

ANSWERS TO BIDDER QUESTIONS BY CONTRACT SPECIFICATION

LAST UPDATED: August 15, 2007



NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

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NO. ¹	CONTRACT NO.	QUESTION ²	ANSWER
9	300187.08.01 (Spec 1)	Why aren't more valve manufacturers listed as acceptable manufacturers in Section 11264 (Intake Valves, Actuators, and Hydraulic Power Unit) of the Contract Documents for AWWA butterfly valves in Paragraph 2-1.01 and for valve seats in Paragraph 2-1.06?	The acceptable manufacturers listed in Section 11264 (Intake Valves, Actuators, and Hydraulic Power Unit) were chosen based on their qualifications to provide a complete system, including the hydraulic power unit. Some valve manufacturers who are qualified to make valves and valve seats were not included in this list because they did not have the appropriate qualifications needed to provide a complete system.
15	300187.08.01 (Spec 1)	Section 02370, Paragraph 1-3 requires 10 years of deep shaft construction experience. The pre-qualification for general contractors required three representative shaft projects. Will the DISTRICT accept the qualifications of a contractor who has four completed representative shafts in the last five years and has a management team that has more than 10 years deep shaft experience with previous employers, but does not have a representative shaft project that is more than 10 years?	This item will be addressed in Addendum 2, 300187.08.01 (Spec 1) as follows: Section 02370, "Intake Shaft Construction," Page 1, Paragraph 1-3, "Shaft Contractor Qualifications and Experience;" In the third line of the first paragraph - change "ten (10)" to "five (5)".
38	300187.08.01 (Spec 1)	Section 00700, Paragraph 2.1.A refers to Section 02055, Mandatory Recycling Requirements, which is not included in the Specifications. Please provide this Specification Section.	Section 02055 will be added in Addendum 2.

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39	300187.08.01 (Spec 1)	Section 00700, Paragraph 6.2.C notes that the CONTRACTOR will be required to pay increased costs for inspection and testing performed during overtime work. If the CONTRACTOR chooses to double-shift any of the work activities or perform Saturday work, will the DISTRICT provide additional testing and inspection personnel to eliminate any increased costs? Is overtime considered anything outside the work hours specified in Section 01311, Paragraph 2.3?	Overtime work is considered any work outside of the hours in Section 01311, Paragraph 2.3 (Working Hours). The District has not budgeted for overtime or second-shift inspection and testing work performed by the ENGINEER. In accordance with Section 00700, Paragraph 6.2.C, the Contractor is responsible for the costs associated with the ENGINEER's work in inspection and testing during overtime work.
40	300187.08.01 (Spec 1)	Section 00700, Paragraph 6.3 notes that the District reserves the right to adjust the CONTRACTOR's schedule to the shorter duration submitted on the CONTRACTOR's schedule. Would the Contractor be liable for liquidated damages from the date of the adjusted contract completion?	Only if the DISTRICT modifies the Contract Times in accordance with Section 00700, Article 12.
41	300187.08.01 (Spec 1)	Specifications Section 00700-33, Paragraph 6.3 notes that the District reserves the right to adjust the CONTRACTOR's schedule to the shorter duration submitted on the CONTRACTOR's schedule. Would the CONTRACTOR still be allowed to collect the Incentive for early completion based on the original Substantial Completion date noted on in Section 00500, Agreement?	Only if the DISTRICT modifies the Contract Times in accordance with Section 00700, Article 12. It is not the DISTRICT's intention, however, to decrease the CONTRACTOR's opportunity to earn the bonus incentive.
42	300187.08.01 (Spec 1)	Section 01060, Paragraph 1.2.2 states that a Draft Conceptual SWPPP is available upon request. Please provide this plan.	Refer to the CD attached to Addendum No. 1 for Intake, Contract No. 300187.08.01, Specification No. 1.

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43	300187.08.01 (Spec 1)	Attachment 00800B, Geotechnical Baseline Report, Paragraph 3.5 (Groundwater Disposal) states that after treatment, water can be used for dust control or hauled off site. Section 01060, Paragraph 1.2.4 states that all groundwater shall be maintained on site, and not allowed to enter Lake Nacimiento. The water volume created on site will far exceed the volume that could be used for dust control or sprinkling. If the water is cleaned up to normal acceptable standards, can it be returned to the lake?	Water considered as “seepage” from the ground into the shaft can be discharged into Lake Nacimiento after it is deemed to comply with applicable provisions of sections 301 (“Effluent Limitations”), 302 (“Water Quality Related Effluent Limitations”), 303 (“Water Quality Standards and Implementation Plans”), 306 (“National Standards of Performance”), and 307 (“Toxic and Pretreatment Effluent Standards”) of the Clean Water Act. A change to Section 01060 will be incorporated in Addendum 2.
44	300187.08.01 (Spec 1)	Section 01060, Paragraph 1.2.5 states that the Contractor has to make scheduling allowances associated with work in the vicinity of the least Bell’s vireo habitat, and the vernal pool fairy shrimp. In review of the Fish and Wildlife Services Biological Opinion, it appears that the Intake project will not impact habit of these two species. Should schedule impacts be expected for the Intake project?	No Intake schedule impacts should be expected in regards to the least Bell’s vireo habitat or the vernal pool fairy shrimp.
45	300187.08.01 (Spec 1)	Section 02880, Paragraph 3-1 states that equipment for handling and conveying dredged materials shall be designed and operated to prevent dumping or spilling of dredged material into the Lake. The quantity of water moved during a dredging process greatly exceeds area available to process and filter this water. If a silt curtain is deployed and isolates the bay from the rest of the lake, could the excavated material be moved as necessary and remain on the lake bottom? This should create less turbidity than removing it from the lake.	Section 02880, Paragraph 1-7.01 requires the submittal of a Lake Siltation Control Plan as part of the Environmental Protection Plan which must be approved by the Engineer and Monterey County Water Resources Agency (MCWRA). The Lake Siltation Plan can describe alternative methods to conventional dredging proposed by the CONTRACTOR to accomplish the required underwater excavation work and minimize lake siltation. The proposed methods must be approved by the ENGINEER and MCWRA.

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46	300187.08.01 (Spec 1)	Section 02880, Paragraph 3-1 states that dredging shall be to a vertical tolerance of plus (+) 12-inches above the specified subgrade elevations. However, no subgrade elevations are given in the drawings. What values should be used for the subgrade elevations?	Additions to the drawings addressing this question will be incorporated in Addendum 2.
47	300187.08.01 (Spec 1)	In reference to Appendix C: the Department Fish & Game Lake and Streambed Alteration Agreement, on page 12, states that construction may not proceed until the project has undergone CEQA review and the Department signs the Agreement. Has this review and sign-off been done?	Yes.
48	300187.08.01 (Spec 1)	In reference to Appendix C: the letter from the Department of the Army, dated April 25, 2007, regarding the Section 404 Nationwide Permit references the "Archaeological Research Design and Treatment Plan for Data Recovery at the Nacimiento Water Project Memorandum of Agreement between the U.S. Army Corps of Engineers and the California State Historic Preservation Officer regarding the Issuance of a Permit Under Section 404 of the Clean Water Act...". Please provide a copy of this agreement.	This agreement has not been completed. It is not envisioned that the CONTRACTOR will need a copy of this agreement for the WORK.
49	300187.08.01 (Spec 1)	In reference to Appendix C: sections 16-18 and 21-End are missing from Enclosure 2 of the U.S. Army Corps of Engineers, Section 404 Nationwide Permit General Conditions.	The complete U.S. Army Corps, Section 404 Nationwide Permit will be included in Addendum 2.

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57	300187.08.01 (Spec 1)	Section 00700, Paragraph 6.11.C presents a requirement for an on-site safety representative who is a CSP. Should this requirement be removed and replaced with the requirement for a Cal-OSHA certified tunnel safety manager?	Addendum 1 will amend the Section 0700 as follows: Replace the last sentence of 0700 6.11 C with the following: “The CONTRACTOR’S safety representative shall be certified by the Board of Certified Safety Professionals as a Certified Safety Professional or certified by California Division of Occupational Safety and Health (DOSH) as a Safety Representative who is qualified to recognize hazardous conditions and is certified by the DOSH as defined in Subchapter 20 Tunnel Safety Orders.”
58	300187.08.01 (Spec 1)	Section 00700, Paragraph, 6.2.C requires the CONTRACTOR to pay for testing and inspection during overtime work. It is likely that the Project will be operating 6 days/week and 20 to 24 hours per day. Please define overtime as it is used in the context of these Specifications.	See response to question 39.
59	300187.08.01 (Spec 1)	Section 01500A, Paragraph 1.04.A implies that the ENGINEER's field office must be set up with DSL internet service. Section 01500, Paragraph 4 states that cellular phone service is limited and DSL service may not be available. Is it the intent of the Specifications to require the CONTRACTOR to bring an up-graded phone system to the Project? Please clarify.	Section 01500A will be amended in Addendum 2 to provide acceptable alternatives if DSL service is unavailable.

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60	300187.08.01 (Spec 1)	Section 02370, Paragraph 3-5 requires that the shaft lining be completed before micro-tunneling operations are permitted to begin. Section 02370, Paragraph 3-1.01 states that a short tail tunnel through grouted ground to allow space for the microtunneling jacking frame and other equipment. Do these two specifications conflict?	A tail tunnel to accommodate micro-tunneling operations is not required but can be proposed by the CONTRACTOR per Section 02370, Paragraph 3-1.01. If the CONTRACTOR chooses to pursue this alternative, the details of shaft lining penetration or shaft lining work sequence to accommodate a tail tunnel must be submitted for approval in accordance with Section 02370, Paragraph 1-4 (Submittals). Section 02370, Paragraph 3-5 (Permanent Shaft Lining) requires the final structural base slab and shaft lining be in place prior to micro-tunneling to ensure structural stability of the shaft before micro-tunneling commences. A tail tunnel to facilitate micro-tunneling must be designed with an appropriate structural tunnel "eye" to accommodate the permanent shaft lining and its structural intent.
63	300187.08.01 (Spec 1)	General Note 4 on Drawing G002 states that lake levels can fluctuate between Elevations of 670 feet and 800 feet. In order to reduce BIDDER risk and lower Bids, would the DISTRICT consider setting a maximum lake elevation of less than 800 feet to minimize the depth of marine operations? In the event that lake levels rise above the set maximum elevation, the DISTRICT could make a provision for an equitable adjustment in Contract Time and/or Price.	The DISTRICT will not set a maximum lake level elevation. However, to reduce the BIDDER's risk, Addendum No. 2 will provide information on approved lake levels during the construction of the Nacimiento Spillway Modification and will include information for a website that provides historic and anticipated lake levels.

