



Procurement Department - Bid Office  
225 N. Pearl Street  
Jacksonville, FL 32202

November 26, 2024

ADDENDUM NUMBER: Two (2)

TITLE: Pearl Street Offsite Remedial Action and Parking Lot

JEA IFB NUMBER: 1411808846

PROPOSAL DUE DATE: ~~December 3, 2024~~ **December 10, 2024**

TIME OF RECEIPT: 12:00 PM

TIME OF OPENING: 02:00 PM

**THIS ADDENDUM IS FOR THE PURPOSE OF MAKING THE FOLLOWING CHANGES OR CLARIFICATIONS:**

**JEA is extending the bid due date to December 10, 2024**

**JEA is providing the following files:**

- 1411808846 Addendum 2 Appendix A - Drawings**
- 1411808846 Addendum 2 Appendix A - Technical Specifications**
- 1411808846 Addendum 2 Appendix B - Bid Workbook**
- 1411808846 Addendum 2 Appendix C - Cost Estimate**
- 1411808846 Addendum 2 Appendix C - Figure 7A - Proposed SO Excav & SB Loc**
- 1411808846 Addendum 2 Appendix C - JEA Pearl Street - Cross Section**
- 1411808846 Addendum 2 Appendix C - Soil boring log**
- 1411808846 Addendum 2 Appendix C - Vol 2 W WW Dist and Coll Details 2024**
- 1411808846 Addendum 2 Appendix C - Table 1 GW Elevations**

**JEA is responding to the following questions as shown below:**

**1. Question:**

The minimum qualification for the Pearl Street Offsite Remedial Action and Parking Lot Expansion states “contractor must have a State of Florida General Contractor’s License”. Will JEA change this to the “contractor must have a State of Florida General Contractor’s License or a Certified Underground Utility and Excavation Contractor’s License” seeing how the work is all Horizontal work??

**Answer:**

Based on the Florida Statute definition of an Underground Utility and Excavation Contractor, we do not want to change the minimum qualifications to include this type of contractor. The contractor must have a State of Florida General Contractor’s License.

**2. Question:**

Will JEA provide a Density Testing Allowance per Section 2.87 of the solicitation document?

**Answer:**

No, it is the Contractor's responsibility to subcontract a geotechnical engineering firm to perform density testing.

**3. Question:**

Is compaction testing the responsibility of the Contractor or the Owner's Representative?

**Answer:**

No, it is the Contractor's responsibility to subcontract a geotechnical engineering firm to perform compaction testing.

**4. Question:**

Liquidated Damages occur 210 days after NTP, is this based on workdays (M thru Fri) or calendar days?

**Answer:**

Liquidated damages will be based on calendar days and not workdays.

**5. Question:**

Are JEA badges required?

**Answer:**

Yes. The JEA Project Manager will determine with the Contractor what personnel must have a JEA access badge.

**6. Question:**

Please confirm that JEA will provide at least five (5) access badges for the security gates.

**Answer:**

Badge necessity will be determined by the JEA Project Manager during the project kickoff meeting. Please refer to Section 2.110 of the solicitation. *"The Project Manager or other JEA Representative will determine whether or not such individual must have a JEA access badge prior to accessing JEA facilities or properties. This determination will be made based upon the business need and in accordance with JEA's applicable security policies and procedures. In no event shall individuals share JEA access badges"*.

**7. Question:**

Please confirm that contractors are allowed to park within the jobsite, Section 2.171 Construction Parking states that "No company employee vehicular parking will be allowed within the construction footprint."

**Answer:**

Parking will be allowed during work hours only. We will not be able to accommodate overnight parking. Also, the type of vehicle will need to be limited – nothing larger than a 750-dump truck (no tractor trailers or low-boys). During the day, parking can be accommodated due to trucks out in the field working.

**8. Question:**

During the bid walk, a potential staging/office area was identified in the open field directly north of the Advanced Design and Packaging Inc (AD&P) property. Does JEA own this property? If so, can it be used for staging, parking, and temporary offices? If not, can JEA provide any other areas in the immediate Site vicinity that can be used for staging, parking, and temporary offices?

