



LAKE HAVASU CITY, ARIZONA
ADMINISTRATIVE SERVICES DEPARTMENT
◆ PROCUREMENT ◆

**INVITATION TO BID
REPLACEMENT OF MONITORING WELL NP12 AND REHABILITATION
OF VADOSE WELLS 1, 5, AND 6
B25-PW-500576
ADDENDUM NO. 3
OCTOBER 18, 2024**

Attention is called to the following changes, additions, clarifications and/or deletions to the original solicitation and they shall be considered in preparing submissions:

CHANGE IN THE OPENING DATE: *NEW BID OPENING DATE IS NOVEMBER 20, 2024.* There is no change in the opening time. **Submissions are due no later than 3:00 p.m., Arizona Time**, at the City Clerk's Office, 2330 McCulloch Blvd. N., Lake Havasu City, AZ 86403 or electronically via the City's DemandStar Network at <https://www.demandstar.com/app/buyers/bids/471456/details> .

If your bid is already in transit, the City Clerk's Office will hold it for opening on the New Bid Opening Date unless we are notified otherwise. If your bid has already been electronically submitted via DemandStar, you do have access to make changes prior to the time of the opening. Bidder may then email a Receipt Confirmation to Purchasing@lhcaz.gov which will be placed with your bid package.

ITEM ONE (1): CHANGE OF BID DUE DATE

The due date for this bid shall now be November 20, 2024 at 3:00 PM local Arizona Time.

ITEM TWO (2): ADDITION OF SCOPE

Phase 2 Scope will be added to include rehabilitation and cleaning of Vadose Wells 1,5, and 6 at the NRTP site, with the replacement of monitoring well NP12 being Phase 1. Details of this scope addition and technical specifications have been provided in Attachment A to this Addendum. A map with locations of the three Vadose Wells has been provided as Attachment B to this Addendum.

ITEM THREE (3): REVISION OF BID SCHEDULE

To accommodate the scope additions from Item Two, a revised bid schedule has been provided (Attachment C). ***Please note that the City reserves the right to award each project phase separately if it is in its best interests.***

ITEM FOUR (4): RENAMING OF PROJECT

This Invitation To Bid shall be renamed to *Replacement of Monitoring Well NP12 and Rehabilitation of Vadose Wells 1, 5, and 6* to reflect the additional scope in Item Two.

ITEM FIVE (5): PRE-BID CONFERENCE

To allow potential contractors the opportunity to ask questions regarding the additions to the scope and technical specifications, a pre-bid conference will be held at **North Regional Treatment Plant, 7001 Whelan Drive, Lake Havasu City, AZ 86404** on **November 6, 2024** at **10:00 AM** local Arizona Time. For directions, contact Keith Lueken at (928) 855-3999.

ITEM SIX (6): PROJECT TIME

Each phase of the project shall have a separate **14 CALENDAR DAY** time for completion. Phase 1 (Replacement of Monitoring Well NP12) must commence within 3 calendar days of receipt of a Notice to Proceed (NTP).

Andrew Klos, CPPB
Senior Procurement Specialist

ATTACHMENT A – REVISED SCOPE AND SPECIFICATIONS
REPLACEMENT OF MONITORING WELL NP12 AND REHABILITATION OF VADOSE WELLS
1, 5, AND 6
B25-PW-500576

PHASE 1: NP12 Scope/Description

This project consists of drilling a monitoring well to an approximate depth of 475 feet to replace existing monitoring well NP12 at the North Regional WWTP. Installation of the new well will be adjacent (Within a 50 foot radius) to the location of the existing well (see map 1).

PHASE 1: NP12 Specifications

A new monitoring well is to be drilled within 50 feet radius of existing well. The well should be drilled to an approximate depth of 475 or to whatever depth provides sufficient immersion within the water table. Six inch diameter low carbon steel well casing should be inserted into the well during drilling and the casing bottom should be plugged (a low carbon steel flat faced cap should be sufficient although a bull nosed cap would be preferable if available). A minimum of a 20 foot length of slotted well casing should be used below the water table boundary. This may be accomplished by either using pre-slotted casing or by perforating blank casing below the water table after installation of the casing is completed. Once installation of all the steel casing has been completed, a concrete surface casing will be required to be installed to stabilize the drill hole at the surface and to hold the well cover.

PHASE 1: NP12 Project Time

Phase 1 will have **14 CALENDAR DAYS** for completion.

PHASE 2: Vadose Well Rehab (Wells 1, 5, & 6) Scope/Description

Cleaning and rehabilitating existing Vadose Wells 1, 5, and 6 to include removal of well head and piping, brushing of scale from the inner surface of the pipe, lifting/removal of the resulting scale debris from the pipe, video survey of pipe after cleaning, and reinstallation of the well head and piping. (See map 2 for locations)

PHASE 2: Vadose Well Rehab Specifications

Using a brush, or other similar swabbing mechanism, remove scale and other buildup from the walls of the existing well casing. The existing well head and piping will need to be removed to allow access to the well casing for cleaning and be replaced once the cleaning is completed. The dislodged scale and buildup will need to be removed from each well utilizing an airlift or other suitable mechanism or process. Video surveillance will be required to determine completeness of the operation at each well location. Disinfection of the piping is required before installing the well head.

PHASE 2: Vadose Well Project Time

Phase 2 will have **14 CALENDAR DAYS** for completion.



