



QUESTIONS AND ANSWERS

REGIONAL URBAN WATER AUGMENTATION PROJECT

Date: June 21, 2017
CIP #: RW-0156

Marina Coast Water District

Prepared By: Jonathon Marshall
Reviewed By: Anne Prudhel
Subject: Questions and Answers during Bidding Through 06-20-17

Purpose

There have been questions from contactors regarding the drawings and specifications for the Marina Coast Water District (MCWD) Regional Urban Water Augmentation Project (RUWAP). This list documents questions received to date and provides answers to those questions. These questions and answers are provided for convenience and are not part of the contracting documents. It should be understood that these questions and answers reflect information in the bid documents and addenda through the date listed above. Subsequent addenda could result in changes to the answers to the questions below, however updated answers will not be provided unless the question is asked again.

Questions and Answers

Regional Urban Water Augmentation Project Questions and Answers during Bidding	
Q35	Looking at the new Bid Item schedule on page 4 that was issued in Addendum #1 there are missing Bid Item Numbers next to the Description sections. Numbers 18, 20, 21, 22 and 25 are not shown next to the Description sections.
A35	This is caused by downloading the files using Internet Explorer. Bid documents from the MCWD website should only be downloaded using Google Chrome. Using Internet Explorer may result in files opening with missing information.
Q36	On CG-01, GC-02, and C29, is 3rd Street the current street name?
A36	Those streets have recently been re-named "Inter-Garrison Road"
Q37	On C-30, the background drawing is very old, there is a new library.
A37	The pipeline alignment is still valid.
Q38	The Local Hiring Form that was issued with addendum number 1 says SUBMIT WITH BID. As a general contractor we can read the ordinance, and also make a good faith effort to advertise locally, but it will be impossible to put a percentage on how much of our work force will be from the Monterey Bay Area at bid time. It is also impossible for us to know if there is a suitable pool of persons locally with the specialized skills that we require for work on this contract. We as the General Contractor do not know if we are actually going to get this job, so attempting to hire locals for a job we might get is not practical, nor we can we give a percentage on how many locals could possibly make up our specialized skill trades. We respectfully asking that the "Local Hiring For Public Works" be removed from the documents issued with addendum number one, as it is impossible to give all the information requested."

QUESTIONS AND ANSWERS DURING BIDDING THROUGH 06-20-17

A38 See Addendum 3. A modified form is included.

Q39 It appears as though the footprint for Blackhorse Reservoir as shown in Drawing C-02 has a scaled diameter measurement of 96' to the edge of pavement. Drawing S-02 provides for a given diameter measurement of approximately 108.5' to the edge of pavement. Assuming the provided measurement of 108.5' is correct, the pavement widths around the tank as shown on Drawing C-02 would change. Please confirm the correct diameter measurement and make the necessary changes to the pavement dimensions if necessary.

A39 See Addendum 3. The footprint has been revised.

Q40 Section C, Drawing S-02 details the over excavation required to create the foundation soils for the Blackhorse Recycled Water Reservoir. Using the over excavation elevation of 465' provided on Drawing S-02 and the existing ground elevation of 485' shown on Drawing C-02, the excavation depth would be approximately 20'. With the provided slope of 2:1, the horizontal length for the sloped edge of the excavation would be approximately 40'. This adds another 80' of diameter length to the 138.5' of diameter length shown for the tank over excavation. The overall diameter length from hinge point to hinge point of the excavation would be approximately 218.5'. Taking into account the shored locations shown on Drawing D-01, when this dimension is plotted on Drawing C-01, much of the proposed excavation on the east and north sides of the tank would occur outside the property boundary. Please review and advise.

A40 See Addendum 3. The paving has been clarified.

Q41 It appears that the 24" DI class 350 pipeline is drawn to two different dimensions in the profile view. From sta. 10+00 to sta. 119+00, the 24" DI pipeline scales to approximately 1.68'. On the remaining profile drawings, the pipeline scales to 2'. Should we use the top of pipe or invert to calculate the depth of cover? The transition from the two different pipe dimensions occurs at the Sta. 119+00 match line between sheet C-11 and Sheet C-12. Neither the invert elevations or the "top of pipe" elevations align at the Sta. 119+00 match line. Please review and advise.

A41 See Addendum 3 for a revisions on C-12 to transition between C-11 and C-12. Addendum 3 added a note on Drawing G-02 (Note 5 under general notes) to use the top of pipe for estimating depth of cover.

