1. Can you please provide labeling for the existing contours on the east side of plan sheet C4?

Response:
An updated Sheet C4 showing existing ground contours east of the embankment is provided with this response. Plan sheet C4 attached.

2. The seed mix in the spec lists Blue Penstemon as a part of the seed mix. Would Rocky Mountain Penstemon be acceptable?

Response:
Rocky Mountain Penstemon is not an acceptable substitute. Per the response provided by BLM regarding Rocky Mountain Penstemon, “It is not native to Idaho and is not found naturally growing in elevations under 7000 ft.”

3. The locally sourced riprap appears to contain a large quantity of rock larger than the 6”-12” spec, along with various fines smaller than 6”. Please confirm that all riprap needs to be in between 6” and 12” and that no larger rock will be acceptable.

Response:
The minimum riprap size shall be 6 inches. The design riprap blanket thickness for the embankment is 18 inches, and as the erosion risk is limited on the face of the embankment, rock up to a maximum ‘C’ dimension of 18 inches will be allowed. If the contractor’s preference is to sort less rock, at his option, the blanket thickness for the embankment may be increased to 24 to 30 inches with a maximum ‘C’ dimension of 24 to 30 inches.

For the spillway, the erosion risk is more significant. The design riprap blanket thickness for the spillway is 24 inches. Therefore, the maximum allowable ‘C’ dimension for the spillway riprap shall be 18 inches. If the contractor’s preference is to sort less rock, at his option, the blanket thickness for the spillway may be increased to 30 – 36 inches with a maximum ‘C’ dimension of 24 to 30 inches.

(Note: The ‘C’ dimension refers to the smallest rock dimension with ‘A’ referring to length, ‘B’ referring to width, and ‘C’ referring to height.) In all other aspects, riprap shall meet the requirements of Section 02350 of the Contract Documents.
4. Is there an opportunity to still be eligible to bid this project?

Response:
Bids will not be accepted from prime bidders who do not attend the mandatory pre-bid conference. Per section AB-1 and BP-10 of the bid documents.

5. If you would have time to meet onsite we would request a meeting and also an addendum to the project to allow for additional bidders.

Response:
The mandatory requirements in AB-1 and BP-10 do not allow us to accommodate this request.

5.1 Do you have any plans to change this requirement in an addendum?

Response:
No

5.2 Can we receive a copy of the sign in sheet for the Pre-bid?

Response:
Pre-bid Sign in sheet is attached

6. We are requesting some aerial photos from the Quadrant Consulting, Inc. of the MP-31 project site.

Response:
Link to photos - https://app.box.com/s/xasxynnlay8puzy00ubze1gr7zc44hto
EMBANKMENT FILL SPECIFICATIONS:

1. FREE OF LARGE ROCKS GREATER THAN 4" IN DIAMETER, ROOTS, REFUSE, BRUSH, CEMENTED SOILS, FROZEN SOILS, OR OTHER DEBRIS.

2. SOIL SHALL BE NATIVE INORGANIC, LEAN CLAY OR CLAYEY SAND MATERIAL AND CONFORM TO THE REQUIREMENTS PRESENTED IN THE LIMITED GEOTECHNICAL ENGINEERING REPORT BY MATERIALS TESTING AND INSPECTION (MTI) DATED SEPTEMBER 11, 2020, SEE SPECIFICATIONS.

3. FILL SHALL NOT INCLUDE EXPANSIVE CLAYS.

4. GEOTECHNICAL ENGINEER SHALL INSPECT AND APPROVE OF EXPOSED SUBGRADE PRIOR TO INITIAL FILL PLACEMENT.

5. EMBANKMENT SHALL BE CONSTRUCTED IN 6" THICK LIFTS MAXIMUM COMPACTED TO EXCEED 95% ASTM D698. COMPACTION SHALL BE VERIFIED BY GEOTECHNICAL ENGINEER. ONE COMPACTION TEST PER LIFT PER 50 FEET OF EMBANKMENT LENGTH REQUIRED, MIN.

6. THE OWNER WILL CONTRACT SEPARATELY AN INDEPENDENT THIRD PARTY TESTING FIRM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ON SITE TESTING AND INSPECTION WITH OWNER'S INDEPENDENT TESTING FIRM TO ENSURE THAT FILL PLACEMENT HAS BEEN COMPLETED TO PROJECT SPECIFICATIONS.

EMBANKMENT BORROW:

1. REMOVE UPPER 12" OF TOPSOIL/VEGETATIVE MATTER FROM EMBANKMENT BORROW AREAS, STOCKPILE ON-SITE FOR RE-USE.

2. GEOTECHNICAL ENGINEER SHALL BE CONTACTED TO VERIFY SUITABILITY OF BORROW MATERIAL PRIOR TO PLACEMENT.

3. PER NRCS SOILS REPORT FOR JEROME COUNTY (SEE SPECIFICATIONS). ON-SITE MATERIAL IS A CLAY LOAM SOIL TYPE WITH EXPECTED DEPTH OF 5"-15". THIS MATERIAL IS SUITABLE FOR EMBANKMENT CONSTRUCTION EXCLUDING ANY CEMENTED MATERIAL AND COBBLE GREATER THAN 8" IN DIAMETER.

4. FOLLOWING COMPLETION OF EMBANKMENT CONSTRUCTION, SPREAD STOCKPILED TOPSOIL TO A MINIMUM 6" THICKNESS OVER ALL DISTURBED AREAS.

NOTES:

- EMBANKMENT FILL VOLUME = 5220 CY
- RIP-RAP VOLUME (UPSTREAM FACE) = 720 CY
- RIP-RAP VOLUME (SPILLWAY) = 250 CY
- PIT-RUN VOLUME (TOE DRAIN) = 180 CY
- MAXIMUM EMBANKMENT THICKNESS @ EG TOE = 78'±
- MAXIMUM HYDRAULIC HEIGHT = 8.5'±
- MAXIMUM EMBANKMENT THICKNESS @ TOP = 15'±
- ESTIMATED FULL POOL VOLUME ABOVE BASE OF EMBANKMENT = 2370 ACRE-FT

EMBANKMENT BORROW:

- CONCRETE ECOLOGY BLOCK SPILLWAY CREST, WITH EACH @ 2X2X6, TOP OF CREST EL, 4070, REMOVE EXISTING TOPSOIL/VEGETATIVE MATTER BENEATH EMBANKMENT (18" MIN.) PRIOR TO EXCAVATING KEYAY AND PLACING FILL, STOCKPILE ON-SITE FOR RE-USE AS FINAL COVER OVER EMBANKMENT BORROW AREAS.
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<thead>
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