**Answer:**

No, this property is not owned by JEA and is listed by FDEP as a contaminated property known as the Clark Pest Control site. This property is not acceptable as a staging area due to potential of cross contamination.

Previously, the grass area located directly south of the entrance to the site (east side of the property) has been used as a location for an office trailer and staging area. Regarding parking, please refer to question #5.

**9. Question:**

Has a wage determination been established for this project?

**Answer:**

Prevailing wages do not apply to this project.

**10. Question:**

Fig. G-103, Legend shows non-Thermoplastic striping, but the Callout Arrow indicates Thermoplastic. Please confirm which type and if Thermoplastic, please provide specifications.

**Answer:**

Non-thermoplastic striping shall be installed. Construction drawing G-103 has been revised and included with this Addendum.

**11. Question:**

Please provide the discharge limits for the POTW – flow rate, contaminate limits etc.

**Answer:**

The awarded Contractor will be responsible for obtaining a groundwater discharge permit to JEA’s Buckman WWF. JEA’s Engineer has estimated that an expected discharge flow rate is between 110 - 133 gpm. The discharge limits to the Buckman WWF can be located at the website link below.

[https://www.jea.com/About/Wastewater/Industrial\\_Pretreatment/Local\\_Discharge\\_Limits/](https://www.jea.com/About/Wastewater/Industrial_Pretreatment/Local_Discharge_Limits/)

**12. Question:**

In order for bidders to provide equivalent pricing and scope of work, please provide specifications for the dewatering treatment system – design contaminate and influent concentrations, treatment method and size (carbon vessels?), flow rate, etc.

**Answer:**

For bidding purposes, assume one (1) rental 6-inch pump with hoses, diesel fuel, and with six (6) well points for one (1) month.

The design contaminants consist of tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2 dichloroethene (cis-1,2 DCE), vinyl chloride (VC), chlorobenzene, polychlorinated biphenyls (PCBs), and arsenic.

The groundwater and accumulated stormwater shall be extracted and passed through a granulated activated carbon treatment system. The system shall at least consist of a 21,000-gallon settling tank (frac tank), a duplex bag filter with 25-micron filters, 2 – PC20 carbon absorption vessels with 1,500-lbs of carbon each, a duplex bag filter with 0.5-micron filters, a flow meter and an anti-siphon loop. Bid item includes mobilization/demobilization of the dewatering treatment system and installation/removal of well points.

**13. Question:**

Has JEA finalized the Groundwater Discharge Permit for this project? If so, please provide it. If not, when will this permit be finalized?

**Answer:**

The awarded Contractor will be responsible for obtaining a groundwater discharge permit. Please refer to question #11 for additional information related to the groundwater discharge permit.

**14. Question:**

For the purpose of the Dewatering Plan, please provide well data indicating the anticipated groundwater elevations within the ditch and stormwater vault area.

**Answer:**

The most recent groundwater elevation data is summarized in Table 1 and included with this Addendum.

**15. Question:**

To support the Dewatering Plan, please provide the available boring logs and geotechnical reports.

**Answer:**

Soil boring logs are included with this Addendum.

**16. Question:**

Please confirm that FDOT guidelines for Compaction Under Wet Conditions will apply to any structures installed within or immediately above the groundwater table.

**Answer:**

If dewatering is needed to achieve compaction requirements, please include dewatering cost in your bid. The FDOT guidelines for compaction under wet conditions may only be used in limited areas with advance approval by JEA's Engineer.

**17. Question:**

Please clarify the locations of the sanitary sewer manholes that can be used for groundwater and contact water discharge.

**Answer:**

There is a cleanout located on the southside of the small building in the southeast portion of the property that was used as a discharge location during the 2008 Dense Non-Aqueous Phase Liquids (DNAPLs) construction dewatering activities. Additionally, there is a sanitary sewer manhole located in the southwest portion of the property (employee parking lot area) that could also be used. These locations are options that will need to be approved in the JEA GW discharge application.

**18. Question:**

Night shifts may be required for dewatering and/or water management. Please confirm that work can be performed at night, as necessary.

**Answer:**

Dewatering activities will be allowed to be conducted overnight, as necessary and with approval from JEA.

