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February 16, 2024

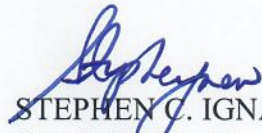
Request for Proposal (RFP) GPD-2024-001
for Government of Guam Project 25 (P25) Land Mobile Radio (LMR)
Communications System Upgrade

QUESTIONS & ANSWERS RECEIVED FROM POTENTIAL BIDDERS

The attached document provides all questions and respective answers that were received for the RFP GPD-2024-001 for the Government of Guam Project 25 (P25) Land Mobile Radio (LMR) Communications System Upgrade by the deadline of Thursday, February 8, 2024.

Only clarification questions of answers provided may be asked before 12P.M., Tuesday, February 20, 2024 by sending them via email to leigh.pereda@gpd.guam.gov.

Thank you for your attention to this matter.


STEPHEN C. IGNACIO
Chief of Police/Procurement Officer

Please Print/Sign
Acknowledgement Copy

Received by: _____

Signature: _____

Date: _____

Email to: leigh.pereda@gpd.guam.gov

Question #	RFP Section	Page #	Question/Comment	Answer
1	3.17.13	125	Can we confirm if we will have an opportunity to visit GFD fire stations to access the above requirements?	Site visits include a visit to a fire station. Not all stations will be visited during the site walks.
2	Appendix A	N/A	Will we have the opportunity to visit non-GPD potential radio sites	There will be no formal visits to non GPD potential radio sites listed in Appendix A.
3		21, 27 - 29	Bullet #5 states, "A listing of five (5) reference contracts under which services similar in scope, size, or discipline were performed." The offeror respectfully requests clarification if this is applicable to Para N - Offeror's Record of Performance on Similar Projects or Para O - Offeror's General Experience and Past Performance.	Bullet 5 is applicable to Paragraph N which requests references specifically pertaining to past performance on P25 LMR systems. Paragraph O requests references pertaining to projects of similar size and complexity to the RFP, not necessarily LMR projects.
4		27 - 28	Para N - Offeror's Record of Performance on Similar Projects states, "A minimum of five reference projects similar in scope and with emphasis on experience in design and implementation of P25 LMR systems." This section has been allotted four pages. With the amount of information required for the five projects, we ask that this page limit be increased.	Please limit responses to one page per reference.
5		31	Para Q has System and Network Design as a scored evaluation factor but there were not any instructions provided in the earlier paragraphs with specific instructions on what we are to provide. Will these be provided so we know exactly what is required?	It is the responsibility of the offeror to provide a comprehensive system and network design as part of their overall solution.
6	3.17.13		This Offeror respectfully requests a list of fire stations, number of operational doors, and floor for each of the fire stations.	RFP Section 3.17.13 limits the scope of Fire Station Alerting to alerting and passing of voice traffic to fire stations and fire personnel.
7	3.17.13	35	Per Section V. Price Proposals, request clarification for the following: "All Price Proposals shall include a proposed Project budget addressing: Total cost of ownership including initial project expense, and recurring costs over a six-year period. . . ." Does the government intend the full period of performance (six years) to include "initial project expense", which can be interpreted to mean a deployment period, or should the Offeror consider the deployment period (initial project expense) to be in addition to the six-year contract "recurring costs"? Should the initial project expense be included in the overall six year period of performance?	The full period of performance includes system deployment plus six years of support from the date of system acceptance. Offerors must provide total cost of ownership for the deployment period plus six years of ongoing support including three years of warranty.
8	3.16.3		What is the meaning of the Worst Direction @ DAQ 3.4 mean?	Offeror to list worst case DAQ between talk-in and talk-out.
9		24	The RFP states, "Type size for text should be at least 12-points in Times New Roman." Will smaller font be permitted for graphics, tables, and charts as long as it remains readable?	Graphics and tables may be smaller font provided they are still readable.
10	3.16.2, 3.16.3	109	Will Firstnet Capability be required? Will we require Firstnet SIMs for cellular phones?	Firstnet is not a requirement of this RFP.
