



313 CREE MEADOWS DRIVE
RUIDOSO, NM, 88345
575-258-4343

WWW.RUIDOSO-NM.GOV

Date: July 12, 2023

**Ref: ITB #2023-017B GRINDSTONE CANYON DAM CONCRETE REPAIR
PRINCIPAL SPILLWAY AND NORTH DAM CREST**

ADDENDUM #3

Purpose: The following is being provided in response to questions/comments submitted by offerors during the mandatory pre-bid conference on July 7, 2023 and shall be incorporated into the ITB documents for the above referenced project.

If you have any questions regarding the procurement or the project, please contact Gresh Eckrich, PE at Yeh and Associates, Inc. via email geckrich@yeh-eng.com.

You may also contact me at purchasing@ruidoso-nm.gov.

Sincerely,

Carol Kirkpatrick
Purchasing Agent

*Questions Asked on July 7, 2023

Q1: Is there water in the spillway stilling basin?

A1: There is some water in the stilling basin, but it will be diverted before the project starts.

Q2: Has water ever gone over the spillway?

A2: Once, sometime before 2013. Water is diverted from the upper canyon diversion and water is also pumped back to the Grindstone Reservoir from the Pumpback Station 2 Rivers, Rio Ruidoso, and Pumpback Station.

Q3: How is flow into the reservoir regulated?

A3: The flow into the reservoir from the Rio Ruidoso Diversion is measured in cubic feet per second (CFS) and is regulated by the New Mexico Office of the State Engineer (NMOSE).

Q4: Will the stilling basin be cleaned out before the project begins?

A4: Yes, by Village Water Production Staff. Gallery flow will be diverted from the stilling basin to the Parshall flume before the project starts (by Water Production Staff).

Q5: Joints in concrete; do Bidders have to use SIKA?

A5: The specifications allow for use of products that are equivalent to SIKA products. After awarding the contract, the contractor would need to submit a written request for the substitution of an equal product. This requirement is covered in the specs under Section 01 33 00 SUBMITTALS, paragraph 1.1.F

- a. A technical representative is only required on site for the Thin Bonded Polymer Overlay Process, regardless of the supplier of the material.
- b. A technical representative is not required to be on site, but is recommended, for the other materials specified in specification SECTION 03 01 10 CONCRETE REPAIR.

Q6: Could anchors be installed on the spillway crest to support scaffolding for performance of the concrete repairs on the spillway chute face?

A6: It may be acceptable if the anchor holes were filled in with suitable repair material after the anchors were removed. The Village will need to contact NMOSE Dam Safety to request approval for installing the anchors in the spillway crest.

Q7: Were CSP covered in the specs? (roughness measurement)

A7: See spec SECTION 03 01 10 CONCRETE REPAIR paragraph 3.2.

Q8: Do we have a line item to repair cracks?

A8: No, there are no crack repairs or sealing of cracks. All of the repairs on the spillway require saw cutting around damaged or deteriorated areas, removal of concrete and repair with specified materials. Repairs required in each area on the spillway are detailed in the table on the drawings. Repair on the north dam crest involves removal of about 3/8' to 1/2" of the concrete over the entire area and replacement with the thin bonded polymer overlay.

Q9: Is Sikacrete-421 CI Rapid (repair material) an option?

A9: Sikacrete-421 CI Rapid is a one-component, early strength-gaining concrete containing factory blended coarse aggregate. None of the data for this product on the Sika web site indicates the gradation of the factory blended coarse aggregate. The only location where it might be applicable is replacement of the facing panels at the bottom of the spillway. The contractor would need to submit a “Substitution Request” form if he wants to use this product instead of conventional concrete.

Q10: Will the Village “sound” again with Contractor?

A10: The specs require the Contractor and Engineer to sound the concrete surface and identify and mark those areas on the spillway that will need to be repaired. See spec SECTION 03 81 10 CONCRETE REMOVAL paragraph 3.1.D.