**19. Question:**

Please provide CAD files for existing conditions and final design.

**Answer:**

CAD files will be provided with Addendum 3.

**20. Question:**

For takeoff purposes, please provide the CAD files used to produce the IFB Drawings (1411808846 Appendix A – Drawings PDF).

**Answer:**

CAD files will be provided with Addendum 3.

**21. Question:**

Will contractor have full access to the site, meaning, project will not be limited and done in phases.

**Answer:**

The awarded Contractor will have full access to the work areas on site but must coordinate with the JEA facility management on traffic flow and parking. For portions of the work site that construction is not occurring, JEA may request to use the area for parking, if it doesn't conflict with construction activities and is safe.

**22. Question:**

Figure GD100-Stormwater Demo Plan – Shows sanitary sewer and storm manhole at the same location to be removed. Figure GP100 shows the sanitary manhole to be raised and remain. Please confirm that there is no stormwater manhole to be removed at this location and that the sanitary sewer manhole is to remain in place.

- a. Is the intent not to “square” off the limits of disturbance in order to make the final restoration product appealing?

**Answer:**

Construction drawing GD100 has been updated and included with this Addendum. Regarding the final restoration, the Contractors should bid accordingly to the bid form, construction drawings, and the technical specifications. The intent is to have “square” straight and neat limits of disturbance.

**23. Question:**

Final grading limits are shown to be a very irregular shape (see Fig C-170 and other). Is the 2,350-ton quantity for Line Item 15a – Asphalt Paving based on this odd shape?

**Answer:**

Contractors should bid according to the bid form. If a Contractor determines that it is advantageous and will not change/effect the final design, it is up to the Contractor to submit a bid that includes cost to straighten the final grading edge limits. Any changes or modifications to the construction details must be approved by JEA's Engineer. The intent is to have straight and neat pavement seams.

**24. Question:**

Description for Line Item 7a – Excavation (498 cubic yards) doesn't seem to correlate with Line Items 7b, c & d which are based on 2946 Tons. Shouldn't 7a be more like 2100 to 2200 CY?

**Answer:**

Based on Figure 7A, the estimated off-site portion of the soil excavation along the southern property line is estimated to be 458 cubic yards. Additionally, it is assumed that the soil located in the middle of the ditch will not be suitable for reuse. This soil is estimated to be 1,105 tons of soil, resulting in a total of 1,746 tons of soil that will need to be transported and disposed of off-site. All other soil that is excavated shall be reused as backfill underneath paved areas for grading purposes. The Bid Form has been revised and included with this Addendum.

**25. Question:**

Please verify which unit of measure applies for 5a and 5b. Bid Sheet shows Tons for both 5a and 5b and Measurement and Payment section states LF for 5a and SY for 5b.

**Answer:**

The unit of measure for 5a and 5b will be based on tons. The Bid Form has been revised and included with this Addendum.

**26. Question:**

For Line Item 15c, is the terminology "24 Diameter" a misprint?

**Answer:**

Yes, this was a typo. A revised Bid Form is included with this Addendum.

**27. Question:**

Please provide specifications for the "Compressive Strength Concrete" surrounding the ADS N-12 HDPE pipe as shown in Detail C - Figure C-351.

**Answer:**

Please refer to technical specification Section 03 30 00 - 2.03 – Concrete Quality "*Unless otherwise specified or directed, concrete shall be designed for a minimum allowable compressive strength of 4,000 psi at 28 days. Slump shall be between 2 inches and 4 inches. Water shall be kept to a minimum to obtain concrete which is as dense and watertight as possible.*"

**28. Question:**

Shouldn't the quantity for Line Item 11h and 14a be that same? If not, then please explain the discrepancy.

**Answer:**

The bid form has been revised so that 11h and 14a are the same quantity and is provided with this Addendum.

**29. Question:**

Please outline fencing to be removed and replaced.

**Answer:**

The section of fencing located on the northern side of the ditch area is to be removed and not replaced. The section of fencing located on the southern property boundary is to be removed and replaced with new fence

materials. Installation specifications are included in the technical specifications. Construction drawing GD101 has been updated to depict the fencing removal and/or replacement sections and is provided with this Addendum.

