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May not directly correlate to the Bid Form.

Becker Pond Dam Removal
 Engineer's Opinion of Probable Construction Cost
 100% Design Submittal for Bids
 6/30/2024

Base Bid Items

No.	Item	Quantity	Unit	Unit Cost	Total Cost	Notes
1	Mobilization & Demobilization	1	LS	\$ 83,000	\$ 83,000	20% of other items
2	Flow Management, Erosion and Pollution Control	1	LS	\$ 130,400	\$ 130,400	Pumping, silt fence, miscellaneous erosion control activities. 50% of Items 3-8
3	Clearing and Grubbing	1.5	AC	\$ 30,000	\$ 45,000	Clearing and grubbing within limits of disturbance as required to complete the work (0.12 ac) and furnish Large Wood for construction of Large Wood Structures. Stockpiling of logs, rootwads, and slash is incidental.
4	Dam Demolition and Disposal	1	LS	\$ 150,000	\$ 150,000	Removal of full vertical and horizontal extent of dam, removal and breaking up of concrete, and offsite disposal of concrete (119 CY), footbridge, etc. Includes excavation and fill below proposed contours as necessary to remove full extent of concrete.
5	Earthwork - On-site Reuse	215	CY	\$ 50	\$ 10,750	Excavation of earthen material to lines and grades shown on plans and reuse on site. Assumes soil to borrow pit void 215 CY.
6	Earthwork - Off-site Disposal	501	CY	\$ 80	\$ 40,080	Excavation of impounded sediment and off-site disposal. Assumes no special landfill disposal and beneficial reuse. Assumes sediment and excess soil to landfill 501 CY)
7	Large Wood - Logs	15	EA	\$ 500	\$ 7,500	Placement of logs for large wood structures. Assumes on-site harvesting of existing and downed trees. Reuse of slash is incidental.
8	Large Wood - Logs with Rootwads	15	EA	\$ 500	\$ 7,500	Placement of logs with rootwads for large wood structures. Assumes on-site harvesting of existing and downed trees. Reuse of slash is incidental.
9	Surface Fabric Treatment	330	SY	\$ 15	\$ 5,000	Surface fabric as required to cover disturbed banks within limits shown on the Plans
10	Seeding	1.2	AC	\$ 15,000	\$ 18,000	Includes all exposed surfaces within limits of disturbance associated with dam removal operations, former impoundment, and approximately half of the width of Access Entrance pathway (either one)
11	Container Plants (2 Gallon Shrubs)	10	EA	\$ 100	\$ 1,000	Native plantings within the limits shown on the Plans in the historical borrow pit.

Subtotal	\$ 528,230	< Subtotal includes ADD/ALT 1 because it's the preferred outcome.
Contingency (20%)	\$ 105,600	
Total	\$ 633,830	

Additive Items

ADD/ALT 1	ADD/ALT 1 Access Entrance Alternative 1	1	LS	\$ 30,000	\$ 30,000	Preparation of all site access within the footprint of Access Entrance Alt 1 including ground protection, E&SC, Staging, Fencing, etc...
ADD/ALT 2	ADD/ALT 2 Access Entrance Alternative 2	1	LS	\$ 100,000	\$ 100,000	Preparation of all site access within the footprint of Access Entrance Alt 2 including ground protection, E&SC, Fencing, ground protection, etc... Includes clearing and grubbing of 10,180 SF (0.25 ac).
ADD/ALT 3	Container Plants (3 Gallon Trees)	30	EA	\$ 150	\$ 4,500	Native plantings as contingency for placement along Access Entrance Alternative 2
ADD/ALT 4	Biologist	5	Day	\$ 1,500	\$ 7,500.00	On-Site Biologist, 5 x 8-hour days, includes mileage.

AC = Acre
 CY = Cubic Yards
 EA = Each
 LS = Lump Sum
 SY = Square Yards