Q42 What Bid Item Number will cover the Chain Link Fence work? Please clarify

A42 Bid Item 20 - Blackhorse Reservoir (excluding work covered by Items 21-24)

Q43 In Addendum #1 in the Insurance requirements it calls out Pollution Liability Insurance. This type of insurance is not typically carried by most subcontractors and is expensive to purchase. Will the subcontractor performing the fence and gate scope of work be required to furnish the Pollution Liability Insurance?

A43 The general contractor is required to have this insurance. It is up to general contractor whether subcontractors have this insurance.

Q44 In Addendum #1 in the Insurance requirements it calls out Professional Liability Insurance. This type of insurance is not typically carried by most subcontractors and is expensive to purchase. Will the subcontractor performing the fence and gate scope of work be required to furnish the Professional Liability Insurance?

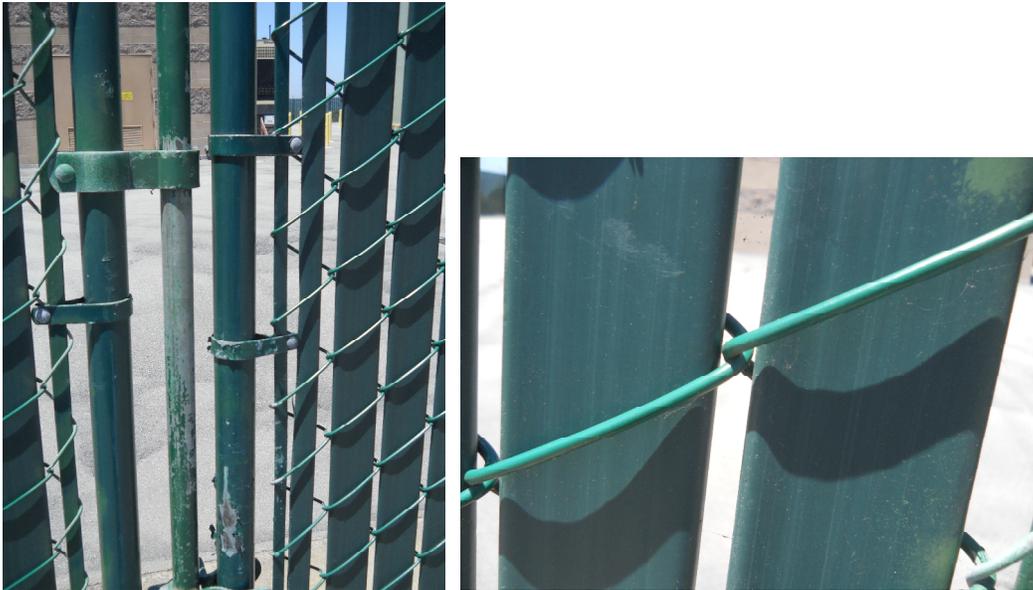
A44 The general contractor is required to have this insurance. It is up to general contractor whether subcontractors have this insurance.

Q45 Add#2 page 22: E.3 - General Jim Moore Boulevard and Lightfighter Drive shall receive a Type II slurry seal for the entire width, or up to centerline or median. This is not shown on the plans anywhere. Assuming it is required, how much of Lightfighter is to be sealed as there is no trenching for watermain required on this street? In which bid item does this work get paid? Due to various city and agency boundaries on these 2 roads, please also advise which station #'s (and their durations this would include.

