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PPI #	Question Date	RFP Section/ Page/Paragraph	Question	Government Response	Change RFP (Y/N)	Amend #
1	20-May-15		Can a list of the prime bidders selected to proceed to phase 2 be provided to all prime bidders?	A list of the selected offerors will not be provided, however, the Plan Holder List on NECO may have a list. Additionally, the Pre-Proposal Conference Attendance Roster will be posted with Amendment 0002.	N	NA
2	20-May-15		This project is a little different than the majority of the federal design build projects in that typically a 35% drawing is provided w/ certain distinct solutions for design requirements. This project (as it was stated explicitly at the prebid) will require extensive design and modeling work on the front end of the project. Would the Gov consider providing a stipend to all unsuccessful offerors that submit on Phase 2 to compensate for design work? We have seen this process used on various other federal 2 phase rfp design build projects with similar requirements.	Unsuccessful offerors will not be compensated for design work.	N	NA
3	20-May-15		Can the bid submission time be extended by a minimum of 30 days? The extensive modeling required will be difficult to complete in the current window let alone design and pricing.	The Government granted a 30 day time extension. New submittal date is August 11, 2015.	Y	#3
4	20-May-15		Would the Government consider amending the past performance criteria of the \$10M single project potable water projects?	At this time, the past performance criteria is not changing. If it is changed, it will be posted in an amendment and uploaded to NECO.	N	NA
5	1-Jun-15	SF 1442 Page 1 of 75 (section 13 line a )	It was discussed at the walk thru meeting that the government would consider granting additional time to complete the proposal if the contractors felt this was necessary. Please consider granting a 45 day extension in order to give all respondents adequate time to complete all required modeling, initial design, pricing, site investigation, and all other task related to presenting government with the best possible proposal.	See response to Question #3.	Y	#3
6	1-Jun-15	General	Please consider a request for a bid extension of one month.	See response to Question #3.	Y	#3
7	1-Jun-15	Part 6	The model files provided in Part 6 of the RFP were created in KYPipe software. This software is not widely used. Please provide files for use with Innovyze or WaterGEMS by Bentley.	Confirmed. Model input/output files are not included in the page count.	N	NA
8	1-Jun-15		We would like to request a two-week extension, with a proposed new due date of July 23, 2015.	See response to Question #3.	Y	#3
9	1-Jun-15	Pages 18 and 19 of 75 of RFP N69450-15-R-1605; (B) Phase Two Non-Cost/Price Evaluation Factors (1) Factor 5, Technical Solution - Domestic Potable Water Distribution and Flighline non-potable water main Criterion B Model and Information	Please confirm that the Model Input / Output files are <b>not</b> included in the page count. Hydraulic models typically run multiple pages. May the model input/output files be appended to the proposal?	Confirmed. Model input/output files are not included in the page count.	N	NA

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10	1-Jun-15	Pages 18 and 19 of 75 of RFP N69450-15-R-1605: (B) Phase Two Non-Cost/Price Evaluation Factors (1) Factor 5, Technical Solution -	Please confirm that the Schedule is <b>not</b> included in the 20-page limitation for the two subsections. To adequately show the durations and sequencing, we believe the schedule will be at least 2 pages for Domestic Potable Water and 2 pages for Flightline Non-Potable.	Confirmed. Schedule is not included in page limitation.	N	NA
11	1-Jun-15	Pages 18 and 19 of 75 of RFP N69450-15-R-1605: (B) Phase Two Non-Cost/Price Evaluation Factors (1) Factor 5, Technical Solution -	May we include one schedule for the full 572 days rather than breaking the schedule out by Domestic Potable Water and Flightline Non-Potable Water? There will be overlap in the schedule, and we believe it will be easier for the reviewers.	One consolidated schedule for all work is acceptable.	N	NA
12	1-Jun-15	Pages 18 & 19 - Schematic Design	Please confirm that the schematic design / diagrams files are not included in the page count. How many pages are we limited to for the schematic design / diagrams? Typically, the number of diagrams/schematics are limited and are <b>in addition</b> to the page limited portion of the narrative.	Confirmed, schematic design/diagrams not included in page count. Page limit for schematic design/diagrams is 15 pages.	Y	#4
13	1-Jun-15	Price Proposal -- Volume 1 of 2, Page 7 of 21, item 14	Paragraph 14. <b>Schedule of Prices</b> indicates that forms will be furnished by the Government. The only price form we have seen is Section 00010 - Solicitation Contract Form, and the RFP for Phase 2 does not indicate where that should be included, and where the additional breakdown pricing requested in Paragraph 14 is to be included in the proposal. Please provide.	Schedule of Prices is a post award requirement. Contractor is to use form furnished in Section 00010- Solicitation Contract Form to submit their price proposal.	N	NA
14	1-Jun-15	Part 3, Section D4010, Page 14 of 31	Part 3, Section D4010, Page 14 of 31, states: "Provide a fire alarm system in the new fire protection pump house. The system shall include an addressable Monaco FACP/radio transmitter, notification devices, manual pull stations, smoke detectors, and supervision of the sprinkler system and fire pumps." It is our experience with Monaco FACPs do not meet the operational needs of the DoD requirements. UFC 3-600-01 now requires voice notification for all fire alarm systems. The Monaco panels are not designed to this standard and require a separate voice panel be added to the system. Is it acceptable to provide an alternate brand of fire alarm control panel that is capable of voice messaging and is equipped with a Monaco transmitter that will work with the existing basewide fire alarm reporting system?	Follow RFP requirements. Mass notification system not required.	N	NA