**30. Question:**

For Bid Item 18 (Fencing Removal and Installation), please clarify the extents of the new permanent security fence.

**Answer:**

The section of fencing located on the southern property boundary is to be removed and replaced with new fence materials. Installation specifications are included in the technical specifications. Construction drawing GD101 has been updated to depict the fencing removal and/or replacement sections and provided with this Addendum.

**31. Question:**

Does the new permanent security fence need to be grounded? If so, please provide the grounding details.

**Answer:**

No, the new security fencing is not required to be grounded.

**32. Question:**

The Specifications indicate that a temporary security fence must be maintained until the permanent security fence is installed. Please confirm that this project will not require a security guard during working or non-working hours.

**Answer:**

The Contractor will be responsible for maintaining the integrity of the temporary fencing until the permanent security fencing is installed. At any time that the temporary security fencing becomes unsecure, the Contractor must immediately rectify the issue and secure the fencing. As long as the temporary security fencing is locked/secured, a security guard is not required during working or non-working hours.

**33. Question:**

Where is the existing electrical rack to be relocated as specified in Fig. E-101.

**Answer:**

Construction drawing GP100 has been revised and included with this Addendum.

**34. Question:**

Are the irrigation control panels to be solar powered?

**Answer:**

Yes.

**35. Question:**

Line diagram and Electrical Load List Table shown on Fig. E-101 do not account for power to the irrigation control panels, where is the power feed for two irrigation control panels.

**Answer:**

The irrigation control panels are to be solar powered, which would include a standalone control panel at three (3) irrigation areas. Rainbird solar panels (no battery backup) should be included in this bid item.

**36. Question:**

What Line Item shall the costs for the demolition of existing stormwater structures and pipe be included?

**Answer:**

Line item 6b. The Bid Form description has been revised and is included with this Addendum.

**37. Question:**

Has JEA finalized the access agreement with AD&P? If not, when does JEA anticipate completing the access agreement?

**Answer:**

No. JEA legal department is working on obtaining the site access agreement. Upon finalization, JEA will notify the awarded Contractor.

**38. Question:**

During the bid walk, the Engineer noted that large diameter auger (LDA) excavation had been completed during a previous scope at the Site. Please indicate where the LDA work was performed.

**Answer:**

Historical LDA excavation areas have been added to construction drawing G-100 and provided with this Addendum.

**39. Question:**

Please clarify the locations of the hydrants that can be used to support dust control and other Site activities.

**Answer:**

There are a total of three (3) fire hydrants located on site. Two (2) of the fire hydrants are located along the main driveway across the property. The other fire hydrant is located near the small building in the southwest portion of the property but is to be relocated during the construction activities. The fire hydrant locations are shown on construction drawing G-100 and provided with this Addendum.

**40. Question:**

Will any electrical cable, fiberoptic cable, and/or card readers associated with the exit gate be impacted by this scope of work? If so, please confirm that JEA will provide for the removal and reinstallation of the applicable components.

**Answer:**

No, it is not anticipated that anything associated with the exit gate to be impacted by this scope of work.

**41. Question:**

During the bid walk, several storm drains were observed along the AD&P property line. It does not appear that these storm drains have been incorporated into drainage design. Please confirm that the design considers drainage from the adjacent AD&P property.

**Answer:**

These storm drains do not appear to have been permitted and as such will need to be removed during the soil excavation activities. JEA legal department will discuss this issue with the AD&P property owners.

**42. Question:**

As shown on Figure C-355, an existing storm drainpipe will tie into MH-1. Is the existing storm drainpipe 36" RCP?

**Answer:**

Yes, the existing storm drainpipe is 36" Reinforced Concrete Pipe (RCP).

**43. Question:**

Please provide the anticipated flow rate within the ditch during 25-year, 50-year, and 100-year storm events.

