

AMENDMENT OF SOLICITATION

1. AMENDMENT NO. 02	2. EFFECTIVE DATE – 4/04/2024	3. PAGE 1 of 5
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4. ISSUED BY: **Fluor-BWXT Portsmouth LLC**
P.O. Box 548
3930 US Route 23 South
Piketon, OH 45661

5. NAME AND ADDRESS OF CONTRACTOR (<i>Name, street, county, state & zip code</i>) All Offeror(s)	6. AMENDMENT OF (RFP) SOLICITATION NO. FBP24SC153827	DATE 3/14/2024
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7. The above numbered solicitation is amended as set forth in Item 8. The hour and date specified for receipt of Offers ___ is extended X is not extended.
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:

(a) By completing Items 5 and 9, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or e-mail which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by e-mail or letter, provided each e-mail or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

8. DESCRIPTION OF AMENDMENT

Except as provided herein, all terms and conditions of the document remain unchanged and in full force and effect.

Add the following to the aforementioned Request for Proposal:

1. See attached Question & Answer Rev 1 dated 04/03/2024 with Offerors questions #38 through #50 being added and associated answers by FBP.
2. Per Question & Answer Rev 1 dated 04/03/2024 see answer to Question #2 in red.
3. Per Question & Answer Rev 1 dated 04/03/2024 see revised answer to question #30 in red.
4. Question & Answer period is closed.

Request for Proposal due date of April 10, 2024 at 2:00 p.m. EST remains in effect.

9A. NAME AND TITLE OF SIGNER (<i>Type or print</i>)	10A. Fluor BWXT Portsmouth LLC Kenneth Conner – Contract Administrator		
9B. CONTRACTOR/OFFEROR <hr/> <i>(Signature of person authorized to sign)</i>	9C. DATE SIGNED	10B. <i>K.E. Conner</i> <hr/> <i>(Signature)</i>	10C. DATE SIGNED 4/04/24

QUESTION & ANSWER - Rev 1 - Dated 04/03/2024
X-333 Demolition Water Detention and Conveyance System
Solicitation No. RFP-FBP24SC153827

