	Addenda: No. 2 Berth 5 Project IFB Port of Port Arthur, TX	
	Date: May 23, 2017	
Question No:	**Question Description:**	**Owner's/Engineer's Response:**
1	Instructions to Bidders, Article 8, Liquidated Damages: states LD's are set forth in Agreement. However, it appears that LD's are not stated in Agreement?	Port has established a liquidated damages rate of $2,700 per day for the Berth 5 project
2	Agreement, Article 5.1, Insurance: states that insurance coverages are detailed on attached Exhibit 1, Port Insurance Requirements. However, it appears Exhibit 1 is not attached?	See link on website www.portpa.com click on Public Notice and Insurance Requirements, Attachment A, Addenda 2
3	What are the insurance requirements for the project?	See link on website www.portpa.com click on Public Notice and Insurance Requirements, Attachment A, Addenda 2
4	Will a bid item list or bid breakdown be provided?	Bid item list/bid breakdown will not be provided
5	Please provide dimensions in the X and Y direction for the Wharf 5 pile lines from the base line (Base line is shown on Dwg. C 100)	Dimensions can be provided to the successful bidder
6	Please provide co-ordinates for the existing wharf and rail trestle. Will assist in laying out the existing rail trestle piles over the new piles to identify interferences.	Contractor to estimate based on bid drawings provided. Coordinates can be provided to the successful bidder.
7	Can the falsework for wharf concrete formwork be supported on the new wharf piles?	Pending
8	Spec 02 41 13.13, Item 1.6 states contractor to get demolition permits. What are these permits and who is the issuing authority?	The Port of Port Arthur is located outside of the City's jurisdictional limits. The POPA Navigation District of Jefferson County is a quasistate Texas institution and as such, is not subject to local authorities. The POPA can for their own reasons, subject themselves to City code ordinances such as building, electrical, plumbing and gas permits; pipeline construction permits; and permits for any modifications to City roadways. The decision to obtain permits and subject themselves to City code ordinances at POPA's discretion. POPA has elected to provide a complete set of drawings for informational puposes to the city officials.
9	Spec 26 42 00.00 Item 1.5 A, states contractor to get permits. What are these permits and who is the issuing authority?	See response to question number 8.
10	Is corrosion inhibiting admixture mandatory for all concrete (Spec 03 3100)?	Yes, corrosion-inhibiting admixtures shall be used for all concrete.
11	Spec 033100, Item 2.5 A 4 states fly-ash is optional, however Item 2.9 E states fly-ash shall be utilized. Please clarify.	Fly-ash shall be utilized at rate of 20% of the total cementitious material by weight. Spec 03 31 00 shall be corrected to read as follows: "20% by weight of fly ash meeting ASTM C618 Type F **shall** be used as cement material. Use only one source of fly ash throughout the project."
12	Spec 31 20 00.00, Item 3.12B states contractor to hire geo-tech testing agency. But Spec 01 45 00.00, Item 1.4 A show this under the owner. Please clarify.	The successful bidder is responsible for all construction materials testing, as a part of the 'Contractor's Quality-Control Plan', Section 01 40 00.00 - Quality Requirements. The Port's 'Owner's Representative' will not be performing any construction materials testing. The Owner's Representative will be performing quality assurance services – auditing and ensuring the Contractor's construction quality control efforts. Part 1.4 A. 'Performance Requirements' of Specification Section 01 45 00.00 – Testing Laboratory Services, the first two sentences are revised to read as follows "At a minimum, the CONTRACTOR shall employ an independent testing laboratory to perform testing for work specified in the following sections:"
13	Spec 31 09 16.23 Item 1.1A states contractor to engage PDA. But Spec 01 45 00.00, Item 1.4 A show this under the owner. Please clarify.	See response to question number 12.
14	Spec 31 09 16.23, Item 3.1 D1 & 3.2D indicate test piles need to vibrated in. Concrete piles are normally not vibrated and are only impact driven. Please clarify if even the concrete test piles need to be vibrated first.	The concrete piles may be driven using impact hammers.
15	Spec 31 09 16.23, item 1.1A states 12 piles to be PDA tested. Item 1.1 A 1,2, & 3 add upto 8 piles. Please confirm only 8 piles to be PDA tested.	The total number of piles to be tested is 12, per Specification 31 09 16.23, Item 1.1 A, 1 to 5. The additional 4 piles are itemized in 4 and 5
16	Spec 35 20 25.10, Item 3.1A states sub-grade for Articulated Concrete Mats (ACM) needs to be proof-rolled to 90%. These are underwater. Please confirm underwater sections need not be proof-rolled.	Reference section refers to the top of slope for the turn down of the ACM and not areas underwater.

17	Dwg. C203 shows ACM's starting only from the new bulkhead return wall (STA 11+75). But Dwg. C206 Section 3 shows ACM's from STA 10+50. Please advise.	Refer to dwg C 206, ACM starts at roughly10+50 and terminates at sta 18+00.
18	Does the bulkhead wall have to be fully constructed including the tie-backs prior to start of dredging?	Bulkhead has to be fully constructed prior to start of dredging
19	What is the area/dimension of the asphalt pavement removal shown on Dwg. CD101.	Appoximately 0.75 acres
20	Please confirm that the 122'± of rail trestle & rail shown on Dwg. S004 (curved section, right side of dwg.) is not part of this contract.	The rail trestle & rail shown on Sheet S 004 "FUTURE EXPANSION ACCOMODATIONS" are not part of this contract.
21	Dwg. No.: S 250 & S 251 show details for 54"Ø precast prestressed concrete pile. Please indicate where these are to be used.	Please disregard the 54" dia. precast piles details on Sheets S-250 and S-251. The 54" dia. precast piles have been replaced with 54" dia. steel pipe piles.
22	What is the weld detail for the female sheetpile coupler that needs to be welded to the existing sheetpile bulkhead (Dwg. No.: S301, Detail 1 & 2).	Pending
23	Liquidated Damages Spec Section 00 20 00.00 8. Liquidated Damages in Section 00 02 00.00 states that "provisions for liquidated damages are set forth in the Agreement." However, the Agreement provided in Section 00 52 00.00 does not define liquidated damages. Please provide the amount that will be charged for liquidated damages.	See response to question number 1.