11	3.17.15.1	126	Will Emergency Alerting System capability to Smart Phones be required to support Integrated Public Alerting System (IPAWS) capability as part of this solicitation?	IPAWS is not currently active on Guam.
12	3.17.15.1	10	Please provide the channel count at the current operative sites? Page 10 says: "As part of the overall project, the Offeror shall be responsible for locating additional transmitter sites as needed to provide the required radio coverage." Which it's ok, but the current channel distribution among sites is a big help to define the traffick load among different areas. (dense, urban, rural...) Information on the RFP about channels just mention: Pigua: "It appears there are a total of 12 channels with only seven in operation." Malojloj: "Channels 10 and 11 on the LMR system are not operational."	Channel counts are as follows: Orote:14, Barrigada:12, Malojloj:11 and Pigua:11. Not all channels are operational.
13	3.17.15.1		We estimate that all Repeater sites will be -48VDC powered, the Control Equipment and dispatch centers 120-140 VAC. Is there any other location required to be AC powered?	Offeror is responsible to determine power requirements at all sites.
14	3.17.11		The RFP asks for an integrated LMR/911 logging recorder. The new 911 system has a new logging recorder that the potential vendors were not able to see during the site visits. Can GPD provide the make, model, serial number of the existing logging recorder? How many 911 trunks to be recorded. How many analog lines to be recorded? How many digital lines to be recorded?	The Guam Fire Department will not integrate the recordings of the LMR into the NG911 recorder.
15	3.17.11		The RFP states "The Offeror shall provide seven (7) playback stations". There are eight (8) operator positions and two (2) supervisor positions. Is the requirement for the number of playback stations seven (7) or something different? Are the playback stations supposed to be located at the operator positions?	The number of playback stations required is eight (8).
16	3.16		Confirm that the coverage maps are to be run with the antenna on the portable on the hip as opposed to a speaker mic w	Maps of the coverage area should be run in conjunction with the antenna configured as portable on-hip radios.
17	Appendix J Site Improvements		Provide additional details for the electrical fire suppression system. The site improvements at Malojloj ask for a concrete generator room to house a new generator and stainless-steel fuel tank. This site already has a concrete generator room. Is a new generator room required?	Per Appendix J, with the exception of Mount Alutom, pricing is required at each site for a new generator and fuel tank. Optional pricing is requested for a new concrete generator room at each site, excluding Alutom. Base pricing shall include location of new generator and fuel tanks at their existing location.
18	3.19.1		The RFP states "The Offerors shall also propose subscriber radio equipment user training per Section 3.20.04." Can you provide the training requirements for the subscribers.	Training shall be conducted in accordance with Section 3.21. The reference to Section 3.20.04 is incorrect.
19	Section 3.17.6		Section 3.17.6 states that "Over-the-Air Rekeying (OTAR)" is required. However, Appendix H lists it as optional. Please clarify.	There is a correction made to Appendix H, OTAR will be required, it is not optional.
20	3.17.7		1 Section 3.17.7 states that "Global Positioning System (GPS) and interface to CAD (Computer Aided Dispatch) Automatic Vehicle Location (AVL)" is required. However, Appendix H lists it as optional.	There is a correction made to Appendix H. These are mandatory, they are not optional.
21	Appendix A		Please provide the latitude and longitude for each of the potential sites referenced in Appendix A	Latitude and longitude for existing and potential sites are contained in Appendix C.
22	3.15		Please provide the call model, user distribution, traffic statistics and talk groups to be modeled	See Appendix D for recent system usage numbers and current talk groups.
23	3.15		Please provide the current number of channels deployed at each site on the existing system	Channel counts are as follows: Orote:14, Barrigada:12, Malojloj:11 and Pigua:11. Not all channels are operational.
24			What is the maximum output power per base station radio allowed?	Please refer to the current LMR licenses for existing power output.
25			What is the input power (AC/DC) for the base station equipment?	Offeror is to determine power requirements for each site.

