



Government of Bermuda
Ministry of National Security

Addenda

For

Upgrade of the Closed Circuit Television “CCTV” Network

Procurement No: **RFP MNS HEAD 83-220407 -CCTV**

Issued: **Tuesday July 19, 2022**

Submission Deadline: **Thursday September 08, 2022 04:00:00 PM AST**

Addenda No: **[#1]**

Addenda Type: Questions and Responses

The following addendum supersedes information contained in the solicitation document issued for this procurement to the extent referenced. This Addendum forms part of the solicitation documents and will be subject to all of the conditions set out in the contract conditions.

Note 1: It is important to note that proponents should not place an over reliance on the existing CCTV infrastructure to be the foundation for their offering. While components of the existing infrastructure are available to be used, it should not be fundamentally relied on to sustain proposals consistent with the RFP requirements.

Note 2: Shortlisted proponent(s) should prepare to meet with the Commissioner of Police and the Evaluation Team during the week of 19th September 2022 for 15 minute oral presentation(s) around the concept of their proposal(s).

Questions and Responses to Questions

Question 1	Please provide the total number of cameras that will be replaced in initial phase
Answer1	285.
Question 2	Kindly asking if the minimum spec per camera please be identified, currently all specs are together and not itemized per camera model



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Answer 2	Refer to document titled "All Camera Specs.pdf"
Question 3	Can a list of sites with information be provided with existing and projected sites for expansion, coordinates, (Pole and or Building pictures), camera quantities per camera type per site and quantity
Answer 3	Refer to document titled "Answers to Addenda1_Relevant Documents.pdf"
Question 4	Please confirm there is no need for camera power back up
Answer 4	No.
Question 5	Please confirm the SD card storage capacity that is needed and quantity
Answer 5	7 days storage capacity.
Question 6	Regarding the VMS please confirm if any the total days of regular storage not just for LPR which is requested for 365 days
Answer 6	180 days for CCTV cameras.
Question 7	Please confirm within the command center if any computers/PC's are needed as well if yes please provide along the specs
Answer 7	Yes, all new computers are required at these specifications: Document titled "Workstation 2x4x video wall" and "Console 6 Properties.JPG"
Question 8	Would it be possible to provide pictures and measurements that will be utilized for the video wall.
Answer 8	Monitor Wall Size: 24ft x 7ft. Room Size: 46ftx20ft Console Size: 20ftx4ft Monitor Wall Screens: 8x55ins Monitor Types: Samsung & Bosch (Colour) 2 Desktop Workstations: 4x24ins. Refer to photo titled "Picture of Monitor Wall".
Question 9	Please confirm the size of the TV's in the command room (55")
Answer 9	The size of the monitors on the wall is 55 inches.
Question 10	Please confirm that all building owners/mangers that house existing camera infrastructure have been made aware/contact that the RFP has been released and various companies will be conducting site surveys
Answer 10	All necessary engagement and access to building locations will be arranged by the proponent.
Question 11	With regards to City of Hamilton where there are existing CCTV/cameras in place, will the Police ensure that access to these locations for the install engineering teams
Answer 11	Refer to Answer to question 10.
Question 12	Would the deciding body be willing to allow and extension for the submission deadline date
Answer 12	No.
Question 13 (1A)	To accurately design and price this solution, please provide a list/map of the field



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	LPR/PTZ/Fixed camera locations. Also include an itemized list of the makes/model numbers of the accessories for both the CCTV hardware as well as all of the wireless hardware, including power supplies and their accessories at each location.
Answer 13(1A)	Refer to Answer # 3
Question 14 (1B)	Please also include a description on how each is setup. (stand alone, drawing 110v from an attached building etc).
Answer 14(1B)	Refer to Answer# 3 above.
Question 15 (1C)	Can you provide a map/list showing additional camera locations? (mentioned on site walk. i.e. Court/Dundonald that was never installed. (but requested during site walk)
Answer 15(1C)	Refer to Answer #3 above.
Question 16 (1D)	Please note on Field Device Locations, which main towers they are connected to.
Answer 16 (1D)	The selected Proponent will be provided with the list
Question 17 (1E)	Please provide a list of current spare equipment for the camera location devices. (cameras, power supplies, housings etc.)
Answer 17 (1E)	N/A to current RFP needs.
Question 18(2A)	Please provide a network and logical diagram of backhaul equipment/fibre locations and head-ends/PtP or PtMP bearers? Specifically showing any/all interconnections between sites
Answer 18(2A)	The selected Proponent will be provided with a high level network diagram.
Question 18(2B)	Please provide quantity and model #'s of the UPS units at each tower location.
Answer 18(2B)	Not functioning.
Question 19(2C)	What backhaul RF bands are currently licensed? Is this an ongoing cost?
Answer 19(2C)	3720MHz - 10MHz Channel
Question 20(2D)	Please provide a list of current spares for the Point to Point & Point to multi-point locations.
Answer 20(2D)	Not applicable to the RFP.
Question 21(3A)	What is the current CCTV footage retention period? What would be the desired retention period?
Answer 21(3A)	30 days current. Proposed is 180 days.
Question 22(3B)	Please provide computer specs for the 5x workstations in com-ops that currently run the CCTV software. (the 2x units responsible for the 4x video walls each noted separately). Are those 5x workstations currently connected to individual UPS units. Do the TV monitors in ComOps have HDMI inputs
Answer 22(3B)	Refer to Answer #7 for specifications. Yes to UPS and HDMI.
Question 23(3C)	How many people are expected to be part of the training for the new system. How many training sessions will be required to organize all participants.
Answer 23(3C)	30 persons including train-the trainers. Proponent to submit number of sessions which will provide complete training on full system features.
Question 24(4)	Please provide a list of firms competing for this contract (both local and foreign)



