Smith, Ralph N - DNR

From: Dave Larsen <dlarsen@reiengineering.com>
Sent: Dave Larsen <dlarsen@reiengineering.com>
Thursday, September 06, 2018 5:17 PM

To: Smith, Ralph N - DNR; Saari, Christopher A - DNR

Subject: Bayside

Attachments: 6198 abandon and replace MW2 .pdf

Follow Up Flag: Follow up Flag Status: Flagged

Ralph, cost proposal for the abandonment of MW2 during the soil excavation and additional cost to return to reinstall the well. Since this project had little funding remaining, REI will make every effort to keep the cost of the replacement well installation under the PECFA allowable rate.

Thank you,
David N. Larsen P.G
Senior Hydrogeologist / Professional Geologist



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Usual and Customary Standardized Invoice #24 July 2018- December 2018





3,309.81

PECFA #: 54873-8210-22 Vendor Name: REI

BRRTS #: 03-16-000971 Invoice #:

Invoice Date: Proposal Date 9/6/18 Site Name: Bayside Forestry

Site Address: 922 E Cty Hwy L, Solon Springs Check #:

U&C Total \$ 3,309.81 Variance to U&C Total \$ Grand Total \$

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	Ν	MAX UNIT COST	UNITS	TOTAL MAX
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	\$	137.13	1	\$ 137.13
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$	108.15	1	\$ 108.15
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	\$	287.70	1	\$ 287.70
8	Well Abandonment	Consultant	WAB05	Coordination	Site	\$	162.86	1	\$ 162.86
8	Well Abandonment	Consultant	WAB10	Water column < 30 ft	Ft	\$	2.52	12	\$ 30.24
8	Well Abandonment	Consultant	WAB20	Bentonite Pellets (50lb bag - 1/4" pellet)	Bag	\$	10.82	1	\$ 10.82
10	Initial Site Survey	Consultant	IS10	Subsequent Surveys	Well	\$	110.15	1	\$ 110.15
13.b	Drilling In Unconsolidated Soils - Without Soil And/Or GW Sampling Drilling In Unconsolidated Soils -	Consultant	DR25	Consultant Oversight	Ft	\$	1.58	12	\$ 18.96
13.b	Without Soil And/Or GW Sampling Drilling In Unconsolidated Soils -	Consultant	DR30	Primary Mob/Demob	Site	\$	505.16	1	\$ 505.16
13.e	Without Soil And/Or GW Sampling	Commodity	DR60	Drilling in Unconsolidated Soils	Ft	\$	11.97	12	\$ 143.64
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	\$	3.89	12	\$ 46.68
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	\$	16.70	12	\$ 200.40
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	\$	147.63	1	\$ 147.63
15	Misc. Drilling Activities & Supplies		MDT05	Drill Rig Mob/Demob	Mob/Demob	\$	963.38	1	\$ 963.38
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	\$	55.13	1	\$ 55.13
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$	381.78	1	\$ 381.78