



Questions and Answers No. 1

Date: 2/27/2026

For the construction of: Moore WWTP Improvement Projects

Owner: City of Moore

Owner Project No: 2026-007

Garver Project Nos: 2302254, 2500545, 2501328

To all plan holders and/or prospective bidders:

Question No.	Specification Section	Drawing/Detail Number	Question	Response	Addendum Information
1		10-S102	Headworks building note 1, states the Aluminum covers will be provided by others, but there is also reference to the contractor modifying them. Who is providing and installing the covers.	Openings shall be coordinated between the contractor and cover manufacturer. Field modifications to the covers should be limited only to what is recommended and approved by the cover manufacturer. This will be addressed in an addendum.	Addendum 2
2			Under what specification are the skylights detailed for the Headworks?	Specification 08 62 00 Unit Skylights will be added via addendum.	Addendum 2
3		50-X101	Digester Plan Sheet, note 1, can this note be quantified for bidding purposes?	Approximately 300 SF of concrete surface repair. This will be addressed in an addendum.	Addendum 2
4	Bid Form		item 5 and 6, can a detail be shown as to what the repair will entail?	Truss repairs would include replacing any bolts or sections of members that are corroded beyond typical surface corrosion that could be removed before recoating.	
5	Bid Form		can a detail be shown as to the size of each embed?	Embeds for walkways are detailed on sheet S-12 of record drawings for digester building.	
6			Can one side of the headworks facility maintain the daily flow of the plant?	One side (bar screen and grit tank) in the Headworks Facility can maintain the daily flow.	
7			Confirm the handrail at the digester is new, are the stairs also new?	Stairs are existing and to remain. Railing around perimeter of digesters is new.	
8		70-X101	UV/Effluent Building, note 2 calls to replace the Hoist, can a spec be provided?	Specification 41 22 23.20 Monorail with Electric Hoist and Trolley will be added. This will be addressed in an addendum.	Addendum 2
9		70-M101	70-M101 calls for Al. Plating to replace the existing grating, it references detail D05/5000-901 which shows a flush plate connection. Are the plans requiring the contractor to remove the existing embed and replace? The existing embeds will be deeper	Existing embeds do not need to be replaced. Plating should span across embeds and be screwed into existing concrete.	



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			and not provide a flush floor unless we overlap the embeds and attach to the concrete floor outside the embeds.		
10			Can a bid quantity be provided for cleaning the storm ponds?	This will be addressed in an addendum.	Addendum 2
11			<p>Bypass Questions</p> <p>a. What size is the flange coming off that tee for the suction point?</p> <p>b. What is the FM pressure requirement, or the current pump design parameters?</p>	<p>The existing discharge header is a 30" header and shall be used for the discharge of the temporary pumps (not suction). See record drawings for more details.</p> <p>The existing pump parameters are (3) 7,000 GPM pumps @ 55' TDH and (2) 4,000 GPM pumps @ 55' TDH. Historical data indicates an average daily flow of 8 MGD and instantaneous peak influent flows up to 18 MGD.</p>	
12	40 05 57		Specification Section 40 05 57 page 14 and 15, valve actuator schedule, where are these valves located on the drawings? Reference is made to 08-1112 and 08-102 which do not exist.	Section 40 05 57, paragraphs 3.8 A & B (Power and Pneumatic Operated Valve Schedules) will be removed via addendum.	Addendum 2
13			Who is the manufacturer of the existing odor control equipment?	Siemens	
14			On the concrete repair, specifically the shotcrete, did you talk with a contractor about this, I haven't seen this type of repair before. Typically we utilize a trowel on material. If you can pass along a specialty contractor you know of that would help.	See Part 3 - Execution of 03 10 00 for acceptable application methods. Methods outlined are as recommended by manufacturers, which include spraying and hand troweling.	
15			Vendor would like to know if the odor piping can be built to standard ASTM dimensions. There are odd sizes such as 32", 26", etc. that would require specialized construction for which they would not have certified calculation on.	The next larger standard size may be used. Note that at the digester facility, the existing odor control duct where the new duct will connect is 32".	
16			For the 14 MGD bypass, can you please advise the pressure of the forcemain that we will tie into? Also, what size is the tee we are connecting to.	The existing pumps are sized at 55' TDH. The existing discharge header is a 30" header. See record drawings for more details.	
17	07 41 13		Can you provide a list of roof manufacturers?	Any manufacturer with roofing that conforms to specification 07 41 13 would be acceptable.	
18		66-P102 and 66-P301	It appears we are going to build a new slab on grade and then drop the air lines underground and then through the wall of the ponds. It shows us burying two expansion joints on each line. If that is the case, I'm worried it will be a matter of time before those fail and leak and then you have a disaster to fix.	This will be addressed in an addendum.	Addendum 2