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68	300187.08.01 (Spec 1)	Section 09940, Paragraph 2-2.02 specifies intermediate and finish coatings. Can Sherwin/Williams Duraplate UHS be used on the pipe exterior and Sherwin/Williams Macropoxy 646 PW for the pipe lining? The specified exterior coating, Powercrete J Fast Cure has been replaced with a different Powercrete system. Tyco Adhesives keeps reformulating the Powercrete product. The Sherwin/Williams products equal or exceed the performance of what is specified.	Refer to Section 09940, Paragraph 2-1.02. This may be addressed after the Notice to Proceed under the provisions for "Proposed Substitutes or Or-Equal Items" in Section 01600.
90	300187.08.01 (Spec 1)	Section 00500, Article 4 states, in part, "To the extent permitted by law, the CONTRACTOR assumes during the progress of the WORK and before its acceptance, any and all loss or damage arising out of the nature of the WORK aforesaid or from the action of the elements, or from any unforeseen difficulties or obstructions which may arise or be encountered in the prosecution of the WORK until its acceptance by the DISTRICT." Section 00700, Paragraph 4.4 contains a differing site condition clause that allows for the CONTRACTOR to recover for subsurface or latent physical conditions at the site that differ from those in the Geotechnical Baseline Report, or unknown physical conditions at the site "of an unusual nature, different materially from those ordinarily encountered and generally recognized as inherent" in the WORK. These two sections seem to contradict each other. Does the differing site condition provision in Section 00700, Paragraph 4.4 prevail over Section 00500, Article 4 in the case of a conflict?	The Contract Documents correctly presents the DISTRICT's intent of change management relating to the conditions described in the Geotechnical Baseline Report.

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91	300187.08.01 (Spec 1)	Section 00700, Paragraph 4.5.A states that the DISTRICT shall be responsible for “Hazardous Materials” uncovered or revealed at the site which were not shown or indicated in Drawings or Specifications or identified in the Contract Documents. Appendix F of the Geotechnical Data Report references several water samples where high recovery of mercury and aluminum were observed. Will the CONTRACTOR be responsible for removing these hazardous materials from the water and disposing of them off site?	Yes.
95	300187.08.01 (Spec 1)	Section 01060, Paragraph 1.2.4 (Revised in Addendum No. 2) states that the DISTRICT is coordinating with the RWQCB to establish the requirements of the discharge water. The next sentence notes that the CONTRACTOR is fully responsible for implementing the on-site treatment necessary to satisfy RWQCB requirements. How should the CONTRACTOR bid the water treatment not knowing how stringent the RWQCB’s requirements will be in treating the water in order to allow it to be discharged back into the lake?	The referenced laboratory work in the geotechnical documents provides guidance in understanding the detention/settlement and filtration needed to reduce the constituents that are above water quality standards.

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96	300187.08.01 (Spec 1)	Section 01060, Paragraph 1.2.4 (Revised in Addendum No. 2) states that the DISTRICT is coordinating with the RWQCB to establish the requirements of the discharge water. However, the Department of Fish & Game Streambed Alteration Agreement still prohibits the discharge of water into Lake Nacimiento. If there is a contradiction between the requirements in the Streambed Alteration Agreement and anticipated RWQCB water quality discharge requirements as outlined in specification section 01060, paragraph 1.2.4, which agreement and/or requirements govern?	The groundwater dewatering is under the jurisdiction of the RWQCB.
98	300187.08.01 (Spec 1)	Section 01311, Paragraph 2.1, states that the pipeline under Contract No. 300187.08.03 is scheduled to occur from October 1, 2008 to March 15, 2009. Should this time period read Oct. 1, 2007 to March 15, 2009?	The Contract Documents present this time constraint correctly.
99	300187.08.01 (Spec 1)	Section 01311, Paragraph 2.1, states that removal of the existing log boom shall be performed during the period of March 2008 through April 2008, as lake-top operations are being mobilized. If lake-top operations are not mobilized during this period, can the schedule for the log boom construction be adjusted accordingly?	Please Bid this in accordance to the Contract Documents.
102	300187.08.01 (Spec 1)	Section 01500, Paragraph 12 states that parking for the Intake WORK is available at the North Shore Recreation Area. Is parking also allowed at the CONTRACTOR's work area near the intake shaft?	Yes, as long as it does not create congestion for the WORK or work of others (e.g. MCWRA's spillway modification operation).
103	300187.08.01 (Spec 1)	Section 01650, Paragraph 6.05 requires the testing of the system ground per Division 16. No Division 16 specifications have been included. Please clarify.	This is addressed in Addendum No. 3.

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104	300187.08.01 (Spec 1)	Section 02441, Paragraph 1-3, states that a microtunneling contractor may qualify without having done an actual wet lake tap. Is this correct?	The Contract Documents present the correct information.
105	300187.08.01 (Spec 1)	Section 02880, Paragraph 1-9 (Added in Addendum No. 2) gives proposed lake level data from January 1, 2007 – January 1, 2008. Should these dates be changed so that they are from January 1, 2008 – January 1, 2009?	The Contract Documents present the correct information.
106	300187.08.01 (Spec 1)	Section 02880, Paragraph 1-9 (Added in Addendum No. 2) gives proposed lake level data during the Nacimiento spillway modification. Are these elevations anticipated lake level elevations for these time periods or a maximum elevation, exclusive of potential flooding events?	These are maximum elevation exclusive of potential flooding events. Anticipated lake levels are available on MCWRA's website.
107	300187.08.01 (Spec 1)	Section 02880, Paragraph 1-9 (Added in Addendum No. 2) gives a website which indicates a daily conservation release from the reservoir of 425 cfs. Will this daily release be reduced or shut off at any time prior to January 1, 2009?	MCWRA operates the lake and will change releases to satisfy their needs only.
108	300187.08.01 (Spec 1)	Section 09940, Paragraph 3-8.02, states that all exterior concrete surfaces are not required to be coated. Is the concrete surface on the interior of the intake shaft coated?	No.

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109	300187.08.01 (Spec 1)	Appendix B, "Plats and Legal Descriptions for Permanent and Temporary Construction Easements" is missing a drawing for Exhibit "G".	Exhibit G is provided in the Contract Documents. It is titled "Access Easement".
110	300187.08.01 (Spec 1)	Appendix B, "Plats and Legal Descriptions for Permanent and Temporary Construction Easements" does not show easements for the intermediate anchors for the log boom construction. Will these easements been secured?	MCWRA owns the property and is cooperating with the log boom installation. Hence, the DISTRICT presumes they agree with anchor points. The DISTRICT will follow-up and coordinate with MCWRA post-Bidding this Contract.
111	300187.08.01 (Spec 1)	Drawing A-C502, Detail 1 shows 2 rows of #6 liner dowels installed in the base slab. Drawing AC501, Details A and B show a single layer of #6 rebar in the Shaft lining, please clarify.	The Contract Documents present the correct information.
113	300187.08.01 (Spec 1)	The Geotechnical Baseline Report (GBR) states that the CONTRACTOR will not be compensated for pre-excavation grouting that is conducted before reaching borehole trigger levels. The threshold requirement for conducting pressure grouting operations is 15 gpm. A single borehole inflow of 14 gpm, which is below the level of paid grouting operations, could result in a flow of 100 gpm into any reach of shaft and could produce 500 gpm throughout the total shaft length. This creates a substantial risk to the BIDDER and a substantial contingency allowance in his Bid for shaft grouting under conditions less than the pay threshold. Is it acceptable for all shaft grouting to be paid fo under Bid Items 7 through 9 and not be tied into inflow trigger levels.	This is addressed in Addendum No. 4.

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114	300187.08.01 (Spec 1)	The Geotechnical Baseline Report (GBR), paragraph 3.1, states that anticipated ground conditions at the shaft location were developed from field boring logs at Boring UA-2R. Paragraph 3.3.4 of the GBR states that based on analysis, sustained groundwater inflows of 500 gpm should be anticipated. Flush flows of up to 2,000 gpm are possible and, if encountered, shall be grouted to reduce total flows to levels indicated in the Specifications. The permeability data, given in Table 3 of the Geotechnical Data Report (GDR), for boring UA-2R shows most of the permeability in the E-06 range, which is not conducive to cement grouting operations and even micro fine cement grouting operations. However, the drilling and grouting quantities seem to indicate that every reach of the shaft requires extensive grouting. The necessity and extent of pressure grouting will play a large role in the scheduling of the Intake. Please elaborate on the considerations the made in arriving at both the water inflows and on the estimated drilling and grouting quantities?	This is addressed in Addendum No. 4.
115	300187.08.01 (Spec 1)	Section 00100, Paragraph 6.3 states that the Bid shall be accompanied by an enclosed Certificate of Authority to sign, attested by the secretary or assistant secretary. This Certificate is not enclosed with the Bid Forms. How can BIDDER's obtain this Certificate.	This is addressed in Addendum No. 4.

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117	300187.08.01 (Spec 1)	Section 02880, Paragraph 1-9 (revised in Addendum No. 2), gives maximum lake elevations for calendar year 2007. Marine operations are scheduled to occur in 2008. Can the BIDDER rely on the given elevations for 2008 or should the BIDDER use the maximum elevation of 800 as currently specified in the Contract Documents?	BIDDERS can rely on the lake level elevations given in Addendum No. 2 for 2008. Due to delays in procurement of contractor services by MCWRA, the work governed by the lake levels noted in Addendum No. 2 will be applicable for work during 2008 for the MCWRA spillway modifications.
118	300187.08.01 (Spec 1)	Sections 01500 and 01500A call for the ENGINEER's office at the Intake site to be hooked up to domestic services. Is it acceptable to provide chemical toilets and bottled water for sanitary and potable water service in lieu of domestic services for this office?	Yes.

