

SLCoPRECAST CONCRETE VAULT AND FLUSHING BUILDING

Salt Lake County (SLCo) requests bids for PRECAST CONCRETE VAULT AND FLUSHING BUILDING.

Open	2/8/2024 10:00 AM MST	Type	Invitation for Bid
Close	2/21/2024 1:00 PM MST	Number	SLCo PAR107969 RFC
		Currency	US Dollar

Sealed Until 2/21/2024 1:00 PM MST

Contacts

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Commodity Codes

Commodity Code	Description
95140	Prefabricated buildings and structures including houses and silos and garages and emergency tents
72120	Nonresidential building construction services including commercial and office building new construction services and construction services and renovation and repair services
72121	Industrial building and warehouse construction services including new industrial building construction services and remodeling services and industrial plant construction services, tank installation and removal and disposal and related services
95130	Portable commercial and industrial buildings and structures including portable toilets

Description

PAR107969

PRECAST CONCRETE VAULT AND FLUSHING BUILDING

Request for Bids and Resulting Contract

GENERAL REQUIREMENTS

1.0 SCOPE:

Salt Lake County Contracts and Procurement, on behalf of Parks and Recreation invites your company to bid on the purchase, delivery, and installation of precast concrete Vault and Flushing restroom buildings as listed below.

VAULT TOILETS TO BE BID

1. Single hole vault toilet, with service chase
2. Single hole vault toilet, without service chase
3. Two hole vault toilet, with service chase
4. Two hole vault toilet without service chase

All vaulted unit bid pricing shall include: excavation, crane and setting, backfill and compaction, record set of plans stamped by a professional engineer licensed in the State of Utah for each plan.

Specifications for vault toilet equipment that need to be included in bid

- Vandal proof design
- Must meet current ADA standards, 60" turning radius
- Stainless steel grab bar
- Exterior Mounted signs one per unit to include options Men, Women, and Unisex
- Signs secured with tamper proof components
- Cross linked polyethylene handicap vault toilet riser
- Heavy duty seat cover and assembly
- Sweet smell technology, positive air flow
- 1000 gal concrete holding tank with ABS vault liner, dovetail embeds
- 18 gauge steel doors, stainless steel hospital style door frame stop, brush type door sweep
- Doors to be painted with one coat of oil base primer and two coats of alkyd-oil base enamel
- Stainless steel coat hook, one per door
- Heavy duty ADA locks set, Stainless steel, dead bolt keyed entry, locks keyed alike

- Concrete exterior finish to be simulated barn wood, stucco or river rock, integrally colored, and continuous on all four sides of building including corners.
- Interior walls, 100% acrylic water base commercial grade paint, White with two coats
- Roof to be simulated shake shingle, grand rib metal roof or equivalent.
- Windows to be ¼” thick translucent Lexan - two each per unit
- Double roll vandal proof toilet paper dispenser - one per unit
- Stainless steel sanitary napkin holder - one per women unit
- Metal wall mounted waste basket - one per unit
- Sign- Please do not put garbage in toilet - one per unit

Vault toilets Optional Equipment

- Options will not be considered with award evaluation.
- Options to be determined at time of order

Provide bid for optional equipment:

- Roof mounted sky light, one per unit
- Electrical package- One light in each unit, one light in chase area, one GFI receptacle in chase area
- Solar package for each unit
- Floor drains

FLUSH TOILET BUILDINGS TO BE BID

1. Single hole unit flush with service chase
2. Single hole unit without service chase

1. Two hole flush unit with service chase
2. Two hole flush unit without service chase
 - Men- one urinal, one toilet
 - Women- two toilets
 - ADA compliant

1. Three hole flush unit with service chase
2. Three hole flush unit without service chase
 - Men- one urinal, two toilets
 - Women three toilets
 - ADA compliant

1. Four hole flush unit with service chase
2. Four hole flush unit without service chase
 - Men- Two urinal, two toilets
 - Women- Four toilets

- ADA compliant

All Flush building bid pricing include delivery, crane, setting on structural pad, and record set of plans stamped by a professional engineer licensed in the State of Utah for each plan.