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Answer 24(4)	The information request is exempt from disclosure. See Section 25 of PATI.
Question 25(5)	Please provide firm currently supporting the equipment. (camera components, wireless components, software components etc)
Answer 25(5)	The information request is exempt from disclosure. See Section 25 of PATI.
Question 26(1.1)	CCTV monitoring Room, we request the following: a] Island Map of Existing CCTV Locations/Sites b] City of Hamilton Map of Existing CCTV Locations/Sites
Answer 26(1.1)	Refer to Answer #3.
Question 27(1.2)	Matrix of functioning/non-functioning equipment/CCTV's [154 cameras] by location and types.
Answer 27(1.2)	Refer to Answer #3.
Question 28(1.3)	Matrix of proposed/desired locations and types of new CCTV's [265 cameras].
Answer 28(1.3)	Refer to Answer #3.
Question 29(1.4)	Existing equipment and CCTV locations, does Government pay all Belco usage monthly charges?
Answer 29(1.4)	Yes.
Question 30(1.5)	Existing equipment and CCTV locations on private buildings, does Government pay all Belco usage monthly charges and or rent to the building owner?
Answer 30(1.5)	Govt pays a pro-rated electricity cost at present to private buildings. No rent to owner at present.
Question 31(1.6)	Existing GOV Towers does GOV pay all Space or Belco usage monthly charges?
Answer 31(1.6)	Refer to Answer at #29(1.4).
Question 32(1.7)	Police vetting, Proponents must submit proof of police vetting. Confirm if there are fees, interviews and applications for this processes [per employee].
Answer 32(1.7)	Proponents to bear associated costs.
Question 33(1)	What is the current status of the existing system how many cameras are working and recording?
Answer 33(1)	Refer to Answer #3.
Question 34(2)	Can you provide a list of all the cameras and locations?
Answer 34(2)	Refer to Answer #3.
Question 35(3)	There was mention of new locations do you have a list of these locations? at these locations who will be responsible for Belco feed.
Answer 35(3)	Refer to Answer #3.
Question 36(4)	Is there a possibility to extend the submission deadline date?
Answer 36(4)	No.
Question 37(1)	What improvements are MNS/BPS looking to make with the system and within what time frame?
Answer 37(1)	To update and expand the island wide CCTV system which is no longer fit for purpose by providing identification level video at every site, device-agnostic VMS features, Video Analytic features, LPR/ANPR features, Speed and Stop Light cameras, backhaul/network scalability for future needs, future third-party



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	integrations.
Question 38(2)	What problems with the current system are MNS/BPS looking to solve/resolve by engaging in the RFP process?
Answer 38(2)	To update and expand the island wide CCTV system which is no longer fit for purpose.
Question 38(3)	Will we be provided with or where can we find governments most recent cyber-attack prevention requirements? or is it found within the cyber security strategy 2018-2022? - what if any parts of that strategy have been implemented that would be relevant and considered during this RFP process?
Answer 38(3)	See document titled "10999-National-Cybersecurity-Strategy.pdf"
Question 39(4)	Do the RFP particulars/deliverables that have been put forth already take into consideration cyber-attack prevention and the PIPA compliance?
Answer 39(4)	Yes.
Question 39(5)	How old is the current system network, network equipment and cameras?
Answer 39(5)	8 years old; (likely end-of-life[EOL]).
Question 40(6)	When did the system first come online?
Answer 40(6)	In 2014.
Question 41(7)	What are the inefficiencies with each camera type in the current system?
Answer 41(7)	Not fit for use in an identification level video network
Question 42(8)	In what order does MNS/BPS want each network and/or camera site upgraded (priority)?
Answer 42(8)	Proponent to submit proposal with plan as required by RFP.
Question 43(9)	At site #1 how much of that equipment is used for CCTV system?
Answer 43(9)	The equipment in the various racks shown during the site visit.
Question 44(10)	Do we need to replace poles and boxes that are part of the current system?
Answer 44(10)	No to poles replacement; New poles may be required for new locations. Boxes will have to be assessed for future use based on the proposed design of system by proponent.
Question 45(11)	What is the current upload speed at each camera site?
Answer 45(11)	N/A to RFP.
Question 46(12)	What is the optimum size of the video wall to be designed?
Answer 46(12)	Refer to Answer #8.
Question 47(13)	Does MNS/BPS need the old video files saved somewhere for future use/reference?
Answer 47(13)	There are existing DVRs and this is not a requirement.
Question 48(I)	Please provide a detail listing of equipment deployed (hardware and software) at each tower site
Answer 48(I)	Refer to documents titled "Overview of Physical Infrastructure.pdf" and "Network and Camera Diagrams.pdf"
Question 49(II)	Confirm if there is a present maintenance contract and the provider for communication network