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129	300187.08.01 (Spec 1)	<p>Section 00500, Article 6 contains the complete list of Contract Documents. This list does not include the Geotechnical Data Report (GDR), the Geotechnical Baseline Report (GBR), or Attachment 00800A (Dispute Review Board) as Contract Documents. The GDR, the GBR and Attachment 00800A are made part of the Contract Documents in the Supplemental General Conditions. As such, there is a potential conflict between the Agreement and the Supplemental General Conditions. General Conditions, Paragraph 3.2 contains an Order of Precedence clause that sets forth the order of the Contract Documents when there is a conflict. That clause states that the Agreement has precedence over the Supplemental General Conditions. According to Article 6 of the Agreement, the GDR, the GBR and Attachment 00800A are not part of the Contract Documents. Please include the GDR, the GBR and Attachment 00800A as Contract Documents in Article 6 of the Agreement.</p>	<p>The GDR, GBR, and Attachment 00800A are properly referenced to be a part of the Contract Documents. Any item referenced in the Contract Documents is included in the Contract Documents, unless otherwise noted.</p>
130	300187.08.01 (Spec 1)	<p>Section 02880, Paragraph 3-1 describes the underwater excavation to be by dredging method. Please confirm that alternate methods of excavation are acceptable, provided they comply with applicable permits and regulatory requirements</p>	<p>The Successful BIDDER shall submit an excavation plan for review and approval.</p>
131	300187.08.01 (Spec 1)	<p>Section 11264, Paragraph 2-1.01.02 addresses AWWA valves. Please verify that the AWWA butterfly valves can have a cast iron or ductile iron body.</p>	<p>This is addressed in Addendum No. 4.</p>

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132	300187.08.01 (Spec 1)	Section 15068, Paragraph 2-1 states that stainless steel pipe shall be fabricated in accordance with ASTM 312. Paragraph 1-2 of this Specification Section references A778 as an applicable standard. Can stainless steel pipe can be fabricated in accordance with ASTM A778.	Fabricate stainless steel pipe in according to Section 15068, Paragraph 2-1.
149	300187.08.01 (Spec 1)	Drawing A-C301 calls out an "existing grade" line in the profile beneath the maximum water level elevation. Is the accuracy of this line dependable enough to be used to quantify materials?	A bathymetric survey was performed by Cannon Associates; accuracy of mapping performed by Cannon is stated on Drawing G101.
150	300187.08.01 (Spec 1)	Drawing A-C301 depicts the Intake pipeline profile and screen elevations. No specification is given for back-fill materials to be used under water. Please provide type and description of under water back-fill materials.	BIDDERS shall base their Bids on the following requirements: In general, we want to "level out" a 15-foot width where the pipeline is installed. For the portion of the work performed above the water surface, follow Section 02200, Paragraph 3-3.03 and use suitable material for achieving placement and compaction requirements. For the portion of the work performed under water, it will be acceptable to place dredged material in the low spots to even out the grade.
156	300187.08.01 (Spec 1)	Drawing A-C506, Section 1 shows a 30" diameter precast concrete pile with no details or loading requirements. What reinforcing should be used for the precast pile?	Refer to Section 6, Drawing A-C506.
159	300187.08.01 (Spec 1)	California Labor Code Sections 1810 through 1815 states that workers working on public work cannot work more than 8 hours in a single day without payment of overtime? Does this mean that workers on this Project cannot work four 10-hour shifts without the payment of overtime?	Comply with California Law.
160	300187.08.01 (Spec 1)	How can the public view Bid results?	Bid results are posted on the following website: http://www.slocounty.ca.gov/PW/NacWP/Construction_Bidding_Phase/Bid_Results.htm

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85	300187.08.02 (Spec 2)	Drawing A-S302, Detail D refers to Detail B on Drawing A-C503. This Drawing does not exist. Please provide Drawing A-C503 or Detail B.	This is addressed in Addendum No. 1
86	300187.08.02 (Spec 2)	Drawing B-S301, Longitudinal Section 2, calls out three members as "L4x4". Drawings B-G502 and C-G524 call out these same members as "HSS 4x4x1/4". Which Drawing is correct?	This is addressed in Addendum No. 2
142	300187.08.02 (Spec 2)	Section 00100, Paragraphs 6.3 through 6.5 state that Bid shall be accompanied by the enclosed Certificate of Authority to sign, attested by the secretary or assistant secretary. There is no enclosed Certificate. Please change to state that the Certificate is supplied by the BIDDER.	This is addressed in Addendum No. 2
147	300187.08.02 (Spec 2)	Section 00100, Paragraph 6.1 states that the Bid Forms shall not be removed from the Contract Documents unless otherwise specified. Does this mean that the BIDDER cannot remove the Bid Bond to send to the Bonding Company?	See response to BIDDER Question No. 62.
153	300187.08.02 (Spec 2)	Section 01500, Paragraph 2 (revised in Addendum No. 1) specifies that water can be drawn from Nacimiento River for construction near the Camp Roberts Tank site. Please identify the pumping point along Nacimiento River nearest to the Camp Roberts Tank site.	Likely locations for the Nacimiento River construction water pumping are between pipeline stations 243+00 and 272+00.
154	300187.08.02 (Spec 2)	On Drawings A-I601 and A-I602, indicates valve numbers for valves. Where is the valve list matching the valve number shown on the Drawings.	Refer to Section 01640.

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155	300187.08.02 (Spec 2)	Refer to Drawings A-M101 and A-I604. Please clarify piping requirements for the hydraulic pump unit. What type of SST pipe is used? Is high pressure flushing required? Is third party testing required? Should there be Braided Flex connectors to equipment? Why is Drawing A-M101 showing air going to MPU 8002 but not to MPU 8001?	Refer to Section 11265 for HPU Piping requirements. No air supply is required for either HPU 8001 or HPU 8002. The air line shown is for the Valve Actuators which shall be field routed based on Drawing A-I-603.
157	300187.08.02 (Spec 2)	Refer to Drawings A-M101 and A-I602. What is the discharge piping size at the operated valve? Is ductile iron pipe or welded steel pipe optional?	The actuated valve at individual pump discharges shall be 16" as shown in drawing A-M101, A-I602 and listed in Section 01640. The pump discharge pipes shall be welded steel pipe.
164	300187.08.02 (Spec 2)	Drawings A-E101 and G2-E601 and indicates a standard numbering system for conduit and cables. Is there a conduit and cable schedule available for use that corresponds to the numbers shown on the Drawings?	No. Conduit and cables are called out on the Drawings.
165	300187.08.02 (Spec 2)	Section 13500, Paragraph 1.03 states that the intended system Supplier shall furnish their qualifications in the Instrumentation and Control System Supplier Questionnaire bound elsewhere in the Documents. Please provide this Questionnaire.	This is addressed in Addendum No. 2.
166	300187.08.02 (Spec 2)	Section 13500, Paragraph 1.03 states that the intended system Supplier shall furnish their qualifications in the Instrumentation and Control System Supplier Questionnaire bound elsewhere in the Documents. Where is this Questionnaire?	See response to BIDDER Question No. 165.
169	300187.08.02 (Spec 2)	Section 00100, Paragraph 6.1 states that the Bid Forms shall not be removed from the Contract Documents unless otherwise specified. Does this mean that the BIDDER must submit the entire Part 1 of 6 Specification book, containing the Bid Forms, to the DISTRICT?	See response to BIDDER Question No. 62.

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NO. ¹	CONTRACT NO.	QUESTION ²	ANSWER
171	300187.08.02 (Spec 2)	Can BIDDERS visit any of the Facilities sites prior to the Bid date?	<p>The Facilities sites will be available for viewing as follows:</p> <p>INTAKE PUMP STATION: Friday, August 10, 9:00-9:45 a.m. (gate will be open)</p> <p>CAMP ROBERTS TANK: BIDDER to make own access arrangements as described in BIDDER Question No. 24.</p> <p>SANTA YSABEL PUMP STATION: Friday, August 10, 1:00-2:00 p.m. (BIDDERS must enter through the guarded entrance off of South River Road for access)</p> <p>ROCKY CANYON PUMP STATION & TANK: Site is available for viewing from Rocky Canyon Road right-of-way only. Do not trespass on private property.</p> <p>CUESTA TUNNEL TANK: Site is available for viewing.</p>
172	300187.08.02 (Spec 2)	<p>Section 2200, Paragraph 1-7.01 states that at least five feet of existing fill and underlying bedrock will be removed at the pump station by the contractor of Contract 300187.08.01 (Intake).</p> <ol style="list-style-type: none"> 1. What are the limits of this removal? 2. What quantity of material will need to be disposed by the CONTRACTOR that is generated by the Intake construction? 3. Will the Intake contractor dispose of asphalt demolition that they generate? 	<ol style="list-style-type: none"> 1. This is addressed in Addendum No. 2. 2. The Intake CONTRACTOR will stockpile the excavated material at the site for possible re-use by the Facilities CONTRACTOR. Re-use will be allowed if the material is suitable per Section 02200. Any material not suitable for re-use shall be removed from the site by the Facilities CONTRACTOR. 3. Any materials cleared by the Intake contractor will be removed from the site except as specified for the site excavation material.

