



Ministry of National Security

Ministry of National Security Headquarters

Request for Proposals

For

Upgrade of the Closed Circuit Television "CCTV" Network

Request for Proposals No.: RFP MNS HEAD 83 - 220407 - CCTV

Issued: Tuesday July 19, 2022

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

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PART 1 – INVITATION AND SUBMISSION INSTRUCTIONS

1.1 Invitation to Proponents

This Request for Proposals (the “RFP”) is an invitation by the Government of Bermuda (the “Government”) to prospective proponents to submit proposals for **Upgrade of the Closed Circuit Television "CCTV" Network** as further described in Section A of the RFP Particulars (Appendix D) (the “Deliverables”).

The Government represented by the Ministry of National Security (“**Government**”) seeks a proposal to upgrade and expand the existing Closed Circuit Television (“**CCTV**”) system being managed by the Bermuda Police Service (“**BPS**”).

The current CCTV system has the following components:

- Capture Images: - Cameras PTZ and Fixed (Panasonic); LPR (Vivotek and Axis).
- Transmission: - The Backhaul transmission system is via a private wireless network consisting of DragonWave microwave radios, antennas, and software.
- The Network Video Recorder (NVR) is Panasonic (ND400 and NX400) displaying through a Video Management System Panasonic (ASM 300). The LPR software and display is Neural Labs.

The current operational DragonWave microwave links are installed at selected sites. The microwave links data transport system consists of DragonWave dual modem/radio system links in a 4+0 configuration for a quadruple frequency channel in dual orthogonal mode at each end of the link. The radio system at each end of the radio link consists of a high or low frequency pairs unit. The frequency channels are “reversed”, i.e., the transmit frequency band at one end corresponds to the receive frequency band at the opposite end, and vice versa. In addition, two frequency channels are used to transmit/receive from each side, so that more data can be carried per link. Such arrangement permits the highest data transfer rate using a single link setup.

The radios and modems had been configured as a 4+0 system (two radios dual modem, transmitting without backup) to achieve double bandwidth (data throughput) capabilities. The Radio Links operate at 1.6Gbps.

The CCTV system is administered from Command Operations (“**COMOPS**”). The CCTV system can be viewed from a local computer connected to the private CCTV network at monitoring stations in two locations in the BPS. The CCTV solution has the ability to access and show historical video while recording, has several search-by features, can record on continuous recording, can adjust to daylight and night time vision, has the ability to download video, and has various video monitoring stations. The current system has 154 cameras which include 52 PTZ cameras, 83 Fixed cameras, plus 19 LPR specific cameras.

The Government requires the following services for the expansion of its current CCTV system:

- Design & build a hybrid CCTV solution network infrastructure consisting of both fiber optics and wireless backhaul;
- Design and implement a new system architecture that will support PTZ cameras, varifocal cameras, facial & License Plate Recognition (“LPR”) cameras;

- Design a migration plan for the replacement of end of life devices related to the CCTV solution, the upgrade of the existing Video Management System & upgrade of the Storage Platform (NVR & Cloud) for the CCTV system;
- System architecture design must have built-in redundancy at all levels including but not limited to cameras, network, servers, storage & application:
- System Architecture must provide and account for reliability, high availability & scalability for future growth; and
- Design & implement a UPS to supply and maintain VMS Infrastructure for new and existing sites.

The LED Video Wall must:

- Be designed for 24-hour reliability
- Be energy efficient

The contract will be a turnkey basis i.e., Supply, Installation, Implementation, Testing Commissioning and Maintenance of the CCTV system as detailed above. Proposals must also include decommission and disposal of the outdated CCTV parts. Proponent must also provide plans for spare parts and support, training, and annual maintenance and service support for 5 years.

1.2 RFP Contact

For the purposes of this procurement process, the “RFP Contact” will be:

Mr. Vernon Wears at email vswears@gov.bm.

Proponents and their representatives are not permitted to contact any employees, officers, agents, elected or appointed officials or other representatives of the Government, other than the RFP Contact, concerning matters regarding this RFP. Failure to adhere to this rule may result in the disqualification of the proponent and the rejection of the proponent’s proposal.

Prior to the Submission Deadline noted in the RFP timetable below, proponents that download this file and intend to respond to this RFP are required to register their interest with the RFP contact by emailing their company name and contact information to

Mr. Vernon Wears at email vswears@gov.bm.

Amendment/addenda (if any) will be posted at <https://www.gov.bm/procurement-notice>. Proponents should visit the Government Portal on a regular basis during the procurement process.

1.3 Type of Contract for Deliverables

The selected proponent will be requested to enter into direct contract negotiations to finalize an agreement with the Government for the provision of the Deliverables. The terms and conditions found in the Form of Agreement (Appendix A) are to form the basis for commencing negotiations between the Government and the selected proponent. It is the Government’s intention to enter into an agreement with only one (1) legal entity.

The term of the agreement is to be for a period of 5 years. An Agreement is subject to change until fully executed.

Joint submissions are acceptable however, if a joint submission is made, the submission must clearly indicate which party will act as the prime contractor.

1.4 RFP Timetable

1.4.1 Key Dates

Issue Date of RFP	Tuesday July 19, 2022
Pre-Bid / Site Meeting	Monday August 08, 2022 10:00 AM
Deadline for Questions	Friday August 19, 2022
Deadline for Issuing Addenda	Monday August 29, 2022
Submission Deadline	Thursday September 08, 2022 04:00:00 PM
Rectification Period	10 business days
Anticipated Ranking of Proponents	Friday September 16, 2022
Contract Negotiation Period	60 calendar days
Anticipated Execution of Agreement	Thursday December 01, 2022

All times listed are in Atlantic Standard Time (AST). The RFP timetable is tentative only and may be changed by the Government at any time. For greater clarity, business days means all days that the Government is open for business.

1.4.2 Site Visit / Pre-Bid Meeting

For a site visitation appointment, contact Mr. Vernon Wears at vswears@gov.bm.

1.5 Submission of Proposals

1.5.1 Proposals to be Submitted at Prescribed Location

Proposals must be submitted to:

Electronic mail (E-Mail) submissions are accepted at vswears@gov.bm. If documents are larger than ten (10) MB please send them within a zip file.

In the subject line of the email, please state the RFP title. Please ensure to send a copy of your proposal in MS Word and/or Adobe PDF format.

1.5.2 Proposals to be Submitted on Time

Proposals must be submitted at the location set out above on or before the Submission Deadline. Proposals submitted after the deadline will be rejected.

1.5.3 Proposals to be Submitted in Prescribed Format

Proponents shall submit at minimum 0 original signed hard copies of their proposal or one (1) electronic copy (e-copy) in Microsoft Word or Adobe PDF format.

The original and all copies of the proposal shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Proponent. This authorization shall

consist of a written authorization and shall be attached to the Submission Form included in (Appendix B). The name and position held by each person signing the authorization must be typed or printed below the signature. An Electronic Record of Signature will be accepted in the submission only in accordance with the requirements laid out in the Electronic Transactions Act 1999. Any interlineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the proposal.