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Answer 49(II)	No present maintenance contract.
Question 50(III)	Please provide a detail listing of surplus (new spare) equipment held by BPS.
Answer 50(III)	N/A to RFP.
Question 51(IV)	Confirm the number of Camera's at present transmitting via your digital mesh network (DMN)?
Answer 51(IV)	About 40 working camera are transmitting via DMN
Question 52(V)	Confirm if any cameras are using fibre only or both fibre/DMN and the number of Cameras.
Answer 52(V)	About 16 working camera are using fibre
Question 53(VI[a])	Section 4, b) Basic Server Configuration (page 27) a. Confirm BPS only wishes solutions utilizing Windows 2016?
Answer 53(VI[a])	Option of Windows and LINUX.
Question 53 (VI[b])	Section 4, b) Basic Server Configuration (page 27) b. The RFP references 'Full Redundant' option please provide the BPS definition of full redundant
Answer 53 (VI[b])	System must have primary and secondary components with the ability to keep working in the event of an issue with the primary components without downtime to the service.
Question 54 (VII[a])	Section 5, a) Video Management for the CCTV (page 30): a. Multi factor authentication – what are the factors that you are looking to utilize?
Answer 54 (VII[a])	Proponent to propose solution.
Question 54 (VII[b])	Section 5, a) Video Management for the CCTV (page 30): b. What changes to the current CCTV system's configuration would you want an API to allow external applications to modify?
Answer 54 (VII[b])	Not the current system. The proposed CCTV network's system configuration to allow third-party integrations.
Question 55 (VII[a])	Section 5, b) Video Analytics (page 30) a. Is the expectation of analytics to be deployed on external cameras (cameras not on BPS network)?
Answer 55 (VII[a])	Yes. There should be an ability to ingest video and analyse it.
Question 56 (IX[a])	Section 7, LED Video Wall (page. 32) a. Please provide a floor plan of COMOPS (Video Monitoring Centre and 911 Centre) with dimensions
Answer 56 (IX[a])	No floor plan will be provided. Refer to Answer# 8.
Question 56 (IX[b])	Section 7, LED Video Wall (page. 32) b. Confirm number, size and brand of monitors in the video monitoring centre at COMO
Answer 56 (IX[b])	Refer to Answer# 8
Question 56 (IX[c])	Section 7, LED Video Wall (page. 32) c. Based on the configuration of COMOPS confirm if upgraded video walls



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	for 911 centre are part of this RFP?
Answer 56 (IX[c])	Yes.
Question 57(1)	Does the Ministry of National Security (MONS) intend for this RFP to replace the existing system like-for-like?
Answer 57(1)	No. MoNS is seeking the most suitable option meeting RFP requirements.
Question 58(2)	Does the MONS have a CAPEX Budget requirement for this project and if so what amount has been set aside per year for following five years?
Answer 58(2)	Proponents are allowed to submit cost proposals for consideration.
Question 59(3[a])	Does the MONS intend to keep some parts of the existing CCTV system? a. If yes, please provide detailed description of which parts exactly will be kept and which parts are to be replaced?
Answer 59(3[a])	Proponent will have to decide based on the design of their intended system. Any existing part of current network which fits into system proposed by vendor will be available for such use.
Question 59(3[b])	Does the MONS intend to keep some parts of the existing CCTV system? a. Will winning bidder be required to conduct an audit of the existing CCTV system to determine which parts to keep and which to replace?
Answer 59(3[b])	Proponent to advise based on their system design.
Question 60(4)	What is the MONS expecting by way of proposal? Full detailed proposal or indicative outline proposal for discussion?
Answer 60(4)	Full detailed proposal
Question 61(5)	What payment terms are favoured or preferred, or acceptable?
Answer 61(5)	Proponents are allowed to submit cost proposals for consideration.
Question 62(6)	What is the Timeline for execution of the project should the Proponent be successful in winning the RFP in December 2022?
Answer 62(6)	Proponents are allowed to provide recommendations which will be finalized during contract negotiations.
Question 63(7[a])	Does the MONS own existing VMS and analytics software licenses which they wish to retain for use in the new system to reduce costs or are they open to new software solutions? a. Please provide a list of all Software to be retained?
Answer 63(7[a])	a. No. Existing VMS does not meet RFP requirements and there is no current video analytics software. New software solutions are required.
Question 64(8[a])	Can we get a list of all Existing and New Camera Site locations including following information: a. Latitude and Longitude coordinates in decimal format
Answer 64(8[a])	Refer to Answer #3.
Question 64(8[b]{i})	b. Full Site equipment inventory: i. List of Cameras installed at site including quantity, make, model, additional lenses, camera enclosure models.
Answer 64(8[b]{i})	Refer to Answer#3.