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NO. ¹	CONTRACT NO.	QUESTION ²	ANSWER
173	300187.08.02 (Spec 2)	Drawing G502 calls for a portable sump pump at the flowmeter vault. Drawing A-C103 shows a gravity drain. Please clarify where sump pumps are specified.	This is addressed in Addendum No. 2.
174	300187.08.02 (Spec 2)	Drawing A-I603 references Note No. 3 in the lower right corner, but Note No. 3 is not shown in the Notes. Please provide Note No. 3.	This is addressed in Addendum No. 2.
175	300187.08.02 (Spec 2)	Section 09725 discusses seamless floor covering. Drawing G510 does not call out seamless floor covering. Please clarify where, or if, seamless floor cover is used.	This is addressed in Addendum No. 2.
176	300187.08.02 (Spec 2)	Please verify that Suppliers are to be listed on Bid Form, Section 00430, "List of Subcontractors."	<p>Please comply with Section 00100, Article 10.2, regarding the requirement to list material Suppliers <u>and</u> Subcontractors on the Bid Form, "List of Subcontractors," Section 00430. Also refer to Addendum No. 2, in which the definitions of Supplier and Subcontractor were revised to further clarify the requirement to include material Suppliers and equipment Suppliers to the "List of Subcontractors" form.</p> <p>The DISTRICT's intent is to understand the source of supply of materials and equipment that will be used on or in the WORK. The DISTRICT suggests that the BIDDER provide an indication that clarifies the difference between Suppliers and Subcontractors on the "List of Subcontractors" form by marking "(Supplier)" or "(Subcontractor)" next to the company name listed on the form.</p>
183	300187.08.02 (Spec 2)	Section 13500, Paragraph 1-2.03 specifies required qualifications of the Instrumentation & Controls System Supplier. Is it the intent of the DISTRICT that this Supplier be listed on the "List of Subcontractors" form, Section 00430?	See response to BIDDER Question No. 176.

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184	300187.08.02 (Spec 2)	Section 13510, Paragraph 2-1.01 states that server computers are not used. However, there are references to SCADA servers in Section 13520, Paragraph 3-1.02, Section 13550, Paragraphs 3-1 and 3-4.02, and Section 13591, Paragraph 2-2.03. Please identify the number and type of server computers required and the number and type of software licenses to be installed on each computer.	This is addressed in Addendum No. 2. For clarification, refer to: Drawing G604 for locations of PC Workstations, Section 13510 for computer hardware requirements, and Section 13520 for software requirements.
185	300187.08.02 (Spec 2)	Section 11140, Paragraph 2-1 specifies acceptable pump manufacturers. Will the DISTRICT consider adding other qualified pump manufacturers to this list?	This may be addressed after the Notice to Proceed under the provisions for "Proposed Substitutes or Or-Equal Items" in Section 01600, Paragraph 4.
187	300187.08.02 (Spec 2)	Section 13520, Paragraph 2-2.01 specifies that the process control system application software shall be the latest version of either Wonderware FactorySuite or GE Fanuc Automation (Intellution) iFIX. Will the DISTRICT accept either RSView SE by Rockwell Automation (Allen Bradley) or ClearSCADA by Control Microsystems as acceptable process control system application software?	Please Bid according to the Contract Documents.
188	300187.08.02 (Spec 2)	Per the response to BIDDER Question No. 24, BIDDERS can gain access into Camp Roberts to view the Camp Roberts Tank site. Will the DISTRICT consider escorting BIDDERS to the site?	BIDDERS may take a self-guided tour of the NWP Facilities on Friday, August 10, 2007. Tour instructions, tour schedule and a map to the Camp Roberts Tank are posted on the Project website at the following address: http://www.slocounty.ca.gov/Assets/PW/NacProject/Reports/Bidder+Tour.pdf

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189	300187.08.02 (Spec 2)	Section 14640, Paragraph 2-2 specifies that the portable hydraulic lifting frame shall be Willmar Model No. W41026, Carolina, Ralley, or equal. Where can BIDDERS find contact information on any of these companies?	BIDDERS shall base their Bids on the following: Delete the referenced manufacturers, "Willmar Model No. W401026, Carolina, Ralley," presented in Section 14640, Paragraph 2-2. The portable hydraulic lifting frame shall meet the requirements specified in Paragraphs 2-1 and 2-2 of Section 14640. The DISTRICT's research indicates that Spanco, Inc., Harrington Hoists and Cranes, and Wallace Products Corp. may offer an assembly that satisfies the specifications.
190	300187.08.02 (Spec 2)	Will the DISTRICT consider postponing the Bid date due to other large civil projects bidding in July and August?	No. The DISTRICT cannot move the Bid opening date due to several internally scheduled processes that are dependent on our Bid opening date.
191	300187.08.02 (Spec 2)	Drawings T2-E501, T4-E501, T6-E501, and T11-E501 are listed in the table of contents, but are not included in the Drawing set. Please provide these Drawings.	These Drawings are available as part of Addendum No. 2.
192	300187.08.02 (Spec 2)	Drawing A-C102, Section 1 calls out a 6" crushed rock road section. Drawing B-C301, Detail A calls out a 12" class 2 AB road section. Standard Detail C024 calls for a 12.5" crushed rock road section at both pump stations. Please clarify the thickness.	BIDDERS shall base their Bids on the following: The access roads and site areas at pump stations and tanks designated to receive aggregate surfacing shall be constructed per Standard Detail C024, except that the total cross-sectional thickness shall be 24", comprised from bottom to top of 12" subbase material, 8" Class II AB material, and 4" of crushed rock material.
193	300187.08.02 (Spec 2)	Drawing A-C102, Section 1 calls out a redwood header to be installed at the edge of the gravel surface at the Intake site. Do all other sites require a redwood header at the edge of gravel surface?	Redwood headers are not required at the other sites.
196	300187.08.02 (Spec 2)	Drawing A-S102 references Details 1 and 2 on Drawing G522 for concrete on the roof. Should this be constructed of lightweight concrete?	No concrete is required on top of the metal decking at the Intake Pump Station. Refer to Drawing A-A102, Section B and Drawing A-A302, Section 3 and Detail B for roof details at IPS. Use Details 1 and 2 of Drawing G522 only for the connection between metal decking and wall.
197	300187.08.02 (Spec 2)	Drawing B-S301 and F2-S301 call out concrete equipment slabs. Should this be constructed out of lightweight concrete?	Use normal concrete as specified in Section 03300 - Cast-in-Place Concrete

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198	300187.08.02 (Spec 2)	Drawing G560, SCADA Panel (SP-1) shows a table with three NEMA 12 SCADA Panels: A-SP-1, B-SP-1, and F2-SP-1. The requirements for these panels are not shown in the Drawings or included in the Specifications. Should they be removed from the Drawings?	SP-1 panels for Units A (IPS), B (SYPS) and F2 (RCPS) are not shown on the SCADA Block Diagram on Drawing G604 and are not required to be supplied as part of Spec 02.
199	300187.08.02 (Spec 2)	<p>1. Section 16641, Paragraph 2-3.09 specifies DC Output for the cathodic protection rectifier unit. There seems to be a discrepancy between this specification and Drawings F2-CP501 and G2-CP501. Please clarify.</p> <p>2. Drawing G401 shows anode handhole configuration, but not the internal cathodic protection systems for both the galvanic and impressed current systems. Please provide details on these internal systems.</p>	<p>1. Where the Drawings and the Specifications conflict regarding the DC output for the cathodic protection rectifier, the Specification requirement shall govern. The external rectifiers should be rated at 18 volt, 10 ampere DC output.</p> <p>2. The Specifications define the requirements for internal systems. Additional Drawings are not available at this time; specific details can be addressed during the submittal preparation and review process and through coordination with the tank manufacturer.</p>
200	300187.08.02 (Spec 2)	Drawings A-A302, B-A302, and F2-A302 calls out metal framing and drywall. Details call out 1-1/2" metal furring with 5/8" drywall and 1-1/2" metal furring with acoustical treatment. Is all of the 1-1/2" furring metal or can 1-1/2" Z metal be used? What is acoustical treatment? Does the acoustical treatment lay over the 5/8" drywall? Is the drywall taped or does it require a specific finish?	Refer to Drawings G510, G511 and Divisions 7 and 9 in the Specifications for the required details.
201	300187.08.02 (Spec 2)	Section 13500, Paragraph 1-2.03 specifies required SYSTEM SUPPLIER qualifications for the Instrumentation & Controls System and lists acceptable SYSTEM SUPPLIERS with the statement that a SYSTEM SUPPLIER may be "or equal as favorably reviewed by the ENGINEER." Is it the intent of the DISTRICT that this Supplier be pre-qualified?	No. The SYSTEM SUPPLIER shall meet the minimum qualifications required in Section 13500 and shall be able to supply the Instrumentation & Controls System that is specified in the Specifications. An "or-equal" SYSTEM SUPPLIER will be reviewed by the ENGINEER after the bidding phase during submittal review.

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203	300187.08.02 (Spec 2)	Section 13205 specifies requirements for Steel water storage tanks. This Section does not address AWWA D100-05 or upcoming CBC design criteria, which will be in effect when the tanks are constructed. Please provide AWWA D100-05 design criteria, particularly Seismic Use Group and freeboard required by AWWA D100-05.	BIDDERS shall use AWWA D100-05 as the reference standard for tank design and manufacture. Therein, tank design shall be based on Seismic Use Group III. Please advise if there are questions about any other specific design parameters.
204	300187.08.02 (Spec 2)	Section 15062, Paragraph 1-1.01 requires that all manufacturing of the pipe, including fabrication of steel cylinders, application of protective linings and coatings, and fabrication of fittings, specials, or appurtenances shall be performed by one manufacturing company. Major Suppliers with the ability to meet this requirement are not bidding this Project. Can BIDDER's be relieved of this requirement?	BIDDERS shall base their Bids on the following: The DISTRICT understands that steel pipe manifolds, fittings, and other steel pipe supply may not be available from one manufacturer as specified in Section 15062, Paragraph 1-1.01. This requirement may be waived by the DISTRICT. The DISTRICT will evaluate the listed Suppliers and Subcontractors pursuant to Section 00100, Article 10.3.
205	300187.08.02 (Spec 2)	Which Section within the Technical Specifications addresses pump motors for 4160V motors?	Refer to Section 11140.
206	300187.08.02 (Spec 2)	Can BIDDERS base their Bid on utilizing a pump with less than 700HP pump motor for the IPS, if the pump Supplier determines that it will be adequate.	BIDDERS shall Bid according to the Contract Documents, which require a 700HP pump motor for the IPS.
207	300187.08.02 (Spec 2)	Does the DISTRICT know of any environmental mitigation companies that have provided quotes for other parts of the Nacimiento Water Project?	The DISTRICT has no response for this question.
10	300187.08.03 (Spec 3)	Are HDD Subcontractors required to attend the mandatory pre-bid conference on June 5, 2007?	The pre-bid meeting for June 5, 2007 is mandatory for BIDDER's of Contract No. 300187.08.01, 300187.08.03, 300187.08.04, and 300187.08.05.
11	300187.08.03 (Spec 3)	Bid Item No.10 calls for 36-inch pipe for part of Unit C1. Alternative E asks for an alternate price for Bid Item 10 based on using the <u>same</u> size pipe (36-inch). There is no difference between Bid Item No. 10 and Alternative E. What is the purpose of Alternate E?	Bid Item No. 10 and Alternative E are not the same. The 36-inch pipe specified in Alternative E would be furnished at a lower pipe pressure class than the 36-inch pipe in Bid Item No. 10. Refer to Section 01011 of the Contract Documents.
12	300187.08.03 (Spec 3)	Drawing A1P-C130 is missing details.	Drawing A1P-C130 will be revised and reissued as part of Addendum No. 2.

