



Village of Taos Ski Valley
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INFORMATION AND SPECIFICATIONS

ATTACHMENTS:

1. BIDFORM
2. INFORMATION AND SPECIFICATIONS
3. FEI Engineering Design for installation of the Tanks.
4. Diagram of Tank Access Opening & Pipe Penetrations.
5. Map to Site #1 State Highway 522 / 150 intersection to Taos Mountain Lodge.
6. Map to Site #2 Location of Taos Mountain Lodge in Taos Ski Valley.
7. AERIAL SITE PLAN showing unloading zone.

INFORMATION:

1. Rural Address of Site 1346 State Highway 150, Taos Ski Valley, NM.
2. Tractor Trailer turnaround is 1.25 miles east on State Highway 150 in the Taos Ski Valley Parking Lots.
3. Crane service will be on site to off load the tanks.

TANK REQUIREMENTS:

1. Tank overall outside dimensions: 108" Long; 84" Wide; 80" High.
2. Tanks shall include Base Section, Riser Section, and Top Section. Top Section shall be 8" thick, Walls and Bottom 6" thick.
3. Manufacturer must have a National Precast Concrete Association certification as a NPCA Certified Plant.
4. New Mexico Department of Transportation approval.
5. Engineering calculations for AASHTO HS-20 Loading.
6. New Mexico Environment Department approval number.
7. Tank design shall conform to the latest ASTM C1227 Specifications for "Precast Concrete Water and Wastewater Structures."
8. Concrete compressive strength 4,000 psi minimum.
9. Type 5 Portland Cement.
10. Concrete shall have MOXIE SHIELD 1800 ADMIXTURE by Moxie International.
11. Underside of the Top Section shall be sealed with ConBlock MIC by ConSeal Concrete Sealants Inc.
12. The interior of the Riser Section and Bottom Section shall be coated with MasterSeal 615 by BASF.
13. Steel reinforcing design shall conform to the requirements of ASTM C890 specifications for "Structural Design Loading for Water and Wastewater Structures" and shall utilize grade 60 rebars conforming to the requirements of ASTM A615 or WWF conforming to the requirements of ASTM A 185 or both.
14. Tank Pipe Penetrations shall be cast-in-place watertight connectors – CAST-A-SEAL 402 by Press-Seal Gasket Corporation.
15. Lifting Anchors by Press-Seal Gasket Corporation and Dayton Superior.
16. Grade Rings and Manhole Covers will be provided by the Installing Contractor.