DATE: April 11, 2017

SUBJECT: REQUEST FOR INFORMATION FOR SMARTPORT WIRELESS NETWORK

Pursuant to the SMARTPORT Wireless Network Request for Information (RFI), all proposers were to submit any questions regarding this RFI no later than Tuesday, April 4, 2017. Questions were to be answered in writing and all questions and responses were to be posted on the Department’s website. Below is a list of questions received from proposers and the Department’s response:

1. Q: Is the intended coverage area inside the yellow border?
   A: The yellow border is shifted a little to the right in the image. The intended minimum coverage area is within the Port of Los Angeles.

2. Q: If so, why is part of the waterway excluded from the coverage area?
   A: See #1.

3. Q: Will we be able to bid on the solution as a turnkey provider including ongoing maintenance and support if we respond to this RFI?
   A: Yes.

4. Q: Will there be any preference if we respond to this RFI?
   A: No.

5. Q: Is a DBFOM (design-build-finance-operate-maintain) or DBF (design-build-finance) being considered for the project?
   A: We are open to both possibilities and seeking information about the possible solution models.

6. Q: What is the estimated cost of the SmartPORT Wireless Network project?
   A: We are seeking information about possible financial models that would offset the cost to the Port. This might include public-private partnerships, concession agreements or other possibilities.

7. Q: Has the Department allocated funding for the SmartPORT Wireless Network yet? If so, through which source (budget, CIP, state/federal grant etc)?
   A: No.
8. Q: How is the Department currently meeting this need? Which vendor provides the incumbent network system?
   A: This would be a new wireless network solution.

9. Q: Would it be possible to name the three greatest challenges the Department is having with the current solution?
   A: N/A. This would be a new wireless network solution.

10. Q: Should the Department decide to proceed past the RFI process, has a timeframe been established in which an RFP may be issued?
    A: The timeframe depends on the RFI responses. However, if the Port decides to proceed past the RFI process, it is anticipated that the RFP process would begin soon after the decision was made.

11. Q: Who is the technical contact and/or project manager for the SmartPORT Wireless Network effort?
    A: The technical contact and/or project manager has not yet been assigned.

12. Q: What is POLA’s expected operating budget for this project?
    A: See #6.

13. Q: What is POLA’s general IT budget or operating expenses for the current or previous fiscal year?
    A: POLA’s IT Division’s FY17 operating budget is approximately $13.8 million.

14. Q: Is this project planned to be implemented and funded in FY 17 or FY 18?
    A: See #10.

15. Q: Is this initiative focused on the wireless backhaul medium or the smart port applications?
    A: We are seeking information for the wireless network solution.

16. Q: Which wireless technologies does POLA currently have deployed and could you provide some examples of how those are utilized or which types of applications they support?
    A: Various wireless technologies are in use across the port complex.

17. Q: Where are existing wireless networks?
    A: See #16.

18. Q: Is there a desire to “monetize” wireless networks?
    A: We are seeking information about this possibility.
19. Q: Are wireless networks to provide service for port operations? Administrative services? Tourist areas? Passenger services? Guests/visitors?

A: We are interested in a ubiquitous wireless coverage that could be used for all of these services. However, we are also seeking input from the vendor community about this.

20. Q: In reference to Response Requirements part 2-i-vii: Is POLA currently utilizing any of the listed wireless technologies and in what capacity?

A: POLA currently uses some of these wireless technologies for specific applications. However, not for the wireless network for this project.

21. Q: In reference to Response Requirements part 5-a, and 6-a: Would it be possible to get a map of locations the areas included within POLA?

A: The intended area is within the Port of Los Angeles boundary shown on page 6 of the RFI. However, the yellow border should be shifted a little to the left on the image map.

22. Q: Will the Port be willing to meet with bidders to provide clarification and site walks to get a better understanding of how the infrastructure can be implemented?

A: Possibly during the RFP process. At this time, we are seeking information about what your solution would require from POLA.

23. Q: Would it be possible to get a list of current applications that are in use today?

A: This would be a new wireless network solution.

24. Q: What does the Harbor department currently have implemented for their wired and wireless infrastructure? Will POE devices require a new switching infrastructure or will it be using existing? If yes, what current technologies are available, such as 1gig or multi-gig POE+ or POH 95w, 1/10/40Gig Ethernet uplink connectivity?

A: This would be a new wireless network solution. We are seeking information about what your solution would require.

25. Q: Will the new Smart port infrastructure be integrated with the existing infrastructure? If yes would POLA be able to provide information as to where the connection points will be located?

A: This has not been determined at this time.

26. Q: Will this project extend to public access such as shopping and entertainment along the port or is it only for internal secure port logistics and automation?

A: We are seeking information about this possibility.
27. Q: **What current wireless technologies are in use?**
   A: This would be a new wireless network solution. If your solution would be adversely impacted by other wireless technologies in use, please provide that information.

28. Q: **What licensed or unlicensed spectrum is in use?**
   A: This would be a new wireless network solution. If your solution would be adversely impacted by other wireless technologies in use, please provide that information.