**Answer:**

- 25-yr, 24-hour event: 34.53 cfs
- 50-yr, 24-hour event: Not simulated
- 100-yr, 24-hour event: 45.58 cfs

**44. Question:**

It appears that Figure 4 in the Soil Remedial Action Plan Addendum (1411808846 Appendix C) provides the limits of excavation for the contaminated soils. It appears that contaminated soils will be removed to a depth of 2-feet below ground surface. Please clarify the extents of excavation for Bid Items 7a, 7b, 7c, and 7d.

**Answer:**

Figure 4 in the Off-Site Soil Remedial Action Plan (RAP) only shows the extent of the soil impacts. Please refer to Figure 7A for the extent of the soil excavation associated with the Off-Site Soil RAP.

**45. Question:**

The Soil Remedial Action Plan suggests that confirmation sampling will be required for this scope of work. Will confirmation sampling be performed at the Site? If so, who will be responsible for the confirmation sampling and analysis?

**Answer:**

No. The confirmation soil sampling has already been completed.

**46. Question:**

Section 3.4 of the Soil Remedial Action Plan suggests that existing soil from the vault area will be disposed of off-site. However, this volume does not appear to be captured in the Bid Form. Please clarify.

**Answer:**

The soil from the stormwater vault area shall be used as backfill underneath areas that will be paved.

**47. Question:**

Please provide details for the bedding stone to be placed below the 36" RCP. Will geotextile be placed below the bedding stone? Will the bedding stone be installed to the spring line of the pipe?

**Answer:**

#57 bedding stone shall be installed 6-inches thick below the 36" RCP. Yes, non-woven geotextile greater than or equal to 8-ounces per square yard shall be installed below the bedding stone. At least 8-ounce per square yard.

**48. Question:**

Please confirm that any construction task can be performed at the Site between 6:00 AM and 6:00 PM, Monday through Saturday.

**Answer:**

Per the technical specification Section 01 11 00, 1.09, A3, *"Except in the event of an emergency, no work shall be done between the hours of 8:00 pm and 7:00 am without written permission of the OWNER.*

**49. Question:**

Is this project tax exempt?

**Answer:**

Yes, review section 2.69 in the Solicitation.

**50. Question:**

Will the Contractor be responsible for providing an office trailer for the Engineer or Owner's Representative?

**Answer:**

A separate office trailer will not be required for JEA's Engineer. Desk space for the JEA Engineer's site representative in the Contractors office trailer shall be provided.

**51. Question:**

Will JEA provide power for office trailers?

**Answer:**

No. The Contractor should either have a separate meter installed along with power connected to their office trailer or use a diesel generator to provide power. Cost for generator, fuel, or electricity shall be included in bid item.

**52. Question:**

Does the debris generated from the DNAPL remediation system need to be washed or processed in any way prior to disposal?

**Answer:**



No washing of the Dense Non-Aqueous Phase Liquid (DNAPL) debris will be required. JEA's engineer will collect a concrete sample for chlorinated volatile organic compound analysis and waste profiling.

**53. Question:**

How thick is the concrete in the DNAPL remediation area? Can JEA provide the rebar schedule for this area?

**Answer:**

Based on historical construction details, the DNAPL concrete area should be between six (6) and eight (8) inches thick and does not contain rebar.

**54. Question:**

Does JEA anticipate the presence of any asbestos or lead?

**Answer:**

No.

**55. Question:**

Please provide the names of the disposal facilities used for previous scopes at the Site.

**Answer:**

Chesser Island Road Landfill located in Folkston, Georgia and Broadhurst Environmental Landfill in Screven, Georgia have been used for non-hazardous waste disposal.

**56. Question:**

Do both the entrance and exit gates need to be manned during working hours?

**Answer:**

No. The Contractor will not need to man the entrance and exit gates during working hours. The Contractor shall be required to supervise and escort all construction related vehicles (dump trucks, equipment deliveries, subcontractors, etc.) entering and exiting the site and that are associated with the project.

**57. Question:**

Will the 40-hour HAZWOPER requirement apply to the electrical scope?

**Answer:**

No, an electrical subcontractor does not have to have 40-hour of Hazardous Waste Operations and Emergency Response (HAZWOPER) training. For any subsurface work conducted in areas of known contamination, the Contractor shall assist with the work.

**58. Question:**

Please confirm that no geogrid or geotextile is required below or above the subbase and base layers for paved areas outside of the stormwater vault.