24	Dredge Elevation Spec Section 35 20 23.15 and Drawing Sheets 19 to 21 Section 35 20 23.15, 1.7 QUANTITY OF MATERIAL, Paragraph B states that "the total quantity should include two feet of advanced maintenance and one foot of overdredge as indicated on the Contract Drawings." However, Sheets 19 through 21 of the Contract Drawings show only one dredge elevation at -45.8 ft-NAVD. Is it the Owner's intention that -45.8 ft-NAVD includes the advanced maintenance and allowable overdepth, or should three feet be added below -45.8 ft-NAVD to account for advanced maintenance and overdepth?	A summary of the dedging excavation will be provided to address this question. The Berth 5 plans include Dredging Cross Sections that the contractor is advised to caclulate and estimated dredge quantity for bid. Collins Engineers Inc. will be providing a design dredge quantity for bidding purposes that consists of removals below the waterline to design dredge depth, overdredge quanity (additional removals for 2-ft overdredge), excavation quantity (removals above the waterline) and fill quantity
25	Overdredge vs Advance Maintenance Spec Section 35 20 23.15 and Permit SWG-2011-00303Section 35 20 23.15, 1.7 QUANTITY OF MATERIAL, Paragraph B states that "the total quantity should include two feet of advanced maintenance and one foot of overdredge." The following paragraph, Paragraph C, states that "material actually removed to a maximum one foot below the depth specified and within dredging limits will be measured and paid for at full contract price." However, the project descriptions provided in the Department of the Army Permit SWG-2011-00303 and the consistency certification issued by the Texas Commission on Environmental Quality indicate that the area may be dredged to "-48 feet mean low tide plus 2 feet overdredge plus 1 foot advanced maintenance." Please clarify whether there are two feet of advanced maintenance and one foot of overdredge as stated in the specifications or one foot of advanced maintenance and two feet of overdredge as stated in the permits as this discrepancy affects the anticipated pay quantity.	The Department of Army Permit dredge quantity is valid for current and future dredging for for the Port as indicated in the TCEQ permit. A summary of the dedging excavation will be provided to address this question. The Berth 5 plans include Dredging Cross Sections that the contractor is advised to caclulate and estimated dredge quantity for bid. Collins Engineers Inc. will be providing a design dredge quantity for bidding purposes that consists of removals below the waterline to design dredge depth, overdredge quanity (additional removals for 2-ft overdredge), excavation quantity (removals above the waterline) and fill quanity.
26	Dredged Material Disposal Spec Section 35 20 23.15	
27	Dredged Material Disposal Spec Section 35 20 23.15 Item 1 of D. Disposal in Section 35 20 23.15, 3.3 CONDUCT OF DREDGING WORK states that the contractor must "transport and dispose of dredged materials to the sites specifically designated for both the type (dry or wet) and volume of dredged material." What, if any, limitations exist regarding the volume of dredged material that may be disposed at the USACE approved disposal areas?	Pending
28	Dredged Material Disposal Department of the Army Permit SWG-2011-00303 and Texas Commission on Environmental Quality Certification The Department of the Army Permit SWG-2011-00303 specifies that "dredged material [will be placed] into the following dredged material placement areas: 8, 9A, 9B, and 11." However, the Texas Commission on Environmental Quality states that "dredged material will be piped to the U.S. Army Corps of Engineers' Dredged Material Placement Area #8." Are Placement Areas 8, 9A, 9B and 11 all available for the contractor to choose from, or is the contractor restricted to using Placement Area 8?	Pending
29	Dredged Material Disposal Regarding the permitted Dredge Material Placement Areas 8, 9A, 9B and 11 listed in the Department of the Army Permit SWG-2011-00303, will the contractor be allowed to place material anywhere they would like within the areas, or are there specific areas within each placement area that must be used for this work? Further, may the contractor choose where dredge pipelines enter the placement areas or are there designated pipeline corridors?	Pending
30	Permits Spec Section 35 20 23.15 Item 1 of B. Dredge Pipelines and Casings in Section 35 20 23.15, 3.3 CONDUCT OF DREDGING WORK states that the contractor must "make all arrangements including right-of-way and permits for locating and installing dredge pipelines and casings." Are there any additional permits that will be required if contractor uses the USACE-approved disposal areas provided in the Department of the Army Permit SWG-2011-00303 and, if so, what are they?	Coordination required for Sabine-Neches Navigation District. Owner will provide assistance.

31	Method of Measurement Spec Section 35 20 23.15 Item 1 of B. Method of Measurement in Section 35 20 23.15, 3.7 MEASUREMENT states “measure the material removed and items associated with disposal including silt fences, turbidity screens, and outfall structures by cubic yard in place.” Is this statement intended to direct bidders to include the costs of silt fences, turbidity screens and outfall structures in the cubic yard price for material removed?	All specification and plan sheets requirements related to providing and installing a turbidity curtain for the Berth 5 Project are deleted by issuance of Addendum number 2.
32	Dredging Bid Quantity Department of the Army Permit SWG-2011-00303, Texas Commission on Environmental Quality certification, and Spec Section 00 41 00.00 The Department of the Army Permit SWG-2011-00303 indicates that 416,200 cubic yards of material will be removed for the new work dredging; the consistency certification issued by the Texas Commission on Environmental Quality indicates that 454,300 cubic yards of material will be removed; and the specifications do not provide an estimated dredge quantity. As no itemized bid form has been provided to define a dredging bid quantity, what quantity should bidders base their cost on?	See response to question number 31.
33	Bidding Schedule Spec Section 00 41 00.00/35 20 23.15 Please provide a bidding schedule based on cubic yard pricing for dredging and disposal.	Article 1.5 "SUBMITTALS" of Section 35 20 20 23.15 - "DREDGING AND DISPOSAL" indicates that the contractor shall submit the proposed dredging plan for approval 15 days prior to the start of dredging operations. The contract is a Lump Sum contract. The Berth 5 plans include Dredging Cross Sections that the contractor is advised to caclulate and estimated dredge quantity for bid. Collins Engineers Inc. will be providing a design dredge quantity for bidding purposes that consists of removals below the waterline to design dredge depth, overdredge quanity (additional removals for 2-ft overdredge), excavation quantity (removals above the waterline) and fill quanity.
34	Survey Data Drawing Sheets 16 to 21 Please provide the survey data for the dredge area shown in project drawing sheets 16 through 21.	Survey data for the existing conditions will be provided in an addendum to the plans that describes existing conditions that shows existing contour information in areas that appear to be missing from the plans.