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Question 64(8[b]{ii})	b. Full Site equipment inventory: ii. Camera orientation intended coverage area including height, azimuth in deg, tilt, angle.
Answer 64(8[b]{ii})	See Answer #3.
Question 64(8[b]{iii})	b. Full Site equipment inventory: iii. Power supplies – UPS backup time, POE injectors.
Answer 64(8[b]{iii})	N/A to RFP.
Question 64(8[b]{iv})	b. Full Site equipment inventory: iv. Transmission equipment – Make, Model, Quantity of IP LAN switch or router equipment, Fibre media converters, wireless PTMP client radios and antennas.
Answer 64(8[b]{iv})	Refer to Answer #3.
Question 64(8[c])	c. Structure type – for example Utility/Light Pole, Government building, Private leased, Building
Answer 64(8[c])	Refer to Answer # 3.
Question 64(8[d])	d. Transmission Type – Fiber Optic, Wireless
Answer 64(8[d])	Refer to Answer #3.
Question 65(9)	For the new locations will the Bermuda Government provide the physical structure to mount the cameras on, whether it be utility pole, leased privately owned building or Government owned building in a ready-to-install state with Electrical supply and conduit path for telecommunications cabling as required or does the RFP require a detailed costing for each and every new location build from green field?
Answer 65(9)	No, this is for the proponent to arrange and provide. GVT will do what it can to assist with GVT approvals.
Question 66(10)	Is there scope to recommend higher specification cameras in some areas and lower specification cameras in other areas to satisfy MONS/BPS surveillance criteria?

Answer 66(10)	No. There is scope to raise a specification but not to lower it.
Question 66(11)	What is the MONS/BPS surveillance criteria on a per site basis?
Answer 66(11)	Identification level video at every site.
Question 67(12)	Can we get a copy of current Transmission network design drawing, showing network hardware, wireless links, Fibre optic links, private circuit capacities and leased circuit arrangements with public telecoms companies?
Answer 67(12)	Will not be provided.
Question 68(13)	Can we get an inventory list of Government owned telecom facilities particularly Fibre infrastructure across the island that could be leveraged to support this project?



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Answer 68(13)	Proponents should contact Digicel, Cellone, Information and Digital Technologies (IDT) and do their own RF design to achieve the links.
Question 69(1)	Are there any current fiber connections and if so, where are they? Are they on the backhaul or on the edge networks?
Answer 69(1)	Refer to document titled_“Existing PoC Sites.pdf”
Question 70(2)	Which backhaul links are still operating and to what capacity?
Answer 70(2)	Refer to Answer #3.
Question 71(3)	Which edge links are still operating?
Answer 71(3)	Refer to Answer #3.
Question 72(4)	Which cameras are in operation and what are the current paths back to ComOps?
Answer 72(4)	Refer to Answer #3.
Question 73(5)	Clarity on #16 of Technical Compliance Sheet. Is this a multi-sensor, or a single sensor a 41 mega-pixel camera?
Answer 73(5)	Single sensor (fixed) HD camera of 41MP or 61MP.
Question 74(6)	Is BPS responsible for forming contracts with private entities for camera installations / power supply? i.e., cameras that are installed on private property.
Answer 74(6)	No.
Question 75(7)	In the case of existing installs on private property, are there existing contracts in place and if so, will they be extended by BPS/Ministry of National Security?
Answer 75(7)	Refer to Answer # 76(6).
Question 76(8)	Will the equipment be duty free?
Answer 76(8)	Yes.
Question 77(9)	Who will be the owner of the system (BPS or National Security)?
Answer 77(9)	The Government of Bermuda (MONS/BPS)
Question 78(10)	Separately deployed (mobile command) CCTV system at events (does this connect back to system or is it to be maintained as standalone)
Answer 78(10)	Connects back to the system.
Question 79(11)	Is the expectation to have LPR on every CCTV camera or only in specific locations?
Answer 79(11)	Every site camera must be video analytic capable. Additional LPR specific sites at 19 locations.
Question 80(12)	Is the expectation to have facial recognition on every CCTV camera or only in specific locations?
Answer 80(12)	Required only in specific locations. Refer to Answer #3.