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19	074113-3	10-S104	Sheet No. 10-S104 indicates the roof panel type as a standing seam panel 24 GA., while Specification Section 074113-3 specifies a standing seam panel 22 GA. Please confirm the correct roof panel required gauge?.	Existing roof panels are 24 GA and shall be replaced with 22 GA standing seam panels per spec 07 41 13.	Addendum 2
20			The specs indicate that a specific bid bond form may be required, but we cannot locate it. Can one be provided?	Bid requirements are outlined in B. Solicitation for Bids, C. Information for Bidders, and D. Bid Documents	
21			We see multiple project numbers on the front page of the specs. Please confirm that we are to use the project number of 2026-007 that is listed on the front page for the main project number?	The main project number will be 2026-007 as it is the City of Moore's project number.	
22	40 23 39.36		40 23 39.36 mentions welds to be as specified in Chapter V of ASME B31.3 (severe cyclic). a. I believe this requires 100% CWI visual and 100% RT of butt-welds. b. This seems a bit excessive for air piping, please confirm.	This welding section will be deleted via addendum. Refer to specification 40 23 39 for general welding requirements.	Addendum 2
23	40 23 39.36		40 23 39.36 mentions welds to be pickled and passivated inside and out and bead blasted on the OD. a. I want to confirm this due to the cost impact these processes have.	Bead blasting will be removed via addendum and the pickled and passivated requirement will remain.	Addendum 2
24	40 23 39.36		40 23 39.36 mentions all welding to be completed via GTAW a. Typically, we do not utilize GTAW on piping larger than 10". On the rare occasions we do, we do a GTAW root followed by GMAW or FCAW fill passes. b. Please confirm as this will add a good deal of time to our standard rates.	This welding section will be deleted via addendum. Refer to specification 40 23 39 for general welding requirements.	Addendum 2
25	40 23 39.36		40 23 39.36 mentions ASTM A774 fittings conforming to MSS SP-43 a. MSS SP-43 specifically requires fittings to be ASTM A403 (more expensive than A774) b. Which fitting specification are they looking for?	Fittings to meet ASTM A774 requirements. MSS SP-43 language will be removed via addendum.	Addendum 2
26			Does the City of Moore have temporary by-pass standards that should be followed or adhered to?	City does not have temporary by-pass standards.	
27			It was stated that the temporary by-pass could not take place with the roof of the headworks removed due to the proximity of homes and the odors, is there a requirement to have sound abatement for the temporary pumps provided?	Section 01 14 00, paragraph 1.3.E.1 indicates sound pressure level measured at boundary of Site SHALL NOT exceed levels required by local ordinances or codes, and at NO time shall exceed 40 dBA.	

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28			What size is the piping where the discharge of the temporary by-pass is to discharge through?	The existing discharge header is a 30" header. See record drawings for more details.	
29			Where does the temporary by-pass piping discharge to? Are there any pressures to overcome/other flows that discharge into that termination point? Do contractors have access to electric power for the temporary by-pass to utilize electric pumps?	The temporary bypass will discharge to a temporary connection to the existing pump station header, which discharges to the SBR splitter box. The existing pumps are sized at 55' TDH. The existing discharge header is a 30" header. See record drawings for more details. Powering of the bypass pumps shall be provided by the Contractor.	
30			Can the temporary by-pass suction point be the manholes outside of the headworks building?	Bypass suction point will be after screening and grit removal.	Addendum 2
31			Please provide a specification for the hoist called out on plan sheet 70-X301.	See response to Question 8.	
32			Note 1 on sheet 10-S102 states the Aluminum Covers are to be "Provided by Others". Is this stating the procurement of the covers is outside of the scope of this contract?	Procurement of aluminum covers are included in the scope of this project. This will be addressed in an addendum.	Addendum 2
33			No Davis Bacon Wages could be located in Contract Documents. Please provide.	ORF-402 Wage Determinations will be included in Addendum 2	Addendum 2
34			Is Lightning Protection required on the project?	No lightning protection is required.	
35			Do you have a good estimate of the sludge depth in the North Storm Pond (North and South Cells)? We have had a couple Primes reach out for quotes - any other basins or structures needing sludge cleaned out? Specs & Plans do not specifically identify any.	This will be addressed in an addendum.	Addendum 2
36			Can as built drawings be provided for the structures that are going to be rehabilitated including yard piping?	Yes, record drawings will be provided as information only.	Addendum 2
37			Can more information or drawings be provided to show the proposed tie in and routing of bypass pumping for the headworks structure?	See specification 01 14 00	Addendum 2
38			Will any temporary screening or grit or trash removal be required at the point of the temporary bypass pumping stop log?	Bypass suction point will be after screening and grit removal.	



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39			Does the existing odor control system unit outside of the headworks building remain in place? Please advise if there is any work associated with this unit	Yes, this unit remains in place. The only work associated with the odor control system unit outside of the building will be any adjustments needed for airflow balancing.	
40			The quantity of sludge removal in the existing ponds is unknown, can this be changed to a unit price bid item with the final cost based on the actual quantity?	This will be addressed in addendum 2.	Addendum 2
41			Can we have a specification section for the monorail we are replacing?	See response to Question 8.	
42			Are there any additional drawings for this project that show the profile for the gutters on the headworks and the roof ridge profile on the sequencing building?	See record drawings provided via addendum 2.	Addendum 2

END OF QUESTIONS AND ANSWERS