35	Dredge Payment Surveys Spec Section 35 20 23.15 Item A of Section 35 20 23.15, 3.7 MEASUREMENT indicates that the contractor must “perform a pre-dredge hydrographic survey and have the survey witnessed by the Owner’s Representative.” Item A of Section 35 20 23.15, 3.8 FINAL EXAMINATION AND ACCEPTANCE states “as soon as practicable after the completion of areas that in the opinion of the Owner’s Representative will not be affected by further dredging operations, each area will be sounded by the Owner’s Representative by sounding, sweeping, or both.” Item B of the same 3.8 FINAL EXAMINATION AND ACCEPTANCE states “notification will be made when soundings or sweepings for post dredge are to be made. The Owner’s Representative will accompany the sounding or sweeping party and inspect the data and methods used in preparing the final estimate.” Based on this language, it appears that the contractor is responsible for the pre-dredge survey, but it is unclear whether the Owner or the contractor is responsible for the post-dredge surveys. Is the Owner or the contractor responsible for taking payment surveys?	Article 3.7.A "MEASUREMENT" of Section 35 20 23.15 indicates that the Owner will employ it's own Survey Crew or an independent Surveyor at the Owner's discretion to perform post- dredge surveys for verification of dredge quantities.
36	Pile Load Test Spec 31 09 16.23 Can the test piles for the new bulkhead (48" steel pipe) and anchor system (18" concrete) be installed concurrently with the bulkhead wall?	All test piles shall be driven in the position of permanent piles and at the locations as identified on the contract drawings.
37	Concrete Piles Dwg S250 & S251 Contract drawings show a detail for a 54" diameter spun cast concrete pile but there are none shown on the drawings, please confirm there are no 54" concrete piles?	Please disregard the 54" dia. precast piles details on Sheets S-250 and S-251. The 54" dia. precast piles have been replaced with 54" dia. steel pipe piles.
38	Both drawings and specs state that the existing wharf must remain active during construction and that 'Port operations take precendence over construction activities' (note on dwg G 002, #2). Will there be an established standby rate or how many days of delay should the Contractor assume?	The Port forecasts approximately 9 days per month, a portion of the Berth 5 waterfront construction activities may have limited access. The Contractor will receive advance notice of vessel arrival time to allow scheduling for other Berth 5 construction activities associated with this project.
39	Is there a 'Buy American' or 'Buy America' clause for this project?	"Buy America" clauses and provisions do not apply to this construction contract.
40	Once the mooring dolphin, bollards & tracks are demolished will berths 3 & 4 remain active?	Berths 3 and 4 will remain fully operational during construction of new Berth 5
41	Existing Train Rail DWG CD101, SD101, SD160, & SD161 On DWG CD 101 it states in a note to stockpile approximately 800 LF of site rail. Please provide site rail splice details and desired lenghts for stockpile.	Splice details can be found in the VZM Phase II drawings. See www.portpa.com
42	Turbidity Control Curtains Spec Section 35 20 23.15 Paragraph A of Section 35 20 23.15, 3.1 TURBIDITY CONTROL CURTAIN INSTALLATION states that “turbidity control curtains shall be installed prior to commencing any dredging work. Turbidity curtains shall be used during the entire dredging operation to minimize increases in turbidity outside the area of dredging.” Dredging work in this area has typically not required the use of turbidity curtains around dredge areas, and permits provided with the contract documents do not appear to require turbidity curtains. Additionally, survey boats and attendant plant require frequent access to the dredge area during dredging operations, and installation of turbidity curtains may prove a hindrance in a dredge area of such narrow width. Would the Owner consider waiving the turbidity curtain requirement for dredging activities?	See response to question number 31.

43	Turbidity Control Curtains Spec Section 35 20 23.15 Paragraph B of Section 35 20 23.15, 2.1 TURBIDITY CONTROL CURTAIN states "…each curtain shall be made up of one or more sections run from shoreline to shoreline…". With the dredge area configured along a single shoreline, is this statement intended to direct the contractor to have one continuous turbidity curtain to contain the entire dredge area?	See response to question number 31.
44	Turbidity Control Curtains Spec Section 35 20 23.15 Paragraph B of Section 35 20 23.15, 3.1 TURBIDITY CONTROL CURTAIN INSTALLATION states "permanent turbidity control curtains shall be installed at locations approved by the Owner's Representative. These shall remain in place during the entire period of dredging work and shall be removed only after final acceptance of the dredging work." The following paragraph, Paragraph C, states "temporary turbidity control curtains shall be installed both upstream and downstream of the dredging work and relocated as the work progresses." Please provide bidders with the locations that the Owner would like the permanent turbidity control curtains to be installed.	See response to question number 31.
45	Sect. 033100 Sub Sec. 2.5 B. Aggregates- "Course aggregate shall be well graded with a maximum size of 1 ½""- Is the 1.5" max the nominal maximum size aggregate or the maximum size aggregate as defined by ASTM C 33?	Pending
46	Sect. 033100 Sub Sec. 2.5 E. #3 Corrosion-Inhibiting Admixture- which applications (wharf deck…, bulkhead wall cap…, crossover…) will require the addition of 4.5 gallons per cubic yard of the corrosion inhibiting admixture?	All structural concrete will require the addition of the corrosion inhibiting admixture at the specified rates.
47	Dwg. CD 101 (Page 15 of 148) Note 3, references drawing C574. Drawing C574 is not currently issued as part of the drawing package. Please provide.	Sheet C574 excluded as part of Foley Ditch Outfall Project, not Berth 5.
48	Please provide a cross section view of the Swale shown Dwg. No.: C401. Is seeding acceptable or is rip rap material required?	Seeding is not accepted. Rip rap material shall meet broken stone or concrete, as per rip rap specifications. Construct swale per provided centerline and top of bank elevations to width dimension provided on sheet C401
49	Articulated Concrete Mats on C250 (page 29 of 148), detail 6, note 1 states "provide anchors at 4-foot spacing for 2.5:1 (H:V) slopes and at 8-foot spacing for 3:1 slopes. Please provide anchor details.	Anchors to be provided based on manufacturers recommendations.
50	What is the thickness of the existing concrete at the Gunite Outfall Structure?	See VZM Drawings available www.portpa.com , public notice, berth 5, Supplemental Information click on VZM Phase II
51	What is the thickness of existing asphalt on site?	See VZM Drawings available www.portpa.com , public notice, berth 5, Supplemental Information click on VZM Phase II
52	Is the turbidity curtain (w/7' Skirt) required only during dredging operations or during the entire phase of marine construction?	See response to question number 31.
53	General Requirements & Design Criteria Note No.: 14 C talks about a breasting/mooring dolphin. Please confirm this is not part of this bid	Breasting/mooring dolphin structures are not part of this contract.