ADDITIONAL INFORMATION:

1. Three sources of water are from the Dam Gallery, three dam drainpipes, and the bottom spillway panels. Three drains pipes drain the water between the Dam (reservoir side) and the liner.
2. Seepage history:
 - c. A Carpi liner was installed in 2015 on the upstream side of Grindstone Dam
 - i. Left, Middle, and Right drains – these are the dam drains that remove the water between the Dam and the Carpi liner.
 - ii. A hose extension will be installed on the middle and left drain lines that will divert the flow to drain hole in the stilling basin (work to be completed before project starts by Water Production staff)
 - d. The drains were cleaned inside the Dam Gallery
 - e. Some seepage on lower panels of the spillway
3. The vertical spacing of the spillway facing panels are shown as 8 feet on the record drawings, but actually vary from 4 feet or 6 feet.
 - a. Lower 3 panels more extensive deterioration than the spillway

***Attached below is the Pre-Proposal Meeting Agenda followed by the Attendees List.**

Questions Submitted in Writing (via email)

Q11: With an anticipated contract award date subsequent to the Village of Ruidoso's 8/8/23 Council Meeting approval, the 120 calendar days allotted to complete the work brings the job well into December, with a winter suspension of the work imminent. Will the Village consider a start date in the Spring of 2024 in order to alleviate a need for project phasing, in efforts to increase production and minimize the total contract cost?

A11: It is anticipated that the project can be completed in less than 120 calendar days, and that the product temperature restrictions noted in the specifications can be accommodated with construction methods. Therefore, the Village will not consider a start date in the Spring of 2024. Suspension of work will be allowed if approved by Owner. Refer to Article 15 of the General Conditions.

Q12: Section 03 01 10 of the ITB Project Manual doesn't list an approved concrete repair material for Repair Area S11 (Concrete Repair Type 2). Please provide an acceptable ReadyMix Concrete material to be used in pouring the cast-in-place reinforced concrete portion of this repair area.

A12: The repair material for repair area S11 is specified in spec Section 03 01 10 Concrete Repair, paragraph 2.1.D Concrete Repair Type 2. The specified repair material is cast-in-place concrete. Spec Section 03 30 00 Cast-In-Place Concrete, paragraph 3.1.A.2 provides an acceptable concrete mix design.

Q13: Please consider extending the bid date in order to provide ample time for each bidding contractor an opportunity to provide the most comprehensive and competitive bid proposal possible.

A13: The bid deadline will not be changed from July 20th @ 10am.

Q14: Is there potable water available around the project?

A14: Yes, potable and non-potable water are available.

Q15: Is hydro-demolition allowed?

A15: Refer to Specification 03 81 10-2 CONCRETE REMOVAL, 3.2.D and 3.2E; removal of deteriorated concrete on the spillway may be done using high-pressure water jet; removal of deteriorated concrete on the north dam crest may be done using abrasive blasting or other approved method that will produce an acceptable roughened concrete surface for the approved coating.

Q16: In the concrete repair areas (Typical concrete removal plan detail, sheet 6), in what bid item should the 4" core holes be charged?

A16: It is anticipated that the core holes would be charged in Bid Items 2 through 4.

Q17: Is there a restriction on demolition for Area S11? Is it allowed to remove the entire 1800 sf at one time?

A17: There is no restriction; it is allowed to remove the entire area.

Q18: On the waterproofing area (1350 SF), Xypex concentrated will be applied to the 1350sf. Is there a percent of the total area that should be considered for patching leaking cracks and leaking spots using the Xypex Patch'n plug?

A18: It is anticipated that the percentage of the total surface area that will leak after the existing spillway panels are removed and would need seepage control is approximately 50 percent or less.

The above clarification/adjustments shall be incorporated in the ITB documents and included in your bid. Please enter the latest addendum number on the bid page where requested.

All other terms and conditions of ITB #2023-017B remain unchanged.

July 7, 2023

Project No. 219-218

**GRINDSTONE CANYON DAM PRINCIPAL SPILLWAY AND NORTH DAM CREST
CONCRETE REPAIR PROJECT (ITB # 2023-017B)
Village of Ruidoso, New Mexico**

Pre-Bid Mandatory In-Person Conference

Meeting Agenda:

1. Introductions
 - a) Owner: Village of Ruidoso
 - b) Engineer: Gresh Eckrich, P.E., Yeh and Associates (Not in Attendance)
 - i) Chuck Hutton, P.E., Hutton Consulting
 - c) Sign-In Sheet
2. Project Location
 - a) See Vicinity Map and Site Access and Staging Plan sheets (Sheets 1 and 3).
 - b) The project site is secured by a chain link fence and locked gate.
3. Project Scope of Work
 - a) Removal and repair of deteriorated and damaged concrete on the Grindstone Canyon Dam Emergency Spillway and North Dam Crest. The dam supplies municipal and industrial water supply to the Village. The dam is a 133-foot high roller compacted concrete gravity structure that was constructed in 1987. The principal components of Work to be performed under this Contract include the following:
 1. Remove damaged concrete on principal spillway chute face in specified locations.
 2. Construct new concrete repairs on principal spillway chute face.
 3. Remove damaged existing concrete and curbs on north dam crest in specified locations.
 4. Construct new concrete repairs, dam crest overlay and transverse joints on north dam crest surface between parapet wall and curbs.
 5. Construct new concrete curbs on north dam crest.
 6. Remove and reinstall four survey monuments on the north dam crest.