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14	300187.08.03 (Spec 3)	Does <u>every</u> rubber gasket joint need to be tested for fit up per Section 15062, 2-12.04? Testing the first pipe of each diameter or pressure class would be more cost effective.	See Addendum 2, 300187.08.03 (Spec 3) Section C.6 - The shop joint fitup test will be for the first 100 joints of each pipe diameter.
16	300187.08.03 (Spec 3)	Drawings AP-C101, CP-C164, C1P-C193, C1P-C198 call out steel casings, but only Drawing C1P-C193 calls out "Bore and Jack." Should all steel casings be installed via trenchless methods?	These drawings require steel casings to be installed via trenchless methods.
17	300187.08.03 (Spec 3)	Is the DIP polyethylene encase within the casing shown in STD C011 of the Standard Details similar to the note on STD C009?	Yes.
18	300187.08.03 (Spec 3)	STD C036 of the Standard Details calls for 3" DIP, which is not an available size. Is it acceptable to upsize the pipe to 4", the tapping saddle to 4", and use 4"x3" reducers at the gate valve or change the gate valve to 4"?	The DESIGNER has reported that DIP in sizes shown on STD C036 is available from certain suppliers.
19	300187.08.03 (Spec 3)	Detail C043 of the Standard Details calls for a 12"x12"x6" flange tee. Is it acceptable to use the 4"-12" restrained push-on joints specified in Section 15061, 2-2, or MJ/Megalug joints?	Please bid based on STD C043 as shown.
20	300187.08.03 (Spec 3)	STD M018 of the Standard Details calls out 3' pipe joint on either side of the butterfly valve. Is the intent of this joint to provided flexibility at the flanged joints and to minimize beam loading? Is 3 feet long enough to clear the concrete valve support shown in STD C033 of the Standard Details?	The intent of STD M018 of the Standard Details is to provide flexibility. The extent of the concrete supporting the valve in STD C033 of the Standard Details is not dimensioned beyond the length of the valve.
21	300187.08.03 (Spec 3)	Does Section 02704, Paragraph 1-2.02.7 require steel test bulkheads for ductile iron pipe (DIP)? Is it acceptable for the DIP supplier to provide standard DIP dished blind flanges with appropriate tapping for venting/filling in place of steel test bulkheads?	Refer to Note 3, STD M027 of the Standard Details.

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22	300187.08.03 (Spec 3)	Section 16640, Paragraph 2-3 calls for exothermic welds for electrical connections. Is it acceptable to use a brazing method to attach bonding wires to ductile iron pipe with EASY BOND Pin Brazing System?	Please bid based on detail and specification requirements.
23	300187.08.03 (Spec 3)	Are BIDDER's required to declare material suppliers as part of the BID?	Addendum 2 will clarify the definitions of Supplier and Subcontractor in Section 0700.
24	300187.08.03 (Spec 3)	Is it possible to gain access to Camp Roberts to take photos and to tour the pipeline alignment before the Bid date?	Contact CW2 Nick Dougal at 805-365-5083 at Camp Roberts to receive instructions on how to coordinate access onto Camp Roberts.
36	300187.08.03 (Spec 3)	Appendix D-1, Mitigation, Monitoring and Compensation Plan, Section 7.1 calls for the compensation of loss of San Joaquin Kit Fox habitat. Has this fee been paid for by the DISTRICT?	The San Joaquin Kit Fox habitat compensation fee will be paid by the DISTRICT.
37	300187.08.03 (Spec 3)	Section 01010, Paragraph 12 requires that UXO detection services shall be performed by a firm that is UXB International, Inc. or equal. What type of experience does a firm need to qualify as an equal to UXB International, Inc.? Is there additional information that can be provided describing the work, responsibilities and standards for removal, disposal, transportation, etc. of UXO?	This is addressed in Addendum No. 3.
50	300187.08.03 (Spec 3)	Section 02704, Paragraph 1-2.04 states that the test pressure shall be the difference between the test HGL and the centerline pipe elevation. In drawing G601, the test pressure appears to be the higher of the three HGL lines shown, with a maximum of approximately 280 psi. Section 15061, Paragraph 1-2 requires submittal of certification of suitability of application of Class 350 pipe at operating heads in excess of 800 ft. elevation. What does this requirement mean if pressures do not exceed 280 psi? Section 15061, Paragraph 2-2 requires 30"-36" fittings to be rated for 350 psi. Please clarify the maximum pressures expected.	Modification to Section 02704 will be incorporated in Addendum 2.

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51	300187.08.03 (Spec 3)	Is it possible to make a site visit of the Camp Roberts portion of the Spec 03 pipeline alignment before the Bid date?	See response to question 24.
52	300187.08.03 (Spec 3)	In reference to drawings CP-C164 and C1P-C165, the 36" pipe in 48" casing note and restrained joint designation note seem to conflict. Please provide clarification.	Modifications will be provided in Addendum 2.
53	300187.08.03 (Spec 3)	Should drawing C1P-C176 show ductile iron pipe through the part of the drawing that is horizontal directional drilled (HDD)?	Addendum 2 will make the modification as follows: Drawing CP-C176, Sheet 163 of 246. Modified information on the profile as shown on Sketch 300187.08.03-SK06.
54	300187.08.03 (Spec 3)	Should drawing C1P-184 show restrained joints for ductile iron pipe from station 1000+00 to 1002+50 as it shows for welded steel pipe?	Modifications will be provided in Addendum 2.
55	300187.08.03 (Spec 3)	Should drawings C1P-184 through C1P-C196 show restrained joint areas for ductile iron pipe?	No DIP is permitted in North River Road at stations referenced by these drawings due to DHS separation issues from other utilities.
56	300187.08.03 (Spec 3)	Should drawing C1P-C198 show restrained joints for the ductile iron pipe in the 48" casing similar to what is shown for welded steel pipe?	Modifications to drawing C1P-C198 will be incorporated in Addendum 2.
62	300187.08.03 (Spec 3)	Section 00100, Paragraph 6.1 states that the Bid Forms shall not be removed from the Contract Documents unless otherwise specified. Does this mean that the BIDDER must submit to the entire Part 1 of 4 Specification book, containing the Bid Forms, to the DISTRICT?	The DISTRICT interprets Section 00100, Paragraph 13.5 to mean that only the items specified in Section 00100, Paragraph 6.9 need to be submitted for the Bid.

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64	300187.08.03 (Spec 3)	Section 00700, Paragraph 14.3.D states that CONTRACTOR's will be paid 80% of the value of materials stored on site as long as the materials are individual items having a value greater than \$5,000. Ductile iron pipe often comes in 20-foot sections and will not meet the \$5,000 minimum value. Welded steel pipe often comes in 40-foot sections, with a value greater than \$5,000. This creates an unfair, non-performance related advantage for welded steel pipe. Will the DISTRICT consider revising this specification to allow all main pipe and fitting items to be included in the materials stored on site which qualify for 80% payment?	This will be addressed in a future addendum.
67	300187.08.03 (Spec 3)	Section 02312, Paragraph 3-5 states that the HDD Subcontractor shall provide, assemble and pre-test the product pipe. Is it mandatory that the HDD Subcontractor provide, assemble, and test the pipe or can this be done by the CONTRACTOR?	The intent of Section 02312, Paragraph 3-5 is to require pipe used for HDD operations to be assembled and pre-tested. It is the responsibility of the CONTRACTOR to make sure this specified requirement is met.
69	300187.08.03 (Spec 3)	Standard Details STD C037 and C048 call for concrete pads. Is any rebar required for these pads?	This is addressed in Addendum No. 3.
72	300187.08.03 (Spec 3)	Section 01061, Paragraph 8 states that excess backfill material from below the topsoil layer shall not be spread over any area of existing topsoil in the right-of-way. Section 02202, Paragraph 3-9 states that excess excavated materials may be disposed onsite, in areas that are neither paved nor landscaped, by spreading the material across the permanent easement width or right-of-way width as applicable. Which specification governs?	The intent of Section 01061, Paragraph 8 is compliance with the Project's environmental Mitigation Measures. Thus, Section 01061, Paragraph 8 governs in areas that are affected by the Mitigation Measures specified within the Section. Section 02202, Paragraph 3-9 governs in areas not affected by Mitigation Measures specified in Section 01061, Paragraph 8.

