



March 12, 2014

Mr. Steve Adams  
City of Loveland – Water and Power Dept.  
200 N. Wilson Ave.  
Loveland, CO. 80537

RE: Idylwilde Dam  
Subject: Channel Grading and Excavation above Dam

Dear Mr. Adams,

Kiewit Infrastructure Co. is pleased to provide a proposal to complete reservoir grading, excavate, and haul materials from the Idylwilde Dam upstream river channel relocation to the approximate flow line elevations shown on the current grading plans:

Description				
	Qty.	Unit	Unit Price	Total Amount

Task Order No. 1 - Reservoir Grading	1	LS	\$204,000.00	\$204,000.00
Task Order No. 2 - Excavate, Load, and Haul Gravel and Sediment	30,000	CY	\$9.95	\$298,500.00
Task Order No. 2 - Traffic Control	20	Day	\$1,300.00	\$26,000.00
Performance & Payment Bond (0.75%)	1	LS	\$3,964.00	\$3,964.00

**Total Contract Amount**

**\$532,464.00**

A summary of contract activities are summarized as follows:

**Task Order No. 1 – Reservoir Grading (\$204,000)**

- Over excavate, refill and raise the riverbed flow line from approximately cross section XS1 to XS4.
- Complete final riverbed and slope configuration acceptable to the USFS from cross section XS1 to XS4 .
- Balance cut and fill materials from cross section XS4 to XS6.
- Lower, realign and reshape the river from cross section XS4 to XS8
- Remove armoring and grade the slopes near cross section XS8.
- Replacement of armoring at cross section XS8 (is waiting on the impending Walsh design for this area).
- Dig test pits (4 each up to 15 feet deep).
- Survey:
  - Set Site Benchmarks for Dam removal limits
  - Set control points with horizontal/vertical values for the USFS to tie their survey to.

- Site topography
  - Before road slope sliver fills
  - After major dam cut/removal
  - After USFS and City of Loveland Meeting
- Prepare Survey exhibit maps to show comparison between original King Survey files.
- Research CDOT R/W limits and existing Dam drawings
- Layout CDOT R/W limits to determine what works with design modeling
- Design possible on-site stockpile locations
- Design USFS CADD model (2 alignment changes, 2 complete model revisions w/multiple design scenario's)
- Layout River Channel

**Task Order No. 2 – Excavate, Load, and Haul Gravel and Sediment & Traffic Control (\$324,500)**

- Excavate, load, and haul approximately 30,000 CY (\$9.95 per Cubic Yard). This material will be hauled to two (2) locations (Idylwilde Lane and Moodie Street). Measurement will be by the truck load at 9 CY/truck load (\$298,500).
- The City of Loveland will be provided with an accounting of the materials delivered to each location.
- Price includes the cost to balance remaining cut and fills within the flood plain while harvesting boulders for subsequent placement.
- Price includes the construction and removal of tracking pad(s) to minimize dirt tracking onto Highway 34.
- Traffic control – Traffic Control (Idylwilde Dam Area Only) - Traffic Control Manager, flaggers, signing and single lane closure traffic control devices for on-highway haul for 20 days at \$1,300 per day (\$26,000).
- Performance and Payment Bond – Add 0.75% to the Change Order amount if required.

This work can be completed in approximately 31 working days (weather permitting).

Future work, which may include additional riverbed alignment, excavation and replacement of unsuitable river bottom materials (with potential associated material wasting and import), shaping, and establishment of fish habitat is not included and would require scope definition, a price proposal, and Change Order.

We hope that this proposal meets your needs. If you have any questions concerning this revision to our proposal, please contact me at (303) 979-9330 or my cell (954-770-2749).

Sincerely,

KIEWIT INFRASTRUCTURE CO.



Van Groves  
Vice President