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Question 81(13)	Can clarity be provided as to whether the CCTV solution software must be a native integration solution of the proposed car license plate reader brand (note: the CCTV and the LPR/ANPR must be the same).
Answer 81(13)	Preferred but not required. Proponent to submit options.
Question 82(14)	With regard to RFP Head 83, can clarity be provided on PTZ quantity and resolutions?
Answer 82(14)	Refer to Answer #3.
Question 83(15)	What are the BPS/public services reserved available wireless frequencies?
Answer 83(15)	Refer to the Regulatory Authority (RA).
Question 84(16)	Can clarity on the quantity of stop light cameras be provided?
Answer 84(16)	4 Stop Light cameras.
Question 85(17)	What is Telecom regulatory authority decision/stance on use of CBRS frequencies?
Answer 85(17)	Proponent to contact Regulatory Authority (RA) to provide preferred spectrum allocation.
Question 86(2.1)	Of the [265] cameras define total number of types of cameras [PTZ cameras, varifocal cameras, facial Recognition & License Plate Recognition ("LPR") cameras] and their resolution.
Answer 86 (2.1)	Refer to Answer #3.
Question 87(2.2)	What is the Frame rate for the 365 days of storage.
Answer 87(2.2)	20-30 FPS
Question 88(2.3)	VMS, Number of locations, number of operators, number of cameras per operator.
Answer 88(2.3)	Yes. Refer to RFP.
Question 89(2.4)	Video Synopsis is not suggested for PTZ cameras, how many cameras would you require under this platform?
Answer 89(2.4)	All cameras on the network must be video analytic capable. The Video Analytic features to cover every camera.
Question 90(2.5)	Do you require Real Time with the Video Synopsis Platform? if yes how many cameras?
Answer 90(2.5)	Yes. All cameras.
Question 91(2.6)	Will you be using Business Intelligence from VS Platform? If yes how many cameras?
Question 91(2.6)	All cameras.
Question 92(2.7)	Other analytics, can we define the type and the qty. per analytics?
Answer 92(2.7)	See Appendix D – RFP Particulars, 5 b) for Video Analytics. For all CCTV cameras
Question 93(2.8)	Servers, do you require the solution for 700 cameras at once or [265] future expandable to 700?
Answer 93(2.8)	Initially 285 cameras with availability to scale over time.
Question 94(2.9)	Can we propose an equal/alternate server brand partnered with the VMS



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	solution we are offering?
Answer 94(2.9)	Yes.
Question 95(1)	Can a topical map of current site locations be provided to vendors? If feasible, could the following information for each site be provided; approximate square footage location, equipment, functional status, vendor, manufacturer, Camera(s) list, quantity, and model number.
Answer 95(1)	Refer to Answer #3 for current equipment, status, vendor, manufacturer, and sites, camera list, quantity, location and model numbers.
Question 95(2)	Is there any interest in integrating indoor cameras at critical infrastructure or other sites of interest?
Answer 95(2)	No.
Question 96(3)	What solutions, if any, must be kept and therefore integrated rather than replaced by the vendor? (Access control, Analytics, etc.).
Answer 96(3)	None
Question 97(4)	Should the vendor assume in its roadmap that the capabilities requested in the RFP do not currently exist in the system managed by the BPS department?
Answer 97(4)	Yes.
Question 98(5)	What, if any, record/evidence management services are currently being used? If yes, would the customer prefer to replace or integrate this system?
Answer 98(5)	There is none. It is a requirement in the RFP (VMS Features)
Question 99(6)	Is it the intention to integrate the proposed gunshot detection and LPR systems into the current VMS? If so, what VMS is being used?
Answer 99(6)	It is intended that the chosen VMS must be device-agnostic to enable various integration and device growth. Panasonic ASM 300 is the current VMS on the existing system.
Question 100(7)	Will BPS require remote access, and how many logins would be necessary?
Answer 100(7)	Yes. 10
Question 101(8)	Is it BPS' intent to replace all the cameras, or is it to upgrade them as needed in specific locations?
Answer 101(8)	Replace.
Question 102(9)	Of the current site locations, what quantity of cameras (CCTV, LPR, etc.) require replacement, or are they all nonoperational/faulty? How many are functioning to the customers' expectations?
Answer 102(9)	Refer to Answer# 3
Question 103(10)	What, if any, will the application need to be integrated with the cameras?
Answer 103(10)	Third-party integrations
Question 104(11)	From a governance standpoint, the RFP stipulates users who can and will access or manage the CCTV system. However, from a threat notification and mitigation standpoint, what is the current size of the BPS department users, and how many agencies and users would need to receive threat detection notifications or notices?