15	1-Jun-15	Part 2, Section D4010, Page 14 of 31	UFC 3-600-01 does not require smoke detector, please confirm that smoke detection is not required throughout the pump house.	Provide smoke detector per RFP, Section 4010.	N	NA
16	1-Jun-15	Part 2, Section D4020, Page 15 of 31 and Part 3, Section G301002 Page 25 of 31	There appears to be a conflict between Section D4020 and Section G 301002. D4020 calls for 12", 14" and 20" CPVC fire mains. Section G 301002 calls for all pipe sections greater than 12" to be ductile iron. Which section takes precedent?	ESR D4020 FIRE SUPPRESSION WATER SUPPLY AND EQUIPMENT and ESR G301002 WATER DISTRIBUTION PIPING: Water mains deeper than 10 feet or larger than 12 inches in diameter shall be C905 DR18 with a pressure rating of 235PSI with mechanically restrained joints.	Y	#4

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17	1-Jun-15	Part 3, Section G4030, Page 31 or 31	How does the fiber optic cabling for fire protection control systems link to the system wide site communication and security? Is it intended to operate the fire pumps remotely?	There is no fiber optic cabling required. No remote operation of fire pumps required. (Amendment is forthcoming.)	Y	#4
18	1-Jun-15	N69450-15-R-1605 SF2_Water_Study_Nar rative	Do you want the new pumps tied into the ECMS basewide remote control and monitoring system? If so, what are the requirements?	No ECMS tie is required in RFP.	N	NA
19	1-Jun-15	Part 3, Section 1.3 MINIMUM PERFORMANCE REQUIREMENTS, Fourth Bullet (page 3 of 31)	In order to update the hydraulic model, please provide the terms of the Customer Agreements with the Belle Chasse Water District (BCWD) in terms of quantity (average day, maximum day, and peak hour), as well as the firm pressure commitments (minimum and maximum) of water flow provided by the BCWD.	BCWD shall have 700 gallons per minute of water available at any time at the point of delivery at a pressure of not less than 40 pounds per square inch gauge for not less than 90 continuous minutes. (Added to Part 6. Attachments - Attachment I - Water Service Specifications)	Y	#4
20	1-Jun-15	Part 3, Section 1.3 MINIMUM PERFORMANCE REQUIREMENTS, Fourth Bullet (page 3 of 31)	Will the current and proposed Belle Chasse Water District upgrades to the treatment plant affect the guaranteed minimum chlorine residual identified?	No.	N	NA
21	1-Jun-15	Volume 1 of 2, Small Project Part 2, Page 9 of 21, Item 18	Please confirm there are no specific Federal Permits required. We understand we are responsible for NPDES, local and state permits as required. The PROD referred to with a list was not found.	Confirmed. No specific Federal Permits required at this time.	N	NA
22	1-Jun-15	Volume 2 of 2, Small Project Part 3, Page 9 of 31, Item 3.7	We note that the sixty day residual chlorine testing for domestic potable water is shown to be June 1-Sept 30, with the system ready for testing by August 1, 2016. Given that the anticipated NTP must slip, as the proposal is not due until 9 July 2015, may the testing begin at times other than August 1, 2016?	No change to RFP.	N	NA
23	1-Jun-15	Prebid Meeting Comment, and Small Project Part 2, Attachment A, Page 2 of 6	During the PreProposal Meeting, it was noted that construction may not begin until plans are 100% approved. Page 2 of 6 in Attachment A indicates that the final design must be sealed by the DOR. Item 1a of Attachment A indicates that separate design packages will be considered for Government review and approval during the Post Award Kick-Off Meeting. To facilitate the schedule requirements, we would like to propose multiple Critical Design Packages as defined by NAVFAC Design-Build and the Design-Build Institute of America during our proposal rather than waiting until the Post Award Kick-off Meeting. Is this acceptable?	Yes, critical path submittals are acceptable; however, any additional review meetings/travel to support additional submittals will be at no additional cost to the Government.	N	NA

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24	1-Jun-15	Part 4, Section 4020, page 11 of 22	The RFP requires the Fire Protection DOR to conduct a flow test to validate the available water supply when designing the sprinkler system for the fire pump house. Since we are replacing the pumps that will provide water to this sprinkler system under this project, please confirm that this flow test is not necessary. Using flow data from tests performed on the existing system would result in inaccurate design data.	Confirmed. Flow test not necessary.	N	NA
25	1-Jun-15	Fire Flow Demands Fire_Protection _ Calculations page 32	Are we to assume that the Fire Protection Calculations provided in the PDF are to be the basis for the demands?	Yes.	N	NA
26	1-Jun-15	Fire Flow Demands Fire_Protection _ Calculations page 50	Please provide the space allowances in the existing pump house footprint so can calculate the replacement strategy to be compliant with UFC 3-600-01	Follow NFPA guidelines for pump space allowances.	N	NA
27	1-Jun-15	Fire Flow Demands	It is typically considered advisable to conduct a Surge Analysis as part of the design. Is NAVFAC expecting that the Offeror conduct the Surge Analysis during preparation of the proposal?	Yes, provide surge analysis.	Y	#4
28	9-Jun-15	General	Can record drawings be provided for the Electrical Feeder project?	As built will be provided as needed for design effort after award.	N	NA