Question #	RFP Section	Page #	Question/Comment	Answer
26			Please provide floor plans for all available sites. Identify which equipment will be replaced and which will be required to stay.	Floor plans are not available for the transmitter sites. It is the responsibility of the Offeror to identify floor layouts during the site visits. All existing LMR equipment is to be removed from the existing shelters and towers.
27			Is a PSTN interface required for the P25 network? If so, how many lines are required	PSTN interface is not required.
28	3.19.11		What is the telephone interface required for the dispatch console to interface to the NG-911 system?	Normally the interface between the CHE and the LMR is accomplished at the console level. Each CHE position and LMR console connects to each other for transfer of audio for the ability to use a single headset for both. Normally the LMR console will aggregate the audio call traffic coming from the CHE over a 6-wire connection (either over a phoenix connector, standard or customer RJ45 depending on radio vendor) to output over the headset (connected to the LMR) and vice versa for radio traffic (over the CHE speakers) and dispatch audio (to the caller).
29	3.19.11		Does the Dispatch system require redundancy?	Connectivity to the Dispatch Center requires redundancy.
30			How many dispatch positions are required for Police, Fire or other entities? Please specify number per group.	There are a total of ten dispatch positions, five each for police and fire, including two supervisor positions.
31			How many P25 talkpaths (concurrent conversations) are required at each operator position? How many total?	Offeror to determine the required number of talk paths based on system loading.
32	3.17.11		How many IP channels need to be recorded by the Multimedia Logging Recorder at one time?	The Offeror is responsible for recording all conversations at all times.
33	3.19.10		Please specify the number of conventional radios to be interfaced at each site.	Each radio site shall be equipped with a gateway device allowing for a minimum of four conventional resources to be controlled via the dispatch console network. Respondents shall detail expansion capabilities of these gateways.
34	3.19.1		Please confirm the number of radios to be supplied are 250 x Portables; 100 x Mobiles; and 30 x Control Stations. Are any spares required?	Radio quantities specified are for police and fire and include spares. Additional radios may be procured by other system users. GPD reserves the right to increase the number of radios as required.
35	3.19.3		Please specify the intrinsically safe standard required by GPD.	Intrinsically safe batteries shall meet the requirements of TIA 4950/CSA C22.2 No. 157/UL 913 5th Edition
36	3.19.3		Please clarify the term "Fire ground accountability solutions."	Refers to ability to locate resources on ground.
37	3.19.5		Please clarify whether "programmable side buttons on keypad microphone" for mobile is mandatory or optional.	Optional.
38	Appendix C		Please confirm that all existing microwave licenses and locations are available for the new system	Active microwave licenses are listed in Section 3.6 of the RFP. It is the responsibility of the Offeror to obtain additional microwave licenses if new microwave links are proposed.
39	3.22.2		What assumptions should the Offeror make with regard to parallel operation of the existing radio system and the new P25 system? Are the new sites expected to be on different and non- interfering frequencies or to reuse the existing frequencies?	The existing system must remain operational during implementation of the new system including the 60 day operational test. It is the responsibility of the Offeror to obtain non-interfering frequencies if needed.
40	Appendix D		Values are given for the usage per talkgroup. What is time period for this usage? Daily? Monthly? Yearly?	2022 data is annual and 2023 data is for 8 months.
41	3.19.5		Please provide additional detail on the functionality required for public address kits.	Please provide standard public address kits.
42	3.17.13		Please provide additional detail on the functionality required for Fire Station Alerting (FSA) system.	See Section 3.17.13. The RFP requires alerting and passing of voice traffic to fire stations and fire personnel.
43	RFP-GPD-2024-001-Government-of-Guam-P25-LMR-Communication-System-Upgrade	15	This offeror respectfully requests a 30-day extension to the required delivery date of proposal responses, based upon the following deficiencies of the Site Survey: • Only one (1) of the fourteen (14) Fire stations that require a Fire Station Alerting System was included in the Site Survey Schedule. In order to develop the system and pricing we request floor plans be supplied. • Orote Point Radio Site access was not accessible during the Site Survey schedule. Please provide floor plans to develop a plan (power, cost, pricing) for this location.	The proposal submittal date has been extended to 3:00 P.M., Friday, May 24, 2024 Chamorro Standard Time due to the delay in accessing Orote Point. See RFP Amendment #1. Regarding Fire Station Alerting, see answer to Questions #6 and #42.
44	RFP-GPD-2024-001-Government-of-Guam-P25-LMR-Communication-System-Upgrade	165	Confirm that warranty begins upon acceptance and that the initial warranty period is three years.	Warranty begins upon system acceptance and initial warranty is three years.
45	Appendix J - Site Improvements	1	Appendix J states, "required site-specific improvements." Are these improvements still required if the design does not include a specific site or sites?	If an existing site is not included in the Offerors design, then improvements are not required for that site, however, removal of old radio system components, including backhaul is still required.
46	Appendix J - Site Improvements		Electrical fire suppression system is listed as optional for Mount Alutom, Orote Point, and Malojloj, but not for Barrigada and Pigua. Is this correct?	Correct.
47	RFP-GPD-2024-001-Government-of-Guam-P25-LMR-Communication-System-Upgrade, Site Visit		When will access to Orote Point Radio Site be scheduled? Also request detailed layout and plans for Orote and technical specifications for the microwave. When will drawings be provided?	Access to Orote Point will be conducted before the end of February 2024.
48	RFP-GPD-2024-001-Government-of-Guam-P25-LMR-Communication-System-Upgrade, Site Visit	21 / 27	Section J states, "Offerors shall submit their written Proposals and Proposal Documents in a sealed envelope to include one (1) original and five (5) copies and one electronic copy on a thumb drive." Section M states, "Provide a disclosure of financial resources sufficient to demonstrate an ability to complete this Project." Are we permitted to provide the financial information in a password protected file on the thumb drive?	Yes.
49	Appendix I- Critical Buildings		Request for floor plans and power information for all the Fire Stations. In addition, currently the Talofoto Fire Station is missing from the list of Fire Stations in the RFP. Could we confirm this is an oversight and that FSA is also required for this location?	Talofoto Fire Station has been added to the list of Fire Stations in the RFP. See revised Appendix I - Critical Buildings in RFP GPD-2024-001 Amendment #1. At this time, Guam Fire Department cannot provide floor plans for each fire station.
50	Licensing and Management		Will the Government of Guam and the Guam Public Safety System directly manage the ERCES in all specified buildings, or is there a requirement to obtain express consent from the licensee for using specific frequencies with signal boosters?	The existing LMR frequencies are currently licensed by GPD.
51	System Requirements and Standards		What frequencies are required for the ERCES?	The public safety LMR system operates in the 800MHz band.
52	System Requirements and Standards		Is compliance with UL 2524 required for system components like repeaters, transmitters, and signal boosters?	Compliance with UL 2524 is not required.
53	Coverage and Quality		What are the coverage requirements for critical and non-critical areas within buildings?	See Section 3.16.2 for coverage requirements.
54	Delivered Audio Quality (DAQ)		What is the minimum DAQ required for the ERCES?	See Section 3.16.2 for DAQ requirements.
55	Antenna Isolation		What level of isolation is needed between the donor antenna and indoor antennas?	Design of any ERCES system is the responsibility of the Offeror.
56	Power and Infrastructure		Which buildings require a 2-hour battery backup or a 12-hour battery backup, and how does this integrate with building generators.	Radio transmitter sites and backhaul sites require 8 hour battery backup per RFP section 3.7.3.

