

ADDENDUM #2
PDC-RFP-2020-01



On Behalf of the
Southside Networking Authority

Hampton Roads Region
Southside Regional Connectivity Ring 100% Design

December 27, 2019

ADDENDUM #2

PDC-RFP-2020-01

This document, Addendum #2, is issued to provide the following information:

1. Updates to the schedule of events and specific proposal instructions; and
2. Responses to technical questions on the scope of work.

I. Updates to the Schedule of Events and Specific Proposal Instructions

PDC-RFP-2020-01, Section IV. Schedule of Events (page 5):

The schedule of events on page 5 of the RFP is updated as follows to add the publication of Addendum #2 and extend the proposal submission deadline to the 27th calendar day after publication of Addendum #2:

<u>Event</u>	<u>Old Date</u>	<u>New Date</u>	
Publish RFP Addendum #2	N/A	12/27/19	
Submission of Proposals	01/14/2020	01/23/20	by 2:00p.m.

PDC-RFP-2020-01, Section VII. Specific Proposal Instructions, Subsection B.8. (page 8):

Section VII., Subsection B. 8. (page 8) RFP is updated with the following addition of Subsection B.8:

8. Submitted proposals shall include the total cost to complete the 100% design work outlined in this RFP. These costs shall also be summarized by major work task.

II. Technical Questions and Responses

1. RFP states the design must address Cyber Security. Can you elaborate how these requirements would be related to the OSP design?
2. How does cyber security requirements impact dark fiber design?
3. How should cyber security be addressed in the proposal?

4. Attachment 2, Section III, sub-section E – Shall the cyber securities issues address the physical outside plant and/or the equipment to be installed to monitor the dark fiber network? Please explain.

Response to Questions 1 to 4:

Proposals should include the Offeror’s recommended approach to ensure that the project addresses cyber security and the protection of critical infrastructure.

5. RFP mentions cad drawings. Many of the new fiber design software solutions like 3-gis are great design tools for creating construction prints, and integrate with Arc-gis, but are not considered “cad files.” Will it be acceptable to use 3-gis to create the design rather than AutoCAD or MicroStation?
6. Page 50: Provide design drawings VIII. Data and Deliverables: Please provide clarification regarding the preferred programs for design and the expected file deliverables. Our preference would be to develop detailed design plans in AutoCAD and export shapefiles that can be added to ArcGIS; however, we would like to know if there are specific attributes that will need to be included in each Shapefile.
7. Are both CAD and GIS required? Is there an alternative to CAD deliverable?

Response to Questions 5 to 7:

The project requires both CAD drawings and design drawings compatible with and ready for use in ESRI’s ArcGIS software.

8. Can offerors rely on City GIS information (in each respective municipality) for Parcel boundaries and right-of-way widths, or does this need to be Surveyed for the entire corridor?

Response:

Survey work will be required, as the 100% design work shall provide construction level drawings and all necessary work to secure permits and approvals needed to allow the Fiber Ring to proceed to construction.

9. Purpose – page 4. “The 100% design work shall provide construction level drawings and all necessary work to secure permits and approvals needed to allow the Fiber Ring to proceed to construction.” Please confirm that all environmental, Storm water management, VMRC, COE, traffic control, etc. permitting are to be included in proposal.

Response:

Yes, the proposal should include the preparation of all applicable parts of permit applications required to implement the final 100% design up to the point of construction contractor selection.

10. Attachment 2, Section III, sub-section G- Will railroad or bridge crossings and/or attachment fees be paid by the Authority? Would offeror only be charging for preparation of permits?

Response:

The proposal should include permit fees for all applicable construction activities to implement the final 100% design.

11. The 30% Drawings show proposed routes. Is there latitude / flexibility to revise these routes if needed?

Response:

Yes.

12. Page 50: "Act on the Authority's behalf in rights-of-way negotiations...": Is the Authority planning segments to be designed and constructed outside of existing public rights-of-way? Other than potential laterals to communication hub facilities?

Response:

The final route will be determined by the final 100% design work.

13. There is no Central office location listed, will the RCR originate from Corporate Landings and General Booth as per the 30% drawings?

Response:

The final 100% design should build upon the 30% design drawings.