54	General Requirements & Design Criteria Note No.: 14 D talks about a mooring deadman. Please confirm this is not part of this bid.	Mooring deadman structures are not part of this contract.
55	Please confirm that no sleeve is required for the full length of the articulated anchor rods (tie-rod system for the combi-pipe bulkhead to tie-back concrete deadman).	A 6'-2 long x 6" dia. pipe sleeve is provided in the anchor system concrete pile cap at all locations.
56	Are the articulated anchor rods & components (pipe sleeve, plate washers, nuts) to be HDG?	Articulated anchor rods, appurtances and all other accessories to be HDG
57	Please provide existing contour lines for the entire dredge footprint. The contour lines on Dwg. C 100 stop before Station STA 14+00.	Existing ground lines are shown on the cross sections starting with sheet C101.
58	Please provide drawings for the tie-rod locations of the existing bulkhead. This would assist in ensuring there are no conflicts with the new grouted tie-back system.	VZM Phase II drawings are avialble on the website. These drawings are record only and provided for informational purposes. The proposed tie-rods have been layed out to try and miss the existing platform piles based on existing site conditions.
59	Please provide a plan view showing the location of the new fenceline that is part of this contract. The only new fencing shown is on Dwg C 402 which is at Foley's ditch (not part of this contract).	No new fencing is inlcluded in the bid documents for Berth 5. Foley ditch and existing fencing is shown for informational purposes only.
60	Please advise if any of the rail being removed is to be reused on the new Wharf 5.	See drawing note on CD101, to remove and stock pile the rail. Also see note 3 on SD100.
61	Structural Steel Notes No.: 13 talks about a guardrail assembly. Please provide a plan view indicating location & limits of the guardrail assembly.	Please refer to the IFB Drawings, Sheet S-500 and S-501

62	Bid Date & Questions Extension Notice to Bidders We respectfully request a time extension of at least 2 weeks for the bid due date and the questions cutoff date. This project has a lot of details and with it being a Lump Sum it will take a lot more time to perform takeoffs.	Sealed bids addressed to the Port of Port Arthur for the Berth 5 Expansion Project will be received at the office of the Port Director, Floyd Gaspard, until 10:00 a.m. local time on June 21, 2017 and all bids received will immediately thereafter be opened and read on June 21, 2017 at 221 Houston Avenue, Port Arthur, Texas. Please review all available documentation. Questions regarding the project will be accepted until 5:00 pm, Wednesday, June 7, 2017. Direct written questions to larry@portpa.com
63	Structural Demo DWG SD 100 According to Note 1: "All existing pile that will be in conflict with new construction shall be extracted." Please provide tip information	See website www.portpa.com for VZM Phase II drawings: W3, W4, W7 and Tailtrack drawings: B12
64	Structural Demo DWG SD 150 According to Note on plans Timber Pile Dolphin clusters details are shown on sheet B-17 of existing drawings please provide.	See website www.portpa.com for tailtrack drawings, Sheet B-17
65	What is the anticipated Port Operations at Dock during the construction?	See response to question number 38.
66	Where is the lay-down yard location?	The contractor laydown areas for Berth 5 is indicated by "CONTRACTOR LAYDOWN AND PERMANENT WORK AREAS" hatch as indicated on Sheets G 008 and G 009 of the plans. Contractor may request additional laydown areas, 48 hours in advance of need, by submitting a request through the Port's Owner's Representative on the Berth 5 project.
67	No payment for stored material?	See Article 14 - Payments to Contractor and Completion of the Standard General Conditions to the Construction Contract.
68	Clarify “Special Inspection” Sheet S002.	Inspection of the construction by an approved and qualified special inspector to ensure work is performed in accordance with the construction documents and approved Codes. Inspection cost is to be included in the Contractor's bid.
69	Are we required to place ACM in Dredge Transition per C206 Section 3 or as shown on C203?	ACM is to be installed per sheet C206 beginning at staton 10+50.
70	Builders Risk Insurance Required?	See Attachment A to Addendum number 2 - Port Contractors Insurance Requirements.
71	Are all utilities available at site office location designated on plans?	Existing electrical services are available.
72	How to maintain flow in Grannis Ditch?	Port is not responsible for contractor methods and means of construction
73	Are there “Liquidated Damages”?	See response to question number 1.
74	Is there a Dredge Quantity?	There is no dredge quantity for Berth 5 indicated in the plans or specifications. The Berth 5 plans include Dredging Cross Sections that the contractor is advised to caclulate and estimated dredge quantity for bid. Collins Engineers Inc. will be providing a design dredge quantity for bidding purposes that consists of removals below the waterline to design dredge depth, overdredge quanity (additional removals for 2-ft overdredge), excavation quantity (removals above the waterline) and fill quanity.
75	What is the length of existing Concrete Piles in demolition area?	Please refer to the attached pdf file titled "Str Drawings1 for Responses to Pre-bid Questions_05172017" for approximate pile lengths.
76	Will the Splicing of concrete be allowed?	Splicing of concrete piles will be allowed upon review of the submittal details.
77	When will we be able to visit site ?	Overcome by previous events
78	Vendor -Regarding the W27/AZ19-700 combiwall for the Bulkhead Improvements Wall: After review of the plans and consulting with our in-house engineer it was determined that the required spacing or system-width of 8’-3” cannot be achieved utilizing the specified components. The components that make up the system-width consist of: pieces W27 x 194# Beam, 2 pieces E22 Connector, - 1 pair AZ19-700, 2 pieces of cut-off interlocks (flanges) of AZ19-700. Please see the attached sketch of an achievable system-width utilizing the above components. NOTE: The maximum width of a cut-off interlock is 6-5/16”. Please advise how we should proceed.	The 8'-3" system width spacing between double W27 is achievable and is required to avoid conflicts with the existing relieving platform piles. Please refer to the updated details shown on Sheet S-301, Revision 1 in the Addenda.
79	Do to the site visit being on May 10, 2017, which is the same day as the cut-off day for questions. Can the cut-off date be extended to 3 business days after site-visit? The reason being we might have questions after our visit.	Question period extended to June 7, 2017
80	Some of the dredging may be performed from land.Is this acceptable? Provided that the material is suitable can it be used on site for backfill or does it have to go to a disposal area?	When applicable, contractors may mechanically excavate from land. If the excavated material meets backfill soil requirements it may be repurposed and used on project (see Spec's 31 23 23.13, and 31 20 00.00). Excavated site material deemed unsuitable as project material can be disposed of on port property, subject to port approval.

