

APPENDIX C
PRELIMINARY DESIGN COST ESTIMATE

ENGINEER'S CONSTRUCTION COST ESTIMATE

Natural Systems Design

Project: GOLD CREEK INSTREAM RESTORATION PROJECT
Project No: KCT-008
Client: Kittitas Conservation Trust

Analyst: E. D'Oro
Checked: M. Hrachovec
Latest Revision: 6/8/17

Construction

| Item # | Item Description | Quantity | Unit | Unit Price (\$) | Amount (\$) |
|-----------------------------|---|----------|------|-----------------|--------------------|
| 1 | MOBILIZATION | 1 | LS | \$402,424 | \$402,424 |
| 2 | HELICOPTER OPERATIONS | 1 | LS | \$987,706 | \$987,706 |
| 3 | TEMPORARY CONSTRUCTION ACCESS & STAGING | 1 | LS | \$112,180 | \$112,180 |
| 4 | TEMPORARY EROSION & SEDIMENT CONTROL MEASURES | 1 | LS | \$213,000 | \$213,000 |
| 5 | SIDE CHANNEL EXCAVATION | 23,568 | CY | \$21 | \$501,998 |
| 6 | TYPE 1 ELJ | 21 | EA | \$21,226 | \$445,737 |
| 7 | TYPE 2 ELJ | 34 | EA | \$18,813 | \$639,652 |
| 8 | TYPE 3 ELJ | 16 | EA | \$12,388 | \$198,205 |
| 9 | TYPE 4 ELJ | 2 | EA | \$16,358 | \$32,717 |
| 10 | FLOODPLAIN ROUGHNESS and TOE HABITAT LOGS | 1 | LS | \$257,399 | \$257,399 |
| 11 | GRADE CONTROL LOGS | 1 | EA | \$34,080 | \$34,080 |
| 12 | REVEGETATION | 6 | AC | \$28,400 | \$170,400 |
| | Subtotal | | | \$0 | \$402,424 |
| | Taxes (as % of Construction Sub-Total) | 8.0% | | | \$319,640 |
| Total (Construction) | | | | | \$4,315,139 |

Allowance for Indeterminates Included in Bid Items: 30%
Inflation to 2020 \$ Included in Bid Items: 12%

Grand Total \$4,315,139