,362