29	9-Jun-15	General	Are record drawings available for the SCADA panel located in the Electrical Building? Is it intended that the SCADA panel will be reused and relocated to the pump building?	SCADA panel should be reused and relocated. No drawings available at this time.	N	NA
30	12-Jun-15	Small Project Part 3, Page 21 of 31, Section D53001	Telecommunications Systems requires project to provide a telecommunications system. Connection points must be coordinated with the base. Where is the project expected to tie into the base's communications system?	Point of connection map provided in Part 6, Attachments. Telecommunications copper cable will be tied in from the pas-mounted Cross-Connection Box located on the corner of RADM Fowler Street and Russell Ave. Infrastructure required includes two 4-inch SCH 80 conduit installed from Point of Connection to demarcation point in facility. Provide one 25-pair 24 AWG copper cable in one of the 4-inch conduits.	Y	#4

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31	12-Jun-15	Small Project Part 3, Page 17 of 31, Section D50	Section D50 states "Power distribution shall include extension of primary power from an existing pad-mounted SF6 switch..." Small Project part 3, page 28 of 31, section G40 site electrical utilities states "Power distribution shall include the extension of primary power to a new pad-mounted SF6 switch..." Is the project to use the existing SF6 switch or provide a new SF6 switch?	Project will utilize the existing VF1 switch, and no new SF6 is required.	Y	#5
32	12-Jun-15	Small Project Part 3 page 29 of 31 Section G4010	section G4010 Electrical Distribution states "The available fault current at the point of connection shall be assumed to be an infinite bus." Small project Part 3 page 18 of 31 requires multiple electrical studies "shall be reviewed and coordinated back to the incoming protection at the primary feeder from the power company". Will the project receive an updated electrical model of the base for the purpose of performing analysis back to the power company feeder? Which detailed analysis studies are to be modeled back to the project's point of connection vs. the base's connection to the power company feeder?	Assume infinite bus at primary side of transformer.	N	NA
33	15-Jun-15	General	Does the water supplied by the Belle Chasse Water District (BCWD) meet the federal and state water quality standards at the connection? If it does not, what is the condition of the supplied water?	Yes.	N	NA
34	15-Jun-15	General	If the water supplied by the BCWD does not meet federal and state water quality standards at the connection to JRB New Orleans, does the Navy intend for proposals to include on-base treatment of the supplied water to meet standards prior to distribution in the potable system?	N/A. See answer to PPI 33.	N	NA
35	15-Jun-15	General	Are any other KY Pipe models available that were not previously provided? o Impetus: § SF6 Domestic Fire Model did not include domestic water demands; furthermore, no demands were present. § SF5 Water Model (water quality) did not include an elevated tank. § SF7 Dedicated Fire Model none of the fire pumps were activated.	No.	N	NA
36	15-Jun-15	General	Can the Navy confirm that the demands in the SF5 Water Model file represent the average daily domestic water demands?	No.	N	NA
37	15-Jun-15	General	Can the Navy confirm the topographical data assigned to the junctions in the three models?	No.	N	NA
38	15-Jun-15	General	Can the Navy provide the contract with the Belle Chasse Water District for review of the technical requirements and water quality standards?	Refer to answer to PPI 19.	N	NA

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39	18-Jun-15		<p>It is our combined opinion that doing a new model and drawings to complete a Front End Engineering Document (FEED) sufficient to bid the project will cost between \$200-\$400k which is a significant cost and burdens all contractors potentially pursuing the project, thus providing a significant disincentive to bid the project for all contractors. To that end it is our belief that no bidders will move forward with a cost effective proposal based on the current contractual requirements, and therefore this would hinder the Navy and the CO from moving forward with the program at the currently planned schedule. It would further delay the contracting process by having to re-advertise the program for possibly a 3rd time and revising the RFP to remove the upfront cost and risk to entice bidders to propose. Questions: Could not the Contractors propose on the current Phase I plans and model as is provided in the RFP? We believe it would benefit the Navy to bid the project as is and select the contractor based on best value as the Navy would:</p> <ul style="list-style-type: none"> <li>* Eliminate the current contracting procedure that provides significant disincentives to all potential bidders.</li> <li>* Have cost per foot of the various types of pipelines and construction fixes that could be applied and used to negotiate a final contract price with the selected bidder.</li> <li>* The selected contractor could then provide value and innovation while getting compensated for Phase II modelling and engineering, as opposed to potentially basing the scope of work on non-optimal solutions based on contractor's attempt to minimize potentially uncompensated upfront costs, and providing a solution that may not be the best value, not the best or most innovative and/or not the most cost effective solution.</li> <li>* Further it is believed that this alternative contracting method would give the Navy an advantage, by securing a contractor to work with them during the design process as opposed to the contractor deriving a solution on his own based on him spending as little time and money on the engineering which he may never be compensated for unless he wins the bid. The solution could have input from the Navy and would be better tailored to the needs of the Navy and would allow the contractor to spend adequate time on engineering to come up with the most innovative and yet cost effective solution that meets the requirements of the RFP. The Navy could work with the contractor to adjust the design while still accomplishing the requirements of the RFP, but make enough cost conscious changes to fit within the Navy's budget in lieu of a solution that may achieve the spirit of the RFP, but exceeds the budget because the contractor was forced to mitigate cost and expend minimal effort to come up with a bid and solution for only a potential opportunity with upfront costs he may never recover.</li> </ul>	No, the current model does not provide a solution which meets water quality criteria, and is therefore not a basis for a solution.	N	NA