Proposals should be submitted in a sealed package and prominently marked with the RFP title and number (see RFP cover) and do not be opened until Thursday September 08, 2022 04:00:00 PM. The full legal name and return address of the proponent should be marked on the package as well.

1.5.4 Amendment of Proposals

Proponents may amend their proposals prior to the Submission Deadline by submitting the amendment in a sealed package prominently marked with the RFP title and number and the full legal name and return address of the proponent to the location set out above. Any amendment should clearly indicate which part of the proposal the amendment is intended to amend or replace.

1.5.5 Withdrawal of Proposals

At any time throughout the RFP process until the execution of a written agreement for the provision of the Deliverables, a proponent may withdraw a submitted proposal. To withdraw a proposal, a notice of withdrawal must be sent to the RFP Contact and must be signed by an authorized representative of the proponent. The Government is under no obligation to return withdrawn proposals.

[End of Part 1]

PART 2 – EVALUATION, NEGOTIATION AND AWARD

2.1 Stages of Evaluation and Negotiation

The Government will conduct the evaluation of proposals and negotiations in the following stages:

2.2 Stage I – Mandatory Submission Requirements

Stage I will consist of a review to determine which proposals comply with all of the mandatory submission requirements. If a proposal fails to satisfy all of the mandatory submission requirements, the Government will issue the proponent a rectification notice identifying the deficiencies and providing the proponent an opportunity to rectify the deficiencies. If the proponent fails to satisfy the mandatory submission requirements within the Rectification Period, its proposal will be rejected. The Rectification Period will begin to run from the date and time that the Government issues a rectification notice to the proponent. The mandatory submission requirements are set out in Section C of the RFP Particulars (Appendix D).

2.3 Stage II – Evaluation

Stage II will consist of the following two sub-stages:

2.3.1 Mandatory Technical Requirements

The Government will review the proposals to determine whether the mandatory technical requirements, as set out in Section D of the RFP Particulars (Appendix D), have been met. Questions or queries on the part of the Government as to whether a proposal has met the mandatory technical requirements will be subject to the verification and clarification process set out in Part 3.

2.3.2 Rated Criteria

The Government will evaluate each qualified proposal on the basis of the non-price rated criteria as set out in Section F of the RFP Particulars (Appendix D).

2.4 Stage III – Pricing

Stage III will consist of a scoring of the submitted pricing of each qualified proposal in accordance with the price evaluation method set out in Pricing (Appendix C). The evaluation of the price will be undertaken after the evaluation of mandatory requirements, and rated criteria has been completed.

2.5 Stage IV – Ranking and Contract Negotiations

2.5.1 Ranking of Proponents

After the completion of Stage III, all scores from Stage II and Stage III will be added together, and the proponents will be ranked based on their total scores. The top-ranked proponent will receive a written invitation to enter into direct contract negotiations to finalize the agreement with the Government. In the event of a tie, the selected proponent will be the proponent selected by way of the lowest price.

2.5.2 Contract Negotiation Process

Any negotiations will be subject to the process rules contained in the Terms and Conditions of the RFP Process (Part 3) and will not constitute a legally binding offer to enter into a contract on the part of the Government or the proponent and there will be no legally binding relationship created with any proponent prior to the execution of a written agreement. The terms and conditions found in the Form of Agreement (Appendix A) intended to provide the proponent advance notice of some of the key contractual provisions including indemnities, limitation of liabilities, service requirements, etc. that would be contained in the form of contract and are to form the basis for commencing negotiations between the Government and the selected proponent. Negotiations may include requests by the Government for supplementary information from the proponent to verify, clarify or supplement the information provided in its proposal or to confirm the conclusions reached in the evaluation, and may include requests by the Government for improved pricing or performance terms from the proponent.

2.5.3 Time Period for Negotiations

The Government intends to conclude negotiations and finalize the agreement with the top-ranked proponent during the Contract Negotiation Period, commencing from the date the Government invites the top-ranked proponent to enter negotiations. A proponent invited to enter into direct contract negotiations should therefore be prepared to satisfy the pre-conditions of award listed in Section E of the RFP Particulars (Appendix D), provide requested information in a timely fashion and conduct its negotiations expeditiously.

2.5.4 Failure to Enter into Agreement

If the pre-conditions of award listed in Section E of the RFP Particulars (Appendix D) are not satisfied or if the parties cannot conclude negotiations and finalize the agreement for the Deliverables within the Contract Negotiation Period, the Government may discontinue negotiations with the top-ranked proponent and may invite the next-best-ranked proponent to enter into negotiations. This process will continue until an agreement is finalized, until there are no more proponents remaining that are eligible for negotiations or until the Government elects to cancel the RFP process.

2.5.5 Notification of Negotiation Status

Other proponents that may become eligible for contract negotiations may be notified at the commencement of the negotiation process with the top-ranked proponent.

[End of Part 2]

PART 3 – TERMS AND CONDITIONS OF THE RFP PROCESS

3.1 General Information and Instructions

3.1.1 Proponents to Follow Instructions

Proponents should structure their proposals in accordance with the instructions in this RFP. Where information is requested in this RFP, any response made in a proposal should reference the applicable section numbers of this RFP.

3.1.2 Proposals in English

All proposals must be written in the English language only.

3.1.3 No Incorporation by Reference

The entire content of the proponent's proposal should be submitted in a fixed form, and the content of websites or other external documents referred to in the proponent's proposal but not attached will not be considered to form part of its proposal.

3.1.4 References and Past Performance

In the evaluation process, the Government may include information provided by the proponent's referees and may also consider the proponent's past performance or conduct on previous contracts with the Government or other institutions.

3.1.5 Information in RFP Only an Estimate

The Government and its advisers make no representation, warranty or guarantee as to the accuracy of the information or empirical data contained in this RFP or issued by way of addenda. Any quantities shown or data contained in this RFP or provided by way of addenda are estimates only, and are for the sole purpose of indicating to proponents the general scale and scope of the Deliverables. It is the proponent's responsibility to obtain all the information necessary to prepare a proposal in response to this RFP.

3.1.6 Proponents to Bear Their Own Costs

The proponent will bear all costs associated with or incurred in the preparation and presentation of its proposal, including, if applicable, costs incurred for interviews, travel or demonstrations.

3.1.7 Proposal to be Retained by the Government

The Government will not return the proposal or any accompanying documentation submitted by a proponent.

3.1.8 No Guarantee of Volume of Work or Exclusivity of Contract

The Government makes no guarantee of the value or volume of work to be assigned to the successful proponent. The agreement to be negotiated with the selected proponent will not be an exclusive contract for the provision of the described Deliverables. The Government may contract

with others for goods and services the same as or similar to the Deliverables or may obtain such goods and services internally.

3.1.9 Equivalency

When proprietary names, brands, catalogues or reference numbers are specified in the Deliverables, they are intended to set a minimum standard, and preference for any particular material or equipment is not intended. The proponent may offer material or equipment of similar characteristics, type, quality, appearance, finish, method of construction and performance and if doing so must disclose any difference in the characteristics, type, quality, appearance, finish, method of construction or performance of the material or equipment.