29. Q: **Please describe the existing infrastructure and quantities where applicable: wireless (#sites), fiber (#feet), towers (# sites), rooftops (# in use).**
   A: We are seeking information about what the requirements and limitations would be for your solution.

30. Q: **Does POLA need mobile devices integrated to the solution for employees?**
   A: We are seeking information about this possibility.

31. Q: **Does POLA have a preference for a particular ownership model, such as a P3?**
   A: See #6.

32. Q: **What entities/users comprise the current POLA ecosystem?**
   A: This would be a new wireless network solution.

33. Q: **Has POLA allocated budget specifically designated for the initial evaluation of the project as a condition or sign-off for new projects to proceed to build phase?**
   A: No.

34. Q: **Is a current network architecture/topology document available to RFI respondents?**
   A: No. We are seeking information about your solution’s architecture/topology.

35. Q: **Does POLA require a certain document format for a response: IE: word, pdf, ppt, and is there a page limit?**
   A: No. Please see Section 3.2 for submission requirements.

36. Q: **What, if any smart/intelligent devices or applications are in use today?**
   A: This would be a new wireless network solution. If your solution has devices/applications limitations, please provide that information.

37. Q: **Who are the current and future “users” of the POLA ecosystem?**
   A: This would be a new wireless network solution. If your solution has user limitations, please provide that information.
38. Q: Where are they located in the port?
   A: This would be a new wireless network solution. If your solution can be located only in certain areas of the port, please provide that information.

39. Q: What is the bandwidth requirement per organization using the wireless platform?
   A: We are seeking information about your solution. Please provide the capacity and limitations.

40. Q: What security measures are in place to secure the network from outside penetration today?
   A: We are seeking information about your solution. Please provide any requirements and limitations.

41. Q: Is there a secondary secure network architecture in the event of a wireless outage/network penetration/disruption of service?
   A: We are seeking information about your solution. Please provide any requirements and limitations.

42. Q: Please Advise/Confirm TWIC, Perimeter Intrusion Detection and the Port’s Video Surveillance system will be “users” of the wireless network?
   A: This has not been determined at this time. If this cannot be accommodated by your solution, please provide that information.

43. Q: Regarding the Harbor Department Purchasing vehicle: Will the port join the US Communities contract for this and future projects?
   A: This has not been determined at this time.

44. Q: What is the expected growth?
   A: We are seeking information about the capacity and limitations of your solution.

45. Q: To gain an accurate representation of present wireless status, port bandwidth saturation, new required component(s), design, implementation, integration and cost elements, may we schedule a site survey for a wireless spectrum analysis of the POLA?
   A: Possibly during the RFP process. At this time, we are seeking information about what your solution would require from POLA.

46. Q: Would the Port be open to piggyback off other established government contracts?
   A: Yes.

47. Q: This is a Request for Information, where is the Scope of Work requirements?
   A: See Section 2.
48. Q: Can a firm provide a PSIM Solution in addition to the Wireless Infrastructure and 5G solution?
   A: Your firm may submit information if it is required for your wireless solution.

49. Q: What is the projected bandwidth requirement across the network?
   A: Please provide the capabilities and limitations for your solution.

50. Q: How many fiber/non-fiber egress points will be established?
    A: Please provide the requirements and limitations of your solution.

51. Q: What is the number of devices/users projected for the network?
    A: Please provide the capabilities and limitations for your solution.

52. Q: What is the predicted mix of those devices?
    A: Please provide the capabilities and limitations for your solution.

53. Q: Is the network expected to support an IOT philosophy?
    A: Yes.

54. Q: Is there a dedicated head end in place or will a new one be established?
    A: Please provide the requirements and limitations for your solution.

55. Q: How many end-points need to be protected?
    A: Please provide the requirements and limitations for your solution.

56. Q: What is the end-point protection security strategy?
    A: Please provide the requirements and limitations for your solution.

57. Q: Can POLA’s 2.4, 5.2 and 5.8 Wireless Network support the requirements of this RFI?
    A: This would be a new wireless network solution.

58. Q: In this effort, can the POLA provide the requisite products (existing and “future”) it is referring to above?
    A: Please provide the requirements and limitations for your solution.

59. Q: In this effort, it is assumed the POLA will provide appropriate locations to install the products and infrastructure that are recommended in the POLA “yard” i.e. where the NEMA boxes are located, the height of Poles, the locations of Network Access Points, appropriate electricity to enable primary and backup power circuits, etc. Is this correct?
    A: No. Please provide the requirements and limitations for your solution.

60. Q: In this effort, it is assumed the POLA will provide adequate security and safety precautions to protect the products and infrastructure that are mounted in the POLA “yard” i.e. where the NEMA boxes are located, the height of Poles, the locations of Network Access Points, Appropriate
electricity to enable primary and backup power circuits, etc. as well as network access points to physical mediums (fiber and copper). Is this correct?

A: No. Please provide the requirements and limitations for your solution.

61. Q: Can a firm provide a Cap-Ex and Op-Ex model for the solution offered?

A: Yes.