Item No.	OFFEROR's QUESTIONS	FBP's ANSWERS
1.	For clarification purpose, the X-333 Building is NOT being demobed in this RFP, this appears to be a containment berm for future demo water during the future demolition of the X-333, is this correct?	This is correct, RFP-FBP24SC153827 is not for demolition of the X-333 Facility. This RFP is for the installation of the containment berm in preparation for future demolition of the facility.
2.	Offeror has been unable to find specifications for the HDPE underdrain piping. Can the following be supplied - DR rating, joining methods and perforation patterns?	The underdrain piping should be DR 11 IPS, perforated pattern should be two rows of 3/8" diameter holes 120 degrees apart and 4" c/c. Preferred joining method is butt fusion weld.
3.	Are the base ells and slider rail systems being provided with the "GFE" sump pumps?	Company to supply (8) Grundfos submersible pumps, Model S1.30.A50.540.4.62H.S.320.G.EX.D.611, Product No. 97660708. Contractor to provide base ells and slider rail system including all required materials per design.
4.	Are the "GFE" Fiber Hand Holes being supplied to be applied to Detail 26 on X-333-C-34533 Rev F?	Leak Detection Detail 36 on drawing X-333-C-34533 Rev F 12"x12"x12" fiberglass handhole with H-20 rated bolted cover to be provided by the Contractor. Company to provide the (26) Electrical Handholes 28-1/2" Lx15-1/2" Wx22"H per drawing X-333-C-34529 Rev F.
5.	<p>Drawing X-333-E-34544 "One Line and Riser Diagram" for the new 12-Strand SM Fiber Cables. The Fiber Riser Diagram and other contract drawings provide enough information to furnish and install the two (2 ea.) underground 2" PVC conduits (1- spare and 1-with Fiber Cables) around the X-333, West from the North-West corner of the X-333 to the North-West corner of the X-330, South along the West side of the X-330, and from the South-West corner of the X-330 to the existing Sump Pump Station at the North-West corner of the former X-326 building; where it connects to an existing Fiber Patch Panel at that location. From that point, the Riser Diagram shows two (2 ea.) new 12-Strand SM Fiber cables being installed in an existing spare 2" conduit through three (3 ea.) existing Hand Holes to FP-X-740 Fiber Patch Panel; and from there to the existing FP-X-622 Fiber Patch Panel.</p> <p>Offeror cannot find any drawings issued with this project that shows or identify the path of the existing spare 2" conduit as it continues South from the North-West corner of the former X-326 Building to the existing FB-X-740 Fiber Patch Panel, and from there to the existing FB-X-622 Fiber Patch Panel. Offeror needs to calculate how much 12-strand SM Fiber Cable will be required for this project, as well as how many existing hand holes there might be that will require additional labor to loop the new Fiber Cables through.</p> <p>Please provide scale drawings that show the path of this spare 2" conduit, located possible hand holes along the route, and locations of the existing FB-X-740 and FB-X-622 Fiber Patch Panels.</p>	Reference drawing X-333-C-34531 Rev F and assume approximately 500ft from Handhole HH-330-8 to FP-740-1.
6.	Can the duties of OS&H Rep and IH Rep be performed by the same person, provided that person meets all the requirements in sections 3.3 and 3.4 of Attachment J-13?	Provided that person meets all the requirements as specified, OS&H Rep and IH Rep may be performed by the same person
7.	Is participation in the pre-job meeting a requirement to bid?	No, it was not a requirement.
8.	Will FBP extend the proposal due date by 2 weeks?	Proposal due date extended by April 10, 2024 (1 week) at 2:00 p.m. EST.
9.	<p>Section 3.0, "Construct entire containment area and remove any obstructions (other than utilities addressed by Company) found in excavation" what obstructions will remain?</p> <p>Will FBP provide an estimate of how much debris will require offsite disposal?</p>	The X-333 Demolition Water Detention and Conveyance system detail the remaining obstruction. All other obstructions are detailed on the lists of drawings X-333-C-34921 and X-333-C-34922. FBP will not provide an estimate for offsite disposal. There is no offsite disposal other than the Contractors sanitary waste.
10.	Section 3.0, "Construction of all Berm Equipment Crossings. For fill under equipment crossings, structures, and roadways; if contractor elects to use of company supplied soils for structural fill it is the responsibility of the contractor to perform required laboratory testing to ensure fill is suitable for use." What are the compaction specifications for this work? Does this mean FBP will deliver structural fill to the project?	Compact general fill material in each lift to at least 95% of its standard proctor maximum dry density as determined by ASTM D698. In areas under roads, compact the uppermost of fill material to at least 98 percent of its standard proctor maximum dry density as determined by ASTM D698 or the one-point proctor method for determining maximum dry density and optimum moisture content. Compact fill material at a moisture content within ±4 percentage points of the standard proctor optimum moisture content as determined by ASTM D698. FBP will not deliver structural fill to the project.