3.2 Communication after Issuance of RFP

3.2.1 Proponents to Review RFP

Proponents should promptly examine all of the documents comprising this RFP, and may direct questions or seek additional information in writing by email to the RFP Contact on or before the Deadline for Questions. No such communications are to be directed to anyone other than the RFP Contact. The Government is under no obligation to provide additional information, and the Government is not responsible for any information provided by or obtained from any source other than the RFP Contact. It is the responsibility of the proponent to seek clarification from the RFP Contact on any matter it considers to be unclear. The Government is not responsible for any misunderstanding on the part of the proponent concerning this RFP or its process.

3.2.2 All New Information to Proponents by Way of Addenda

This RFP may be amended only by addendum in accordance with this section. If the Government, for any reason, determines that it is necessary to provide additional information relating to this RFP, such information will be communicated to all proponents by addendum. All addenda will be published online at <https://www.gov.bm/procurement-notices>. Each addendum forms an integral part of this RFP and may contain important information, including significant changes to this RFP. Proponents are responsible for obtaining all addenda issued by the Government. In the Submission Form (Appendix B), proponents must confirm their receipt of all addenda by setting out the number of each addendum in the space provided.

3.2.3 Post-Deadline Addenda and Extension of Submission Deadline

If the Government determines that it is necessary to issue an addendum after the Deadline for Issuing Addenda, the Government may extend the Submission Deadline.

3.2.4 Verify, Clarify and Supplement

When evaluating proposals, the Government may request further information from the proponent or third parties in order to verify, clarify or supplement the information provided in the proponent's proposal. The information may include, without limitation, clarification with respect to whether a proposal meets the mandatory technical requirements set out in Section D of the RFP Particulars (Appendix D). The Government may revisit, re-evaluate and rescore the proponent's response or ranking on the basis of any such information.

3.3 Notification and Debriefing

3.3.1 Notification to Other Proponents

Once the Agreement is executed by the Government and a proponent, the other proponents may be notified directly in writing of the outcome of the procurement process.

3.3.2 Debriefing

Proponents may request a debriefing after receipt of a notification of the outcome of the procurement process. All requests must be in writing to the RFP Contact and must be made within sixty (60) days of such notification.

3.3.3 Procurement Protest Procedure

If a proponent wishes to challenge the RFP process, it should provide written notice to the RFP Contact in accordance with the Government's Complaints and Disputes procedures. The notice must provide a detailed explanation of the proponent's concern with the procurement process or its outcome.

3.4 Conflict of Interest and Prohibited Conduct

3.4.1 Conflict of Interest

For the purposes of this RFP, the term "Conflict of Interest" includes, but is not limited to, any situation or circumstance where:

- (a) in relation to the RFP process, the proponent has an unfair advantage or engages in conduct, directly or indirectly, that may give it an unfair advantage, including but not limited to (i) having, or having access to, confidential information of the Government in the preparation of its proposal that is not available to other proponents, (ii) communicating with any person with a view to influencing preferred treatment in the RFP process (including but not limited to the lobbying of decision makers involved in the RFP process), or (iii) engaging in conduct that compromises, or could be seen to compromise, the integrity of the open and competitive RFP process or render that process non-competitive or unfair; or
- (b) in relation to the performance of its contractual obligations under a contract for the Deliverables, the proponent's other commitments, relationships or financial interests (i) could, or could be seen to, exercise an improper influence over the objective, unbiased and impartial exercise of its independent judgement, or (ii) could, or could be seen to, compromise, impair or be incompatible with the effective performance of its contractual obligations.

3.4.2 Disqualification for Conflict of Interest

The Government may disqualify a proponent for any conduct, situation or circumstances, determined by the Government, in its sole and absolute discretion, to constitute a Conflict of Interest as defined above.

3.4.3 Disqualification for Prohibited Conduct

The Government may disqualify a proponent, rescind an invitation to negotiate or terminate a contract subsequently entered into if the Government determines that the proponent has engaged in any conduct prohibited by this RFP.

3.4.4 Prohibited Proponent Communications

Proponents must not engage in any communications that could constitute a Conflict of Interest and should take note of the Conflict of Interest declaration set out in the Submission Form (Appendix B).

3.4.5 Proponent Not to Communicate with Media

Proponents must not at any time directly or indirectly communicate with the media in relation to this RFP or any agreement entered into pursuant to this RFP without first obtaining the written permission of the RFP Contact.

3.4.6 No Lobbying

Proponents shall not in relation to this RFP or the evaluation and selection process, engage directly or indirectly in any form of political action or other activity whatsoever to influence or attempt to influence Parliament, the Government, or to influence or attempt to influence any legislative or regulatory action, in the selection or evaluation of any proponent.

3.4.7 Illegal or Unethical Conduct

The proponent represents, warrants, and covenants that, in connection with activities performed under this Agreement or on behalf of the Government, the proponent has not and will not offer, promise, authorise, pay, or act in furtherance of an offer, promise, authorization, or payment of anything of value, directly or indirectly, to a Government Official (as hereinafter defined), political party or party official, candidate for political office, or official of a public international organisation, in order to obtain or retain business, to secure an improper advantage or benefit of any kind or nature to person(s) related, associated or linked to the Government Official, or to secure or influence discretionary action, inaction or a decision of a Government Official(s). For purposes of this proposal, the term "Government Official" shall mean and include any official, public officer or employee of the Government, as well as an official or employee in the judicial, legislative, or military, anyone acting in an official capacity for the Government, or any immediate family member of such persons. The proponent represents, warrants, and covenants that it has complied and will comply with *The Bribery Act 2016* and all other applicable laws of any relevant jurisdiction in connection with the performance of this Agreement. Without limiting the generality of the foregoing, the proponent represents, warrants, and covenants that it has not and will not take any action that would cause the Government or anyone acting on their behalf to violate or be subjected to penalties under *The Bribery Act 2016*, or the applicable anti-corruption laws of other countries.

The proponent acknowledges and agrees that in the event that the Government believes, in good faith, that the proponent has breached this section, the Government shall have the right to immediately withdraw and terminate this opportunity and terminate any or all other agreements with the proponent.

3.4.8 Past Performance or Past Conduct

The Government may prohibit a supplier from participating in a procurement process based on past performance or based on inappropriate conduct in a prior procurement process, including but not limited to the following:

- (a) illegal or unethical conduct as described above;
- (b) the refusal of the supplier to honour its submitted pricing or other commitments; or
- (c) any conduct, situation or circumstance determined by the Government, in its sole and absolute discretion, to have constituted an undisclosed Conflict of Interest.

3.4.9 No Collusion

Proponents must not engage in any collusion and must sign the certificate as set out in the Certificate of Confirmation of Non-Collusion (Appendix E).

3.5 Confidential Information

3.5.1 Confidential Information of the Government

All information provided by or obtained from the Government in any form in connection with this RFP either before or after the issuance of this RFP

- (a) is the sole property of the Government and must be treated as confidential;
- (b) is not to be used for any purpose other than replying to this RFP and the performance of any subsequent contract for the Deliverables;
- (c) must not be disclosed without prior written authorization from the Government; and
- (d) must be returned by the proponent to the Government immediately upon the request of the Government.