Owner will provide structural pad and utility rough-in and final connections.

Specifications for vault toilet equipment that need to be included in bid

- Each unit to be ADA compliant, 60" turning radius
- Vandal proof design
- Stainless steel grab bars
- Signs per individual units, to include Men, Women, or Unisex exterior mount
- Signs to be secured with tamper proof components
- 18 gauge steel doors, stainless steel hospital style door frame stop, brush type door sweep
- All doors to be painted with one-coat of oil base primer, two coats of alkyd-oil base enamel
- Stainless steel coat hooks, one per door
- Heavy duty ADA lock set, stainless steel, dead bolt keyed entry, all locks keyed alike
- Concrete exterior finish to be simulated barn wood, stucco or river rock, integrally colored, and continuous on all four sides of building including corners.
- Interior walls, 100% acrylic water base commercial grade paint, two coats white in color
- Roof to be simulated shake shale, grand rib metal roof or equal
- Windows to be 1/4" thick translucent Lexan
- Vandal proof toilet paper dispensers
- Stainless steel sanitary napkin holders, one per toilet, women unit
- Electrical package- One light in each unit, one light in chase area, one GFI receptacle in chase area
- Floor drains, as required per unit

Optional equipment for flush toilet units to be included in bid

- Solar Package, designed per each unit
- Exterior Water Fountain
- Fixtures- Stainless steel fixtures
- Vitreous china urinals
- Electric Hand Dryers
- Paper towel dispensers
- Electric flush valves
- Electric lavatory faucets
- Coin operated shower controls
- Tile floor in rest room
- Magnetic door looks
- 10 year Sealer
- Skylight package

- Marine Grade Skylight
- Toilet seat cover dispenser
- Touch up paint kit for two tone paint
- Touch up paint for single paint

Note: all listed concrete vault and flush toilets shall meet the specifications in section 11.0 Specifications.

2.0 CONTENTS:

If any provision or specification in this “Request for Bids and Resulting Contract” (RFC) is ambiguous or is disputed by a bidder, the bidder must notify the County Contracts and Procurement Division prior to the opening of the bids. No dispute or protest concerning the ambiguity of these specifications or provisions of this RFC shall be accepted following opening of the bids.

3.0 QUESTIONS:

Questions shall be submitted through SciQuest – Utah Public Procurement Portal.

(<https://solutions.sciquest.com/apps/Router/SupplierLogin?Custorg=StateOfUtah>) Questions are due prior to the question date and time specified. If a question/answer changes the RFC document, the change will be released in an addendum. Do NOT contact the Agency, Division, Department, or other County officers or employees.

4.0 CONTRACT TERM:

The contract resulting from this solicitation will become effective on the date of execution with a five (5) year term. The County reserves the right to review the contract(s) on a regular basis regarding performance and cost analysis and may negotiate price and service elements during the term of the contract.

5.0 ANNUAL PURCHASES:

No minimum or maximum quantity or purchases under this contract can be specified. For information purposes only and not as a guarantee of usage by the County, the approximate annual buildings purchased is two.

6.0 DELIVERY:

The bid pricing being offered must include delivery charges and be shipped FOB Destination, Freight PrePaid. The product needs to be delivered to various sites within Salt Lake County at our request, within fourteen (14) days of notification. All delivery charges to the various locations must be included in the cubic yard price submitted on the pricing schedule.

7.0 AWARD:

Salt Lake County may award bids and contracts to vendors through a preference system. Please refer to the preference attachment.

Salt Lake County may reject any or all bids if it is deemed to be in the best interest of the County.

The County reserves the right to do a multiple award by awarding multiple contracts to the responsive, responsible bidders meeting specifications who bid the lowest overall cost to the County. Purchases will be made based upon agency criteria such as price quotes, availability, location, etc.

8.0 PRICING:

County will determine the low bidder based upon price(s) bid on the attached bid schedule. The price to be paid by County upon each order placed under the contract(s) will be the price that the successful bidder submitted for that item.