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73	300187.08.03 (Spec 3)	Section 01400, Paragraph 1.02 states that the CONTRACTOR shall pay for laboratory soil compaction testing as prescribed in the Specifications unless otherwise specified. Section 02202, Paragraph 2-2.01 states that in-place field density and moisture content tests will be at the expense of the DISTRICT. Please clarify.	Section 01400, Paragraph 1.02 provides a general list of tests that the CONTRACTOR shall pay for <i>unless otherwise specified</i> . Section 02202, Paragraph 2-2.01 specifies that the DISTRICT will pay for in-place field density and moisture content tests. Frequencies for in-place field density and moisture content tests are specified in Section 02202, Paragraph 2-2.02. These density and moisture content tests shall be paid for by the DISTRICT as specified.
74	300187.08.03 (Spec 3)	Section 01061, Paragraph 8 states that the CONTRACTOR shall remove, store and replace topsoil from all graded or excavated areas that support or could support vegetation. Does this apply to all areas except roadways?	This specification applies to all areas that can support vegetation within areas affected by the Mitigation Measures specified in Section 01061, Paragraph 8.
75	300187.08.03 (Spec 3)	Will the DISTRICT consider adding allowance Bid Items with assigned values for permits and unexploded ordinance location?	No. It's the responsibility of the CONTRACTOR to determine these costs.
76	300187.08.03 (Spec 3)	Will the DISTRICT allow BIDDER'S to schedule excavation of test holes to determine if native soils meet the requirements for trench backfill specifications?	No. Refer to the Test Pits section in the Geotechnical Data Report for native soil information.
89	300187.08.03 (Spec 3)	Section 15061, Paragraph 2-2 states that mechanical joint fittings are allowed in sizes 4" - 36". No mention is made as to how these mechanical joint fittings are to be restrained. Are wedge action type retainer glands allowable?	This is addressed in Addendum No. 3.
119	300187.08.03 (Spec 3)	Standard Detail STD C005A, Note 1 calls for 2" of temporary asphalt concrete paving to be placed over the trench area until permanent paving is completed. Is it acceptable to use maintained rotomilled asphalt in place of the temporary asphalt concrete paving?	The provisions for temporary paving will be addressed in the road encroachment permit conditions obtained from the applicable jurisdictions.
120	300187.08.03 (Spec 3)	Notes on the Drawings within Camp Roberts identify a 30-foot wide construction easement, which is not consistent with proximity to the Nacimiento River. Is the 30-foot easement only applicable when working immediately alongside Nacimiento River?	No. The construction easement limitations are shown on the Drawings and in the Drawing notes. Certain easement limitations reflect the permit condition requirements of the EIR.

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121	300187.08.03 (Spec 3)	Section 00700, Paragraph 5.2.L states that insurance will be required for environmental and asbestos abatement. Drawings CP-C164 indicates that hazardous materials will be encountered at the Highway 101 boring. Will costs for securing this insurance be paid for in Bid Item 13 and/or 14?	No.
123	300187.08.03 (Spec 3)	Section 00800, Paragraph SGC-4.5 states that CONTRACTOR is to collect samples from a representative number of agricultural parcels for pesticides and herbicides. Is the CONTRACTOR required to obtain a sample for each crop on every parcel or one crop per parcel? Should sampling be done at a maximum depth of 18 inches?	The BIDDER shall use judgement in estimating the sampling for bidding. The extent of sampling required of the CONTRACTOR will be discussed at the pre-construction conference.
124	300187.08.03 (Spec 3)	Section 00800, Paragraph SGC-6.2 provides hourly overtime rates for the DISTRICT's and ENGINEER's inspectors. Are these overtime rates applicable to applications outside the normal workshift (i.e. holidays, Sundays, hours worked in excess of 12 hours in a single day)?	The published overtime rates for the DISTRICT's or ENGINEER's inspectors are applicable for all overtime hours as defined in the Contract Documents and approved by the ENGINEER.
125	300187.08.03 (Spec 3)	Section 01010, Paragraph 12 states that all UXO items are to be turned over to Camp Roberts staff for disposal. Is the area to be turned over to Camp Roberts so that their staff will perform the actual removal?	This is addressed in Addendum No. 3.
126	300187.08.03 (Spec 3)	Section 01010, Paragraph 12 states that the entire temporary construction easement is to be surface cleared of UXO. Does this include paved roadways or can BIDDERS assume that the area beneath paved roadways was cleared prior to roadway construction?	It is not known that the paved roadway areas have been previously cleared of UXOs. Therefore any paved roadways within the temporary construction easement require a surface sweep for UXO.

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NO. ¹	CONTRACT NO.	QUESTION ²	ANSWER
127	300187.08.03 (Spec 3)	Drawings C1P-C184 and C1P-193 show entrance and exit pits for directional bores that appear to be located within the roadway. Is this correct? If it is correct, how should the CONTRACTOR handle extended road closures to perform the bores?	Drawing C1P-C184 refers to a casing installed by open cut methods in accordance with Caltrans encroachment permit 0506-NUX-0663. Drawing C1P-C193 refers to a casing under Niblick Road. Closure of the adjacent roadways to accommodate the bore pits must be coordinated with the City of Paso Robles. Detour routes are feasible at this location.
128	300187.08.03 (Spec 3)	Standard Detail STD CP020 is referenced on various Drawings and is missing from the Standard Details part of the Contract Documents. Please provide this Standard Detail.	This is addressed in Addendum No. 2, Item F1.
134	300187.08.03 (Spec 3)	Standard Detail STD C035M is called out in the Drawings, but is not included as part of the Standard Details. Please provide this detail.	This is addressed in Addendum No. 3.
135	300187.08.03 (Spec 3)	Drawings C1P-C184 through C1P-C196 (station 1003+00 to 1157+50) only show welded steel pipe. Can ductile iron pipe be used in this stretch of the pipeline?	No. Pipe with fully sealed joints is required within this stretch of the alignment.
136	300187.08.03 (Spec 3)	Section 15062, Paragraph 1-6 discusses the basis of design HGL and test pressure HGL for each Unit. In many cases the Drawings show a different pressure class than the calculated value using the HGL information provided in the Contract Documents. Do the Drawings control the design?	Yes.
137	300187.08.03 (Spec 3)	Section 02313, Paragraph 2-2.01 states the minimum thickness for the casing pipe is shown in the Drawings. Where is it shown and what is the minimum thickness?	Casing thicknesses are defined in the jurisdictional encroachment permits for each location. For example, the casing thickness for a casing under a Caltrans facility is specified in Section UG-1, "Casings," of the Caltrans Encroachment Permit Underground Utility Provisions, located in Appendix C of the Contract Documents.
139	300187.08.03 (Spec 3)	What is the steel cylinder thickness for the 36" alternative for the HDD pipe?	BIDDER shall compute the minimum thickness per Section 02312, Paragraphs 1-6.03 and 1-6.05 (revised in Addendum No. 3), and shall be no less than that shown for the 30" HDD pipe.

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140	300187.08.03 (Spec 3)	Section 00400, "Bid Forms," show Bid Items and quantities. Bid Items 6, 9, 10, and 11 do not seem correct. Will the DISTRICT provide station numbers for each Bid Item?	No. Bid Item quantities are addressed in Addendum No. 3.
143	300187.08.03 (Spec 3)	Addendum No. 2 provided for an allowance for repair of the West Perimeter Road in Camp Roberts. Is Boy Scout Road also included in this allowance?	No.
148	300187.08.03 (Spec 3)	What is the required thickness of the Powercrete coating and lining on the HDD pipe?	BIDDERS shall base their Bids on the following requirements: Pipe Lining (Interior) is required to have a minimum total thickness of 80 mils (3-coat application). Pipe Coating (Exterior) is required to have a minimum total thickness of 80 mils (3-coat application)
158	300187.08.03 (Spec 3)	Appendix D-1, "Mitigation, Monitoring, and Compensation Plan, November 2006," Page 7, lists seven reports that are supposed to be included in this Plan as appendices. These reports include: Compensatory Mitigation Plan, Vegetation Restoration Plan, Biology Education Program, Vegetation Replacement/Restoration Plan, Oak Tree and Woodland Mitigation Plan, Oak Woodland Restoration Plan, and Agriculture Noxious Weed Control Plan. These reports are missing from the appendices. Please include them.	<p>The details of the reports listed in Appendix D-1 and missing from the appendices of the "Mitigation, Monitoring, and Compensation Plan" are captured in Section 01061. The missing reports will be provided as part of the conformed Contract Documents. Until then, the reports can be accessed at the following website: http://www.slocounty.ca.gov/PW/NacWP/reports.htm</p> <p>Please note the following: the Compensatory Mitigation Plan was not prepared, but included as part of the Mitigation, Monitoring and Compensation Plan; the Vegetation Restoration Plan and the Vegetation Replacement/Restoration Plan were combined as one report; and the Oak Tree and Woodland Mitigation Plan and Oak Woodland Restoration Plan were combined as one report.</p>
161	300187.08.03 (Spec 3)	Section 16640, Paragraph 3-2.01 calls for a CIB-380 or equal utility marker with PI-144 and ETS-238 decals, or equal. Carsonite CIB-380 does not work with ETS-238 or equal decals. What type of decal will be acceptable?	This response is pending.
162	300187.08.03 (Spec 3)	Section 00700, Article 1 (revised in Addendum No. 2) states that a Supplier is a Subcontractor. Was the intent of this revision to require Suppliers to meet the same requirements as Subcontractors, such as requirements for insurance and prevailing wages?	No.