3.5.2 Confidential Information of Proponent

- (a) A proponent should identify any information in its proposal or any accompanying documentation supplied in confidence for which confidentiality is to be maintained by the Government. The confidentiality of such information will be maintained by the Government, except as otherwise required by the Public Access to Information Act 2010 or by order of a court or tribunal.
- (b) Proponents are advised that their proposals will, as necessary, be disclosed, on a confidential basis, to advisers retained by the Government to advise or assist with the RFP process, including the evaluation of proposals. If a proponent has any questions about the collection and use of personal information pursuant to this RFP, questions are to be submitted to the RFP Contact.
- (c) The Proponent is responsible to ensure that they comply with the *Personal Information Protection Act 2016* ("PIPA"), related to any information in the proponent's custody, care or control.

3.6 Procurement Process Non-Binding

3.6.1 No Process Contract and No Claims

This RFP is a request for proposals only and participation in this RFP is not intended to create legal obligations between the Government and any of the proponents or their representatives. For greater certainty and without limitation:

- (a) Participation in this RFP will not give rise to any preliminary contract or collateral contract;
- (b) No proponent shall have any claim for any compensation of any kind whatsoever (whether in contract, tort, law, equity or otherwise), as a result of participating in this RFP, and by submitting a proposal each proponent shall be deemed to have agreed that it has no claim against the Government;
- (c) The decision to award or not to award a contract to any proponent is at the discretion of the Government. The Government shall have no liability to any proponent with respect to the awarding of a contract or the failure to award a contract to any proponent. Proponents acknowledge that the proponent that submits the proposal with the lowest price might not be awarded a contract.

3.6.2 No Contract until Execution of Written Agreement

This RFP process is intended to identify prospective suppliers for the purposes of negotiating potential agreements. No legal relationship or obligation regarding the procurement of any good or service will be created between the proponent and the Government by this RFP process until the successful negotiation and execution of a written agreement for the acquisition of such goods and/or services.

3.6.3 Non-Binding Price Estimates

While the pricing information provided in proposals will be non-binding prior to the execution of a written agreement, such information will be assessed during the evaluation of the proposals and the ranking of the proponents. Any inaccurate, misleading or incomplete information, including withdrawn or altered pricing, could adversely impact any such evaluation or ranking or the decision of the Government to enter into an agreement for the Deliverables.

3.6.4 Cancellation

The Government may cancel or amend the RFP process without liability at any time. Cancellation may occur, for example, if:

- no qualitatively or financially worthwhile offer has been received or there has been no valid response at all;
- the economic or technical parameters of the project have changed fundamentally;
- exceptional circumstances or force majeure render normal implementation of the project impossible;
- all offers exceed the financial resources available, or are otherwise inconsistent with the principles of economy, efficiency and effectiveness; or
- irregularities require cancellation in the interest of fairness.

The publication of a procurement notice does not commit the Government to implement the programme or project announced.

3.7 Governing Law and Interpretation

These Terms and Conditions of the RFP Process (Part 3):

- (a) are intended to be interpreted broadly and independently (with no particular provision intended to limit the scope of any other provision);
- (b) are non-exhaustive and will not be construed as intending to limit the pre-existing rights of the parties to engage in pre-contractual discussions in accordance with the common law governing direct commercial negotiations; and
- (c) are to be governed by and construed in accordance with the laws of Bermuda applicable therein.

[End of Part 3]

APPENDIX A - FORM OF AGREEMENT

The terms and conditions found in the Form of Agreement (Appendix A) are intended to provide advance notice of some of the key contractual provisions of the Agreement, including indemnities, limitation of liabilities, service requirements, etc. that form the basis for commencing Agreement between the Government and the selected proponent.

See Annex A - Form of Agreement

APPENDIX B – SUBMISSION FORM

1. Proponent Information

<p>Please fill out the following form, naming one person to be the proponent’s contact for the RFP process and for any clarifications or communication that might be necessary.</p> <p>If the company is incorporated and registered, then a Certificate of Incorporation and a Certificate of Incumbency is required and must be submitted with the Submission Form.</p> <p><u>Declaration of Interest:</u> The proponent shall provide details of its ownership and/or managerial structure upon request from the Government. The proponent shall also provide a statement of whether or not it has any relevant and material interest relevant to the provision of the Goods and Services. Such statement shall be provided at least annually or if there is any change in the interest of the proponent.</p>	
Full Legal Name of Proponent or Personal/Given Name:	
Representative Name (Person with Signing Authority) / Title:	
Any Other Relevant Name under which Proponent Carries on Business:	
Street Address:	
City, Province/State:	
Country:	
Postal Code:	
Phone Number:	
Proponent’s Social Insurance Number issued by the Government of Bermuda:	
Proponent’s Tax Payroll Number issued by the Government of Bermuda:	
Proponent’s Registration Number issued by the Bermuda Registrar of Companies (if incorporated):	
Company Website (if any):	
Proponent Contact Name and Title:	
Proponent Contact Phone:	
Proponent Contact Fax:	
Proponent Contact Email:	

2. Acknowledgment of Non-Binding Procurement Process

The proponent acknowledges that the RFP process will be governed by the terms and conditions of the RFP, and that, among other things, such terms and conditions confirm that this procurement process does not constitute a formal, legally binding bidding process (and for greater certainty, does not give rise to a Process Contract bidding process), and that no legal relationship or obligation regarding the procurement of any good or service will be created between the Government and the proponent unless and until the Government and the proponent execute a written agreement for the Deliverables.

3. Ability to Provide Deliverables

The proponent has carefully examined the RFP documents and has a clear and comprehensive knowledge of the Deliverables required. The proponent represents and warrants its ability to provide the Deliverables in accordance with the requirements of the RFP for the rates set out in its proposal.

4. Non-Binding Pricing

The proponent has submitted its pricing in accordance with the instructions in the RFP and in Pricing (Appendix C) in particular. The proponent confirms that the pricing information provided is accurate. The proponent acknowledges that any inaccurate, misleading or incomplete information, including withdrawn or altered pricing, could adversely impact the acceptance of its proposal or its eligibility for future work.

5. Addenda

The proponent is requested to confirm that it has received all addenda by listing the addenda numbers, _____ to _____ (if applicable) issued by the Government, or if no addenda were issued by the Government write the word "None". The onus is on proponents to make any necessary amendments to their proposals based on the addenda. The proponent confirms it has read, received and complied with these addenda. Proponents who fail to complete this section will be deemed to have received all posted addenda.

6. No Prohibited Conduct

The proponent declares that it has not engaged in any conduct prohibited by this RFP.

7. Conflict of Interest

Proponents must declare all potential Conflicts of Interest, as defined in section 3.4.1 of the RFP. This includes disclosing the names and all pertinent details of all individuals (employees, advisers, or individuals acting in any other capacity) who (a) participated in the preparation of the proposal; **AND** (b) were employees of the Government within twelve (12) months prior to the Submission Deadline.

If the box below is left blank, the proponent will be deemed to declare that (a) there was no Conflict of Interest in preparing its proposal; and (b) there is no foreseeable Conflict of Interest in performing the contractual obligations contemplated in the RFP.

Otherwise, if the statement below applies, check the box.