9.0 PRICE ESCALATION / DE-ESCALATION:

Prices stated must be firm for the initial two (2) year term of the resulting contract(s). The contractor may issue a written request for price escalation. Price escalation shall not exceed 3.0% from the previous contract period. Price escalation requests are to be submitted to Salt Lake County Contracts and Procurement at least 45 days prior to the expiration of the contract. The request must include detailed documentation explaining and supporting the price change request. Price decreases shall be passed on to the County immediately.

10.0 ORDER PLACEMENT:

All orders will be placed on an as needed basis. Orders to be coordinated with the project manager for each purchase.

11.0 SPECIFICATIONS

Specifications all listed concrete vault toilets and flush toilets shall meet the following specifications:

SPECIFICATIONS:

A. Quality Assurance:

- a. ASTM C33 Concrete Aggregates
- b. ASTM C39 Method of Test for Compressive Strength of Cylindrical Concrete Specimens
- c. ASTM C94 Standard Specification for Ready-Mixed Concrete
- d. ASTM C143 Method of Test for Slump of Concrete
- e. ASTM C150 Standard Specification for Portland Cement
- f. ASTM A185 Standard Specification for Steel Welded Wire Reinforcement, Plain, or Concrete
- g. ASTM C192 Method of Making and Curing Test Specimens in the Laboratory
- h. ASTM C231 Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
- i. ASTM C309 Standard Specifications for Liquid Membrane-Forming Compounds for Curing Concrete
- j. ASTM C494 Standard Specification for Chemical Admixtures for Concrete
- k. ASTM A615 Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement
- l. ASTM C618 Standard Specification for Coal Fly Ash and Raw or Claimed Natural Pozzolan for Use in Concrete
- m. ASTM C979 Standard Specification for Pigments for Integrally Colored Concrete
- n. ACI 211.1 Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete
- o. ACI 306 Cold Weather Concreting

DESIGN CRITERIA

- A. Roof Snow Load

- a. Designed to withstand a 250 pounds per square foot snow load
- B. Floor Load
 - a. Designed to withstand 400 pounds per square foot floor load ACI 318 Building Code
- C. Wind Load
 - a. Withstand the effects of 150 mile per hour (3-second gust) wind exposure C
- D. Earthquake
 - a. Withstand the effects of a seismic group 1 seismic design category E earthquake.
- E. Additional Design Standards
 - a. Designed to meet the requirements of the American with Disabilities Act Requirements and Uniform Federal Accessibility Standards as of the date of these specifications.
 - b. Concrete roof design with a minimum 3/12 roof pitch.
 - c. Have a minimum 4 inch wall, 4 ½ inch roof, and 5 inch floor thickness.

MATERIALS

- A. Concrete – General: the concrete mix design will be designed to ACI 211.1 to produce concrete of good workability.
 - a. Concrete will contain a minimum of 675 pounds of cementitious material per yard. Cement will be a low alkali type I/II or III conforming to ASTM C-150
 - b. Coarse aggregates used in the concrete mix design will conform to ASTM C33 with the designated size of coarse aggregate #67.
 - c. Minimum water/cement ratio will not exceed .45.
 - d. Air-entraining admixtures will conform to ASTM C260. Water reducing admixtures will conform to ASTM C494, Type A.
 - e. If Self Compacting Concrete (SCC) is used, it must conform to ASTM C1611
- B. Colored Concrete
 - a. Color additives will conform to ASTM C979.
 - b. The following will contain colored concrete:
 - i. Toilet building roof panels
 - ii. Building walls

- iii. The same brand and type of color additive to be used throughout the manufacturing process.

C. Concrete Reinforcement

- a. All reinforcing steel will conform to ASTM A615. All welded wire fabric will conform to ASTM A185.
- b. All reinforcement will be new, free of dirt, oil, paint, grease, loose mill scale and loose or thick rust when placed.
- c. Details not shown of drawings or specified will be to ACI318.
- d. Steel reinforcement will be centered in the cross-sectional area of the walls and will have at least 1 1/4" of cover on the under surface of the floor.
- e. The maximum allowable variation for center-center spacing of reinforcing steel will be 1/2".
- f. Full lengths of reinforcing steel will be used when possible. When splices are necessary on long runs, splices will be alternated from opposite sides of the components for adjacent steel bars. Lap bars #4 or smaller a minimum of 12". Lap bars larger than #4 a minimum of 24 bar diameters.