**Answer:**

Geogrid or geotextile is not required below or above the subbase and base layers for paved areas outside of the stormwater vault.

**59. Question:**

Will the Contractor be allowed to plug the existing storm drainpipe upstream of the Manhole MH-1 tie in location?

**Answer:**

JEA will consider a temporary plug on a limited basis under dry weather only.

**60. Question:**

Can the excavation spoils from the StormTech Drain Basin Area be used as fill material within the ditch?

**Answer:**

Yes. This material is suitable for backfill in the ditch area.

**61. Question:**

There is a duplicate callout for Storm Drain SD-9 on Figure C-162. Should this be Storm Drain SD-10?

**Answer:**

No. There are only eight (8) Storm Drains. The duplicate callout should have been SD-8, which is located next to call out "SD-PIPE-17". Construction drawing C-162 has been updated and included with this Addendum.

**62. Question:**

Please provide details for the concrete pad shown on Figure G-103 showing the dimensions, thickness, and reinforcing scheme.

**Answer:**

The concrete pad is 1,666 sq/ft and shall consist of 6" x 6" welded wire fabric with #10-gauge wire. The concrete shall be 6-inches thick 4,000 psi concrete.

**63. Question:**

Which bid item should be used for the concrete pad shown on Figure G-103?

**Answer:**

A new line item (15d) has been added to the bid form and is included with this Addendum.

**64. Question:**

Figure C-161 indicates that SD-Pipe-20 will be connected to an existing sanitary manhole. Please provide details for this connection.

**Answer:**

Refer to JEA Water & Wastewater Standards Manual Volume II: Distribution and Collection Details January 1, 2024 Edition.

**65. Question:**

Is there an engineer's estimate for the project?

**Answer:**

Yes. The estimate is included with this Addendum.

**66. Question:**

There is a discrepancy in the conduit size for the lighting & cameras, sheet E-101 calls for 3/4" conduit to be ran out for the parking lot lighting & camera circuits but the legend on sheet GP100 and details on sheet E-102 calls for a 3" conduit to be ran for the lighting and 2" conduit for the cameras. Please verify what size conduit is to be ran for the new pole light circuits and cameras.

**Answer:**

E-101 does not specify the diameter of conduit. The conduit used for lighting shall be 3-inch diameter.

**67. Question:**

How is the parking lot lighting to be controlled?

**Answer:**

The light fixtures shall be controlled by light sensor.

**68. Question:**

Is there a national account that we need to purchase the parking lot lights through?

**Answer:**

No. Please bid accordingly to the updated technical specifications and construction drawings that are included with this Addendum.

**69. Question:**

The fixture schedule calls for the fixture manufacturer to be JEA, Is JEA providing the fixtures?

**Answer:**

No, JEA will not be providing the fixtures, but fixtures must meet the JEA standards. Please bid accordingly to the updated technical specifications and construction drawings that are included with this Addendum. JEA's Streetlight Standards includes a catalog of approved manufacturers and part numbers. A link to the standards is provided below:

[https://www.jea.com/Engineering\\_and\\_Construction/Electric\\_Reference\\_Materials/](https://www.jea.com/Engineering_and_Construction/Electric_Reference_Materials/)

**70. Question:**

For the security cameras, drawings indicate that we are to just install conduits with pull strings, camera enclosure boxes on poles, and 120v power for cameras terminating at the camera enclosure boxes? Please verify that scope of work is as described herein.

**Answer:**

Yes, the Contractor shall be responsible for installing the conduit with pull strings, camera enclosure boxes on poles, and 120v power lines for cameras.

**71. Question:**

What line item are we to use for camera work on bid sheet?

**Answer:**

Line item 16c.

**72. Question:**

Where do the camera conduits (sheet GP100 (Legend BSE Conduits)) terminate at the building?

**Answer:**

The camera conduits terminate at the electrical equipment rack panel located in the southeast corner of the property.

**73. Question:**

Do we need to separate camera conduits from pole lighting conduits in separate hand holes?

**Answer:**

Yes, the Contractor shall install separate camera conduit and lighting conduit hand holes.