- The proponent declares that there is an actual or potential Conflict of Interest relating to the preparation of its proposal, and/or the proponent foresees an actual or potential Conflict of Interest in performing the contractual obligations contemplated in the RFP.

If the proponent declares an actual or potential Conflict of Interest by marking the box above, the proponent must set out below details of the actual or potential Conflict of Interest:

8. Disclosure of Information

Any information collected or used by or on behalf of the Government under this solicitation document is subject to the Public Access to Information Act 2010 ("Act"). The information belongs to a class of information that might be made available to the general public unless it is contained in a record that is exempt from disclosure under the Act. Any questions regarding the collection, use, or disclosure of the information should be directed to the public authority that issued this solicitation document.

Signature of Witness

Signature of Proponent Representative

Name of Witness

Name of Proponent Representative

Title of Proponent Representative

Date

I have the authority to bind the proponent.

End of Appendix B

SAMPLE CERTIFICATE OF INCUMBENCY

The undersigned being the Secretary of the company as named below (the "Company"), a company duly organised and existing under the laws of the Islands of Bermuda and having its registered office as set out below **DO HEREBY CERTIFY** that the following is a true and correct listing of the Directors and Officers of the Company in full force and effect as of the date hereof.

DIRECTORS _____

List

ALTERNATE DIRECTORS

List

OFFICERS

List

IN WITNESS WHEREOF I have hereunto set my signature in accordance with the Bye-Laws of the Company.

Company Name:

Date:

Secretary/Director

APPENDIX C – PRICING

1. Instructions on How to Provide Pricing

- (a) Proponents should provide the information requested under section 3 below (“Required Pricing Information”) by reproducing and completing the table below in their proposals, or, if there is no table below, by completing the attached form and including it in their proposals.
- (b) Pricing must be provided in Bermuda funds, inclusive of all applicable duties and taxes, which should be itemized separately.
- (c) Pricing quoted by the proponent must be all-inclusive and must include all labour and material costs, all travel and carriage costs, all insurance costs, all costs of delivery, all costs of installation and set-up, including any pre-delivery inspection charges, and all other overhead, including any fees or other charges required by law.

2. Evaluation of Pricing

Pricing is worth 40 points of the total score.

Pricing will be scored based the formula below. Each respondent will receive points of the total possible points allocated to price for the particular category it has bid on, which will be calculated in accordance with the following formula.

2.1 Price (include all cost) (non-construction – goods and services): 5 = lowest bid, 4 = next lowest, etc. until 0 = most expensive

2.2 The respondent is in a stable financial position

Following financial checks, i.e. checking a bank reference, the following scores should be awarded.

5 = all financial checks sound, 3 = minor financial concerns, 1 = major financial concerns, 0 = no evidence provided / evidence of severe financial instability.

2.3 The respondent has no outstanding Government debt

Following financial checks with Social Insurance, the Accountant General's Department's Debt Collection Section, the Bermuda Health Council and the Tax Commissioner, the following scores should be awarded:

5 = all financial checks sound, 3 = minor financial concerns, 1 = major financial concerns, 0 = no evidence provided / evidence of severe financial instability.

In addition to any rectification processes, or rights to verify, clarify and supplement,

- (a) The Government will examine the responses to determine whether they are complete, whether any computational errors have been made, whether the documents have been properly signed, and whether the bids are generally in order.
- (b) Arithmetical errors will be rectified on the following basis:

- (i) Where there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If the Proponent does not accept the correction of errors, its Bid will be rejected. If there is a discrepancy between words and figures the amount in words will prevail;
- (ii) Where there is a discrepancy between the amounts in figures and in words, the amounts in words will govern; and
- (iii) Where there is a discrepancy between the individual lump sums and the total amounts derived for the sum of the individual lump sum, the individual lump sum as quoted will govern, and the total amount will be corrected.

3. Required Pricing Information

See Annex B - Pricing Form

APPENDIX D – RFP PARTICULARS

A. THE DELIVERABLES

1. Design & build a hybrid CCTV (fiber and or wireless backhaul)

The Government is requesting proposals from qualified firms interested in providing Outdoor IP Security Cameras, Camera Mounting Hardware, a Network Video Recording (NVR) System, NVR Software, Video Management System, new video wall, Support, Maintenance, Warranty, Cabling and Training.

The IP Surveillance System Solution should be capable of handling at least Six - Seven Hundred (600-700) cameras and should have the capability of adding cameras and other equipment as required by the Government. The ability for the solution to accept private input from contributing public and private event locations, business premises (Banks, gas-stations, variety stores) and residences with public facing cameras, is a required part of the new CCTV. The ability to deploy, stream, and record mobile/portable CCTV camera at a location not covered by existing cameras either for Intelligence purposes, public event sites or to address a new and emerging incident, is a necessary component of the new CCTV system.

In addition, the minimum requirement is Two Hundred and Sixty-five (265) cameras. The following camera systems are required: License Plate Recognition, Facial Recognition, Pan Tilt Zone cameras, Varifocal cameras, Stop Light cameras, at least Twenty (20) Speed cameras (Immobile), and up to Five (5) Speed cameras (Portable).

Outdoor Cameras: The Government requires that the Proponent make a recommendation of the camera manufacturer brands required for the CCTV system network solution. All outdoor cameras should be rated for continuous, unsheltered outdoor use, vandal proof and anti-vibration compliant.

The Proponent must provide all manuals and training that may be required.

The Proponent must also provide a detailed activities, staff type, frequency and estimated hours for support and maintenance of the new CCTV solution. Cameras must carry a minimum of one-year warranty under which hardware maintenance will be provided as part of the initial CCTV system's cost. At minimum, the successful vendor should be able to provide CCTV system support during normal business hours with an emergency service plan for evenings, weekends and holidays. The support system should be able to accept maintenance and support services via phone, or electronic mail.

Security standards which conform to the Government's cyber-attack prevention requirements including; Advanced role management for close monitoring of access rights; End-to-end Bi-directional encrypted video data and PIPA 2016 compliance for third-party private information.

2. Support PTZ cameras, Varifocal cameras, Facial & License Plate Recognition ("LPR") cameras

The cameras required for the CCTV solution should be capable of the following:

- Full High Definition ("FHD")
- Provide identification level video @ 15-80 metres, min - max effective distance

- IP66 Rating to protect against dust and environmental elements
- IK10 rating for vandal resistant housing
- Infrared Illumination for night visibility
- Defocus Detection
- View DR (120dB) for areas that have lighting differences
- Capability to produce 30 FPS or more
- Image stabilizing to reduce blurring
- Day/Night capability
- Pan, Tilt, Zoom (PTZ) capability - 30X, (5 plus 8MP)
- Varifocal lens capability - (6-22MM, 5-55MM, 20-50MM (5-8MP)
- RJ45 Connectivity
- Power Over Ethernet (POE)
- A minimum of 5-megapixel resolution
- 5 minimum 41-61 megapixel resolution cameras
- 3 multi-sensor
- Must have tamper detection
- Must have motion detection
- Capability to record audio (i.e. voice, etc.)
- SD Card Slot
- Ability to deploy Facial Recognition Technology
- Ability to deploy License Plate Recognition Technology/ Automated Number Plate Recognition