81	With regards to removal and discharge of dredged spoils, please provide the culvert location that should be used to access Area 8 and the discharge location on the East side of T B Ellison Pkwy/Martin Luther King Jr. Drive.	According to POPA, there are culverts located approximately 1 mile north and south of Highway 82.
82	Is there a dumping fee associated with the dredge material disposal areas indicated on Dwg. C100. If yes, who is responsible? What is the amount?	Disposal fee is not required on POPA projects.
83	Are there any improvements that need to be done at the dredge spoil dumping location?	No upgrades required for the DMPA.
84	What is the pattern (or quantity) of the primary & secondary fender? Based on the location of Detail 2 & 4 on Dwg. S 401, it appears as though it's a primary fender next to a secondary fender and the pattern repeats. This indicates there are fifteen (15) primary fender blocks and fourteen (14) secondary fender blocks. Please confirm if this assumption is correct.	Pending
85	Note 12 on Dwg. S 402 states no construction joints are allowed in the longitudinal direction. Due to the intricate nature of the fender beam & crane beam pours, these are typically poured separately from the reminder of the deck. Please advise if Note 12 will be reconsidered and construction joints in the longitudinal direction will be allowed.	Pending
86	Specs indicate that use of site material as fill is at the discretion of the Engineer. Since this is a Lump Sum bid, it is difficult to quantify and estimate the quantity of site material that can be reutilized as fill. Please advise if the select fill can be treated as a unit price item for the bid.	Assume all material is unsuitable. If determined otherwise a credit change order to Port shall be negotiated for use of any and all excavated site material reused as fill material on the project.
87	Will the Port provide access to DMPAs 9A and 9B ?	Pending
88	Can you confirm the question deadline? Bid documents say 10 days prior to the bid (which should be 5/14/17), but the Prebid agenda say by 5/10/17.	See response to question number 79.
89	Is this a job a prevailing wage or normal Inspection wages?	Pending
90	What type of testing NDT/NDE is required?	Pending
91	What welding process is being used?	Pending
92	Will there be vehicle driving access around the entire site?	Contractor's access to the project site is shown on Plan Sheets G-008 through G-010. Contractor may request additional project site access, 48 hours in advance of need, by submitting a request through the Port's Owner's Representative on the Berth 5 project.
93	Where do I find the Prevailing Wages pay scale	Pending
94	The spec calls fender performance of max R=120 kips (480 kips), min E=181 ft-kips (724 ft-kips) but the drawing calls for max R=514 kips, min E=1094 ft-kips. Please clarify	Pending
95	MSB-150 in writing on the drawings and spec. However, the drawing show a double bitt bollard. Please Clarify	Where double bitt bollards are shown on the drawings, double bitt bollards with the rated capacity are to be provided.
96	Are there any fencing requirements on the project that correspond with detail D on sheet 450 and if so , where?	No new fencing is inlcluded in the bid documents for Berth 5. Foley ditch and existing fencing is shown for informational purposes only.
97	Will jetting be allowed for the removal of existing railroad trestle 24” support piles?	No jetting is allowed for pile removal.
98	How long are the existing railroad trestle 24” support piles?	Please refer to the attached pdf file titled "Str Drawings1 for Responses to Pre-bid Questions_05172017" for approximate pile lengths.
99	What is the Engineer’s estimate for this project?	Opinion of construction cost is $25-$35 million
100	Is spiral weld acceptable for these piles? I don’t see anything in the specs that says spiral weld is not acceptable.	Spiral welded pipes will not be accepted for this project.
101	Are there any SBE requirements on this project?	Disadvanted Business Enterprise, DBE clauses and provisions do not apply for the Berth 5 project. The Port has made considerable effort to encourage small businesses as well as local, woman and minority owed businesses to participate. Same encouragement has been given to general contractors for engaging such business.
102	The details on the Tail Track #3 spur accommodation are unclear. Can section views along W6.45 line, W6.B line and in between W6.45 & W6.46 be provided?	See www.portpa.com reference Tailtrack drawings
103	The industry standard specification for pipe pile is ASTM A252 and not ASTM A572. Please advise if ASTM A252 with the required minimum yield strength is acceptable for the 48"Ø & 36"Ø Combiwall Piles and 54"Ø Pipe Piles.	ASTM A572 base material shall be used to produce the pipe piles according to ASTM A252.
104	Per project specs, we are required to pay prevailing wages according to Davis-Bacon act. But the meeting minutes indicates this is not a prevailing wage project. Please advise.	Pending
105	Please confirm the exact location of the existing pull box and usability and number of existing conduits to bring in the power to the new light poles. If the pullbox or existing conduits are not usable, please let us know.	Keyed note 1 on E-101 indicates the contractor is responsible for field verification of the pull box location and useability of the conduits.

106	Please confirm the number relays that are open in panel LCP-3 for power to the new lights.	Keyed note 8 on sheet E-101 indicates 3 relay positions may be available but the contractor is to field verify availability of relays/circuits.
107	Please confirm the number of circuits available from panel PBL3 for heat trace power.	We believe adequate spaces exist but it is the contractors responsibility to field verify the existing conditions.
108	Please confirm the number of circuits available from panel PBH3B for cathodic protection.	We believe adequate spaces exist but it is the contractors responsibility to field verify the existing conditions.
109	There is no cable schedule nor conduit schedule in the drawings. Please provide a conduit/cable schedule including for heat tracing applications.	Conduit and wire sizes are shown on the plan sheets. Heat Tracing is shown on E-250 as 2-#10 w/ 1-#10 Ground.
110	A question about page 82 of 148. It shows a cross section of rail that is built on wood ties that I believe is to be covered by asphalt. The track numbers read tracks #4 and track #5. And another cross section shows concrete panels on wood ties also marked as tracks 4 and 5? Are those tracks apart of this bid? Are any of these tracks being built on wood ties?	The sheet referred to is a structural demolition reference drawing and does not include any reference to new rail track construction for this project, (SD161)
111	Clarify if materials removed such as ballast and rail are the property of the contractor or the port? Please advise the yield strength/steel grade required on the W27 x 194#.	Note 3, SD100 should be clarified all rail track materials to remain port property.
112	Please advise the yield strength/steel grade required on the W27 x 194#. Specification 31 62 16.00 calls out ASTM A572 Grade 65 but Drawing S200 calls out ASTM A992. By definition, A992 is 50 ksi minimum yield strength.	ASTM A992, Gr. 65 is an applicable material specification.