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163	300187.08.03 (Spec 3)	The response to BIDDER Question No. 152 states that the BIDDER shall prepare his Bid based on the Contract Documents, with regards to the requirement to hydrostatically test all ductile iron fittings for the Project to 1.5 times the rated working pressure. There is no reasonable method to perform this laborious and expensive testing. The requirement also seems contrary to discussions which took place in the contractor workshops and pre-bid meeting. Will the DISTRICT consider a sample testing of ductile iron fittings where one fitting is tested for each diameter provided?	<p>The DISTRICT has re-reviewed the requirement in Section 15061, Paragraph 2-2 that calls for all ductile iron fittings be subjected to a factory pressure and leakage test, and provides the following instruction to BIDDERS for the basis of bidding:</p> <p>Shop testing of all ductile iron fittings is <u>not</u> required, rather each size and type of fitting shall be designed and proof-tested to satisfy the requirements specified in AWWA C153, Section 5.5, Performance Requirements.</p>
167	300187.08.03 (Spec 3)	Please verify that Suppliers are to be listed on Bid Form, Section 00430, "List of Subcontractors.	<p>Please comply with Section 00100, Article 10.2, regarding the requirement to list material Suppliers <u>and</u> Subcontractors on the Bid Form, "List of Subcontractors," Section 00430. Also refer to Addendum No. 2, in which the definitions of Supplier and Subcontractor were revised to further clarify the requirement to include material Suppliers and equipment Suppliers to the "List of Subcontractors" form.</p> <p>The DISTRICT's intent is to understand the source of supply of materials and equipment that will be used on or in the WORK. The DISTRICT suggests that the BIDDER provide an indication that clarifies the difference between Suppliers and Subcontractors on the "List of Subcontractors" form by marking "(Supplier)" or "(Subcontractor)" next to the company name listed on the form.</p>

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168	300187.08.03 (Spec 3)	Section 01050, Paragraph 6 requires the CONTRACTOR to set a survey monument directly over the pipeline at each property line. What is the intent of this requirement? Is a record of survey required to be filed for the locations of these monuments?	<p>The intent of this requirement is to enable the DISTRICT to locate pipeline easements in the future. Monuments will be required at the crossing of the property line where the pipeline enters and exits a private parcel. In locations where the pipeline passes through contiguous parcels, monuments will be required at the property line where the pipeline enters the first private parcel and at the property line where it exits the last private parcel, unless the distance between the two monuments exceeds 5,000 feet. If said distance exceeds 5,000 feet, intermittent monuments shall be placed at the crossing of private parcel property lines to ensure that the total distance between two monuments does not exceed 5,000 feet.</p> <p>A record of survey <u>is</u> required to be filed with the County of San Luis Obispo Public Works Department for the locations of pipeline survey monuments.</p>
34	300187.08.04 (Spec 4)	Drawing C219 and C220 calls out either welded steel pipe as Class 200 or ductile iron pipe as Class 250. Should the ductile iron pipe be listed as Class 200 on these drawings?	The drawings will be revised accordingly in Addendum 2.
65	300187.08.04 (Spec 4)	Why is there only one 24" butterfly valve in 58,000 feet of pipe?	Please bid based on the Contract Documents.
70	300187.08.04 (Spec 4)	Where is the geotechnical data for the following HDD crossings: Unit T2, Unit T4, and Unit T6?	The information is provided in the Geotechnical Interpretive Report, Section 5.2.4, including the referenced existing data located in Appendix E of the Geotechnical Data Report.
77	300187.08.04 (Spec 4)	Section 00020 requires BIDDERS to satisfy themselves by personal examination of the location of the proposed Project. Will BIDDER'S be allowed to examine portions of the pipeline alignment on private property?	BIDDER'S will not be allowed onto private property to examine pipeline alignment locations. The following locations may be available for BIDDER examination by contacting the listed contact: Camp Roberts - Nick Dougal (805-238-8737), Paso Robles Turnout (Unit T2) - Doug Monn (805-237-3861), Templeton CSD Turnout (Unit T4) - Katherine Boxer (805-434-4900), and Atascadero Mutual Water Company Turnout (Unit T6) - John Neil (805-461-7217).
78	300187.08.04 (Spec 4)	Pipeline plan and profile Drawings call out "C/L EL" in the profiles. Does this callout refer to the elevation at pipe invert or center of pipe?	Refer to General Note No. 4 on Drawing G002.

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NO. ¹	CONTRACT NO.	QUESTION ²	ANSWER
79	300187.08.04 (Spec 4)	What are the asphalt and aggregate base replacement thicknesses for Vaquero Drive, Templeton Road, El Pomar Drive, and Rocky Canyon Road?	This is addressed in Addendum No. 4.
80	300187.08.04 (Spec 4)	Draft encroachment permits for the County of San Luis Obispo Department of Public Works are included in Appendix C. Rocky Canyon Road is not included amongst the draft permits. Is Rocky Canyon Road under County jurisdiction?	Yes, Rocky Canyon Road is under jurisdiction of the County of San Luis Obispo.
81	300187.08.04 (Spec 4)	Draft encroachment permits for the County of San Luis Obispo Department of Public Works are included in Appendix C. These permits state that El Pomar Drive shall have one lane open at all times. May other roads be closed during working hours?	Refer to Section 01060, Paragraph 1.2.3 and the Traffic Control Drawings.
82	300187.08.04 (Spec 4)	When will Drawings T2-C101, T2-E101, T2-E601, T2-I601, T4-C101 T4-E101, T4-E601, T4-I601, T6-C101, T6-E101, T6-E601, T6-I601 be available?	These Drawings are available as part of Addendum No. 2.
84	300187.08.04 (Spec 4)	What are the asphalt and aggregate base replacement thicknesses for Vaquero Drive, Templeton Road, El Pomar Drive, and Rocky Canyon Road, and Santa Ysabel Road?	This is addressed in Addendum No. 4.
133	300187.08.04 (Spec 4)	Section 00700, Paragraph 14.3.D states that CONTRACTOR's will be paid 80 percent of the value of materials stored on site as long as the materials are individual items having a value greater than \$5,000. An individual ductile iron pipe joint, fitting, and gate valve will not meet the minimum value. Please consider revising this specification to allow pipe, fittings, gate valves, airvac's, pump outs, aggregates, fences, and all other materials stored on site to qualify for 80 percent payment.	This is addressed in Addendum No. 4.
144	300187.08.04 (Spec 4)	Is the CONTRACTOR required to hydroseed disturbed right-of-way on either side of existing paved roads?	The CONTRACTOR is required to hydroseed disturbed slopes within the right-of-way and outside of paved roadways and shoulders.

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145	300187.08.04 (Spec 4)	Standard Detail STD C005 shows minimum trench width to be the pipe outside diameter plus 18 inches on both sides of the pipe. San Luis Obispo County Department of Public Works Standard Drawing U-4, "Trench Detail," shows a minimum trench width to be the pipe outside diameter plus 8 inches on either side of the pipe. Which detail governs?	For establishing the trench width, use STD C005 and Specification Section 02202. The requirements shown on San Luis Obispo County Department of Public Works Standard Drawing U-4 apply to the trench backfill material, placement and compaction, and the pavement restoration.
146	300187.08.04 (Spec 4)	In reference to BIDDER Question No. 93: will the pending builder's risk insurance provide coverages for flood and earthquake?	BIDDERS should assume that builder's risk insurance provided by the DISTRICT will <u>not</u> cover floods and earthquakes.
170	300187.08.04 (Spec 4)	Appendix C contains draft encroachment permits for the County of San Luis Obispo Public Works Department. These permits state that no seams shall be allowed in a wheel track and that the entire width of the roadway shall be repaved wherever 60% of the traveled way is damaged by pipeline construction. Since it is difficult to determine pipeline location within the roadway by examination of the Drawings, please clarify the following questions: 1. Will the CONTRACTOR be required to repave the entire roadway if the damaged area is increased beyond 60% of the roadway because the CONTRACTOR makes a second cut to make sure that the seam is not in the wheel track? 2. If the CONTRACTOR is required to repave, will the County require an overlay or a full-depth replacement? 3. What is the County's definition of wheel track?	Answers are as follows: 1. The CONTRACTOR is required to repave the entire roadway if the damaged area is increased beyond more than 60% due to trenching efforts. Restoration efforts will not be counted as damaged area. Adjusting a cut to move the seam out of the wheel track is considered a restoration effort. 2. The County will accept either a full-depth replacement or a grind and overlay. 3. The County does not have a rigid definition of wheel track. A general rule of thumb is 3 feet and 9 feet from the road centerline for a 12-foot lane, however, the wheel track will be determined on a case-by-case basis.

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177	300187.08.04 (Spec 4)	Please verify that Suppliers are to be listed on Bid Form, Section 00430, "List of Subcontractors."	<p>Please comply with Section 00100, Article 10.2, regarding the requirement to list material Suppliers <u>and</u> Subcontractors on the Bid Form, "List of Subcontractors," Section 00430. Also refer to Addendum No. 2, in which the definitions of Supplier and Subcontractor were revised to further clarify the requirement to include material Suppliers and equipment Suppliers to the "List of Subcontractors" form.</p> <p>The DISTRICT's intent is to understand the source of supply of materials and equipment that will be used on or in the WORK. The DISTRICT suggests that the BIDDER provide an indication that clarifies the difference between Suppliers and Subcontractors on the "List of Subcontractors" form by marking "(Supplier)" or "(Subcontractor)" next to the company name listed on the form.</p>
179	300187.08.04 (Spec 4)	Does the Schedule of Bid Items for Templeton Road Realignment, Section 00401, need to be turned in with the Bid?	Refer to Addendum 1, Item A.3.
180	300187.08.04 (Spec 4)	The Drawings refer to the Templeton Road Realignment Drawings. Where are these drawings located?	Refer to Addendum 1, Appendix G.
182	300187.08.04 (Spec 4)	Appendix F, NWP Tree Report, refers to a fourth Addendum. Does Addendum No. 4 exist?	No. There are three Addenda for Spec 4.
178	300187.08.05 (Spec 5)	Please verify that Suppliers are to be listed on Bid Form, Section 00430, "List of Subcontractors."	<p>Please comply with Section 00100, Article 10.2, regarding the requirement to list material Suppliers <u>and</u> Subcontractors on the Bid Form, "List of Subcontractors," Section 00430. Also refer to Addendum No. 2, in which the definitions of Supplier and Subcontractor were revised to further clarify the requirement to include material Suppliers and equipment Suppliers to the "List of Subcontractors" form.</p> <p>The DISTRICT's intent is to understand the source of supply of materials and equipment that will be used on or in the WORK. The DISTRICT suggests that the BIDDER provide an indication that clarifies the difference between Suppliers and Subcontractors on the "List of Subcontractors" form by marking "(Supplier)" or "(Subcontractor)" next to the company name listed on the form.</p>

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186	300187.08.05 (Spec 5)	Section 15061, Paragraph 2-2 (revised in Addendum No. 3) specifies Mechanical Joints and Restrained Mechanical Joints. Are ANSI/AWWA ductile iron fittings acceptable joint fittings in both restrained and unrestrained areas?	Please Bid according to the Contract Documents. This question may be addressed after the Notice to Proceed under the provisions specified for the Value Engineering Incentive in Section 00700, Paragraph 11.7.
30	<u>All Specs</u> 300187.08.01 (Spec 1) 300187.08.02 (Spec 2) 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Section 00430, List of Subcontractors does not specifically mention the listing of manufacturer or supplier. Please add a separate sheet for "pipe supplier" to clarify pipe manufacturer.	See answer number 23.
92	<u>All Specs</u> 300187.08.01 (Spec 1) 300187.08.02 (Spec 2) 300187.08.03 (Spec3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Section 00700, Paragraph 5.2.B states that the DISTRICT reserves the right to require higher limits for specific exposures. Should the BIDDER assume that if the DISTRICT increases the limits, the CONTRACTOR will be compensated by way of a Change Order?	If DISTRICT makes a change, the change process will be utilized.
93	<u>All Specs</u> 300187.08.01 (Spec 1) 300187.08.02 (Spec 2) 300187.08.03 (Spec3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Section 00700, Paragraph 5.2.P states that the DISTRICT will provide a Builder's Risk Insurance policy for the project. Will this policy provide coverages for a flood and/or earthquake? Please provide a copy of the policy.	The Builder's Risk policy will be in place at the time of Notice to Proceed. The Policy is still pending DISTRICT review.