The recommended specifications of the License Plate and Facial recognition System are as follows:

- High accuracy and high speed recognition
- Four wheel and two wheel license plate standard capability
- Analytic and reporting capabilities
- Functions in all weather conditions, 24/7, with no downtime

a) ***License Plate Recognition***

- The CCTV solution software must run in a web environment and allow multiple simultaneous users, consulting information from a centralized administration console;
- Government must be able to have a quick one click search, for four wheel and two wheel license plate information;
- Must be able to handle different search lists for four wheel and two wheel license plates with an alert request that will be registered. Said lists should be able to be added manually or automatically in different formats, as it can be in a comma separated file (CSV);
- Must offer cross-searches where for four wheel and two wheel license plates may be corroborated, that have been captured in two or more locations at different dates and/or times;
- Must offer caravan searches to find four wheel and two wheel license plates that have been captured with another vehicle in front or behind within certain seconds;
- All search using the CCTV solution must be exportable to PDF, CSV, HTML and XML at least;
- Searches must be quick;
- Searches must display the following information:

- Colour photo of the vehicle
- Black and white photograph of the license plate
- Date and time of reading
- License plate reading to be displayed in plain text, for four wheel and two wheel vehicles;
- GPS status;
- Reader's name;
- Name of the camera;
- Type of alert if it is in a list;
- Single click inside the search, the detail of that reading should be displayed, including the full - colour and black-and-white image, the location on the map, the nearest text address, as well as the possibility of exporting to PDF All the information with a single click;
- It must have a user and group administration based on roles, being able to specify who has access to search, modify lists, export, view monitoring tools, configure the application, manage devices, view audit messages and user configuration;
- The CCTV solution must store a record of all the movements made in the application in order to have a log for any audit;
- The CCTV solution must perform the data debugging to have a storage of 365 days of readings. After this time the records should be deleted;
- The CCTV solution must have an analytical and statistical tool displaying the number of readings that the system has, the readings per minute that are entering at a certain moment, the count of readings of the day compared to the previous day, the breakdown of readings per unit, the breakdown of alarms by each reader, the GPS status of the units, as well as the possibility of making comparisons of readings and alarms in different periods of time. All this information must be exportable to PDF;
- Dashboard should gather and display all the alarms that are arriving at the system in real time, including the location of the alert, the name of the unit, as well as the relevant information of the four wheel and two wheel license plates; and
- 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).

b) **Facial Recognition**

- Image format JPG, JP2000, BMP, PNG, GIF
- Image size 320x240 or higher
- Face size 64x64 pixel
- Face pose 20degree
- Illumination 300lux
- Template size 10KB
- Enrollment time 600ms
- Verification time 120ms
- Input Smartphones, Tablets
- Video stream (MP4, AVI, MTS, MPG) Network Camera
- Number of Enrolments Unlimited
- Matching Method 1:1, 1:N, N:1, N:N
- Alarm mode Voice, Pop-up, Email, SMS alarms
- Enrolment Single & Batch enrolment
- Matching from Name
- Search Text, Image, Category
- Other Duplicated record check Watchlist

- Supported Browsers Chrome, Firefox, IE, Opera, Safari
- Easy view of Matching Results
- All matched persons display
- Searching from Image and text
- Easy Verification confirmation
- DB search by ID, Name/Birthday/Country
- Simplified User Interface
- Unlimited numbers of client access to server
- Support web client access
- Search from User area

3. Migration plan for the replacement of end of life devices related to the CCTV solution, the upgrade of the existing Video Management System & upgrade of the Storage Platform for the CCTV system

a) ***Roadmap***

Proponents must provide a technical roadmap for the proposed solution, including how the proposed solution fits into the Proponent's current product lifecycle.

Proponents must also provide a list of policies on firmware updates for the proposed solution, including the frequency of change releases, how customers are notified of that change and how those changes are applied.

Proponents must also:

- Describe its training methodology for both technical support staff and systems operators;
- Describe its implementation process and approach for new installation and method of procedures for migration;
- Describe its project management methodology including a sample plan of the implementation schedule including timelines;
- Describe its system and network architecture of the proposed IP Surveillance System. This should include but not be limited to:
 - Application and Database Structure;
 - Integration points between system applications;
 - Service and storage platform technologies; and
 - Conceptual diagram indicating design consideration for High Availability and Fault Tolerance.

b) ***Engagement Methodology***

The Government is looking for a turn-key solution. The Proponent will be responsible for any camera hardware, any wireless installation, any cable runs, as well as installation of networking equipment. The Proponent will also be responsible for coordinating with the Government's Network Administrator in configuring the networking equipment to work with the Government's existing LAN & WAN.

4. Built-in redundancy at all levels including but not limited to cameras, network, servers, storage & application

a) **Server Architecture & Storage Solution**

CCTV system Architecture: The server and storage solution shall consist of:

- Servers: Resilient manufacturer
- Operators Workstations: Resilient manufacturer

b) **Basic Server Configuration**

The CCTV network server shall scale from one to four physical servers, or equivalent quad-blade server.

Each CCTV network blade shall:

- Be hot-swappable;
- Be running independently without interfering with other blades;
- Dual CPU option;
- RAID-1 SSD OS drives;
- Multiple Gigabit Ethernet ports to optimize camera traffic, viewing, and external storage traffic;
- ECC protected memory;
- Hot-swappable drives;
- Dual power supply option; and
- Microsoft Windows 2016 64bit.

The storage solution for the CCTV system shall:

- Ensure no frame drop received from the network with the specified data rate (up to 2Gbps);
- Verify there is no frame dropped over the 24 hours site conditions;
- Provide the management widget to confirm no frame drop with the specified data rate;
- Support scaling of server and storage independently to optimize the cost/performance ratio for video surveillance;
- Add servers based on video management software (VMS) processing and graphics requirements;
- Independently add storage capacity for write-intensive, large block, multi-camera recording;
- Be optimized based on specific VMS;
- Reduce complexity for smaller installations. Specifically, provide a simple server -to-storage direct connect configuration without a switch (via single Gigabit Ethernet).
- Be able to expand easily with the expansion chassis (JBOD);
- Be able to scale to 128 servers and 108 drives. In addition, each storage shall be able to connect to 128 servers through Ethernet switch (es);
- Support “full redundant” option;
- All VMS/servers shall have access to storage to allow VMS/server fail-over;
- Regardless of the number of servers and the number of Gigabit Ethernet ports, each storage system shall be accessible via single IP address for full redundancy;
- Pinpoint the potential dropping of video frames with “busy” information;

Ensure the following features to achieve the vision of “zero failure” by providing:

- Intelligent drive “self-healing” technologies such as drive power cycle and sector remapping to reduce the frequency of drive replacement;
- Advanced and proactive remote alerts and diagnostics;
- iSCSI standard;
- RAID1, RAID5 and RAID6 for data protection;
- Both pro-active and re-active online drive replacement;
- With pro-active drive replacement, the storage system shall not lose entire RAID due to additional drive failure during the replacement process, regardless of the capacity of the drive. With re - active drive replacement, Storage system shall have the ability to prioritize RAID rebuilding versus data access to ensure the performance.

