

Pre-bid, Virtual Tour Guide
408.21.03.005
2021 Beulah/Zap Phase 16 AML Project

The Pre-bid, Virtual Tour is intended to replace the mandatory pre-bid, onsite meeting that has been required in the past for AML projects. This document does not replace or take precedence over the Invitation for Bid (IFB) or any other project documents. All Pre-bid, Virtual Tour files can be found on the Public Service Commission (PSC) website. This Pre-bid, Virtual Tour Guide provides instructions on how to use the Pre-bid, Virtual Tour.

- The Google Earth program is required to view the Pre-bid, Virtual Tour. Directions to download are at <https://www.google.com/earth/versions/download-thank-you/>. Once Google Earth is downloaded, download the kmz file located at https://psc.nd.gov/jurisdiction/aml/projects/2021_beulah_zap_phase_16/2021BeulahZapPhase16PrebidVirtualTour.kmz. The kmz file is an interactive map featuring thumbnails with the photos of the project site over Google Earth aerial imagery. The direction and location of the thumbnails indicate the actual direction and location the photo was taken. The Pre-bid, Virtual Tour is a guide to bidders for the 2021 Beulah/Zap Phase 16 AML Project. Bidders may still visit the project site on their own.
- The 2021 Beulah/Zap Phase 16 AML IFB can be found by searching the State Procurement Office (SPO) website at <https://apps.nd.gov/csd/spo/services/bidder/main.htm>.

2021 IFB Points to Highlight

1. Performance Period: 77 days – July 15 to September 29, 2021 (IFB Page 16).
2. All Quantities are Estimated: No allowance will be made for any increased expense, loss of expected reimbursement, or loss of anticipated profits suffered or claimed by CONTRACTOR resulting from either field conditions or unbalanced bid prices or any other cause.
3. Pre-Construction Requirements:
 - a. Schedule of construction: start & completion dates for mobilization, grouting, foamed sand injection; list of all equipment needed to complete the job; sequence plans, safety plans; source and brands of grout and foamed sand components-submitted and approved in writing.
 - b. ND DOT Material Source Certificate is required for any aggregate source. (IFB Page 34)
 - c. Utility Locates: The 2021 Beulah/Zap Phase 16 AML Project site will not require utility located because it will be digging below surface.
--Once these items are completed and approved, a Notice to Proceed (NTP) will be issued. If work cannot begin as specified on the NTP, Contractor shall provide a written explanation of the delay & request an alternate firm start date. The Performance Period will remain unchanged.
4. Fugitive Dust Control – (IFB Page 31).
5. Payments - Invoices may be submitted on 5th and 20th for payment on 10th & 25th. Payments are only made on the 10 and 25th.

6. Traffic Control - (IFB Page 39).
7. Clean-Up Provisions - (IFB Page 40).
8. Material Testing Cooperation - (IFB Page 43).

Work Plans: Grout and foamed sand

1. Payment for grout is performance based (page 36 of IFB).
2. We are transitioning from the slump test to the spread test. Both tests will be run concurrently at the beginning of the project. The spread test range will be determined by the Commission's Project Manager.
3. Low slump grouts (6-8 inches) may be required for specific areas of the project including where voids are expected to be directly underneath roads.
4. Casings must be pulled immediately after a hole has been pumped.

Work Plans: Groundwater Monitoring: On page 41 of IFB.

Sinkholes

1. Inert waste from construction activities may be disposed of in nearby sinkholes. The disposal sinkhole must be prior approved by the Commission's Project Manager.
2. Additional sinkholes may form on-site during the project.

Weather

1. CONTRACTOR must notify the Commission's Project Manager and Material Testing Contractor immediately if a weather delay caused work to stop.
2. Weather delays must be documented by CONTRACTOR and reviewed by Commission's Project Manager.

Documentation

1. Grout and foamed sand tickets need to be submitted to the material tester immediately upon delivery of a load.
2. The contractor is also expected to complete a grout/foamed sand injection form that tracks the amount of material injected into each hole. The form is on page 46 of the IFB

Bidding Information (Page 6 of IFB)

1. Bid opening: **Thursday**, April 8, 2021 at 11:00 am Central Time (CT). Read the IFB completely, bidders instructions are included. Late bids will not be accepted.
2. Include 5% bid bond with bid package.
3. Deadline for questions is March 31, 2021 at 5:00 pm CST. Questions must be submitted in writing. Emailed questions are accepted at pscprocurement@nd.gov
4. All attached forms must be completed with the bid.