113	Please advise the yield strength/steel grade required on the 48" and 36" Combiwall Pipe.Specification 31 62 16.00 calls out ASTM A572 Grade 65. Drawing S200 does not indicate the Grade.	ASTM A 572 Grade 65 steel plate shall be used in the manufacture of the rolled and welded steel pipe piles to meet the requirements of ASTM A252.
114	Please advise the yield strength/steel grade required on the 54"OD Pipe Piling. Specification 31 62 16.00 calls out ASTM A572 Grade 65. Drawings do not indicate a steel grade.	ASTM A 572 Grade 65 steel plate shall be used in the manufacture of the rolled and welded steel pipe piles to meet the requirements of ASTM A252.
115	The industry standard specification for pipe pile is ASTM A252….not ASTM A572. ASTM A572 applies to structural shapes, plates, bars, and sheet piling. Please advise if ASTM A252 with the required minimum yield strength is acceptable for the 48"OD and 36"OD Combiwall Pipe and 54"OD Pipe Piling	The pipe piles shall be manufacturered to meet the requirements of ASTM A252 from plate meeting A572 Gr. 65.
116	Please advise the yield strength/steel grade required on the AZ19-700 and AZ-26 Steel Sheet Piling.	Grade 65
117	Regarding the W27/AZ19-700 combiwall for the Bulkhead Improvement Wall: After review of the plans and consulting with our in-house engineer it was determined that the required spacing or system-width of 8'-3" cannot be achieved utilizing the specified components. The components that make up the system-width consist of: ¢ 2 pieces W27 x 194# Beam ¢ 2 pieces E22 Connector ¢ 1 pair AZ19-700 ¢ 2 pieces of cut-off interlocks (flanges) of AZ19-700. Please see the attached sketch of an achievable system-width utilizing the above components. NOTE: The maximum width of a cut-off interlock is 6-5/16". Please advise how we should proceed. Please do not hesitate to contact me with questions or comments.	The 8'-3" system width spacing between double W27 is achievable and is required to avoid conflicts with the existing relieving platform piles. Please refer to the updated details shown on Sheet S-301, Revision 1 in the Addenda.
118	What will be the work schedule?	See Article 6 - Contractor's Responsibilities of the Standard General Conditions to the Construction Contract.
119	How do we quote the job?	Lump sum per the bid form
120	Are their any special training/OSHA?	See Article 6. - Contractor responsibility. In addition, TWIC required if work is in restricted or secure area of port.
121	Do I quote Davis Beacon wages?	Pending
122	How bonding insurance is needed?	Berth 5 project specifications, Division 00 - Procurement and Contracting Requirements include provisions for and requirements of Sections Bid Bond 00 43 00.00; Standard Form of Agreement 00 52 00.00; Performance Bond 00 61 00.00; Payment Bond 00 61 50.00; as well as Article 5 - Bonds and Insurance of the Standard General Conditions of the Construction Contract.

123	Special Testing/Testing Agency/Laboratories: who is responsible for acquiring these services?	The successful bidder is responsible for all construction materials testing, as a part of the 'Contractor's Quality-Control Plan', Section 01 40 00.00 - Quality Requirements. The Port's 'Owner's Representative' will not be performing any construction materials testing. The Owner's Representative will be performing quality assurance services – auditing and ensuring the Contractor's construction quality control efforts. Part 1.4 A. 'Performance Requirements' of Specification Section 01 45 00.00 – Testing Laboratory Services, the first two sentences are revised to read as follows "At a minimum, the CONTRACTOR shall employ an independent testing laboratory to perform testing for work specified in the following sections:"
124	For jobs/fabrication of material done off site, will inspection oversee those fit-ups, welding process, and NDT procedures?	Special inspection by the Owner or the Owner's representative will be required except where the work is performed on the premises of a fabricator who is registered and approved to perform the work without special inspection. Contractor shall include the cost of these inspection services as part of his bid.
125	Dredging DWG C103 to C105 Cross sections of Stations 12+00 to 17+95 on Sheets 19 through 21 of the Contract Drawings show a keyway that is to be dredged to an elevation of -53.8 ft-NAVD. However, this elevation lies below the permitted dredge elevation of -48 ft-MLT plus 2 ft of overdredge plus 1 ft of advanced maintenance. Is the depth of this keyway permitted? Further, does the keyway elevation shown include 3 ft for overdredge and advanced maintenance, or should 3 ft be added to the elevation shown to account for overdredge and advanced maintenance?	Keyway depth is permitted. Refer to page 13 in the permit. The key is a design consideration for the stability of the slope. Keyway shall be cut to the elevation shown on the plans and does not require advanced dredging maintainance consideration.
126	Dredging Spec Section 35 20 23.15 Item D of 1.7 Quantity of Material in Section 35 20 23.15 states, "Side Slopes: Dredge side slopes as closely as practicable to the lines indicated or specified. Final dredged soil profile as measured vertically shall be within plus/minus one foot of the lines shown on the Drawings. Dredging beyond the one- foot allowance is not considered a payable item. Pay for material to be replaced and compacted." Regarding the keyway that is to be dredged to an elevation of -53.8 ft-NAVD, shown on cross sections of Stations 12+00 to 17+95 on Sheets 19 through 21 of the Contract Drawings, the side slopes shown may not be achievable along such a narrow dredge width. Will the Owner consider revising the language to indicate that the side slope requirements do not apply to the keyway as long as the elevation and widths of the top and bottom comply with that shown in the drawings?	The proposed option is acceptable, provided any over dredge is backfilled with with rap-rap.
127	Dredging DWG C103 to C105 It appears that portions of the dredge template, specifically from approximately Station 14+00 to 17+95 on Sheets 19 through 21 of the Contract Drawings, have been dredged in the past. Please provide records (i.e. AD xyz data, daily reports, final pay estimates, etc.) for past dredging events for areas within the template that have been dredged.	Pending
128	Dredging Spec Section 35 20 23.15 The last sentence of Item D of 1.7 Quantity of Material in Section 35 20 23.15 states, "Pay for material to be replaced and compacted." Will the Owner consider removing this sentence requiring that the contractor pay for material to be replaced and compacted in the event of overdredging side slope material? If not, what material will be specified to replace the potential overdredged quantity?	Replace the overdredge with riprap according to gradation No. 1 as specified in the specifications.