11.	Section 3.0, "Contractor construct truck wash pads including penetration and piping through the liner system. Company will provide truck wash and trough system; contractor is responsible for installation" who performs the tie into site water supply?	Tie into site water supply for truck wash and trough system will not be performed as a part of this SOW.
12.	Is rad worker training required for this scope of work?	RAD Worker training will NOT be required for this scope of work.
13.	Is the project tax exempt?	Yes
14.	During the pre-bid conference, a POP of 256 calendar days was mentioned, are there FBP PBIs tied to this schedule milestone?	FBP PBIs are not tied to this milestone schedule. Period of Performance of 256 calendar days after Notice to Proceed is for completion of X-333 Demolition Water Detention and Conveyance System including Sumps and Panels, X-333 Demolition Tunnel Sealing including Track Alley and Area Control Room Basement, Truck Wash Pad and Construction Power.
15.	Are ACM, PCB, or Fuel oil abatement services to be provided by FBP?	FBP does not anticipate ACM, PCB or fuel oil abatement in this scope of work. Any fuel leaks by the contractor shall be the responsibility of the contractor.
16.	Will FBP generate as left drawings after above and below grade utilities are removed?	Contractor to consider the X-333 Above Grade and Below Grade utility isolation drawing package included for information and reference only. Contractor to assume utilities that have been removed and utilities that remain.
17.	Is sub-grade utility location service provided by FBP?	FBP to provide subsurface survey service of sub-grade utilities associated to the X-333 Facility prior to award. If further sub-grade utility location services are needed, then services will be the responsibility of the Contractor.
18.	The SOW discusses construction and installation of the X-333 WDS; is operational testing performed by FBP?	Operational Testing to be performed by Contractor
19.	Can FBP describe the end state criteria, handoff to FBP, for this project?	Operational and accepted X-333 Demolition Water Detention and Conveyance System including sumps and panels, X-333 Demolition Tunnel Sealing including track alley and area control room basement, and Truck Wash Pad(s) and Construction Power in compliance to the design package.
20.	Will FBP be working in the same work area during WDS construction?	Yes
21.	Can FBP specify the location (distance from construction area) of "To achieve this contractor may have to stockpile graded soil for later use"?	Contractor may stockpile graded soil within the roadway boundaries to the face of the X-333 Facility.
22.	Section L.6 lists the NAICS code for this project as 238160. Is that correct?	NAICS Code is changed to 562910.
23.	Given the complexity of this RFP and identifying the scope of work changes from the previous X-326 Water Detention and Conveyance contract, would FBP consider extending the Proposal Due Date two weeks (14 calendar day) to allow for more competitive pricing?	Proposal due date extended by April 10, 2024 (1 week) at 2:00 p.m. EST.
24.	The NAICS code listed for this acquisition is 238160 (Roofing Contractors). Would FBP consider changing the NAICS code to 562910 (Environmental Remediation)?	NAICS Code is changed to 562910.
25.	The RFP states the performance period under this contract is 346 calendar days from Notice to Proceed. Is this contract associated with a Performance Based Incentive (PBI) for Fluor-BWXT Portsmouth LLC?	This contract is NOT associated with a PBI.
26.	Will FBP return the Water Detention and Conveyance System area to grade to acceptable building specifications before any construction begins? If so, can FBP provide compaction data to the contractor? If not, can FBP provide inverts to the bottom of the disturbed area during utility removal where the compaction should start?	No. Inverts provided in the X-333 above grade demolition package.
27.	Will FBP provide the winning contractor CAD files for final grading of the berm and liner area?	Yes. Upon request and per delivery procedure.
28.	Will CQC inspection be required at the manufacturer's location?	Yes