14. RFP calls for construction ready drawings. How will you be handling issues with Wetlands and railroad crossing?

Response:

The final route will be determined by the final 100% design work. The proposal should include the preparation of all applicable parts of permit applications required to implement the final 100% design up to the point of construction contractor selection.

15. Does Offeror need to design to fiber termination points? What are the demarcation or termination points?

Response:

Termination and demarcation points will be determined by the final 100% design.

16. Related to Question [15], what are the fiber requirements for the network? Is fiber splicing diagrams and assignments part of the scope?

Response:

Fiber requirements will be determined by the final 100% design. Yes, splicing diagrams and assignments are part of the scope.

17. No network or splicing details are listed, will this be done at a later time?

Response:

Network and splicing details will be determined by the final 100% design.

18. Page #51 RFP, item E, states no splicing will be considered. Can you clarify this statement? There will need to be several splice locations within the 103-mile route.

Response:

Splicing should be minimized wherever possible.

19. Page 51: Technical requirements item B. Please clarify. It currently reads "Fiber will not be direct buried installed in conduit." Is that supposed to be: "Fiber will not be direct buried. It shall be installed in conduit."

Response:

Yes.

20. Please clarify conduit requirement specifications: (2) 3" conduits or (3) 2" conduits as mentioned in document.

Response:

A minimum of (2) 3" conduits is required.

21. The specifications call out for a 10" conduit on bridge crossings, which may not be possible, due to its diameter & weight. Will alternative conduit sizes, like a 4" conduit with (3) innerducts be considered?

Response:

Yes.

22. What are the specs / condition of existing conduit runs called out on the 30% Drawings? Are they empty or occupied with other cables?

Response:

The final 100% design work should be considered as new conduit/new build.

23. Fiber Route Design Services, K. – page 50. "Provide for underground facility conduit design, conduit detailing, handhole detailing, prepare all forms and documentation for approval of conduit construction and/or installation, and verify as-builts." Please clarify

task of verifying as-builts. If no inspection or construction management is included in RFP and ring will be 100% underground, offeror will only be able to verify visible above ground features after construction is complete. Who is responsible for as-builts?

Response:

RFP #PDC-RFP-2020-01, Attachment 2, Section III.K. (page 50) is updated as follows (deletions are ~~bracketed strike through~~ text):

- K. Provide for underground facility conduit design, conduit detailing, handhole detailing, prepare all forms and documentation for approval of conduit construction and/or installation ~~[, and verify as-builts].~~

24. On page #50 of the RFP, item O, states the bidder is required to label all network components, to clarify this requirement, are you stating these network components need to be labeled on the design prints, or is the designer responsible to physically label each network component in the field?

Response:

Network components are to be labeled in all design documents only.

25. The Master Plan mentioned that the RCR will have a dedicated NOC to monitor the status of the ring, power alarms and performance issues – who is responsible for this facility? What coordination will be required for this project?

Response:

This is a future decision point for the Authority and is not within the scope of this project.

26. Attachment 2, Section V, sub-section F- Please explain PE certification details. “If required by funding source.”

Response:

The final 100% design should be of sufficient detail to proceed to construction.

27. Page 55: How many paper copies should be estimated for delivery to the Authority for each submittal (60%, 90%, 100%)? And what sizes? 11”x17”? 24”x36”?

Response:

Proposals should include seven (7) hard copies at 24” x 36” and 1 electronic copy in each submittal (60%, 90%, 100%).

28. One question as you are talking about the desired contract timeframe for design, could you elaborate – I don’t think I saw in the RFP anything about review submittal process in

terms of how much time to allocate to the Authority reviewing our submittals, whether it is two weeks, a month, that sort of thing.

Response:

The Authority's review period will be determined by the number of proposals received. Updates to the procurement schedule will be posted as soon as determined. Please monitor the following websites for updated information:
(<http://www.hrpdcva.gov/page/procurement> and
<https://www.hrtpo.org/page/procurement/>).

29. On the requirement for DBE and SWaM – is that considered together? Are they equally weighted? Equally considered?

Response:

Yes.

30. This may be a little bit outside of the scope, but as far as rights and responsibilities for repairs for ongoing sustainment and maintenance, is that going to be a function that the winner is going to be responsible for – collecting fees for inadvertent damages, lawsuits associated with non-payment – or is that something the Board intends to handle or your entity?

Response:

Operation of the fiber ring is beyond the scope of this project.