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Answers 104(11)	No more than 20 users.
Question 105(12)	What, if any, integration with Bermuda Regiment is expected within the RFP's scope?
Answer 105(12)	For the purpose of this RFP - N/A
Question 106(13)	What, if any, planned or desired system governance by designated personnel identified in the RFP? For example, are other emergency agencies and third-party vendors who would also need to access the systems?
Answer 106(13)	None at this time.
Question 107(14)	What is the BPS data retention policy for the camera system? How long do you need to store the recorded content?
Answer 107(14)	Refer to Answer # 6
Question 108(15)	Where does the current server and storage hardware reside? Is there room for our new proposed equipment?
Answer 108(15)	Prospect. Yes
Question 109(16)	Does the BPS use any type of Cloud storage like Microsoft Azure, AWS etc.? Or must all data reside on island?
Answer 109(16)	No. On island.
Question 110(17)	Does the BPS have an off-site backup location for business continuity? If so, what is the current bandwidth between locations?
Answer 110(17)	All backups are within multiple sites in Prospect over GB connections.
Question 111(18)	Outside of the current surveillance system, applications, databases, and storage; can the current network infrastructure facilitate the new solution, or must it also be replaced?
Answer 111(18)	Recommended replace.
Question 112(19)	Will LPR cameras be multi-functioning, or will they only function as license plate readers?
Answer 112(19)	LPR cameras are used solely for LPR.
Question 113(20)	The RFP stipulates the right to implement or deploy solutions proposed by the vendor within its vendors and partners. What reassurances can be given to vendors whose technical architectures and strategies will not be provided to potential vendors?
Answer 113(20)	With each RFP a vendor should expect competing vendors to inquire about the existing infrastructure. While efforts will be made to limit exposure of proprietary technology no guarantees or undertakings will be made other than best effort within the context of a competitive RFP process.
Question 114(21)	Our firm offers wi-fi communications integrated with IoT solutions. Is the government interested in a comprehensive solution that integrates these next-level technologies? If so, is there scoring that benefits bid responders that offer this?
Answer 114(21)	There are no specific technology based benefits in the scoring matrix other than the use of modern technology. In other words it needs to be fit for purpose and



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	there is no advantage for bleeding-edge technologies that may present risks if they are unproven.
Question 115(22)	Are vendors required to present a "turnkey" end-to-end solution to include installation manufacturers' agreements negotiated and in place? Alternatively, can the vendor price the equipment, IoT solutions, and services to be deployed by the vendor and seek to work with the installation team and provider of choice in partnership with BPS?
Answer 115(22)	A bidder's use of subcontractors is a matter for them but the bidder must demonstrate the ability to complete the project themselves within the scope of their bid.
Question 116(23)	After the award, can installation team members be selected/finalized in concert with the BDA government?
Answer 116(23)	No. The bid must represent a complete project.
Question 117(24)	For the sites within the RFP's scope, are pre-existing site leasing agreements negotiated with businesses and vendors to host the equipment? If so, what are the costs associated? Are the leasing agreements consistent across all locations, or are they independently negotiated with the POCs?
Answer 117(24)	Refer to Answer #74(6)
Question 118(25)	Following an award, are the site leasing agreements expected to be negotiated by the vendor, and what support, if any, will be provided by the BPS or supporting agencies?
Answer 118(25)	Refer to Answer #74(6)
Question 119(26)	We interpreted this RFP as the first step to a long-term integrated public safety solution. To what extent is that accurate, and what budget is allocated for the current phase of this solution? We seek to prioritize our response to descope enhanced and secure services and capabilities for future implementation in the proposed roadmap.?
Answer 119(26)	Yes. It will be shared with the selected proponent for the contract. Proponents are allowed to submit cost proposals for consideration.
Question 120(27)	Can you confirm whether BPS will be providing poles/power for this project
Answer 120(27)	Refer to Answer # 69(5). We will pay for the power but proponent to provide needed poles, approvals for new installations.
Question 121(28)	Can the equipment vendors for the Pageant site be provided (i.e., LPR vendor, installation, maintenance, etc.)?
Answer 121(28)	Existing CCTV system contracted company no longer in operation.
Question 122(29)	Can the equipment vendors for the Front Street site be provided (i.e., LPR vendor, installation, maintenance, etc.)?
Answer 122(29)	Refer to Answer #121(28).
Question 123(30)	Is there a particular type of camera that is preferred? (Fixed / Dome / Bullet / PTZ
Answer 123(30)	Refer to Answer #3.
Question 124(31)	Is the current network infrastructure sufficient for the requested camera