ATTACHMENT B – LOCATION OF VADOSE WELLS

ADDENDUM 3 – ATTACHMENT C

SECTION 00310

BID SCHEDULE
LAKE HAVASU CITY

Replacement of Monitoring Well NP12 and Rehabilitation of Vadose Wells 1, 5, & 6
B25-PW-500576

Lake Havasu City Council
Lake Havasu City
2330 N. McCulloch Boulevard
Lake Havasu City, AZ 86403

The City Council:

Pursuant to request for bids to be opened the 20th day of November 2024 at 3:00 P.M., Arizona Time, at Room 109 of Lake Havasu City Hall, for the above project, the Contractor proposes to complete work, including furnishing all labor and materials, per the Specifications and Plans at the Following prices.

This Schedule of Items and Prices shall be completed in ink or typed by the Bidding Contractor. In case of discrepancy between the word and figure amount description, the word description shall control extensions.

Prices must be entered for each item and the appropriate subtotal and total blank shall be filled out. Bid prices shall include sales tax and all other applicable taxes and fees.

Bidder agrees to perform all the necessary work to complete the **Replacement of Monitoring Well NP12 and Rehabilitation of Vadose Wells 1, 5, and 6, B25-PW-500576.**

ADDENDUM 3 – ATTACHMENT C

SECTION 00310

BID SCHEDULE – Replacement of Monitoring Well NP12 and Rehabilitation of Vadose Wells 1, 5, & 6, B25-PW-500576

ITEM NO.	DESCRIPTION	EST QTY	UNIT OF MEASURE	UNIT PRICE (Word)	UNIT PRICE (Figure)	ITEM TOTAL COSTS
BASE BID FOR NP 12 REPLACEMENT (PHASE 1)						
1	Mobilization/Demobilization	1	L.S.		\$	\$
2	Blank 6" diameter low carbon steel casing	420	FT.		\$	\$
3	Louvered or perforated 6" diameter low carbon steel casing	80	FT.		\$	\$
4	6" diameter low carbon steel end cap	1	EA.		\$	\$
5	Drilling services	500	FT.		\$	\$
6	Required drill bit(s)	1	L.S.		\$	\$
7	Supply and set concrete surface casing (to 20 ft depth)	1	L.S.		\$	\$
8	Silica Sand	50	CY.		\$	\$
9	Drilling Fluids	1	L.S.		\$	\$

ADDENDUM 3 – ATTACHMENT C

SECTION 00310

10	Swabbing and airlift development	10	EA.	_____	\$	\$
11	Estimated Pumping equipment supplied and installed incl. Items purchased for project and installation	1	L.S.	_____	\$	\$
13	Disposal of drilling spoils	1	L.S.	_____	\$	\$
14	Force Account	1	L.S.	Ten thousand and 00/100 dollars	\$ 10,000	\$ 10,000
PHASE 1 NP 12 BID TOTAL + FORCE ACCOUNT				_____	\$	\$
BASE BID FOR VADOSE WELL REHAB (PHASE 2)				_____		
15	Mobilization/Demobilization (per well)	3	L.S.	_____	\$	\$
16	Equipment to pull and reset existing pumps	3	L.S.	_____	\$	\$
17	Labor to pull and reset existing pumps	3	L.S.	_____	\$	\$
18	Swabbing and air lift development (3 wells-estimated time)	30	HR	_____	\$	\$

ADDENDUM 3 – ATTACHMENT C

SECTION 00310

19	Labor and Equipment Contingency (per well)	3	L.S.	_____	\$	\$
20	Disposal of scale and debris removed from well.	3	L.S.	_____	\$	\$
21	Force Account	1	L.S.	Ten thousand and 00/100 dollars	\$ 10,000	\$ 10,000
PHASE 2 VADOSE BID TOTAL + FORCE ACCOUNT				_____	\$	\$
COMPLETE PHASE 1 AND PHASE 2 BID TOTAL + FORCE ACCOUNTS				_____	\$	\$

Above line items and totals shall include all work shown on the plans and specified herein, including taxes, insurance and bonding.

¹ The "Unit Price" column shall indicate unit or lump sum prices for each bid item and shall be indicated in written and numerical form.

² The "Item Total Costs" column shall indicate the extension of the unit prices, which is obtained by multiplying the "Estimated Quantity" column by the "Unit Price" column.

³ The "Bid Total" amount shall be the sum of all costs listed in the "Item Total Costs" column.

The unit prices for **Replacement of Monitoring Well NP12 AND Rehabilitation of Vadose Wells 1, 5, & 6, B25-PW-500576**, shall include all labor, materials, water disposal, bailing, shoring, removal, disposal, overhead, profit, insurance, and all other related costs and work to cover the finished work of the several kinds called for. Changes in the Contract shall be processed in accordance with Paragraph 16 of the General Conditions.

Bidder understands that the Owner reserves the right to reject any or all Bids, or portions thereof, and to waive any informalities in the bidding. **Owner also reserves the right to award each Phase separately if it is in its best interests.**

The Bidder agrees that this Bid shall be good and may not be withdrawn for a period of ninety (90) calendar days after the scheduled closing time for receiving Bids.

Upon receipt of written notice of the acceptance of this Bid, Bidder shall execute the formal Contract attached within 10 days and deliver a Performance Bond, Payment Bond, and Certificates of Insurance as required by Paragraph 25 of the General Conditions and the Special Provisions.

The Bid security attached in the sum of \$_____ is to become the property of the Owner in the event the Contract and Bond(s) are not executed and provided within the time above set forth, as liquidated damages for the delay and additional expense to the Owner caused thereby.

Bidder hereby acknowledges receipt of the following Addenda: ____, ____, ____.

RESPECTFULLY SUBMITTED BY:

BY: _____

TITLE: _____

FIRM: _____

ADDRESS: _____

PHONE: _____ FAX _____

EMAIL: _____

Seal - if Bid by a corporation

AZ Contractor's License No: _____ Type _____

**** END OF SECTION ****