129	Dredging Spec Section 35 20 23.15 Item D of 1.7 Quantity of Material in Section 35 20 23.15 states, "Side Slopes: Dredge side slopes as closely as practicable to the lines indicated or specified. Final dredged soil profile as measured vertically shall be within plus/minus one foot of the lines shown on the Drawings. Dredging beyond the one- foot allowance is not considered a payable item. Pay for material to be replaced and compacted." Will box cutting be allowed along the slopes?	Up to the contractor's means and methods to meet the requirements to be within plus or mins one foot of slopes shown on drawings.
130	If a contractor intends to dredge both mechanically and hydraulically, will rehandling of material from one area to another within the dredge template be permissible?	Yes, provided water quality requirements are met.
131	Dredging Spec Section 35 20 23.15 1.9 Charges in Section 35 20 23.15 states, "Pay charges imposed by any Federal, State, or local agency for disposal of dredged material in an area outside of those specified in the Contract." Please confirm that the Owner will be responsible for payment related to the use of Dredge Material Placement Areas 8, 9A, 9B and 11. If not, what fees should bidders anticipate for use of these disposal areas?	Port not required to pay disposal fees.
132	Dredging Spec Section 35 20 23.15 Item 1 of C. Dredging in 3.3 CONDUCT OF DREDGING WORK, Section 35 20 23.15 states, "Upon approval of all required submittals, the area will be made available to verify allowable working hours and days with the Owner's Representative…". May dredging be conducted 24 hours per day, 7 days per week? Aside from dredging, would a 6 day work week be acceptable?	A 24 hour work week is permitted for dredging. Refer to the General Conditions for work weeks aside from dredging.

133	Pipe Pile Spec 31 62 16.00-1 & 31 62 16.00-5 It is unclear what grade material we are to use for steel piles. On 31 62 16.00 -1 it says A252 for welded and seamless steel pipe piles. Then, on 21 62 16.00 -5 it says A572-Gr. 65. Please advise.	The pipe piles shall be manufacturered to meet the requirements of ASTM A252 from plate meeting A572 Gr. 65.
134	In addition to the time extension previously requested, we also respectfully request that the deadline for questions is extended by 2 week.	Sealed bids addressed to the Port of Port Arthur for the Berth 5 Expansion Project will be received at the office of the Port Director, Floyd Gaspard, until 10:00 a.m. local time on June 21, 2017 and all bids received will immediately thereafter be opened and read on June 21, 2017 at 221 Houston Avenue, Port Arthur, Texas. Please review all available documentation. Questions regarding the project will be accepted until 5:00 pm, Wednesday, June 7, 2017. Direct written questions to larry@portpa.com
135	On Drawings S-150, the grouted tiebacks are shown at a 12H:4V batter. Can this batter be adjusted by grouted tieback contractor?	The Contractor shall provide his drawings and calculations that support such a variation to the design drawings. The drawings and calculations shall be prepared and signed by a Professional Engineer registered in the State of Texas and submitted to the EoR for review and approval before the Contractor can pursue such variation to the designs.
136	Can you please provide foundation details (foundation type, depths, spacing, etc.) of the foundation that is holding up the German Pellets conveyor structure near grouted tieback lines B6.1, B6.2, B6.3 that may interfere with grouted tieback installation? Can you verify distance between edge of German Pellets conveyor foundation element and the existing bulkhead?	Pending
137	Can you provide a drawing showing a section view of the existing precast concrete waler/existing AZ 12-700 sheetpile wall which the existing tie rods tie into? Specifically, what is the bottom elevation of the AZ 12-700?	See www.portpa.com reference Relieving Platform Drawings
138	Will the be an office trailer for QA/QC to set up.	Contractor to determine/establish
139	Is quality inspection/quality assurance on this job part time or	See Specification Section 01 40 00 00 - Quality Requirements, as required to perform contractor's quality control/assurance inspections.
140	Do QA/QC remain onsite the entire project.	See Specification Section 01 40 00 00 - Quality Requirements, project quality control manager shall be full - time personnel.
141	Do we use the GSA to calculate per diem.	This project is not a federally funded project.
142	Are we allowed to side cast dredged material that will be excavated from near the bulkhead into the water inside the dredge prism?	Yes, provided water quality requirements are met.
143	Can the lengths of the piles under the existing rail trestle and breasting dolphins be provided?	Please refer to the attached pdf file titled "Str Drawings1 for Responses to Pre-bid Questions_05172017" for approximate pile lengths.
144	Spec section shows a check valve is needed. But we were unable to identify the location on the drawings. Please provide locations for the check valve	Pending
145	Does the crane rail pocket get filled with grout?	Pending
146	Drawing E250, detail 3 (Power Box Detail - Wharf Connection) & detail 4 (Power Box Heat Tracing Detail), both reference "FLOTSAM PROTECTION BARRIER". Please provide a detail of the flotsam protection barrier."	Construct per E250
147	The non-domestic ASDO M115/105 bar specified on the plans has a yield strength of 974 kips, and ultimate strength of 1285 kips. The 442 kips design load is called out as a service load, which typically can't exceed 55% or 60% of the yield strength. The largest diameter bar we carry in Grade 75 is #28 (3-1/2" dia, 961 kips Ultimate, 720 kips Yield), and in Grade 150 the largest is 3" (969 kips Ultimate). As far as I know, we carry the largest diameter bars in the US.	No comment
	Am I interpreting the plans correctly, would either our #28 GR75 or 3" GR150 be acceptable?	Articulated tie-rod systems that meet all the project requirements shall be considered.
148	Is Railroad Protective Insurance required due to the location of the access road.	See link on website www.portpa.com click on Public Notice and Insurance Requirements, Attachment A, Addenda 2
149	Spec section 00 02 00.00-5 states hat the Owner is exempt from State and Use Taxes on material and equpment and taxes should not be included in Contract price. General Conditions section 6.10, states Contractor shall pay all sales, consumer, use and other similar taxes required to be paid by Law.... Please clarify what tax exemptions are applicable?	The Port is exempt from State and Use Taxes on material and equpment and taxes should not be included in Contract price. The successful contractor will be provided with a copy of the Port's exemption certificate.
150	Rail - Are any quantity take offs for the project provided? I can't find any track footages or totals in the Summary of work on 1-11. Do we just have the drawings to go by? Also, what sections of tracks are to be wood ties and what sections are to be anchored into concrete as both are shown on page 82 of the drawings?	The contractor is to base their estimate for track footages and related items based on the drawings provided.