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	deployment/update?
Answer 124(31)	No.
Question 124(32)	Are there audio requirements for CCTV camera feeds, and if so, are there any policy requirements limiting or impacting the deployment of cameras with audio?
Answer 124(32)	No cameras with audio are required.
Question 125 (33)	Could the vendor provide crime statistical data or maps and/or identify areas of public safety concerns or challenges for BPS? Which locations on the Island require a higher concentration of security to keep the Island safe using gunshot detection and facial recognition?
Answer 125(33)	No. All camera locations along with camera types submitted in Answer #3 have been crime assessed by the MoNS and meets the requirement for features requested in the RFP.
Question 126(34)	Our systems meet US-based Federal security and data handling requirements, while our vendors and partners operate locally. For those that are not, are there any unique standards vendors should plan to vet to ensure a compliant turnkey solution?
Answer 126(34)	Proponent should submit additional security measures consistent with industry standard best-practice.
Question 127(35)	Will the BPS also accept maintenance and support services via online chat
Answer 127(35)	No, not as sole method of support; but it will be considered as part of other options.
Question 128(36)	What is the minimum response time required for services during evenings, weekends, and holidays?
Answer 128(36)	Response times are dependent on fault severity. System down=4hrs, 1 camera out= 24hrs
Question 129(1)	Is all the BPS equipment (internal/external) at the wireless antenna location 100% operational?
Answer 129(1)	No.
Question 130(2)	If the answer to item-1 is N, then Please provide: - Last maintenance report. - List of equipment (a) to be maintenance (b) to be replaced.
Answer 130(2)	N/A to the RFP.
Question 131(3)	Are all the BPS CCTV camera sites 100% operational?
Answer 131(3)	No.
Question 132(4)	If the answer to item-3 is N, then Please provide the following: The individual site locations that are NOT operational How many of the 154 CCTV cameras are NOT functioning?
Answer 132(4)	Refer to Answer #3.
Question 133(5)	During our site visit (antenna towers), It was disclosed while visiting two camera sites(Paget/Hamilton), that there were about 19 other sites that have functional CCTV capture problems.



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	- How many CCTV sites are NOT “fit for purpose”?
Answer 133(5)	Refer to Answer # 3.
Question 134(6)	List of CCTV Inventory.
Answer 134(6)	N/A to the RFP.
Question 135(7)	Is the “Government” going to provide the “Proponent” with an opportunity for application/ product solution: (i) demonstration and-or (ii) “Pilot”?
Answer 135(7)	As set out in 3.2.4 “ Verify, Clarify and Supplement” on page 10 and Section F. Rated Criteria on page 36 of RFP, short-listed proponents should prepare to meet with the Commissioner of Police and the Evaluation Team for 15 minute oral presentation(s) around the concept of their proposal(s).
Question 135(1)	<u>Networking</u> Is the BPS looking to replace its current network?
Answer 135(1)	Yes.
Question 135(2)	Is the current network owned by the BPS?
Answer 135(2)	Yes.
Question 136(3)	<u>Networking</u> Does it have to be a proprietary network?
Answer 136(3)	No.
Question 137(4)	Is the BPS flexible in terms of frequency/ies that can be utilized?
Answer 137(4)	Regulatory Authority to set out frequency allocation.
Question 138(5)	Is there a set minimum bandwidth speed per camera site, or is it dependent on the camera requirements?
Answer 138(5)	No. Dependent on camera requirements with scalability allowance.
Question 139(6)	Do all current networking devices work?
Answer 139(6)	No.
Question 140(7)	Would BPS like this network to be fully managed by the proponent?
Answer 140(7)	Yes.
Question 141(8)	Can we be provided a network diagram of how all devices are connected?
Answer 141(8)	No.
Question 142(9)	Is the existing infrastructure a fully adaptable mesh network?
Answer 142(9)	No.
Question 143(10)	<u>Command Center</u> What are the dimensions of the video wall?
Answer 143(10)	Refer to Answer #8.
Question 144(12, 1-3)	Current Assets Can we be provided a complete current asset list? Including, but not limited to: <ul style="list-style-type: none"> o Current cameras, model numbers, manufacturers, serial numbers, firmware and location. o Operational status of current cameras. Operational defined in three parts: 1. Is hardware usable? 2. Does the site have a sufficient network connection?