D. Paint

- a. All paints and materials will conform to all Federal specifications or be similar "top-of-the-line-components". Paints will not contain more than .06 percent by weight of lead.
- b. Type of paints for toilets
 - i. Inside concrete surfaces I Interior floors will be a chemical resistant urethane. The color will be gray. II Interior walls and ceilings will be a modified acrylic, water repellent penetrating stain. The color will be white followed by a clear acrylic anti-graffiti sealer.
 - ii. Metal surfaces both inside and out I DTM ALKYD
 - iii. Exterior concrete surfaces I Exterior slab will be clear sealer II Exterior walls and roof will be a water repellent penetrating stain in the same color as the walls or roof followed by a clear acrylic anti-graffiti sealer.

E. Grab bars

- a. Grab bars will be 18-gauge, type 304 stainless steel with 1-1/2" clearance. Grab bars will each be able to withstand 300 pound top loading

F. Toilet Paper Dispenser

- a. Dispenser constructed of 1/4" thick, type 304 stainless steel. Dispenser will be capable of holding three (3) standard rolls of toilet paper.

G. Door Hinges

- a. Door hinges will be 3 per door with dull chrome plating 4-1/2"x4-1/2", adjustable tension, automatic-closing for each door able to withstand 300 pound top loading.

H. Wall Vent

- a. Wall vent will be crank operated allowing the unit to be opened or closed. Crank will be removable. Vent cover will be 14-gauge 304 stainless steel painted with DTM and anchored into the concrete wall with high strength anti-rust tap con fasteners. Vent to come with insect screen. Cover to be recessed a minimum 3/4" on exterior walls with a 45 degree bevel. Interior to be flush mounted. Wall vent will not protrude from the wall.

I. Signs

- a. Signs to have raised pictograms, letters and Braille to meet ADA.
- b. All signs inset a minimum of 3/4" into wall with 45 degree bevel
- c. All signs to be anchored into concrete with 1/4" x 3/4" concrete anchor nails. to be flush mounted.

J. Windows

- a. Window frames will be constructed from steel.
- b. Window glazing will be 1/4" thick translucent pebble finished Lexan.
- c. Windows to have 3/4" recess with 45 degree bevel.
- d. Window frames to have vandal resistant fasteners.

K. Plumbing

- a. All fixtures to meet ANSI A112.19.2
- b. Waste and vent material will be ABS or PVC plastic and will be plumbed to meet Uniform Building Codes.
- c. Water material will be copper tubing Type L, hard drawn. A gate valve will be provided at the inlet end of the water line. All water lines will be of a size to provide proper flushing action based on a nominal water pressure of 40 psi.
- d. All plumbing will be concealed in the service area.
- e. Hose bib available in the chase area.

- f. A main shut-off valve and drain will be provided with plumbing.

L. Toilet & Sink

- a. Toilet will be constructed of vitreous china, wall hung, with siphon jet action. Toilet will have a back spud for a concealed flush valve connection and will be mounted with the top of the seat 18 inches above the finished floor. Seat will be heavy duty solid plastic with an open front. Optional stainless steel fixtures available.
- b. Flush valve will be concealed closet flush-o-meter constructed of rough brass. Furnish valve with integral vacuum breaker and wall mounted push button. Valve will be of a water saver type with a flow of 1.6 gallons per flush.
- c. Lavatory will be vitreous china with back splash guard, front overflow opening, equipped with brass trap and drain pipe without stopper. Sink will be 20 inches wide x 18 inches front to back x 5 ¾ inches deep with ADA trap cover.
- d. Water valve will be self-closing water set with indexed push button
- e. (1) 80 gallon high recovery water heater.