c) **CCTV System Storage Availability**

- Full-redundant options (dual controllers, multiple GE ports, dual power supplies/fans);
- Hot swappable drives without data access interruption;
- Hot swappable power supply/fan without data access interruption;
- Hot swappable controller without data access interruption;
- Hot add/remove expansion chassis (JBOD) without data access interruption;
- Certified VMS/server fail-over;
- Redundant GE ports fail-over and automatic GE load balancing; and
- Background data integrity check.

d) **CCTV Storage Scalability**

- The CCTV storage system shall support:
- Single volume up to 256TB;
- Up to 864TB and up to eight expansion chassis (JBOD);
- Storage capacity added shall be configurable into new volumes or added to existing volumes without the need to interrupt data access;
- Advanced technologies to scale the number of concurrent video recording, and to reduce file system fragmentation;
- Scaling of performance with addition of each expansion chassis;
- Up to 2 Active/Active controllers;
- Up to 108 parallel drive access per Storage system;
- A minimum throughput of 5 Gigabits per second per controller; and
- Bandwidth addition and I/O processing to be configured scaling to 50 Gigabits per second throughput.

e) **CCTV Storage Management**

The CCTV storage system shall provide a graphic user interface (GUI) for ease of use. It shall:

- Support web-based browsers and a configuration wizard;
- Display active sessions and their real-time performance;
- Display active sessions and their performance in the past 24 hours;
- Be able to set performance thresholds and send out alarms for the events happened in past 24 hours
- Dynamic provisioning of volumes;
- RAID and dynamic increase of volume size without interruption of data access;

- Advanced maintenance and manageability features;
- System event logging;
- Detection and display of all physical failures graphically for drive/power supply/controller/cable/fan/temp/voltage/battery;
- Display of real-time system information like CPU/cache/I/O completion latency/I/O address;
- Warning of potential video frame drops with “busy” information;
- Background failure checking of disk drives;
- CMS (central management system) for multiple Storage systems management;
- Multi-level administrator/user security login;
- Command Line Interface;
- SNMP management support;
- Automatic alerts, which include
 - Alerts on GUI
 - Four email addresses to send system alerts
 - Alerts on failures of drives, fans, power supplies, controller, temperature, voltage, Ethernet ports, SAS ports.

These are the minimum specifications for the CCTV Storage solution. The Proponent is invited to make a recommendation for the CCTV Storage solution specifications, based on their design.

f) ***Wireless Technology***

Wireless Technology should meet the following specifications, at minimum:

- Bi-directional Beam Forming antennas
- 750Mbps aggregate bandwidth
- Each Base Station supports (64) Subscribers Unit
- Built in SLA (Service Level Assurance) software - can monitor & report
- Smart bandwidth allocation
- Multiband/Multiple Frequency's supported (4.9 - 5.8GHz)
- Mobile App for antenna alignment
- Built in GPS
- ETH RJ-45 (PoE) to ODU interface connections
- Configurable channel bandwidths 10 - 80MHz
- ODU size & Weight cannot exceed 36 x 23 x 9.5 cm & 3.4kg/7.3lbs
- Power usage under 30 watts
- Temp range down to -35F and up to 140F
- Humidity 100% condensing and completely immiscible to 1 meter

These are the minimum Wireless Technology specifications. The Proponent is invited to make a recommendation for the Wireless Technology specifications, based on their design.

5. **Design & implement a UPS to supply and maintain VMS Infrastructure**

a) ***Video Management for the CCTV System***

The proposed CCTV solution should describe the administration/management interface that will be used. The Government requires that the Proponent make a recommendation of the Video Management System manufacturer brand to be used.

Preference will be given to bids that demonstrate systems that are easy to use, that have the option to integrate with Active Directory, have an HTML client, have the ability to record on alarm, supports video aging, and have the option to search by thumbnails. Additionally, the CCTV solution must be able to do the following:

- Be device-agnostic (edge devices) and allow third-party integration for scalability;
- Limitless multi-server and multi-site solution (support an unlimited number of users, cameras, servers and sites);
- Centralized management - management server shall enable full remote system configuration of all recording servers, failover servers, devices, rules, schedules and user rights;
- Hardware accelerated Video Motion Detection;
- Support High availability – operates in two failover modes; cold stand-by and hot stand-by;
- Support Federated Architecture - hierarchical architecture for infinite scalability and central management;
- Alarm Manager – a single-point alarm function that supports a consolidated and clear overview of security and system-related alarms;
- Support multi-factor authentication;
- Metadata support - shall support reception, storage and export of metadata, including metadata from camera-resided video analytics;
- Support evidence lock and video grooming;
- Support Evidence Management/Evidence Discovery feature;
- Edge Storage - flexible video retrieval based on time schedules, events or manual requests, including the ability to combine centrally and remotely stored video using Scalable Video Quality Recording;
- Capacity to secure multi-stage storage - with the option to encrypt and digitally sign stored video and audio;
- Smart maps & Intuitive map function - Multi-layered and interactive maps with seamless geo- navigation that support standard map services;
- Audit logs - extensive logging of all user system accesses, configuration changes and operator actions;
- Flexible user and rights management - strict privileges of users' access to functions and camera actions, and support single sign-on Microsoft Active Directory accounts;
- Versatile rule system - automation of different aspects of the system, including camera control, systems behavior and external devices, based on events or time schedules ;
- System Monitor - real-time system monitoring dashboard and report function;
- Shall enable seamless integration of video analytics algorithms and other third -party applications including but not limited to: a) facial recognition, license plate recognition; mobile app;
- The CCTV solution configuration API shall enable external applications to make changes to the current CCTV system's configuration;
- CCTV system can enable full video interoperability in multivend or installations using a standardized format;
- ONVIF compliant video-out interface; and

- The CCTV solution shall facilitate simultaneous digital multi-channel MJPEG, MPEG4, MPEG-4 ASP, MxPEG, H.264 and H.265 video recording of IP cameras and IP video encoders without any software limitations on number of cameras per server; and
- Support viewing of live and recorded video through secure browser; laptop, smart phone/tablet for field use.

b) **Video Analytics**

The Government requires that the proposed CCTV solution have basic video analytics capabilities to help with the management of this amount of raw video data. It is understood that the video analytics features can reside in multiple locations on this type of network including: in camera, edge attached devices, server attached devices, or in the VMS or other software. It is up to the Proponent to determine the best method for Video Analytics capabilities based on the proposed system. The Proponent shall indicate through narrative why this method was chosen and the benefits over other models.

The Government has identified a number of Video Analytic capabilities that will be useful in the management and operation of this network including the ability to be device-agnostic and allow for third-party integration across the CCTV network. The VA package must also be capable of review and search of any captured video feed.