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	<p>3. Does the current implementation perform the desired function of the camera effectively?</p> <ul style="list-style-type: none"> o Map of all current cameras? o Current network configuration of each camera. o Number of switches o Number of radios o Number of monitors o Number of workstations o Number of satellite sites o Backbone of satellite sites o Current UPS models and quantity o Current location of cameras, GPS and Map o Network topology and existing connection type for each camera o Which cameras are operational, and which need to be replaced?
<p>Answer 144(12 1-3)</p>	<p>Refer to Answers #3 & #48(l).</p>
<p>Question 145 (13)</p>	<p><u>New Cameras</u></p> <ul style="list-style-type: none"> • Can we be given a map of where new cameras intend to be located? • What is the intended function of the cameras at each location? LPR, Radar, PTZ, Fixed, Surveillance vs Traffic etc... • Can we have pictures and model type of locations for new cameras as well as provided infrastructure i.e: power on site and transmission infrastructure that may currently exist. • How many of each type of camera is required for the new system, i.e: PTZ, fixed, LPR etc? • What is the storage required for on-camera storage (SD Card Slot)? • Would/should the radar cameras be a separate system from the CCTV system? • Please clarify, what are the minimum frame rates required per camera?
<p>Answer 145(13)</p>	<p>Refer to Answer #3 for Camera List and intended functions. No pictures of sites will be supplied. Refer to Answer #3 for camera numbers. See Answer #5 for SD card requirements. Proponents to submit speed camera system options. Refer to Answer #2 for frame rates.</p>
<p>Question 146(14)</p>	<p>Facial & License Plate Recognition</p> <ul style="list-style-type: none"> • Is the purpose of the Smartphone/Tablet input for the facial recognition system to be for enrollment or detection?
<p>Answer 146(14)</p>	<p>Detection.</p>
<p>Question 147(15)</p>	<p>What GPS status/data are you looking to receive, and from what source?</p>



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Answer 147(15)	GPS Data from installed cameras displayed in Maps feature on VMS
Question 147(15[1])	<u>Data Management & Storage</u> How accessible does the storage need to be, i.e., time to retrieve?
Answer 147(15[1])	On-site immediate access.
Question 148(15[2])	H.265? (recommended) or H.264?
Answer 148(15[2])	Both.
Question 148(15[3])	UPS fail-over times? Generator(s)?
Answer 148(15[3])	8ms. Yes there are existing generators at network sites.
Question 149(15[4])	Current Back-Up Solution? How many physical locations?
Answer 149(15[4])	There are no content backups. Programming/ profiles & configurations are backed up.
Question 150(15[5])	What is the retention period for the different types of data received from CCTV system?
Answer 150(15[5])	Refer to Answer #6.
Question 151(15[6])	Is it desired for storage to be cloud-based or on-premises? Are there requirements for both?
Answer 151(15[5])	On-premises.
Question 152(16[1])	General Questions: Will there be an extension granted to submit the RFP?
Answer 152(16[1])	No.
Question 152(16[2])	Redundancy? What does this mean in all aspects?
Answer 152(16[2])	Refer to Answer #53(VI[b])
Question 152(16[3])	Is it possible to be given a copy of the previous Contract/SOW/Support & Maintenance agreements?
Answer 152(16[3])	No.
Question 152(16[4])	Is the system expected to be a single platform, or can it be multiple platform(s) using a single unified browser-based User Interface?
Answer 152(16[4])	Proponents should submit proposals.
Question 152(16[5])	Will all new cabling be required?
Answer 152(16[6])	Cabling status of sites where no network connection exists is unknown. Proponents will have to assess based on their proposed network design.
Question 152(16[7])	What are the dimensions of the video wall?
Answer 152(16[7])	Refer to Answer #8.
Question 152(16[8])	Multiple nodes?



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Answer 152(16[8])	Yes.
Question 152(16[9])	Copper/fibre switch?
Answer 152(16[9])	Proponent to choose network carrier method/backhaul media, based on the design of their proposed network meeting RFP requirements.
Question 152(16[10])	All new cabling required?
Answer 152(16[10])	Refer to Answer# 152(16[4]).
Question 152(16[11])	Archiver?
Answer 152(16[11])	Yes.
Question 152(16[12])	Are BPS/MoNS supporting going forward?
Answer 152(16[12])	No.
Question 153(17)	Another round of questions is required. Will you allow a submission extension providing enough time for a second round of questions?
Answer 153(17)	No.
Question 154(1)	Myself and team have been reviewing the main document and I have not noticed the address that we need to deliver the seal envelopes. Would it be possible to provide or point out in the document please, would this be at the Ministry of National Security if yes can that be provided with the address and floor/suite number if this is ok.
Answer 154(1)	No hard copies. All proposals are to be submitted via email. Instructions can be found in 1.5.1 – 1.5.5 on pages 5 – 6.



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