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40	23-Jun-15	General	Under section 1.3 Minimum Performance Requirements, it states the east and west end of the dedicated fire water main shall provide a minimum of 4,000 gpm at 100 psi. Additionally under D4020 it states to provide four 2,000 gpm at 120 psi fire pumps. If the hangars are retrofitted in the future, or new hangars are constructed which tie into this line, it is unlikely the fire water pumps specified will be able to support a foam/water inductor system with flow control valves as require per UFC 4-211-01N with only 100/120 psi. These systems often require a high pressure for operation. This low pressure may result in the addition of fire water booster pumps in the hangars. Should the fire pump station provide a high discharge pressure to meet the anticipated demands?	Design the system per the RFP.	N	NA
41	23-Jun-15	General	The fire water piping distribution system to the hangars is shown with two dead-end mains. This does not appear to comply with UFC 3-600-01 section 3-5 for providing a reliable fire water supply when feeding multiple facilities (e.g. 50% flow when part of the fire water system is disabled). Please confirm the fire water distribution with dead end mains will meet the intent of UFC 3-600-01, and a looped system is not required.	Design the system per the RFP.	N	NA
42	23-Jun-15	General	Under section 1.4 Division of Work, section CLIN 0002 New Construction the term backup generator is used. Please confirm a backup generator means a Level 1, Type 10, Class X emergency generator for life safety systems as required in NFPA 20 section 9.6.2.	Diesel Generator shall provide power to Fire Pumps only. The Natural Gas generator shall provide power to Normal and Life Safety Loads.	Y	#5
43	23-Jun-15	General	Under section D4020 it states schedule 120 CPVC underground piping will be provided for the dedicated fire water main to the hangars. Is it permissible to use HDPE in lieu of CPVC? Additionally, we are having difficulty providing a manufacturer who produces schedule 120 CPVC in 20 inch. Would you please provide manufacturers who meet this RFP requirement?	Refer to answer to PPI 16.	N	NA
44	23-Jun-15	General	Under G301002 it states water distribution piping greater than 12 inches shall be ductile iron, confirm this does not apply to the dedicated fire water main and laterals feeding the hangars.	Refer to answer to PPI 16.	N	NA
45	23-Jun-15	General	Fire protection water demands provided in Section D4020 states the total fire demand is 3,460 gpm for Hangar 5. However per the Water Main Study section 3.7.6.1 it states the fire water supply to Hangar 5 is 7,020 gpm. Please confirm which fire water demand is correct for Hangar 5.	The water demand information provided for Hangar 5 in RFP section D4020 is correct. Disregard hangar water demands from the Water Main Study.	N	NA

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46	23-Jun-15	General	Will a transient hydraulic surge analysis be required for the dedicated fire water main feeding the hangars? If the surge analysis demonstrates the burst pressure in the piping is exceeded, and retrofitting surge suppression in the existing hangars be required along with the surge suppression in the pump house, will the modification to the existing hangar suppression systems be part of this scope of work? If modification to the existing fire suppression systems in the existing hangars is required to add surge suppression, to what extent will the systems need to be recommissioned?	Transient hydraulic surge analysis is not required.	N	NA
47	23-Jun-15	General	Per D4010 it states to provide smoke detector(s). It is assumed only one smoke detector will be required per UFC 3-600-01 and NFPA 72 above the FACP. Please confirm complete smoke detection throughout the pump house is not required. Additionally do to the high humidity and temperatures in the pump house, confirm a heat detector may be used in lieu of smoke detection per NFPA 72 to reduce nuisance alarms.	Full smoke detector protection is not required throughout the pump house. Please only provide a smoke detector above the FACP.	N	NA
48	23-Jun-15	General	There are several references to mass notification systems throughout the RFP. Per UFC 4-010-01 and UFC 4-021-01 a mass notification system would not be required for the fire pump enclosure. Please confirm a mass notification is not required for the fire pump enclosure.	Mass notification is not required in the pump house.	N	NA
49	23-Jun-15	General	Are there buildings located closer than 50 ft to the fire pump enclosure, thereby requiring the exterior walls to be rated per NFPA 20 Table 4.12.1.1.2? If so, are the building(s) closer than 50 ft sprinklered?	No structures near the pump house enclosure require the exterior walls to be rated.	N	NA
50	23-Jun-15	General	G301006 states to reconnect hydrants to domestic service. Will hydrants be required to be relocated or replaced where not installed in accordance with the UFC 3-600-01 as part of this reconnection? Will additional hydrants be required where the current hydrant spacing is not in compliance with UFC 3-600-01?	No additional hydrants are required to be relocated or replaced on this project.	N	NA
