

City of Seattle Request for Information # ITD-170028
Addendum

Dated: 02/17/2017

The following is additional information regarding Request for Information # ITD-170028, titled “Collaboration and/or Partnership between the City of Seattle and Private Sector Entities for Wireless Services and Potential Smart Cities Deployments, Including in Low-Income Districts, and Parks” released on 01/30/2017. The due date and time for responses will remain as 02/28/2017 @ 2:00PM (Pacific). This addendum includes both questions from prospective proposers and the City’s answers, and revisions to the RFI. This addendum is hereby made part of the RFI and therefore, the information contained herein shall be taken into consideration when preparing and submitting a proposal.

Item #	Date Received	Date Answered	Vendor’s Question	City’s Answer	RFP Revisions
1	2/2/17	2/2/17	I wanted to clarify if this RFI is for network connectivity for free public WiFi access, or does this extend to connectivity of devices for Smart City applications.	Yes, we are looking for solutions to support public use of WiFi as well as to support potential smart cities deployments.	None.
2	2/6/17	2/8/17	Has funding been secured for the project? If so, how much does the city anticipate spending?	No funding has been identified for this work. We are seeking information and budgetary estimates to prepare a budget request.	None.
3	2/6/17	2/8/17	Is there an incumbent contract for the system? Would it be possible to get a copy of the contract?	No incumbent contract.	None.
4	2/3/17	2/9/17	Should the City decide to move past the RFI stage has a time frame for a subsequent RFP release been identified?	No time frame has been established.	None.
5	2/3/17	2/9/17	What is the desired gigabit/bandwidth speed?	Minimum acceptable is broadband speed as defined by FCC (25 Mbps) but more is better!	None.
6	2/3/17	2/9/17	Which vendor(s) provides the current LAN?	The proposed solution would need to address backhaul. There are currently no providers operating in the areas designated.	None.
7	2/3/17	2/9/17	The RFI mentions the “Array of Things” initiative- Has the City started on this project yet? Will any solicitations be released related to	We have a few isolated projects related to this but the comprehensive Smart City plan is still being developed. We are	None.

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			this effort?	interested in seeing what proposals suggest regarding smart city integrations that can influence the development of that plan.	
8	2/3/17	2/9/17	Are there any additional Smart City applications the City is interested in?	We are mainly focused right now on transportation, lighting, and environmental metering. We are interested in hearing about smart city technologies but it's not a primary focus on the RFI.	None.
9	2/3/17	2/9/17	Are you able to disclose which vendor(s) currently provide fiber?	There are dozens of fiber providers in the city currently. We do not have a comprehensive picture of where they all operate. The City operates a fiber network as well as a consortium and there may be availability to the locations under consideration in the RFI but we have not mapped that out yet, and use of City fiber is subject to several constraints. For the purposes of the RFI, including best-guess cost estimates for leasing fiber from a third-party provider assuming availability is sufficient.	None.
10	2/3/17	2/9/17	Does the City already have fiber in place? Or will additional fiber need to be procured to accomplish the goals in the RFI?	See above. The City does have a fiber network but it is not present in all areas and is subject to certain use constraints. It may end up that it can be used for backhaul in some locations, but for the purposes of the response, you can provide estimates for connecting to third-party fiber assuming it is available. Again, this is request for information; we're not expecting a	None.

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				full proposal.	
11	2/13/17	2/13/17	The municipal fiber program consists of several organizations. Does this include the Seattle School District?	Yes, the municipal fiber program services the Seattle School District.	None.
12	2/13/17	2/13/17	We have wifi kiosks that are paid for by advertising space on the kiosks. Is advertising in the public right of way ok with City of Seattle?	It is an option that the City would consider.	None.
13	2/13/17	2/13/17	Is the City willing to raise taxes to fund this project?	It is an option that the City would consider.	None.
14	2/13/17	2/13/17	How willing are the utilities to be part of this project (assets, conduit, access, etc.)?	Can't speak for the utilities. This question requires more discussion with the utilities.	None.
15	2/13/17	2/13/17	Is the City interested in secondary benefits (smart apps, smart parking, etc.)?	Yes, the City is interested in all secondary benefits.	None.
16	2/15/17	2/16/17	<p>We have a unique broadband outdoor Wi-Fi hardware platform that can grow with changes in technology and bandwidth demand/population growth. We also supply indoor and outdoor cost effective carrier grade Wi-Fi equipment. Typical partners could be the city itself, local ISPs in need of a broadband Wi-Fi platform, or entrepreneurs who need a knowledgeable partner to become an ISP.</p> <p>We currently have no presence in Seattle and would need a local partner to work with. Can the city provide a list of local partners the city has already worked with</p>	We cannot gather this information in the time allotted.	None.

