

Statement of Work: Supply and Install Vault Toilets at Grand View Point

December 2025

PROJECT SPECIFICATIONS

PART 1 GENERAL

1.1 DESCRIPTION & REQUIREMENTS

A. Synopsis.

Canyonlands National Park requires the Contractor to supply and install **two** new double vault toilets with windscreens and a squat plate opening. The double vault toilets to be installed shall have a shed roof sloped at a 2 to 12 ratio. This work involves excavating the vault pad, supplying and placement of the vaults, buildings and windscreens, and final backfill and compaction around the vaults to the pre-determined subgrade elevations.

1. Two new double vault toilets are to be installed at the Grand View Point Overlook in Canyonlands, Island in the Sky District.

B. Location.

1. Grand View Point Overlook. The work site is located approximately 45 miles from Moab, Utah. Travel 10 miles north of Moab on U.S. Highway 191. Travel west and then south on State Highway 313 approximately 23 miles to the Island in the Sky Visitor Center. Travel 12 miles south of the Visitor Center, past Mesa Arch and continue south (straight) at the junction another 6 miles ahead to the site.

C. Period of Performance. The period of performance for this contract is 30 days after notice to proceed. The site will be accessed when the vendor arranges a closure date for the toilet installations in July 2026.

D. Warranty. Standard manufacturer's warranty on all parts and materials. One year for installation, labor and services.

E. Product Delivery and Handling.

1. Materials shall be delivered in the manufacturer's original, new unopened containers bearing manufacturer's recommendations.
2. Related miscellaneous items shall be delivered with proper identification labeling.

- F. Safety. The Contractor shall submit a safety plan that addresses the following:
1. Name of responsible on-site supervisor to carry out the safety program.
 2. Local Contact Information. Provide a list, which includes telephone numbers and addresses, of the nearest: ambulance, physician, hospital, fire department, and police.
 3. The Contractor shall have a trained first aid provider at the work site (two are preferred).
 4. Emergency Equipment. Provide a list of Contractor first aid kit locations. At a minimum the Contractor shall have at least one first aid kit onsite. Provide a list of Contractor fire extinguisher locations and type. At a minimum the Contractor shall have at least one 20 pound class C fire extinguisher.
 5. Hazardous work phases and materials. Briefly outline each phase of the work, and identify any hazardous materials, associated hazards, and the methods proposed to ensure protection of property and safety of the public, Park personnel, and the Contractor's employees. When any hazardous substances are procured, used, stored or disposed of, a Hazard Communication Program must be in place, with Safety Data Sheets (SDS) available at the worksite and employees trained. When eyes or body of any person may be exposed to corrosive chemicals or irritants, a method of quick drenching or flushing must be provided within 10 seconds of the worksite.
 6. Personal Protective Equipment (PPE). Provide a list of required PPE and a statement requiring PPE be worn by employees.
 7. The work site shall be maintained at all times to protect visitor, employee and worker safety. The Contractor shall identify responsible personnel and lines of authority and accountability for safety at all levels including safety and health officer(s) and the associated qualifications.
 8. Welding. Comply with OSHA Regulation 1910.252(a) for basic fire protection while welding. Provide welding blankets to limit the spread of sparks.
 9. **Lifting Safety Note.** Provide compliance with the lifting guidelines and safety requirements of OSHA Regulations 1926 Subpart CC for Cranes and Derricks in Construction, standards 1926.1400-1442 as applicable.
- G. Final Inspection. After all work is complete the Contractor shall schedule a final inspection with the COR. The Contractor shall provide at least three days advance notice for the final inspection.

1.2 PROJECT CONDITIONS

- A. Site Tour. A scheduled site tour will be performed. However prospective Contractors may also visit the site. Contact Brad Larsen (435) 719-2152 (Moab) to arrange for a site visit.

- B. Work days and hours. The Contractor shall perform the services required under this contract from Monday through Friday from 7:30 am until 5 pm. No work is to be performed on weekends or Federal Holidays, or outside the set work hours without the approval of the Contracting Officers Representative (COR).
- C. Services. NPS **Phones** are not available to the Contractor in the Park. **Cell phone** reception can be spotty or nonexistent at the work locations. **Restrooms** are available for Contractor use at various Park locations. **Electrical service** is not available at the jobsite. **Lodging** is not available at the jobsite. Commercial lodging is available in Moab, Utah.
- D. Submittals: **With the bid proposal the Contractor shall supply cut sheets on all items listed under part 2 products.**