Question #	RFP Section	Page #	Question/Comment	Answer
57	Sprinkler Systems and Fire- Resistance Ratings		Which buildings with NFPA 13 compliant sprinkler systems do not need fire-resistant cabling, and what are their fire-resistance ratings?	We do not have detailed information on existing buildings.
58	Monitoring and Maintenance		Are annunciators required to indicate conditions such as power status, battery capacity, and component malfunctions?	Annunciators are not required.
59	Propagation Delay		What is the allowable maximum propagation delay for the ERCES?	The design of ERCES systems is the responsibility of the Offeror.
60	DAQ		What method for DAQ determined for the ERCES	Offerors shall provide a test procedure for verifying in building DAQ.
61	DAQ		What is the minimum acceptable DAQ? (3.0, 3.4 or 3.5)	See Section 3.16.2 for DAQ requirements.
62	Building Construction and Attenuation		Can you provide details on building construction and estimated attenuation for buildings requiring ERCES?	We do not have detailed information on existing buildings.
63	Certification and Professional Standards		Are NICET certifications required for design and installation supervision of the ERCES?	NICET is not a requirement for Guam.
64	Frequencies		There allocation of frequencies is not defined in the RFP. Who is responsible for the allocation of frequencies and are there any available "spare" frequencies that are not currently in use?	The Offeror is responsible for coordinating and obtaining radio frequencies as required for the new system. Some GPD licensed frequencies may not be currently in use due to the current system operating with reduced channel capacity.
65	Section Q		The RFP does not mention a requirement for vendors to demonstrate the proposed solution to the GPD evaluation team and to answer questions related to the response. This demonstration phase of RFP evaluations is critical in most customer evaluation of RFPs. It allows the customer to witness the functionality the vendor described in the response to ensure that is functions as promised. Will GPD consider adding a third evaluation criterion with associated points for this demonstration of the proposed solution?	GPD reserves the right to request additional information from any or all vendors during the proposal evaluation process, including but not limited to demonstration of the proposed solution.
66	Appendix H		Performance Bond: RFP package does not indicate a performance bond, but a performance bond is included in the costing worksheet. Is a Performance Bond required, and if so, what are the requirements?	Answer pending legal review. Potential offerors will be provided an answer upon clarification.
67	Section N		The RFP requests that prime contractors provide proof that they have delivered quality work on similar projects. A minimum of five referenced projects is being sought with an emphasis on experience in design and implementation of P25 LMR Projects along with a narrative describing cost and schedule performance. Currently the RFP allows only 4 pages for prime contractor's responses in this section which may not be adequate to fully comply with the information being sought. Please consider expanding the page count in this section to 10 pages. In addition to the page count expansion we believe that GPD should mandate that all references be accompanied by a customer evaluation of the prime's performance (to be submitted directly to GPD from the reference POC). Only by soliciting direct customer feedback via Past Performance Questionnaires (PPQ) can GPD be assured that the project was a success for all the stakeholders involved. We have attached an example of a PPQ form for your consideration and potential incorporation.	Accepted length to be one page per reference, (i.e. 5 pages total). GPD reserves the right to request additional information on past performance including direct discussions with referenced customers.
68	Section N		Given the requirements in the RFP for the offeror to provide detailed past performance and proof of experience deploying and maintaining P25 systems, please confirm that past performance and experience references will only be considered from prime contractors.	The evaluation of past performance will take into account the direct involvement of the prime contractor in prior LMR deployments.
69	Section 3.8		The RFP identifies the radios currently in use by the various user groups on the existing system. In order to preserve the life of the existing radio fleet and to ensure that all radios are operational on the new P25 system at cutover, please confirm that an FDMA only design is required.	Though not a strict requirement, the ability for legacy radios to operate on the new system will be a consideration in the evaluation of proposals.