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A45	See Addendum 3 Drawings. This should be paid in Bid Item 5, 24-inch Transmission Main (Paved Areas).
Q46	Add#2 page 22: E.4 - Trench restoration shall be in conformance with standard plan s-601, except slurry backfill shall be required. Slurry backfill shall conform to S-600 or alternative slurry backfill material by written approval of the City Engineer. Detail s-601 in addendum #2 states CDF or sand, or native if suitable may be used. Which is correct?
A46	This is for work located within the City of Seaside. The draft permit language contained in E.4 requiring slurry backfill takes precedence over the City's standard detail.
Q47	Spec 2318-3: Trench widths in 02318-3 are called out differently than the detail provided in addendum #2 s-601, yet specs were not changed in addendum #2 Which is correct?
A47	Detail S-601, and the associated requirements contained in Addendum #2 are for work in the City of Seaside and only apply to work within the City of Seaside.
Q48	G-02: General Note #2 states the City of Marina paving shall be 6"AC/8"AB, while notes #3&#4 state remainder areas to be 4"AC/12"AB, yet addendum #2 s-601 only shows 4"AC/12"AB for paving sections Which is correct? If Marina is determined as 6" AC, does this include the 2" overlay (4"AC+2") or is it 6"AC+2" overlay (=8"AC)?
A48	G-02, General Note 2 is Correct, as well at the attachments in addendum #2. General note 2 covers work over the entire project area. The attachments in addendum 2 are requirements for work within the City of Seaside. The final pavement section within the City of Marina will need to be 6"AC/8"AB,
Q49	P002/TP-01: Typical detail shows upon final paving that only the AC is 24" wider than the trench. The detail provided in addendum #2 s-601, shows the baserock also is widened. Which is correct?
A49	S-601 applies to work within the City of Seaside. P002 applies to work in all other locations.
Q50	In the event of finding discrepancies between plans, specifications, and permit conditions, which condition takes precedence?
A50	See the order of precedence in Specification Section 00 73 00.
Q51	Which bid item do the permit fees, added as part of addendum #2 and totaling in excess of \$400k, get assigned to? Why not create an allowance item?
A51	See response to Question 45 for where to include the permit fees in the bid schedule.
Q52	Where can I find a copy of the Marina Standard drawings and specifications? I do not see it on their website...
A52	City of Marina standards are located at: http://www.ci.marina.ca.us/DocumentCenter/Home/View/293
Q53	We looked at the specs for the fence and the wire fabric reads as 6 gauge. Is this the core wire size or is it the finish size of the wire including PVC coating? This spec may cause some difficulties with the wire suppliers. Please clarify the core wire size for the fabric. We hope you can send some pictures of the existing fencing and it gives a clear understanding of what is expected for the chain link fabric.
A53	See Addendum 3. The spec has been updated to include the wire size, PVC coating, and no slats. Pictures are included below.

QUESTIONS AND ANSWERS DURING BIDDING THROUGH 06-20-17



Q54 Are we required to replant, replace vegetation and/or hydroseed in non-paved areas?

A54 Yes. The Mitigation Monitoring and Reporting Requirements in Appendix B require revegetation. Also See Addendum 1, Specification 01140 at the Marshall School for turf replacement.

Q55 Where can we obtain construction water from? Is there an associated fee? We will need this for dust control, compaction, and pipeline testing.

A55 Construction water can be obtained from a hydrant meter from MCWD. An application is available at the MCWD website at http://www.mcwd.org/docs/engr_files/Appendix%2014%20Hydrant%20Meter.pdf. The fees depend on where the hydrant meter is set the City of Marina or the Ord Community (areas outside the City of Marina). Rates are attached to these questions and answers.

Q56 Please confirm that we are required to disinfect the pipeline. Section 15142 indicates that the contractor is responsible – but this is a recycled water pipeline?

A56 Confirmed, the pipeline is to be disinfected.

Q57 Please confirm that the contractor is responsible for the cost associated with compaction testing. There are conflicting statements in the specifications so we want to double check.

A57 Confirmed, the contractor is responsible for costs associated with compaction testing per Specification 02318, 3.03.A.1.

Q58 The respective permits – Seaside, Marina, and CSUMB – all reference misc fees such as admin fees etc. This is going impossible for us to quantify. Can you create an allowance item for these fees so that everyone is bidding this job the same?

A58 Addendum #2 includes the permit fees contractors to include for bidding. See response to Question 45 for where to include the permit fees in the bid schedule.

Q59 Is silt fencing required at the ROW limit when working in 'non-paved' areas?

A59 The contract documents do not require silt fencing at the ROW line. However, it is possible the Contractor's SWPPP could include this as a stormwater pollution prevention item.

Q60 Can we discharge testing water to the storm drain or sewer? If not where/how are we to dispose of the testing water?

QUESTIONS AND ANSWERS DURING BIDDING THROUGH 06-20-17

A60 Testing water can be discharged to the sewer. The discharge shall be at a flow rate than does not exceed the capacity of the sewer. Similarly, water can be discharged to the storm drain, if it is dechlorinated and does not exceed the storm drain capacity. Discharging to the storm drain would need to be coordinated with the storm drain owner - generally the City where the storm drain is located.

Q61 Apart from the zinc coating on the DIP and polyethylene bag is there any other cathodic protection required for the pipeline work?

A61 Zinc coating is required, however a polyethylene bag not an acceptable substitute for the zinc coating (a polyethylene bag shall not be installed). There are no additional cathodic protection features of the pipeline.

Q62 In addendum #2 permit conditions, page 6 describes several details to comply with for the City of Seaside. Yet I do not see these within the specifications, nor do I not see it on their website. Please supply a link or the actual documents needed to comply with the Marina Standard drawings and specifications referenced.