29.	What is the disposal process and procedure for the diesel tank removal?	Diesel tank removal is not in this scope of work.
30.	Will temporary/vendor deliveries (e.g. concrete trucks, fuel trucks, pump trucks, portlets, etc.) be exempt from UE5 requirements? Will they be required to have a badge?	Temporary/Vendor deliveries (e.g. concrete trucks, fuel trucks, pump trucks, portlets, stone deliveries etc.) will NOT be exempt from the radiological release requirements. For bid purposes, assume a three (3) normal work hour duration once per day for temporary/vendor deliveries radiological monitoring & review. Vendors will be required to have a visitors badge.
31.	The RFP states FBP is providing the classified fill material. If the provided fill material does not meet the minimum specifications for placement, who is responsible to dispose of that material and provide acceptable material?	The excavated soil for the berm is classified for fill material. Contractor shall grade excess material within the roadway boundaries of the X-333 Facility, if any, at the direction of FBP.
32.	Will FBP provide the tie-in detail for the new conveyance line connection to the existing conveyance line, regarding radiological contamination of the existing line? What radiological processes are applicable for tying into the existing X-326 conveyance line? How will any fitting be added into the potentially contaminated piping?	Refer to Detail 32, X-333-C-34533 Rev F in project drawings. Tie-in location to the existing X-326 conveyance line is not considered contaminated.
33.	RFP states the sanitary sewer manholes are to be sealed by the Berm Contractor. Sanitary sewer sealing and isolation is to be performed by FBP. This is confusing, please clarify scope and responsibilities.	The X-333 above grade utility isolation drawing package was included for information and reference only. Drawing X-333-C-34732 of the above grade utility isolation package has two notes stating "Sealing of the sanitary sewer manholes shall be performed by the berm and liner contractor". This RFP is for the berm and liner contract, however, the two notes on the Above grade isolation drawing are incorrect. Sealing of the sanitary sewer manholes will be performed by the company (FBP) .
34.	RFP states the contractor is responsible for all CQC. Please confirm that third party testing/inspections for soils is to be included in the contractor's pricing?	Confirmed
35.	Will FBP provide the limits of the IEZ?	See attached map for IEZ limits of X-333 and surrounding facilities.
36.	What is the intent of the Milestone Schedule where the sequence is not in a continuous pattern? Will FBP consider modifying the sequence to create a continuous workflow?	FBP will not consider modifying the sequence of the milestone schedule.
37.	Will FBP remove any radiological or asbestos containing material uncovered by the contractor during the execution of the work?	This contract does not require the Contractor to remove any radiological or asbestos containing material.
38.	Heat trace details on the mechanical piping: What is the total length of pipe that will need heat traced?	Note 1 on drawing X-333-C-34527: Heat trace and insulate all exposed piping. See typical detail 28 on drawing X-333-C-34532 and Specifications on drawing X-333-C-34542.
39.	Item 30 of Amendment 1 states, temporary/vendor deliveries shall be assumed to require a 6 hour UE-5 processing. Will this apply to stone delivery trucks as well?	Temporary/Vendor deliveries (e.g. concrete trucks, fuel trucks, pump trucks, portlets, stone deliveries etc.) will NOT be exempt from the radiological release requirements. For bid purposes, assume a three (3) normal work hour duration once per day for temporary/vendor deliveries radiological monitoring & review. Vendors will be required to have a visitors badge.
40.	What is included in the company furnished conveyance line HDPE Valve Boxes? Based on drawing X-333-C-34533, it appears everything shown in section D will be provided as one unit.	Company to furnish the HDPE valve vault and cap, Contractor is responsible to provide internal equipment and material (gate valve, support, threaded tap, piping, tec).
41.	Please confirm only the utilities/obstructions noted on X-333-C-34921 and X-333-C-34922 are by offeror and all other items within the limits of the berm will be removed/capped by the Company.	No, Contractor is responsible for all items noted in the X-333 Demolition Water Detention and Conveyance System Drawings which include drawings X-333-C-34921 and X-333-C-34922.
42.	It was noted in the prebid that the conveyance pipe and fittings will be provided by the Company. This material is not listed in section 4.0, Company furnished material. Please clarify.	Contractor to furnish and provide conveyance pipe and fittings.
43.	Will the (4) four additional valve vaults/valves not shown on drawings that are to be installed in lieu of the caps that are shown on the current drawings be provided by the Company?	Yes
44.	SOW - FBP is responsible for removing underground utilities. Will FBP proof roll the area after utilities are removed?	No
45.	The drawings currently indicate one (1) stabilized construction access to the work area. Can additional construction access points be added by the contractor?	Awarded Contractor may request additional construction access points.

46.	<p>Drawing X-333-C-34522 - Note 2 references concrete and stone components/materials to be installed for the truck wash station. The Section provided on the drawings does not show or reference concrete. Please clarify if concrete is required.</p>	Concrete is not required.
47.	<p>Given the current work taking place in the X-333 Building, will FBP require personnel access points to the X-333 building for workers involved with work inside the building under different contracts?</p>	Access to buildings will be required. Anticipate one access point on the north end and one access point on the south end.
48.	<p>The drawings indicate there are existing concrete foundations that will not be removed from the containment area. Will FBP provide the clay fill material as structure padding for these existing concrete foundations?</p>	Suitable soils for this activity will be located in scope excavations.
49.	<p>Will FBP identify a lay-down area for the contractor? If so, can FBP share the location?</p>	Yes, within the footprint and surrounding area of the facility.
50.	<p>Amendment 1 - Question & Answer 12 - FBP indicated Rad Worker Training would not be required for this SOW. Under Section 3.0 Description of Work – Specific, item/bullet 17, indicates “the conveyance line tie-in, at the X-326, will be performed under radiological controls”. What are the required radiological controls for this tie-in?</p>	Refer to Detail 32, X-333-C-34533 Rev F in project drawings. Tie-in location to the existing X-326 conveyance line is not considered contaminated.