

Questions & Answers

Colorado City – No.25 & No.26 Raw Water Well Drilling

JDE Project No: 2212-055

QUESTION	ANSWER
How will questions be submitted?	Per Document 00 21 13, Instructions to Bidder for construction Contract, Article 7, sub article 2A, Submit all questions concerning the design, bid, and contract documents to Riley Vane at riley.v@jonesanddemille.com . All other coordination with adjacent landowners is at the bidder's discretion.
When is the estimated project completion date?	6/1/2024. Per Article 4 in Document 00 52 13.11 Agreement Between Owner And Contractor For Construction Contract, contract time is 50 days from the Notice to proceed (substantial completion).
Will the contractor be required to have licensing?	Arizona license is required per bidder qualifications. Review bid documents for additional qualifications. See addendum no. 1.
Are there American Iron and Steel (AIS) requirements and/or Build American Buy America (BABA)?	Domestic products, materials and manufactured products are preferred. (00 73 31, Article L)
Are there contacts for adjacent land owners for potential construction easement coordination?	United Effort Plan (for land adjacent to the south of Well 26): John R. Barlow 801-824-4232 john@ueptrust.com
Is this a source for construction water?	Yes. Colorado City water sources are available. The contractor is responsible for renting the meter and safely delivering water from hydrant meter to place of use, including using a functioning backflow preventer.
Will a water meter be required for construction water?	Yes. Colorado City will provide the hydrant meter with contractor's coordination and payment of fees.
How wide is the pavement section? How deep is the paving section? How is pavement to be paid?	Will be determined by subsurface conditions and acceptance of Colorado City public works. An expected minimum of 8' is shown. Per APWA Plan 255, match existing pavement thickness, no less than 4". Per 00 41 11 Article 3, pavement will be paid by square yard.
Is there a DBE component of the contract?	Per 00 45 39.16, DBE certification or solicitation of good faith effort is required.

Is this contract strictly lowest qualified bid?	Yes, however, in event of a tied bid, both in minimum qualifications and fees, Mohave county has indicated preferential treatment for local contractors. Likewise, any winning is bid is encouraged to procure local sub-contractors and labor.
Is Davis Bacon certified payroll required?	Per 00 73 31, Davis Bacon is not required.
Are there limitations of sub-contracting?	Per 00 73 11, Article SC-7.07.O. the contractor shall not award work at more than fifty percent of the contract price to subcontractors. Without prior written approval of the Owner and Engineer.
Will the contractor be required to handle permitting?	Colorado City will permit the project through ADEQ via the Approval To Construct (ATC) application. The contractor will be responsible for all other permitting, including encroachment permits (which are \$200 as of this date) with Colorado City and AZDEPS general construction permitting.
Is the contractor responsible for construction quality control?	Yes. The contractor will provide quality control materials testing. Colorado City will provide quality assurance.
Is the contractor responsible for staking?	No. Colorado City will provide construction staking.
Are existing utilities known?	All known existing utilities are mapped on the plans. Contractor will be required to submit blues stakes requests.
What testing procedures must be followed for the pipeline?	All potable waterline (including this raw water line) will need to be disinfected and pressure tested. Bac-T tests will also be required. Refer to ADEQ Engineering bulletins 8 and 10 for all construction and testing standards.
Will the bacteriological testing need to be performed in an Arizona certified lab as opposed to a Utah?	An Arizona certified lab familiar ADEQ reporting will be required.
Will Colorado City supply any materials?	No materials (including road base) will be available.
Does Colorado City have construction standards	ADEQ specifications will apply to all water works construction and testing. Colorado City public works has adopted Utah APWA standards and specifications for all other construction and testing.
Will a traffic control plan be required?	Per 00 41 11, a traffic control plan is included as bid item 1-2.
Is there available and designated staging areas?	The Colorado City lot on which the treatment plant is located will have shared use for the drilling and pipeline contractors. Access will need to be maintained throughout construction.
Is there a water discharge plan?	ADEQ will require the contractor to submit and follow the AZPDES for discharge compliance, which includes a SWPPP and BMP. However, discharging onto private or federal land (land not owned by Colorado City) will still need to be coordinated with the applicable landowner.