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			Capwave can leverage on the ground, especially local integrators?		
17	2/15/17	2/16/17	Could you please provide a list of all assets the city will make available for this project and the conditions of access.	No. We don't know that yet.	None.
18	2/15/17	2/16/17	Would the city consider making a capital contribution towards buying the Wi-Fi equipment?	Yes, we'd consider it.	None.
19	2/15/17	2/16/17	Could you please provide a general timeline for the project?	There's no project; this is an RFI to help determine the potential for a project and the budget/timeline.	None.
20	2/15/17	2/16/17	What is the policy to enable dual or multi-use Wi-Fi to allow low cost access together with commercialization of the same infrastructure, e.g. to provide cellular offload in the same infrastructure as those providing free or low cost Wi-Fi?	There's no policy that we are aware of. No existing examples in the City of this that we are aware of. It could be a possibility.	None
21	2/15/17	2/16/17	Could you please provide a list of smart city applications the City is considering?	We do not have this information yet.	None.
22	2/15/17	2/16/17	We do not have presence in Seattle and would need a local partner to work with. We would need the city to provide all permits, ROW, property access, power and backhaul. We will provide the city with requirements. Is this an adequate assessment of roles & responsibilities?	Yes, that's accurate with the caveat that the City may be able to provide backhaul under certain circumstances.	None.
23	2/15/17	2/16/17	Is the City using Mi-Fi for the Seattle Public Library Wi-Fi Hot Spot program?	Mi-Fi is a brand name. The SPL services uses cellular data plans and WiFi access points to provide	None.

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				the services. Not sure if it's "Mi-Fi".	
24	2/15/17	2/16/17	Will funds be available from the ConnectHome Partnership for this project?	There are no funds as part of ConnectHome. It was an unfunded mandate.	None.
25	2/15/17	2/16/17	Our understanding is that Array of Things uses Bluetooth. Is there a plan to use Wi-Fi?	I do not have that understanding of AoT. It would surprise me if that were true given Bluetooth's extremely limited range.	None.
26	2/15/17	2/16/17	Do any operators currently serve the Geographic Priority Areas? If so for each geographic area: who are they? What type of services to they provide? What is the pricing for these services? Does the city subsidize any of them?	The areas are served by at least one incumbent provider (Comcast, CenturyLink, or Wave) and typically are accessible to multiple commercial providers as well. The City doesn't subsidize them at all.	None.
27	2/15/17	2/16/17	One of our outdoor solutions can be powered off the lamppost and capacity per node can be upgraded on demand with no disruption of existing traffic. It would be beneficial to coordinate the power upgrades of poles with the Wi-Fi network installation to minimize cost. Will the city facilitate such collaboration?	It would be beneficial but would require more information and further discussion with City Light. The purpose of this exercise is for us to get information about the available options in the marketplace so please provide more details about what this would entail.	None.
28	2/15/17	2/16/17	Will the city subsidize fiber backhaul and lamppost access?	It depends on the business model of the service. For something like an advertising-based service we would require the provider to carry the costs of City ROW and property access, permits, etc. If we ended up contracting with a company to provide service that would be owned by the City then the City would include the attachment and backhaul costs as part of that	None.

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				contract.	
29	2/15/17	2/16/17	We have a model to set-up broadband ISPs cost-effectively with a business model for long-term sustainability. However, we would need to raise funds for the project. Could you provide details for the type of financial assistance and/or resources the city can provide?	Based on the information provided to the RFI the City will consider feasible options, including the City investing in infrastructure and ongoing service for some areas of Seattle. We would need to understand more about the model you're proposing so please provide full details for our consideration. This is an RFI, not an RFP and so there is commitment implied that we can or will provide funding to support a solution, however it is an option that's on the table.	None.
30	2/15/17	2/16/17	There is language within the RFI on Page 30 that states, "Please see Appendix C for the location of all SCL utility poles in the City." However, Appendix C was removed from the RFI Document. Could the City please provide the location of all the SCL utility poles? Also, does the City own the aforementioned utility poles?	We cannot provide the location of the poles as of now. We do own the poles.	None.