The Contractor shall have experience performing concrete removal and repair projects for at least three concrete dams and spillways that have been in service for three years. Projects shall have been completed within the last ten (10) years.

4. Bidding Documents

- a) Copies of the Contract documents may be obtained at the Village of Ruidoso's Purchasing office or via the Village's website at www.ruidoso-nm.gov/purchasing or via email request at purchasing@ruidoso-nm.gov.
- b) Bidder is advised to carefully review those portions of the Bid Form requiring Bidder's representations and certifications. For example, provide Contractor/Subcontractor qualifications and relevant project experience according to Section 03 01 10, Article 1.3.

5. Bid Submittal:

Deliver by 10:00 a.m. (local time), July 20, 2023. Bids shall be in a sealed envelope, plainly marked "Bid No. 2023-017B, Grindstone Canyon Dam Concrete Repair Principal Spillway and North Dam Crest" and addressed to:

Village of Ruidoso
Attn: Carol Kirkpatrick, Purchasing Agent
313 Cree Meadows Drive
Ruidoso, NM 88345
Telephone: 575-258-4343 Extension 1081

Hand carried bids shall be delivered to the office of the Purchasing Agent, 313 Cree Meadows Drive, Ruidoso, NM 88345.

6. Instructions to Bidders

- a) All bidders are responsible for following and complying with all the terms and conditions outlined in the Instructions to Bidders.
- b) It is the responsibility of the bidder to review the plans and specifications before bid for any errors or conflicting information that may result in a change order. If an error or conflict is identified, it is the bidder's responsibility to promptly notify the engineer so that the conflict may be revised before bid opening. Change Orders may not be approved during construction if it is determined the condition creating the change should have been identified prior to bidding.
- c) Bid Shall Include:
 - Signed Bid Form
 - Acknowledgment of Addenda
 - Bid Security Bond
 - Evidence of authority to do business in the state of New Mexico
 - Contractor's License Number
 - List of Subcontractors for compliance with New Mexico Subcontractor's Fair Practices Act
 - Campaign Contribution Disclosure Form
 - Debarment Certification Form
 - Non-Collusion Affidavit
 - NM Resident or Veteran's preference certificate
 - Equipment Suppliers List

7. Sequence of Events

- a) Voluntary Pre-Bid: 6/28/2023 @ 10:00am
- b) Mandatory Pre-Bid (site visit): 7/7/2023 @ 10:00am
- c) Last Day for Bidder's Questions (via email): 7/11/2023
- d) Bids Due: 7/20/2023 @10:00am
- e) Award: 8/08/2023 Council Meeting

8. Wage Rate Determination

- a) Refer to the state wage rate determination included in Addendum No. 1: Attachment to the June 28, 2023 Pre-Bid Meeting Minutes.
- b) The state wage rate determination was mistakenly excluded from the Contract Documents.

9. Technical Specifications

10. Construction Drawings

11. Contact

- a) Please send all questions regarding the meaning and intent of the Contract Documents, to the Engineer's representative by email: Gresh Eckrich, P.E. at geckrich@yeh-eng.com

12. Questions / Comments

13. Site Visit – Grindstone Canyon Dam

- a) Meet at 550 Resort Drive

**PRE-BID
SIGN IN SHEET
ITB #2023-017 GRINDSTONE CANYON DAM PRINCIPAL SPILLWAY
AND NORTH DAM CREST CONCRETE REPAIR PROJECT**

DATE: 7/06/2023

TIME: 10:00 AM @ COUNCIL CHAMBERS

Name	Department/Company	Phone #	Email
Carol Kirkpatrick	VOR	575-258-4343	Purchasing@ruidoso-nm.gov
Chuck Hutton	YEH	303-908-2128	CHUTTON681@MSN.COM
Mae King	Truesdell	602-437-1711	estimating@truesdellcorp.com MKing@truesdellcorp.com
Jaime Castro	Restructura a division of structural	303-619-3482	jcastro@structural.net
CHRISTIAN HASSE	HASSE CONTRACTING	505-400-2356	CHASSE@HASSECO.COM
ANDREA NEJERES	VOR	575-258-4343	CAPITALPROJECTS@RUIDOSO-NM.GOV