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94	<p><u>All Specs</u> 300187.08.01 (Spec 1) 300187.08.02 (Spec 2) 300187.08.03 (Spec3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)</p>	<p>Section 00700, Paragraph 6.6.A states that the CONTRACTOR shall pay all governmental charges and inspection fees. What kinds of governmental charges and inspection fees will the CONTRACTOR need to pay.</p>	<p>Permit requirements are specified in the Contract Documents. BIDDER is responsible to ascertain all the costs of permits and CONTRACTOR shall pay for the permits.</p>
97	<p><u>All Specs</u> 300187.08.01 (Spec 1) 300187.08.02 (Spec 2) 300187.08.03 (Spec3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)</p>	<p>Section 01061, Paragraph 6, states that the CONTRACTOR is to provide an Environmental Manager/Coordinator (EMC). What qualifications will this EMC need to have and will this person need to be on site full time?</p>	<p>The EMC shall be a point of contact for the DISTRICT's Environmental Monitors working for the ENGINEER. The EMC must take direction, understand environmental issues, and convey information to the CONTRACTOR's workforce. This point of contact shall be available during the WORK.</p>
100	<p><u>All Specs</u> 300187.08.01 (Spec 1) 300187.08.02 (Spec 2) 300187.08.03 (Spec3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)</p>	<p>Section 01311, Paragraph 2.2 states that work on holidays is not permitted. Please provide a list of non work holidays.</p>	<p>The following days are considered holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day (Thursday and Friday), and Christmas Day.</p>

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101	<u>All Specs</u> 300187.08.01 (Spec 1) 300187.08.02 (Spec 2) 300187.08.03 (Spec3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Section 01400, Paragraph 1 requires the CONTRACTOR to provide an independent testing laboratory with experienced technicians. Is this laboratory only for the testing the CONTRACTOR is required to perform, or will it also be for the testing the ENGINEER will be performing? Is this laboratory required to be onsite?	The Contract Documents presents the CONTRACTOR's and ENGINEER's responsibilities correctly. The CONTRACTOR can decide the location of his independent laboratory.
112	<u>All Specs</u> 300187.08.01 (Spec 1) 300187.08.02 (Spec 2) 300187.08.03 (Spec3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Is there a DBE/DVBE/SBE goal set for all phases of the Nacimiento Water Project?	No.
26	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Section 01500, Paragraph 10 calls for temporary chain link security fencing topped with barbed wire to be installed around the perimeter of the construction site and access road. Does this requirement include the pipe alignment or just the temporary office facilities?	The fencing requirement in Section 01500, Paragraph 10 is for temporary office, work staging and concentrated work areas. Temporary fencing along the pipeline is not required except for traffic control and safety requirements, or where required on open ranch lands per requirements specified within Appendix B.
27	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Please define specific duties, responsibilities and expectations of a field service rep.	Refer to Section 01620, "Manufacturer's Field Services."

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28	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Section 15061, Paragraph 1-1.01 requires the ductile iron pipe manufacturer to have ISO 9001:2000 registration. What is this?	Requirements for registration or certification of the manufacturer's quality control program can be obtained directly from ISO or one of the many vendors who facilitate establishment of such quality control programs.
29	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Section 15061, Paragraph 1-1.02 calls for the pipe manufacturer to prepare and submit an emergency repair manual. This would require duplicate work since field repair situations are already addressed in submittal and brochure information. Can this requirement be deleted from the Specifications?	Please comply with this requirement.
31	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Section 15061, Paragraph 1-2 requires submittal of certified copies of chemical test results as outlined in ANSI/AWWA C151 for materials to be provided. No chemical test results are defined or required by AWWA. Can this requirement be removed from the Specifications?	This requirement will be evaluated after NTP and be waived if deemed appropriate at that time.
32	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Section 15061, Paragraph 1-2 requires submittal of certification of suitability of Class 350 pipe at operating heads in excess of 800 feet. Should this be revised to require submittal of certification suitability of Class 350 pipe <u>and restrained joint system</u> , at operating heads in excess of 800 feet?	Section 15061 will be amended in Addendum 2.
33	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Section 15061, Paragraph 1-2 requires the submittal of a written statement from the gasket material manufacturer certifying that the gasket materials are compatible with the joints specified and recommended for the specified field test pressures and service conditions. This seems redundant since, gasket manufacturers make gaskets to the pipe manufacturers specifications. Can this requirement be removed from the Specifications?	Please comply with this specification.

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35	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Can Flange Tyte gaskets be added to Section 15061, Paragraph 2-2 as an approved equal?	This shall be addressed after NTP under the provisions for "Proposed Substitutes or Or-Equal Items" in Section 01600.
61	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	STD M027 of the Standard Details calls for a DIP test bulkhead. Should this be replaced with "ductile iron cap, plug or blind flange with (2) 3" taps - one at 12 o'clock and one at 6 o'clock?	BIDDER's shall submit Bids based on the detail as-is. Proposed modifications to the detail can be considered after award of the contract.
66	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Can a general contractor who did not attend the the mandatory pre-bid conference, held on June 5, 2007, still Bid on the pipeline portions of the Project?	No. Refer to Section 00020, "Instruction to BIDDER'S."
71	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Is it anticipated that Bid dates for the three pipeline contracts might be postponed?	No.
83	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Section 02512 includes San Luis Obispo County Department of Public Works Standard Detail R-4a, "Trench Repair." If the sawcut edges of the trench are maintained in good condition, can Step 3 of the paving repair procedure be omitted?	No.

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NO. ¹	CONTRACT NO.	QUESTION ²	ANSWER
87	<p><u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)</p>	<p>The Recommended Pipeline Design Parameters presented in the geotechnical reports states that friction between PVC-wrapped ductile iron pipe and granular pipe embedment can be ignored. This assumption can result in the calculation of considerable restrained joint lengths. Given the installation conditions and test pressures for this Project, the restrained joint lengths calculated for ductile iron pipe appear far in excess of conservative and proven practice. Was friction between PVC-wrapped ductile iron pipe and granular pipe embedment ignored?</p>	<p>This may be addressed after the Notice to Proceed under the provisions specified for the Value Engineering Incentive in Section 00700, Paragraph 11.7.</p>
141	<p><u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)</p>	<p>Drawing TC-101, General Note 4 states that no work may begin prior 9:00 am or continue after 3:00 pm: 1) Does this apply within Camp Roberts?</p> <p>Other notes specific to the traffic control in Camp Roberts say we must hold traffic no more than 15 minutes but do not discuss restricted work hours: 2) Does this apply where detours are available? 3) Does this apply where the roads are under a temporary closure? 4) Can the temporary closures remain up 24 hours per day or are they only for the hours referenced in Note 4?</p> <p>In accordance with Addendum No. 2 of Spec 03, all of the casings are to be installed via the trenchless method: 5) Do the work hours apply to these as well? 6) Does "work" include setting/removing traffic control?</p>	<p>1) No. 2) No. Camp Roberts has indicated that traffic can be detoured. 3) No. This does not apply at Camp Roberts. The conditions of any encroachment permit must be complied with. 4) This will be determined by the conditions of the encroachment permits on a road by road basis. 5) Where trenchless methods require encroachment permits, the conditions of the encroachment permits will apply. 6) The requirements for traffic control devices will be defined in the conditions of encroachment permits.</p>

¹ Identification numbers are not sequential

² The DISTRICT rephrases questions for clarity and consistency.

NOTICE: The Contract Documents govern. Responses are for information only and are not part of the Contract Documents.

NO. ¹	CONTRACT NO.	QUESTION ²	ANSWER
151	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Section 15061, Paragraph 2-2 specifies ductile iron fittings as either ANSI/AWWA C110/A21.10 or ANSI/AWWA C153/A21.53 with reference to sizes 30-36 inches at a minimum working pressure rating of 350 psi. Both AWWA specs call for pipe sizes of 30-36 inches to be 250 psi. AWWA C153 for pipe sizes of 30-36 inches are rated at 250 psi plus 100 psi surge. Are these ductile iron fittings acceptable?	Ductile iron fittings rated by the manufacturer for 250 psi may be furnished where the operating pressure is less than 250 psi. Ductile iron fittings rated by the manufacturer for 350 psi are required at any fitting where the operating pressure exceeds 250 psi.
152	<u>Pipeline Specs</u> 300187.08.03 (Spec 3) 300187.08.04 (Spec 4) 300187.08.05 (Spec 5)	Section 15061, Paragraph 2-2 requires ductile iron pipe fittings to be factory hydro-tested at 1.5 times the rated working pressure. Fittings designed per AWWA C110 and C153, as specified in this Paragraph, have 3 to 1 design safety factor. This requirement seems expensive and unnecessary, impacting competitiveness without adding value. Will the DISTRICT consider eliminating this requirement?	<p>THIS RESPONSE HAS BEEN REVISED AS OF JULY 17, 2007. PLEASE SEE RESPONSE TO BIDDER QUESTION NO. 163.</p> <p>Please Bid this in accordance to the Contract Documents.</p>

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