A62 Additional City of Seaside standard drawings are included in Addendum #3.

Q63 I saw the addendum that came out saying that chain link fence and slats to match existing. Did we find out if it's black on black or black slats and galvanized chain link and post?

A63 See Addendum 3.

Q64 Specifications note that we are responsible for chlorinating the pipeline but not the new reservoir. Is this correct?

A64 Yes, that is correct.

Q65 Specifications note that the contractor is responsible for providing a welding inspector/inspection during tank/reservoir construction. Is this correct?

A65 Yes. The Contractor is responsible for providing welding inspection.

Q66 Who is responsible for the cost associated with the 'Special Inspections' noted on Sheet SG-01? The Contractor or the District?

A66 The Contractor is responsible.

Q67 Is it the Districts intention for the contractor to have a dedicated safety rep onsite full-time? If YES can the Superintendent serve this role?

A67 See Specification 00 72 00, Part 7.13. For example, the superintendent could also serve this role if he/she is properly qualified.

Q68 What pay item does the 10" customer turn out at station 389+04 go in?

A68 See Addendum 3. This has been updated to a 12".

Q69 In detail P014 on TP-01 how much wider and deeper than the trench is the 2' thick cutoff wall?

A69 See Addendum 3, the dimensions have been added.

Q70 What bid item should slurry seal be located in?

A70 See the answer to Question 51.

Q71 Is trench plating allowed? Or is temporary cutback/paving required at the end of each day? General Provisions...

A71 Trench plating is allowed if the Contractor follows the requirements of local jurisdictions.

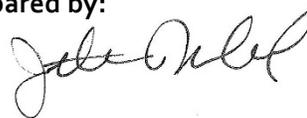
Q72 What bid item should the SWPPP be located in?

A72 Bid Item 1 - Mobilization and Demobilization

QUESTIONS AND ANSWERS DURING BIDDING THROUGH 06-20-17

Q73	Is a construction trailer required for the Engineer?
A73	No, it is not required.
Q74	Is there a tee cut required at street trenching locations?
A74	Yes. See detail P002 on Drawing TP-01 and Detail S-601 in Addendum 2.
Q75	Is pavement fabric required?
A75	No, it is not required.
Q76	Are we required to replace loop detectors if they are in the pipeline alignment?
A76	Yes. Replace in kind.
Q77	What materials are intended to be tested for asbestos - listed in the demolition specification?
A77	Any materials that could potentially contain asbestos. This includes the existing concrete in the concrete reservoir and building.
A78	Are fence slats required?
A78	No. The existing fence has slats, but the new fence will not have slats. The Addendum 3 fence specification update reflects this.
Q79	Drawing S-03, Detail 4, Note 1 says that all rafter faying surfaces shall be seal welded. The detail shows seal welding the rafters to the roof. Section 13206Q.15.f.1 says that friction between the rafters and roof cannot be considered to determine beam stability suggesting the rafters are not seal welded to the roof. Are the rafters to be seal welded to the roof?
A79	Rafters are to be seal welded to the roof.
Q80	Section 13206Q.13.g says to provide a 2'-6" radius knuckle around the edge of the roof. An industry standard knuckle radius is 3'-0". Can a 3'-0" radius knuckle be used?
A80	A 3'-0" knuckle radius is acceptable and will be allowed.
Q81	Section 13206Q.13.g.a, says "Weathertight steel construction. Roof plates may be lapped and-welded at the exterior-side only in accordance with AWWA D100. Roof plates shall be lap-welded both sides or butt-welded." Are roof plates to be seal welded on the interior of the tank?
A81	Roof plates are to be seal welded on the interior of the tank.
Q82	Can Section 14 of AWWA D110-11 be utilized for the design of the tank?
A82	No, Section 14 of AWWA D100 is not permitted due to the high seismicity of the area and the potential reduction in wall thickness.
Q83	There are several trench details, please clarify which details go where.
A83	Detail P002 on Drawing TP-01 is the trench detail to use in all location except within the City of Seaside. The trench detail to use for the City of Seaside was included in Addendum 2 - Drawing S-601.
Q84	Can the bid opening date be extended?
A84	No.