PART 2 PRODUCTS

2.1 REQUIRED SALIENT FEATURES OF DOUBLE VAULT TOILET

- A. Provide: **Two** double vault toilets with no chase, with windcreens and with a squat opening and normal riser combo in one vault, and UFAS compliant accessible toilet and riser in the other vault. **Toilet roof shall be a shed roof, sloped at 2:12, with high side above front entrance doors and slope down towards the rear of the building (Attachment A).**
- B. SST (sweet smelling technology) design.
- C. Accessibility: Uniform Federal Accessibility Standards (UFAS) compliant for ADA wheelchair turning radius, grab bar heights, etc.
- D. Minimum structural requirements: snow load 45 psf, wind 100 mph, and zone-2 seismic.
- E. Precast concrete construction with minimal onsite work, utilizing vault as foundation.
- F. Each unit shall have one 1,000 gallon (minimum) vault.
- G. Vaults shall be lined with an impermeable liner.
- H. Each vault shall be sloped so that waste will drain towards the clean out end of the vault.
- I. Toilets shall be complete with doors, windows, hardware, riser, paper holders, and grab bars.
- J. Each toilet shall have a waste paper basket and hand cleaner unit attached to the wall.
- K. Exterior walls and roof shall be an integral color with an anti-graffiti sealant.
- L. Exterior color shall be selected by the Park from the manufacturer's standard colors.
- M. Exterior wall finish shall be a stucco texture.

- N. Interior walls shall be primed and painted white.
- O. Concrete roof texture shall be the manufacturer's standard option.
- P. Roof pitch shall be 2:12 (rise/run). Overhangs: One foot on sides, 2 feet front & rear.
- Q. Doors shall be 3'0" x 6'8" steel doors with spring loaded hinges.
- R. Vent stack(s) shall extend a minimum of 2'-6" above the crown of the roof with cover(s).
- S. Each UFAS unit shall have a vandal resistant handicap symbol and a restroom sign. The other unit shall have a vandal resistant squat toilet symbol and a restroom sign.
- T. Provide and attach two exterior signs to match the Attachment B photo.
- U. Hardware shall be a pull handle with push plate, and a deadbolt on each door. The deadbolt shall be lockable from the outside and have a thumb turn on the inside. The deadbolt shall be mounted at a height meeting UFAS requirements.
- V. Windscreen. The manufacturer shall incorporate L-shaped windscreens into the vault toilet along the door side of the structure. The windscreens shall extend out from the vault toilet door approximately 5 feet (this can be a combination of the vault toilet wall extending out past the door and the windscreen itself). The windscreen shall then make a right angle and extend for another 4+ feet, matching the structure's width. The windscreen shall be made of concrete and match the vault toilet texture and color. The windscreen walls shall be approximately 4" thick.
- W. Squat Plate: One side of the double vault toilet shall have a normal riser with an adjacent flush floor mounted squat hole, separated by a concrete interior wall privacy screen.
 - 1. Plate Dimensions: 20 inches x 26 inches $\pm$ 2 inches.
 - 2. Plate Material: Type 304 Stainless Steel, 18 gage.
 - 3. Drop Hole Diameter: 4-5 inches, circular shape.**
 - 4. Grab Bars:
 - a) Horizontal: Two bars 30 inches in length.
 - b) Vertical: Two bars 21 inches in length.
 - 5. Approved Product:
 - a) Acorn Engineering, Penal-Ware 1698 Squat Toilet.
 - b) Other products may be submitted for approval as an equal.
- X. Warranty Period: 10 years.

PART 3 EXECUTION

3.1 VAULT TOILET INSTALLATION

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- A. NPS will provide the preliminary graded vault toilet pad area and a finished floor height elevation reference at Grand View Point.
- B. The Contractor shall provide all equipment and materials for the vault toilet excavation, hoisting, placement and back filling. Use of explosives is not permitted.
- C. The Contractor shall excavate the pad area for the vault sites, compact the subgrade and provide bedding for the vault toilets. The bedrock at the vault sites has been removed by the NPS crews constructing the pad area.
- D. The Contractor shall install the new vault toilet on the pad using an OSHA inspected lifting device, a trained operator and comply with the lifting guidelines and safety requirements of OSHA Regulations 1926 Subpart CC for Cranes and Derricks in Construction.
- E. The Contractor shall install the vaults even to the building exterior width to provide adequate support for the windscreen unit. The installed windscreen floor at the building joint shall match the elevation of the vault building floor, flush to minus 1/8" lower, to allow drainage away from the doorways.
- F. The Contractor shall backfill and compact around the installed vault toilet to the final subgrade elevation.

END OF SECTION

PART 4 MEASUREMENT AND PAYMENT

- 4.1 Measurement and payment will be made according to the bid schedule.