51	23-Jun-15	General	Under section 3.6 Special Design and Construction Challenges it states the project must be constructed with only short outages. (1) Can a portion of the UST be drained and the cracks repaired while the other portion of the UST remains full of water to provide fire water to the system? (2) Are there minimum number of fire pumps which need to remain in operation during construction (e.g. two)? (3) Are there any additional costs to the contractor for buildings which will be temporarily disconnected from fire water service (e.g. fire watch)?	(1) Yes, as long a minimum amount of water is provided in the remaining tank to support fire protection requirements and ability to fill elevated potable water tank. (2) 2 pumps (3) No additional cost to the contractor.	N	NA
52	23-Jun-15	General	Will permanent access panels be required in the fire pump enclosure for crane access to fire pumps in the future?	Yes provide permanent access panel. Per Part 3, Chapter 6, ESR B30: Provide all new roof hatches/access panels as required with the necessary flashing, sheet metal flashing materials, and accessories and incidental work necessary for a complete, new, watertight installation. All penetrations shall be flashed in accordance with NRCA.	N	NA
53	23-Jun-15	General	Per UFC 3-600-01 section 5-1.1 it states Class B pathways meet all DOD performance requirements. Please confirm exceeding this requirement and providing a Class A fire alarm system is permitted as required per Section D4010.	Please follow RFP section D4010.	N	NA

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54	23-Jun-15	General	Will the FACP be required to monitor the emergency generator?	No, the FACP will not monitor the emergency generator.	N	NA
55	23-Jun-15	General	During the summer the outdoor temperatures will approach 100F, per section D30 a delta T of 20F is permitted. Which means the interior of the enclosure will approach 120F, which is approaching the UL Listed limitation for the fire alarm system. Additionally this is well outside the temperature recommendations from most fire alarm manufacturers to reduce nuisance alarms, and prolong the longevity of the panel. Will any protective measures be required for the fire alarm system in the fire pump enclosure (e.g. Conditioned air enclosure, NEMA rated enclosure, corrosion protection due to the close proximity to the ocean?	HVAC to remain the same, Fire Protection to require conditioned air enclosure. See Amendment 4 Fire Protection language.	N	NA
56	23-Jun-15	General	Under section D50, it states only three of the four fire pumps along with both domestic water pumps will run simultaneously. Therefore is it correct in assuming the emergency generator does not need to support the operation of four fire pumps, and the fire pumps will be interlocked to prevent a fourth fire pump from simultaneously operating?	Correct.	N	NA
57	23-Jun-15	General	Will the fire pump controllers be required to be tied into the EMCS for remote starting, or will they only start off pressure drop?	The pumps will only start off a pressure drop as stated in the RFP.	N	NA
58	9-Jul-15	Part 2, Section D4020, Page 15 of 31 and Part 3, Section G301002 Page 25 of 31	Amendment of solicitation 4 specifies that water mains deeper than 10 feet or larger than 12" in diameter shall be C905 DR 18 with mechanically restrained joints. Can Fusible PVC® pipe be used as an equal to the mechanically restrained bell and spigot pipe? Utilization of Fusible PVC® pipe (gasket-free and inherently restrained) would simplify the installation and reduce the metal hardware in the ground subject to corrosion and contribute value to the government. Please see the Pipe Technical Data Sheet on page 5, 6.	NO, all water mains shall be C905 DR 18 with mechanically restrained joints. Please follow RFP.	N	NA
59	9-Jul-15	Section G2010	Section G2010 of the specifications specifies that new waterlines shall be directionally drilled or jack and bored under the roadways and pavement areas. Can Fusible PVC® be used for the trenchless sections of the project? Utilization of Fusible PVC® pipe (gasket-free and inherently restrained) will allow bidding parties to design smaller bore holes with gasket free and fully restrained PVC C900 and C905 contributing value and savings to the government. Please see the Pipe Technical Data Sheet on page 5, 6.	NO, all water mains shall be C905 DR 18 with mechanically restrained joints. Please follow RFP.	N	NA
60	9-Jul-15	Part 2, Section D4020, Page 15 of 31 and Part 3, Section G301002 Page 25 of 31	Appendix B of the specifications shows conceptual layout of the 12", 14", and 20" fire main lines. Can Fusible PVC® be used for the installation of the fire main lines? Utilization of Fusible PVC® pipe (gasket-free and inherently restrained) will allow bidding parties to propose innovative solutions with gasket free and fully restrained PVC C900 and C905 contributing value and savings to the government. Please see the Pipe Technical Data Sheet on page 5, 6.	NO, all water mains shall be C905 DR 18 with mechanically restrained joints. Please follow RFP.	N	NA

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61	15-Jul-15	Fire Pump Bldg	Please: 1. Confirm that the existing fire pump metal structure is a pre-engineered structure. 2. Provide manufacturer and date of installation of the existing fire pump structure. 3. Provide as-built information including drawings and approved shop drawings for the existing fire pump structure. 4. Provide as-built drawings for the concrete slab and foundation for the fire pump structure.	See Part 6 Attachments for all record drawings of existing structure.	N	NA