151	Dust Control - In Section 44 11 23.00 - Dust Control Plan, Paragraph 1.5.A.1.b, requires that the contractor must "Specify the method of measurement to control the parameters per NAAQS". We reached out to TCEQ about appropriate measurement means and methods as well as acceptance criteria that is specific to a construction site and their response was: "Title 40 CFR Part 58 establishes regulatory NAAQS monitoring requirements for the state, but those requirements apply to the state's NAAQS monitoring network and are not specific to an individual action or project… there is [also] not a dust control requirement in the maintenance SIP (applicable for Hardin, Jefferson, and Orange Counties)." What types of measurements are required for conformance with this specification and what is the standard reference for performance criteria?	Pending
152	Ground Water Controls -Section 01 57 25.00 - Ground Water and Surface Water Control has many stipulations for monitoring and lowering the ground water table using piezometers, wells, etc. Do we have to follow these guidelines if we are able to ensure that soil, pipe, etc. are placed in the dry?	Pending
153	Construction Exit Geotextile - On sheet G 150 detail no. 3, entitled Stabilized Construction Entrance/Exit Detail, indicates a geotextile fabric per spec 31 05 19.13. Section 1 57 14.00 - Stabilized Construction Exit, Paragraph 2.1.B gives a different specification than Section 31 05 19.13. Which applies to detail no. 3?	Pending
154	Geotextile Properties - Section 31 05 19.13 - Geotextile, Paragraph 2.2.D gives the minimum properties of geotextiles. We are having a difficult time finding a material that has a permittivity of 0.20, however that is a reasonable value for permeability. Is this actually supposed to be a specification for permeability?	Pending
155	Regarding fenders, will the customer can accept factory testing with US 3rd party agency certification (American Bureau of Shipping)	Yes, but fenders must comply with performance specifications Division 35, Rubber Marine Fenders 35 59 13.19 AND the Berth 5 fender face must align with existing fender face of Berth's 3 and 4
156	DWG-E101: There are [3] 2" conduits to be installed (Power; Comm. & Spare). Please provide the type and size of wire/cable to be installed in these conduits.	Contractor to provide 2" ducts as specified. Reference 26 05 19.00 for electrical. Comm and Spare for future use.
157	DWG-E101: Layout Detail shows [3] conduits from the pull box the light fixtures. Please provide the type and size of the wire/cable to be installed in these conduits.	Contractor to provide 2" ducts as specified.
158	DWG-E101: NOTE-9; Please provide details for the "Calypso Legacy Lighting Control" requirements listed here.	To be verified by contractor.
159	DWG-E250: Please provide dimensions and NEMA Type for the Power Boxes in the Wharf Power Box details.	Concrete power box is cast in place on wharf. Surface load rating H-20. Detail 1 on E250 directs contractor to detail S459 for exact detail and location.
160	DWG-E301: Please provide part numbers for the 2-fixture and 4-fixture bullhorns.	Total of 6 fixtures on 1 pole
161	DWG-E301: Fixture "Type -C" is not shown on plans. Please provide a location and quantity for this fixture.	Please clarify.
162	Are there any Panel Schedules available for these existing panels located in Electrical Room-3?	Reference www.portpa.com VZM Phase II drawings, E3.
163	Sheet S 308, Detail 1 calls out (16) #6 as shown w/ #5 @ 12" O.C., E.A. face. Detail 3 calls out #6 @ 12" O.C., E.A. face. What size bar is used for the horizontal U shapes? Also, the U's next to the pipe are shown to have 4' legs. What is the distance between the legs (i.e. parallel to the sheet pile)? Also, what is the spacing between the vertical rebar in detail 1?	Pending
164	What is the length (or tip and top elevations for the existing AZ 12-700 bulkhead sheet pile wall that the W-pile combi-wall will be set in front of?	Pending
165	Rubber Fenders, Spec Section 35 59 13.19 Section 1.3.A Bid Submittals lists the items to be included in the bid proposal. These are not mentioned in the ITB or during the pre-bid meeting. Please confirm if the are required with the bid proposal or not.	Pending
166	Rubber Fenders, Spec Section 35 59 13.19. End of the Section states the Fender System shall be manufactured and supplies by Maritime International, Inc or approved equal. Please confirm if IRM Offshore and Marine Engineers PVT. LTD. Is an approved equal or not at this time.	Pending
167	The typical elevation for the top of the 48" king pile is approximately +11.16 and the elevation of the tie-rod is at +2.83 which means the tie-rod is over 8 ft down from the top of the pile. Instead of having someone enter inside the pile to weld, would it be acceptable to weld the 8" tie-rod pipe to the 48" king pile from outside of the pile.	Pending
168	Please indicate the tip elevation for the closure sheetpiles & connectors between the combi-pipe pile wall & the W-pile King pile wall (Dwg. No.: S301, View 3)	Pending
169	Drawing CD101 shows 4 existing storm sewer pipe outlets to be removed at gunite drainage structure. During the site visit it was noted that there is an additional storm sewer outlet on the north end of the gunite ditch. Please define if the storm sewer pipe not shown on drawing CD101 is currently in use and additionally please define the proposed design intention for the storm sewer outlet.	Pending
170	Please confirm there is no "Buy America" clause applicable for this project,	Buy America clauses and provisions do not apply to this construction contract.

171	3.2.1E - Testing Certification -We understand that port requires independent testing of fenders with no influence of the manufacturer, may we request all the bidders are required to test the fenders at independent test facility in USA without giving advantage to any single supplier OR/ port permits all the manufacturer to test the fender at their location (irrespective of country of test location) where the testing is carried in presence of 3rd party independent inspection agency in accordance with the specification.	Pending
172	Type of Fender:- Currently drawing and specs shows leg fender as the type of fender. We assume port has verified the clearance suitability of the same in case of any over-compression of fender by the ship berthing in accidental situation - Please confirm. (our suggestion would be to look at Cone type of fenders).	Pending
173	Can the Port of PA please provide the data points from the Hydrographic Survey be provided?	Pending
174	Will the Port of PA accept stone placement around pile voids in the articulated mats in lieu of non-shrink grout shown on Sheet C250 Detail.	Pending
175	Request from the articulated mat vendor: Hydraulic Data, Plan View Drawing(s) and Cross Section Drawing(s) for Articulated Block Mat.	Pending
176	Bollard:- 5. 5 specs calls for MSB-150t mooring bollard or approved equal, while drawing calls for 200t. Please confirm do you need 150t or 200t bollard capacity.	Pending
177	The product code on the drawing is used as MSB200. While the product shows in Double Bit (MDB). Please confirm do you need Single Bit type bollard or Double Bitt a shown on the drawing?	Pending
178	Please provide the column lines for the primary and secondary fender assemblies	Pending