

Change Order #1

Yampa River Upland Improvements At Diversion Park, Craig, CO Preliminary Design, Permitting, and Final Design

8/10/2021

TASK		Task Subtotal	Phase Subtotal
Task 1: Preliminary Design and Permitting Applications			\$ 29,360
1.1	Site Analysis – Miller Design (MD) to acquire the necessary existing site information from maps, field observations and discussions with RWE and City of Craig Representatives (CCR) to develop accurate plans.	\$ 1,400	
1.2	Conceptual Alternatives – The information on the original Concept Site Plan for Diversion Park, dated April 14, 2015, shall be used as a base plan for further development of conceptual design alternatives by MD. Plans shall be to scale and shall indicate site locations, sizes, shapes and elevations of proposed park features such as vault toilets, trails, “nature play” playground, climbing rocks, entrance road and parking, picnic shelters, changing areas, viewing terraces, etc.	\$ 5,400	
1.3	Design Development – Based on approved concept designs, MD to prepare pre-final design (60%). This design shall include preliminary grading at a scale of 1”=30’ for the entire site. Additionally, preliminary construction details and specifications shall be provided for all site features. These may be provided by MD, RWE or others. Based on these drawings, an opinion of probable construction cost shall be prepared if necessary. Plans may undergo alterations to bring within budget prior to final approval by RWE and CCR.	\$ 12,600	
1.4	Permit Applications - Includes local construction permit applications (no permit fees) for work above the ordinary high water line.	\$ 1,300	
1.5	Biological Surveys, Agency Coordination, and Additional Permit Documentation - Includes completion of baseline biological surveys needed for EDA EA requirements, 404 permitting requirements and Section 7 Consultation. The project team will coordinate with agencies through the process and complete application documentation needed. Assumes no surveys are needed at the Loudy Simpson Improvements and does not include a full Biological Assessment (BA).	\$ 6,100	
1.6	Meetings and Coordination - Includes up to four agency meetings and seven project team teleconference meetings (formal or informal) by MD. Includes City and subconsultant coordination and responses to City requests.	\$ 860	
1.7	Expenses - Includes travel and office expenses.	\$ 1,700	

Task II: Construction Drawings			\$ 5,300
2.1	Site Plan – MD to provide a plan that indicates the size and location of all park features to be included. This may include items such as vault toilets, trails, “nature play” playground, entrance road and parking, picnic shelters, changing areas, viewing terraces, landscaping, gaming areas, etc.	\$ 1,100	
2.2	Grading Plans – MD to provide grading plans at a scale of 1”=20’ or 1”=30’. Proposed contours shall be shown at 1’ or 2’ contour intervals. Plans to indicate final sizes and shapes of park features, and all other proposed alterations to the existing conditions. (This may be combined with the Site Plan).	\$ 1,100	
2.3	Earthworks Plan – MD to indicate proposed areas of cut and fill and quantity of material to be moved per area in cubic yards. Should earthworks be kept at a minimum, this plan may not be necessary.	\$ 800	
2.4	Drainage Plan – MD to indicate catch basins, drainage sumps, subsurface perforated drainpipe, subsurface non-perforated drainpipe and outfall locations or connections to the existing drainage system. This information may be shown on the grading plan. (This information may be provided by RWE).	\$ 400	
2.5	Grassing and Landscape Plan – MD to provide a plan indicating the turfgrasses, shrubs and trees to be planted. This plan shall also indicate additional landscape features such as boulders, mulched areas, fencing, etc. as necessary. (Irrigation Plan not included in this proposal.).	\$ 600	
2.6	Construction Details – MD to provide preliminary construction details for park features such as trails, gaming areas, nature play areas, landscape planting, etc. It is understood that some of these details may be provided by others, such as vault toilets, picnic structures and pre-made playground equipment.	\$ 1,000	
2.7	Specifications – Provide written specifications to compliment preliminary construction details.	\$ 300	
MISC	Contract Administration - Contract administration completed by Riverwise Engineering at 6%.		\$ 2,080
Total			\$ 36,740

Notes:

- 1) Does not include construction phase services, additional surveying for construction nor any permit conditions or additionally requested studies from permitting agencies that are not included in this proposal. Does not include Biological Assessment that may be
- 2) Does not include additional state and local permits that may be necessary prior to construction. These will be acquired by the contractor during construction phase services. Does not include NPDES permit or SWMP, which may be required during construction.
- 3) Construction administration and observations are required by MD and RWE staff.
- 4) Costs are based on the following hourly rates: Principal Engineer \$160/hr., Civil Engineer \$145/hr., Principal Architect \$125/hr., Architect \$90/hr., Biologist \$115/hr., Graphics \$95/hr., Administrative \$65/hr.
- 5) Assumes City staff will publish all notices and communication required for the EDA funding.
- 6) Assumes all wetland delineations cover the project areas and will be valid.