62	15-Jul-15		Does the base have an evacuation/emergency plan for plane crashes, hurricanes, flooding, chemical spills, etc that can be forwarded to bidders?	See attached Hurricane Memo. File has been uploaded to Additional Documents on NECO.	N	NA
63	15-Jul-15		Does the base have a dedicated fire/emergency rescue team that will cover the construction project, or will an outside rescue team need to be dispatched?	Base Fire Dept. EMS will respond.	N	NA
64	15-Jul-15	Part 2, Page 10 of 21, Item 21	Are there any known environmental or hazardous materials on the base?	Presently there are no known environmental sites which would be impacted by this project's construction.	N	NA
65	15-Jul-15	Part 3 Page 24 of 31, Item G2010	"No open cuts of any roadways, parking lots, sidewalks, or paved areas shall be allowed unless prior approval from the Contracting Officer. New water lines shall be directionally drilled or "jack and bored" under the roadways and pavement areas, and existing lines abandoned in place at these locations." This is a costly requirement where lines pass beneath sidewalks. Can "prior approval" for sidewalk demolition and replacement in kind be provided to all bidders to lower bid pricing and limit jack and bore quantities?	YES, with "prior approval" for sidewalk demolition and replacement in kind.	N	NA
66	16-Jul-15	UFC 3-230-01, Section 5-1.4 vs. Amendment 4	Amendment 004 requires all fire water mains be C905 DR18 (PVC) pipe. UFC 3-230-01, Section 5-1.4, limits velocities in PVC pipe to 5 fps. In order to reduce the velocities inside the fire service mains to less than 5 fps, fire service main pipe diameters will have to be increased significantly from the RFP specified pipe sizes, thus resulting in a more costly project for NAVFAC. In order to keep project costs as low as possible, may velocities within the fire service mains be increased to 8 fps?	Follow RFP.	N	NA
67	20-Jul-15	UFC 3-600-01 and RFP Sections 3-7.1.2, 3-7.1.3, & 3-7.2, and Appendix B	UFC 3-600-01 and RFP Section 3-7.1.2 requires distribution mains to be looped to provide at least 50 percent of the required fire flow in case of a single break. Section 3-7.1.3 states that dead-end mains must be avoided. Section 3-7.2 requires that a sufficient number of sectional valves be provided so not more than a combined total of fire hydrants and sprinkler systems, or not more than three sprinkler systems must be out of service due to a single break. None of these requirements can be met with the fire water main layout proposed in RFP Appendix B, which consists of a 'T' configuration. This T configuration does not provide any looping or ability to back-feed portions of the system in the event of a break. Please confirm that the government will waive these UFC requirements, or provide clarification to the bidders that they must reconfigure the mains to comply with these requirements.	Design the system per the RFP.	N	NA

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68	23-Jul-15	Drawing E100, Section A	Section A identifies equipment not to be demolished until new equipment is operational. Section B identifies the location of the new equipment to be install in a location already in use by existing equipment. Please verify location of new equipment does not impse on the location of the existing equipment.	The drawing is diagramatic in nature (i.e. "Proposed"), and the staging and sequencing of equipment shall be determined as part of your design solution.	N	NA
69	23-Jul-15		1. Does the Navy have a natural gas service connection capable of providing 8.09 MMBTU/HR while maintaining pressure between 1.5 and 5 PSI at that flow rate and if so, where is the service connection? The Final RFP reference for the Gas Distribution System is supposed to be in Section D20 but this Section cannot be found in the Final RFP.	There is a 3" HDPE gas line service on the south side of Olson Avenue.	N	NA
70	23-Jul-15		1. Does the Navy require paralleling switchgear to allow the two generators to share the load or are the two generators to be fully redundant generators, each sized to support the indicated loads in section D50?	No paralleling gear necessary. There are two separate services, and each service backed up by its own generator. Please see ammendments.	N	NA
71	23-Jul-15	Part 6 - Attachments	Part 6 - Attachments, Attachment A, Proposed Water Recirculation and Main Layout Conceptual Drawing, Figure 1-1 shows an existing line from near Building 487 to near Building 141 (Cross Country). Figure 1-12 also shows this line east of Building 141. Appendix E, Existing Water Distribution Survey, "Proposed Boring Locations" also shows this line. Appendix E, Existing Water Distribution Survey, Sheet 5, however, shows this line as "Future". Is this line existing?	The line is existing.	N	NA
72	28-Jul-15	Amendment 3 & RFP Instructions to Offerors	The RFP directs offerors to use June 6, 2015 as the award date when building schedules. With the bid extension provided in Amendment 3, should offerors still use June 6, 2015 as an assumed award date? If not, what date should be used?	Offerors shall use October 23, 2015 as an assumed award date. Contract time will be extended to 677 days.	Y	#6
73	28-Jul-15	Elevated water tank	For the elevated 500,000 gallon water storage tank, within the central column leading up to the tank, confirm if there are two pipes (one dedicated pipe to fill the tank and a separate dedicated pipe to empty the tank) or a single common pipe that branches below grade.	8" pipe IN, 20" pipe OUT.	N	NA
74	30-Jul-15	Small Project Part 3 - Page 28 of 31, G40 Site Electrical Utilities.	Section states "As part of second cost line item, provide two gas engine generators with enclosures as an alternate power source". Please clarify if 2 generators are required as an alternate cost item or if it is optional and up to the contractor whether to provide one or two generators.	Refer to PPI #42.	Y	#5