M. Electrical

- a. All components to be UL listed
- b. All electrical wiring will be in conduit, surface mounted in the service area and concealed in the user compartments. All wire will be copper.
- c. A 200-amp breaker panel will be provided in the chase area.
- d. Interior lights will be wall mounted vandal resistant 2 bulb T8 4-foot wrap around lens fixtures with low temperature ballast wet labeled or equal.
- e. Lighting on the exterior of building will be photocell activated; interior will be motion activated, chase switch activated.
- f. 4 exterior 35-watt High Pressure Sodium lights, vandal resistant.
- g. 1 GFI outlets located next to each sink.
- h. 2 restroom exhaust fans with 270 CFM.
- i. The optional hand dryer will be an air compression type with remote motor unit. Push button switch located in cast nozzle

N. Shower Benches

- a. Shower benches to be heavy duty 304 satin finish stainless steel with phenolic slats.

O. WARRANTY

- a. Twenty year warranty on all concrete and a one year on all non-concrete components

12.0 NON-EXCLUSIVE CONTRACT:

The contract to be awarded shall be non-exclusive. Salt Lake County reserves the right to purchase at its discretion, any product or service covered by the resulting contract from other sources during the term of the contract.

13.0 TERMS AND CONDITIONS

The awarded vendor(s) agrees that if awarded a contract under this solicitation, Salt Lake County's Terms and Conditions, attached hereto and incorporated by reference, will apply.

Prerequisites

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Buyer Attachments

1. [General Requirements.pdf](#)
2. [Bid Pricing & Specs..pdf](#)
3. [Contract Signature Page](#)
4. [RFP 1.8.C Attachment C RFP Preference System 01.11.24.pdf](#)
5. [Environmental Compliance](#)
6. [2022 Terms and Conditions RFC & PO \(updated\).pdf](#)

Group 1:

Instructions:

- 1.1 The signature page for both the bid and contract has been uploaded in the Vendor Attachment Area ★
- 1.2 Supplier/Vendor Management: Awarded Bidder will be sent an invitation from our supplier management portal, Payment Works, to input their company information and get set up as a Vendor with Salt Lake County.
- 1.3 Is the Bidder registered with the Utah Department of Commerce to do business in the State of Utah? ★
- 1.4 Bidder requests preference(s) per the Preference System attachment. Bidder must prepare and attach the preference form. ★
- 1.5 Bidder agrees to comply with the County's environmental compliance statement and non-debarment certification. ★
- 1.6 Bidder will meet the insurance requirements per the insurance document in the Buyers Attachment area. ★
- 1.7 Specification Attachment:
There is a "Specifications Requirement" document under the Buyer Attachments area. Please fill out completely and attach as part of your bid submission under the Supplier Attachments area. Bidder has attached the specification requirement. ★
- 1.8 Declared Emergency: This contract may be used during a declared emergency. Please provide a 24 X 7 contact name and phone number. ★
- 1.9 Partial Bid Not Allowed:
Bidder understands that submission of a partial listing of items on the bid schedule may result in your bid being deemed non-responsive. ★
- 1.10 Price Escalation Maximum:
Prices stated must be firm for the initial two (2) year term of the resulting contract(s). The contractor may issue a written request for price escalation. Price escalation shall not exceed 3.0% from the previous contract period. Price escalation requests are to be submitted to Salt Lake County Contracts and Procurement at least 45 days prior to the expiration of the contract. The request must include detailed documentation explaining and supporting the price change request. Price decreases shall be passed on to the County immediately. ★
- 1.11 Price De-Escalation:
Bidder agrees the County will be given the immediate benefit of any decrease in the market, or allowable discount. ★
- 1.12 Warranty:
Bidder understands the price bid must include a warranty that covers all parts and labor for a period of at least one (1) year. Refer to T&C #8. Respond with any additional warranty months Bidder offers. ★
- 1.13 Auditing:
The Bidder agrees, at no additional cost, to make available to Salt Lake County all records, published price lists and invoices relative to this contract. Information to assist Salt Lake County personnel in performing periodic audits and price checks will be provided during regular business hours. ★

Product Line Items

★ Product Line Items

1

#	Item Name, Commodity Code, Description	Allow Alternates	Qty.	UOM	Requested Delivery
P1	Pricing from the Pricing Page Please enter the Grand Total from the Pricing Schedule here.	★	1	EA - Each	

Service Line Items

★ Service Line Items

There are no Items added to this event.