Prepared by:



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**MARINA
WATER & WASTEWATER SYSTEM
RATES, FEES and CHARGES
FY 2017 - 2018
Effective July 1, 2017 and January 1, 2018**

	<u>Current Rates July 1, 2017</u>	<u>January 1, 2018</u>
Water Consumption Charge		
0 - 8 hcf First Tier	2.70 per hcf	2.78 per hcf
8 - 16 hcf Second Tier	3.10 per hcf	3.19 per hcf
16+ hcf Third Tier	5.47 per hcf	5.63 per hcf
 Monthly Minimum Water Charges		
	<u>Fee</u>	<u>Fee</u>
Size	21.71 per month	22.36 per month
5/8" or 3/4"	35.02 per month	36.07 per month
1"	57.22 per month	58.94 per month
1 1/2"	83.85 per month	86.36 per month
2"	146.03 per month	150.41 per month
3"	234.77 per month	241.82 per month
4"	456.71 per month	470.42 per month
6"	900.86 per month	927.88 per month
8"		
 Monthly Minimum Sewer Charges		
Monthly Wastewater Charge	13.44 per EDU	14.78 per EDU
 Temporary Water Service		
Meter Deposit Fee	650.00	650.00
Hydrant Meter Fee (Set/Remove Fee)	140.00 one time fee	140.00 one time fee
Hydrant Meter Fee (Relocate Fee)	140.00 per occurrence	140.00 per occurrence
Minimum Monthly Service Charge	95.43 per month	98.29 per month
Estimated Water Consumption Deposit	1,100.00 minimum	1,100.00 minimum
 Private Fire Meter Charge		
	<u>Fee</u>	<u>Fee</u>
Size	1.63 per month	1.68 per month
1"	4.72 per month	4.87 per month
1 1/2"	10.07 per month	10.37 per month
2"	18.11 per month	18.65 per month
2 1/2"	29.25 per month	30.13 per month
3"	62.33 per month	64.20 per month
4"	181.05 per month	186.49 per month
6"	385.83 per month	397.40 per month
8"		
 Capacity Charges		
Water	\$4,526.00 per edu	\$4,526.00 per edu
Sewer	\$2,333.00 per edu	\$2,333.00 per edu

**ORD COMMUNITY
WATER & WASTEWATER SYSTEM
RATES, FEES and CHARGES
FY 2017 - 2018
Effective July 1, 2017 and January 1, 2018**

		<u>Current Rates July 1, 2017</u>	<u>January 1, 2018</u>
Water Consumption Charge			
0 - 8 hcf	First Tier	3.40 per hcf	3.68 per hcf
8 - 16 hcf	Second Tier	5.22 per hcf	5.65 per hcf
16+ hcf	Third Tier	7.03 per hcf	7.62 per hcf
	Monthly Capital Surcharge (Connections after June 30, 2005 & before July 5, 2014)	20.00 per EDU	20.00 per EDU
	Flat Rate	143.94 per unit	153.99 per unit
 Monthly Minimum Water Charges			
		<u>Fee</u>	<u>Fee</u>
<u>Size</u>			
5/8" or 3/4"		37.55 per month	38.79 per month
1"		58.57 per month	60.51 per month
1 1/2"		93.62 per month	96.71 per month
2"		135.66 per month	140.14 per month
3"		233.85 per month	241.57 per month
4"		373.96 per month	386.31 per month
6"		724.39 per month	748.31 per month
8"		1,425.66 per month	1,472.72 per month
 Monthly Minimum Sewer Charges			
	Monthly Wastewater Charge	29.80 per EDU	32.18 per EDU
	Monthly Capital Surcharge (Connections after June 30, 2005 & before July 5, 2014)	5.00 per EDU	5.00 per EDU
 Temporary Water Service			
	Meter Deposit Fee	650.00	650.00
	Hydrant Meter Fee (Set/Remove Fee)	140.00 one time fee	140.00 one time fee
	Hydrant Meter Fee (Relocate Fee)	140.00 per occurrence	140.00 per occurrence
	Minimum Monthly Service Charge	141.69 per month	151.56 per month
	Estimated Water Consumption Deposit	1,100.00 minimum	1,100.00 minimum
 Private Fire Meter Charge			
		<u>Fee</u>	<u>Fee</u>
<u>Size</u>			
1"		2.19 per month	2.26 per month
1 1/2"		6.35 per month	6.56 per month
2"		13.54 per month	13.99 per month
2 1/2"		24.35 per month	25.15 per month
3"		39.33 per month	40.63 per month
4"		83.81 per month	86.58 per month
6"		243.46 per month	251.49 per month
8"		518.81 per month	535.94 per month
 Capacity Charges			
	Water	\$8,010.00 per edu	\$8,010.00 per edu
	Sewer	\$3,322.00 per edu	\$3,322.00 per edu