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75	9-Jul-15		In order to develop an offer for a cost-effective solution to the requirement that all potable water on the base meet state and federal drinking water requirements, we need to know more about the minimum quality of water supplied by Belle Chasse Water District. The current model supplied with the RFP does not provide a solution that meets water quality criteria, and is therefore not a basis for a solution. In the response to RFI 33 indicates that the water supplied by Belle Chasse meets regulations at the connection point. However, no additional information was provided. Upon review of the 2014 Consumer Confidence Report for Belle Chasse, it appears that each of the four disinfection by-products sampling points showed maximum concentrations of HAA5 and TTHM that exceeded the MCL. Based on this it is evident that a supplemental treatment system will be required in order to satisfy the requirements in the RFP. We request that the minimum water quality data at the connection point, that is guaranteed by Belle Chasse, be supplied to the offerors so that a supplemental treatment system can be designed. In addition to this request we also request a 30-day extension to be able to design and price the system.	All available water data has been furnished.	N	NA
76	30-Jul-15	PPI #12 response vs. RFP page 20 of 75	RFP page 20 states: The schematic design for Domestic Water Distribution and Fire Protection combined shall not exceed 20 conceptual drawings. PPI #12 response limits the schematic design to 15 pages. May we submit 20 drawings on 20 pages?	Amend #4 changed sheet count from 20 to 15.	N	NA
77	30-Jul-15	PPI #72 response	PPI #72 directs offerors to use October 23, 2015 as an assumed award date. With the RFP prescribed 572 day duration, the contract completion date will be in May of 2017 before the required summer water testing. Will the contract duration be extended to encompass the summer 2017 water testing and project closeout? We recommend a 730 day duration.	Refer to answer to PPI #72.	Y	#6
78	3-Aug-15	RFP Section D. Schedule = Water Quality Testing requirements 3.3.7, & PPI#72	Based on your response to PPI# 72, if we assume an award date of 10/23/15 and assuming the overall project duration is still 572 days, the final completion date would be 5/17/17. Currently the RFP Part d. Schedule ... Schedule--Proposed schedule showing design, construction, commissioning, and water quality testing/validation period, in compliance with Part 3, 3.7 System Commissioning. Water distribution system construction shall be complete and ready for testing no later than August 1, 2017. Testing shall not begin before June 1, 2017. System commissioning has a required 60 day timeframe, so assuming the earliest we can start the required system test is June 1, 2017, the end of the 60 day test would be July 30,2017. Are you going to adjust the award date or are you going to change the timeframe when the 60 day system commissioning may be worked on.	Refer to answer to PPI #72.	Y	#6
79	3-Aug-15	PPI Nos. 58, 59 and 60	Responses to recent PPI Nos. 58, 59 and 60 disallow the use of fusible polyvinyl chloride pipe (fPVC). Use of fPVC for trenchless installation is a proven technology and a cost effective solution when used in horizontal directional drilling applications. The use of fusible PVC pipe allows stronger connections of joints and fewer open cuts. Alternate pipe material (i.e., ductile iron) is more costly and requires open cut to install thereby causing greater disruption to the Base. Please reconsider this beneficial cost saving product which is in all respects equal to mechanically restrained bell and spigot C900/C905 PVC pipe.	No revisions are being made to the RFP.	N	NA
80	3-Aug-15	PPI Nos. 58, 59 and 60	Please define mechanically restrained. What restraints are allowed?	This is to be determined by the designer of record based on RFP, UFC and UFGS requirements.	N	NA

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81	3-Aug-15	PPI Nos. 58, 59 and 60	Provide acceptable mechanically restrained PVC 900/905 systems suitable for trenchless applications*.	This is to be determined by the designer of record based on RFP, UFC and UFGS requirements.	N	NA
82	3-Aug-15	PPI Nos. 58, 59 and 60	Please confirm trenching and ductile iron piping is required for water main installation.	This is to be determined by the designer of record based on RFP, UFC and UFGS requirements.	N	NA
83	3-Aug-15	PPI Nos. 58, 59 and 60	Please confirm (Certa-lock <a href="http://www.certa-lok.com/">http://www.certa-lok.com/</a> ) meets the requirements of mechanical restraint.	This is to be determined by the designer of record based on RFP, UFC and UFGS requirements.	N	NA
84	6-Aug-15		In order to test water quality, the Contractor will need to be substantially complete with the potable water distribution system in approximately 270 of 572 days, with the current specified latest testing date of August 1, 2016 as currently stated. Additionally, permit approval for a potable water system final design from the Louisiana Department of Health and Hospitals Office of Public Health (LDHH/OPH) requires 60 calendar days minimum. It is anticipated that with the delay of the proposal due date, that contractor may need to complete the waterline work, request to stop time and then start time for acceptance testing on or around June 1, 2017 with project time running until the acceptance of the potable water system, maintaining the 572 required days. Will this be acceptable or has other considerations been given to the delayed start date and the required testing period as it relates to the specified contract duration.	See PPI #72.	Y	#6