Will 24-hour construction be allowed?	24-hour construction or any hours other than standard business hours may be allowed for critical connections. However, any deviation from standard business hours will need to be coordinated with and permitted by Colorado City.
Where is the division of work between this drilling contract and the pipeline and equipping contract?	The drilling contractor will be responsible for leaving the cap well casing place. Under this contract, the pipeline and equipping contractor will be responsible for furnishing and setting final well pump and equipment. The pipeline and equipping contractor is encouraged to work with drilling contractor for setting the pumps under this contract.
Substantial Completion? Can this be adjusted to eliminate paving and the new well connections?	Substantial completion will be defined as 100% completion of schedule 1A. See addendum no. 1.
What are the liquidated damages?	Per 00 52 13.11, liquidated damages are \$1,000 per day prior to substantial completion, and \$750 per day for completion after substantial completion.
What is the maximum down time for each existing well.	Down time will be no more than 1 day per well.
Is there existing electrical service at the well sites?	Plan on new services for both sites. See appropriate options on electrical plans.
Will Colorado City pay the impact fee for any new electrical service?	Colorado City will issue payment for the impact fee. The contractor will notify Colorado City of applicable timelines.
Can the asphalt patch be placed at one time, or will each portion be paved as it is brought online?	Asphalt may be delayed until the entire length of the trench is ready for pavement. In the interim, road base must be brought up to finished ground and stormwater BMPs must stay in place.
Is there secondary access to the treatment plant lot?	Yes. One access must be available to Colorado City staff and the drilling contractor throughout construction.
Will a secondary mobilization be included to accommodate the drilling schedule?	See addendum no. 1 and division of schedules.
Are the pump setting subject to some variability?	This is not expected due to the extensive documentation of the subject aquifers.
Will the awarded driller be available for setting the final well as a sub-contractor to this contract? When will the driller be selected?	The drilling contractor may be used for final pump setting and final equipping. Bid opening for the drilling contract is scheduled for February 23. Notice of award will follow within 7-14 days.
Have the existing utilities been potholed? Are water loops planned?	Colorado City has mapped out the depths of all water and sewer to avoid conflicts. Per 00 41 11, a line item is requested for a waterline loop.
What is the bury depth of the new waterline?	Per sheets C101-C103, 5' bury depth is specified to avoid conflicts.

What is he controlling specifications for water and wastewater separation distances?	Utah DDW Rules and APWA Standards indicate water mains shall not be placed within 10' horizontal, below 2' vertical above the top of a sewer main unless extra protection is provided. Extra protection may be MJ ductile iron pipe or gasketed PVC with joint restraints. Alternative extra protections are described in the code.
Can construction begin earlier?	Construction may begin as soon as local and state permitting is obtained.
If the contractor is licensed in Arizona, however, the main office is in Hurricane Utah. They do not currently have a commercial office in Arizona. Will this be acceptable for this qualification?	See addendum no. 1 for headquartering removal. Arizona licensing will be sufficient.
How thick should we plan for on the asphalt patch? How thick is the road base layer required to be?	See similar response above.
Are the qualification forms required to be submitted with the bid or 7 days after the bid by the bidder that is selected?	Submit qualifications within 7 days of Owner's request, as notified (request may occur after bid opening).
Can the bid schedule and documents be filled out digitally, printed and then signed or do you require all input to be handwritten?	Digitally printed submissions are acceptable.
Is there a road base required under the concrete replacement? If so, how thick?	Match all base sections under concrete. In no case will base be less than 4".
Do we need to plan to replace the road base surface in the Treatment yard where it is disturbed by utility installation? If so, how thick does it need to be?	Per 01 50 00 1.12, restore existing and permanent facilities used during construction.
For the Maintenance Vaults- Can we plan to only provide a concrete collar in the asphalt layer for the manhole access lids or do we need to plan to provide a concrete apron over the whole top of the vault?	Per Colorado City adopted APWA details, a valve collar 12" wide will be required.
On sheet C-201 there is a note for a 3" power conduit and 1-1/2" SCADA conduit. Is the 1.5" SCADA only going from the well head to the Strut Mounted Pump Control Panel adjacent to the well head or is it to go all the way to the electrical meter with the 3" conduit? If it goes to the meter- is it just for an empty conduit or what wire type needs to be in it and where will it be terminated?	The SCADA conduit will go from the well head to the strut mounted panel as well as from the panel into the treatment building to the south. There is a SCADA control room in that building which the new well controls will connect to. The 3" conduit will travel from the transformer to the strut mounted panel and from the panel to the well head.
On C-202 it shows a 3" and a 1.5" conduit from the Strut Mounted Pump Control to the Well Head-I want to verify that we only need the 1.5" conduit going to the well head	1.5" conduit from well head to strut mounted control panel only. 3" conduit from transformer to strut mounted panel and from panel to well head.

and the 3" from the power source to the Strut Mounted Pump Control-Correct?	
C-201/C-202 do not specify the distance from the well head for the Strut Mounted Pump Control Panel-How far from the wellhead should we plan for that?	The panel locations are flexible and depend on where power will be pulled from (See similar question above concerning service). Placement will be no more than 40' from the well head to the panel.
Are all gate valves covered in the gate valve bid item?	Yes. Per 01 22 19, no valves are included in the single and two-line connection items. See addendum no. 1 for updated quantities.
Are all pipe footages covered in the pipe bid items for the single and two-line connections?	Additional pipe length will need to be accounted for each connection.
Is the connection between Stations 29+00 and 30+00 considered a single line connection?	Yes
Are there any Buy America or AIS specifications for this project?	See similar questions above.