ADDENDUM NUMBER FOUR
BID S-6-21

To: All Prospective Bidders and all others concerned

From: City of Cheyenne, Purchasing Manager, TJ Barttelbort

Date: October 5, 2020

Subject: Addendum Number Four to Bid S-6-21 for the Happy Jack Landfill Phase 2, Cells 1 and 2 Construction and Cell 3 Excavation Earthworks project

The changes, clarifications, omissions, additions, and/or alterations in, on, and to the bid information and specifications shall apply to the Invitation For Bid submitted for and to the project indicated above. Except as modified by this Addendum Number Four, all of the terms and provisions of the Invitation for Bid for the above listed project remain in full force and effect. This Addendum Number Four supersedes all previous instructions pertaining to the items listed:

**Revised Bid Submission Deadline:**

1. The revised bid submission deadline is updated to Friday, October 09, 2020, 02:00 PM in Room 309 of the Municipal Building at 2101 O’Neil Avenue, Cheyenne, WY 82001.

**Clarifications:**

C1: Three (3) revised drawings are provided via this Addendum Four, to clarify liner requirements in the sumps and the components of the Leachate Collection System. Drawings titled “LEACHATE COLLECTION SYSTEM DETAILS (SHEET 1 OF 2)” “LEACHATE COLLECTION SYSTEM P&ID,” & “LEACHATE COLLECTION SYSTEM CELL DISCHARGE PIPE SYSTEM SECTIONS AND DETAILS” are included.

**Questions & Responses:**

Q1: Please confirm that the Survey used for final payment quantities of the installed geosynthetic materials will be based on actual surface area (3D) and include materials buried in the anchor trenches. We assume the double layer (rubsheets) of HDPE liner and GCL placed in the sump and slope risers will be considered incidental and not part of the final payment area.
**A1:** Final payment of installed geosynthetics will be based on neat line 3D surface area of materials installed. Material installed in the anchor trenches will be added to neat line surveyed quantity per Detail 3 on Sheet 7. The HDPE liner and GCL in the sump area and side slope risers will be surveyed and included as part of final payment area.

**Q2:** Scope of work clarification:

The measurement and payment for Earthworks, Item 5 – Prepare Cell Subgrade (Finish Grading), states “including but not limited to: protection and maintenance of the subgrade; drying and/or moisture-conditioning for roller compaction, as required; excavating, hauling, and satisfactorily disposing of and replacing all unsuitable subgrade material; and proof-rolling as directed by the CQA MANAGER.”

The measure and payment for Installation, Item 2 – Installation of GCL states “including but not limited to: subgrade maintenance, acceptance, and protection; protection of installed GCL; repair of damaged installed GCL as necessary; and field quality control.”

Please confirm that ALL subgrade maintenance (including surface/stormwater removal) during geosynthetic installation is the responsibility of the Earthwork contractor.

**A2:** The Earthworks Contractor will be responsible for all subgrade maintenance during geosynthetics installation including but not limited to: protection and maintenance of the subgrade; drying and/or moisture-conditioning for roller compaction, as required; excavating, hauling, and satisfactorily disposing of and replacing all unsuitable subgrade material; and proof-rolling as directed by the CQA MANAGER. The Earthworks Contractor will also need to maintain subgrade moisture content to the specified moisture content; and, provide equipment and operators during liner deployment to repair areas of the subgrade which require repair due to deployment operations. The Geosynthetics Installer can disregard the subgrade maintenance reference under Item 2 in Section 01 22 13.

**Q3:** Should the Geosynthetic Procurement bid include sales tax and cost for payment bonds?

**A3:** The cost of all Performance & Payment Bonds shall be included in the cost of the submitted bid. If a supplier is providing the geosynthetics materials directly to the City of Cheyenne, then sales tax is not applicable. However, if the geosynthetics are provided by an installer or party other than the manufacturer, sales tax needs to be included.

**Q4:** Can the 5% retainage be waived from the Geosynthetic Procurement payment since the scope is supply only and the contract is complete upon material delivery?

**A4:** No, the 5% retainage will not be waived.

**Q5:** Please confirm the Geosynthetic Procurement bid form quantities for the HDPE and GCL include the extra materials for the double layer (rubsheets) in the sumps and slope risers. Our calculations show these two bid items may be 30,000 SF short each.

**A5:** See revised Drawing 8 “LEACHATE COLLECTION SYSTEM DETAILS (SHEET 1 OF 2) for geosynthetic placement requirements in leachate collection sumps. Geosynthetic
suppliers shall bid the quantities provided on the bid form and provide a quantity takeoff within 10 days of the notice of award to aid the City in ordering the required quantity of materials form the geosynthetics supplier. The geosynthetics installer will be responsible for providing additional materials, pre-construction testing, and conformance testing of additional materials in the event they did not accurately estimate geosynthetics quantities when preparing quantity takeoff.

ADDENDUM FOUR ACKNOWLEDGED:

BY ____________________________ TITLE ____________________________

(Addendum must be signed and returned with bid or receipt of the addendum must be acknowledged on the Invitation to Bid).

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NOTES

1. ALL MATERIALS SHALL BE AS SPECIFIED OR ENGINEER APPROVED EQUIVALENT.

2. CONTRACTOR SHALL PROVIDE 316 STAINLESS STEEL CAM COUPLERS FOR DISCHARGE HOSE SEGMENT CONNECTIONS.

3. FREEZE PROTECTION IS REQUIRED FOR ABOVE GROUND PIPING. ELECTRIC HEAT TRACE, INSULATION AND CLADDING AS REQUIRED.

4. ALL PIPING OUTSIDE OR BELOW THE CONCRETE CONTAINMENT SHALL BE DUAL WALL SECONDARY CONTAINMENT PIPE 4" x 2".

5. PROVIDE MINIMUM 5 PIPE DIAMETERS UPSTREAM AND 2 DIAMETERS DOWNSTREAM OF FLOW METER.

6. IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI D 18" Ø LCRS RISER PIPE

SEE DETAIL SHEETS 8 & 9

20" PVC TRU-UNION BALL VALVE
2" PVC TRU-UNION BALL VALVE LEAK POINT DRain
2" DELEGATION PVC PIPE SCH 80
1 1/2" x 2" CONCENTRIC REDUCER
CONCRETE ContAINMENT IN RAISED CLUMP FOR SECONDARY ContAINMENT

6' MIN GRADE BURIAL DEPTH

NOTE 3
SEE NOTE 3

NOTE 4
SEE NOTE 4

NOTE 5
SEE NOTE 5