85	6-Aug-15	UFGS specification template 26 23 00 section 2.2.2	UFGS specification template 26 23 00 section 2.2.2 designer notes requests determination if an arc-resistant design will be specified for the installation. Is arc-resistant equipment required for this installation?	It is not required, but is an option. Please also refer to UFC 3-501-01, 3-2.6, where the goal is to achieve a Category 2 or better (does not pertain to line side of a service entrance). If arc resistant gear helps to meet this goal, than provide it as an option, and documentation showing how it does.	N	NA
86	6-Aug-15	UFGS specification template 26 23 00 section 2.2.5	UFGS specification template 26 23 00 section 2.2.5 designer notes requests consideration of remote racking methods. Will remote racking be required for this installation?	To be determined by individual's design. The designer note states it as a consideration. Please also note UFC 3-501-01, 3-2.6, with respect to remote racking.	N	N/A
87	6-Aug-15	UFGS specification template 26 23 00 ,section 2.2.2.1	UFGS specification template 26 23 00 ,section 2.2.2.1 designer notes states that infrared viewing windows are typically installed in the switchgear rear covers. Are infrared viewing windows required for this installation?	Yes, infrared viewing windows are required. Please note, the designer note states, "...typically...", i.e. the location of the window depends on the access of the switchgear, either front or back, and that access shall determine clearances. Please see response to PPI88.	N	NA
88	6-Aug-15	UFGS specification template 26 23 00 section 2.2.2.1.c	UFGS specification template 26 23 00 section 2.2.2.1.c identifies that rear doors may be an option. Will switchgear located in the pump building be required to have rear access?	The access of the gear shall be determined by the design. That access shall then dictate door locations, and the proper clearances. Please note, access means full access to the switchgear's bus for torque, repairs, etc...not just feeder lugs. In short, if the designer's room layout is where the switchgear/switchboard back is up against a wall, then rear access does not make sense.	N	NA
89	6-Aug-15	UFGS specification template 26 23 00	Are there any requirements of additional options for switchgear related to this installation (i.e. auxiliary sections, metering, etc.)?	That shall be determined by the individual designs. Please refer to RFP for description of electrical requirements, and UFC's for guidance.	N	NA

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90	6-Aug-15	Specification UFC-3-520-01 section 3-2.1	2014 NFPA 70 (National Electrical Code) section 695.5.C.2 requires the overcurrent protective devices to be selected or set to carry indefinitely the locked rotor current of the fire pump motor. Based on NEC table 430.251(B), the locked-rotor current of a 200hp, 460V motor is 1450amps. Additionally, generator sizing calculations from the vendor identify a 750KW diesel genset to meet voltage drop requirements. NEC 445.13 requires a minimum conductor capacity of 115% of generator full load amps. The calculated 115% of generator FLA is 1296 amps. Based on the requirements of the transformer and diesel generator, the electrical design shifts from distribution panelboards into the selection of low voltage switchboards or switchgear. Specification UFC-3-520-01 section 3-2.1 states to specify metal clad switchgear when the service is 1200A or larger and all branch circuits are large (600A or 800A each). Can you confirm that switchgear equipment is required for this installation as opposed to a switchboard with stationary molded case circuit breakers?	The switchboard/switchgear decision will be dependent on individual's design. The intent of the UFC is for large continuous loads. Just as the NEC Article 695 requests the fire pump feeder breakers to be sized for LRA, it does not request the feeders to be sized for LRA. Additionally, remote racking in/out is only relevant to switchgear, so if individual's design directs them to remote racking, then regardless, switchgear shall be the choice. Please note in the UFC 3-520-01, 3-2.1, even in switchboards, the UFC requests isolation. The switchgear design also introduces the design of a source for the charging motor/trip coil. Either way, it is a correct statement to say that the design has eliminated panelboards for GDP and FPDP (from Proposed New Power Riser Diagram).	N	NA
91	18-Aug-15	Design Submittal Requirements	Small Project Part 2 Attachment A, Paragraph 4 says, "provide hard copies (quantities per chart below) and one electronic copy of design submittal package to the following reviewers a minimum of 3 weeks prior to the all review meetings. Submittals shall be provided for the 50%, 100% and Final Design as a minimum." Whereas, Volume 1 of 2, Small Projects Part 2, Attachment A, page 1 of 6, Paragraph 4 DESIGN, says, "Provide hard copies (quantities per chart below and one electronic copy of design submittal package to the following reviewers a minimum of 2 weeks prior to the all review meetings. Submittals shall be provided for the 35%, 65%, 100% and Final design as a minimum." Are 3 or four submittals required? This impacts design fees and schedule.	Refer to the Volume 1 of 2 provided in Amendment 0001, which included changes in bold to Small Project Part 2, Attachment A, Paragraph 4. Submittals shall be provided for the 50%, 100% and Final Design as a minimum.	N	NA
92	18-Aug-15		PPI # 79 states that an alternate or betterment may be included in the proposal for the subject job. Can you let me know from a contracting perspective how to include this in the response? Is there a form for this or should this be in the text of the response? Should it justify the alternate method? Associate pricing with the alternate? Should pricing be shown in the text section or in another area?	See revised response to PPI #79.	N	NA