These features are listed below using common industry terms. The Proponent shall indicate which of these capabilities their solution supports, which are included as part of the base package at no additional charge, and which can be added or integrated in the future at an additional cost:

- Loitering
- Crowd Gathering
- People Counting
- Vehicle Counting
- Wrong Way Travel
- Object Left Behind
- Object Removal Detection
- Subject/Object Tracking
- Intruder Tracking (Automated)
- License Plate Recognition (LPR)
- Facial Recognition
- Obstructed Lens
- Others included in base package to be identified by Suppliers

c) **Video Synopsis for the CCTV solution:**

The CCTV solution must integrate to a video synopsis that have the following modules, review, research and respond:

- Review module must comply with the following:
 1. Case Management
 2. Video Synopsis
 3. Multi-Camera Search
 4. License Plate Recognition
 5. Appearance Similarity

6. Face Mask Detection
7. Proximity Identification
8. Line Crossing
9. Visual Layers
10. Filter Tolerance
11. Density & Speed Control
12. Sort Control

- Research module must comply with the following:

1. Real -Time Alerts
 2. Smart Alerts
 3. Notifications
 4. Face Recognition
 5. License Plate Recognition
 6. Line Crossing
 7. People Counting
 8. Proximity Identification
 9. Face Mask Detection
 10. Watchlists & Rule Configuration
 11. One-Click Case Creation

- Respond module must comply with the following:

1. People Counting
2. Face Recognition
3. License Plate Recognition
4. Proximity Identification
5. Face Re-Identification
6. Face Mask Detection
7. Highly Customizable
8. Highly Customizable
9. Visual Layers

UPS must contain a five (5) year warranty on the UPS system & Batteries.

6. Provide and account for reliability, high availability & scalability for future growth

The Government requires 5-years' support, including onsite support with the option to continue annual support after the 2-year period has ended. The Proponent should provide a detailed description of standard and extended support, maintenance, and the average response time for a support request.

7. LED Video Wall

a) CCTV SYSTEM SCALABILITY:

- Unrestricted number of video wall configurations and monitors.
- Can be installed in any location the VMS is covering.

b) CCTV SYSTEM FUNCTIONALITY:

- Video wall functionality shall include:
- Video Wall Configuration: Definition of unrestricted number of video wall instances, including but not limited to:
- Size and position of individual monitors.
- Camera grid layout and display window content.
- Video Wall Control: Real-time control of video wall layout and content.
- Dynamic User Control:
- Control of video wall layout and show full viewing client display items including:
 - Views
 - Cameras
 - Hotspots
 - Carousels
 - Maps
 - Smart maps
 - Still images
 - Static or dynamic HTML pages
 - Alarms
 - User-provided texts
 - Bookmarked images
 - Bookmarked video clips
 - System monitor status display
 - Interactive and remote-controlled playback of recordings on the video wall
- Automated Control: Rule-based automatic event-driven control of video wall layout and content, such as:
 - Motion detection
 - I/O
 - Integrated third-party applications
 - Time profile
- Video analytics events
- View-Based Operator Collaboration: Full viewing client users have video wall layouts available as a view, to support operator collaboration.

c) ***Video Display Monitors***

Any number of commercial-quality video display monitors with the following characteristics:

- Any size and resolution of video display including full HD and 4K resolutions
- Any manufacturer

B. MATERIAL DISCLOSURES

N/A

C. MANDATORY SUBMISSION REQUIREMENTS

1. Submission Form (Appendix B)

Each proposal must include a Submission Form (Appendix B) completed and signed by an authorized representative of the proponent.

2. Pricing (Appendix C)

Each proposal must include pricing information that complies with the instructions contained in Pricing (Appendix C).

3. Certificate of Confirmation of Non-Collusion (Appendix E)

Each proposal must include a Certificate of Confirmation of Non-Collusion Form (Appendix E) completed and signed by an authorized representative of the Proponent.

4. Company Certificate of Incorporation

A signed copy of the Certificate of Incorporation must be included for proponents that are companies/corporations.

5. Other Mandatory Submission Requirements

Letter of Good Financial Standing

Proponents must provide a current letter of good financial standing from bank.

Technician certifications, experience and capabilities

The proposal must include the following

Technician name(s), certifications, job experience, and capabilities shall be given for each person to be assigned to this contract. Provisions must be given for substitute personnel.

List of Proposed SubContractors

Where the proponent proposes to use a named subcontractor (s) for the execution of any part of the Works, the proponent must provide the following information for each proposed subcontractor:

- name, head office address; place of incorporation/registration; year of incorporation/registration and contact details;
- brief description and the estimated value of the part of the Works, which is intended to be subcontracted;
- description of the capability and resources of the named subcontractor (s) to perform the proposed part of the Works including:
 - (a) experience and past performance on the execution of similar works;
 - (b) capabilities with respect to personnel, equipment, and construction; and
 - (c) financial position
- appropriate justification of the need for the use of the proposed subcontractor for the execution of the Works

Joint Venture Submission

Proposals submitted by a joint venture of two or more firms as partners shall comply with the following requirements and meet the requirements as listed in Section 5:

1. The proposal, and in the case of a successful proponent, the Form of Agreement shall be signed so as to be legally binding on all partners;
2. One of the partners shall be nominated as being in charge, and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the partners;
3. The partner in charge shall be authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the joint venture, and the entire execution of the contract including payment shall be done exclusively with the partner in charge;
4. All partners of the joint venture shall be liable, jointly and severally, for the execution of the Contract in accordance with the Contract terms and a relevant statement to this effect shall be included in the authorization mentioned under point 2 above as well as in the Submission Form and the Form of Agreement (in the case of a successful Proponent); and
5. A copy of the joint venture agreement entered into, by the joint venture partners, shall be submitted with the proposal.

Method Statement and Timetable for all Deliverables

The proponent must provide a detailed method statement with the applicable timetable for all deliverables.

Proposed Schedule of Work and Deadlines

The Proposal must include the availability of the Project Team to conduct work within the anticipated timeframes.

Health and Safety

All works must be carried out in strict accordance with the Bermuda Occupational Safety & Health Act, 1982 and Occupation Safety and Health Regulations of 2009.

Alcohol, Smoke and Drug-Free Policy: All Government buildings and work sites are designated as alcohol, smoke, and drug-free.

Statement of Specific response times

A statement of specific response times to various urgency levels of requests for service.

Police Vetting

Proponents must submit proof of police vetting.

D. MANDATORY TECHNICAL REQUIREMENTS

Experience in Public Sector Entity

Proponents must have twelve months or more experience within the past five years (as of the submission deadline) delivering in installation of a Closed Circuit Television System services for a public sector entity.

Warranty

Please provide the total cost of the 1 to 3 year warranty back to base manufacturer for CCTV equipment and software described in the deliverables.

E. PRE-CONDITIONS OF AWARD

1. Financial Checks

Prior to awarding a contract to the selected proponent, the contracting department will perform financial checks to confirm whether the proponent is delinquent in making payments to the Government for Social Insurance contributions, Payroll Tax or any other debt recorded by the Accountant General’s Debt Collection Section, and will perform a check with the Bermuda Registrar of Companies to confirm whether the proponent is a proper legal entity that is in good standing.

Proof of Insurance

The successful proponent shall furnish the Government with certificates showing the type, amount, class of operations covered, effective dates, and date of expiration of policies as may be expected. Such certificates shall also contain substantially the following statement: The insurance covered by this certificate will not be canceled or materially altered, except after thirty (30) calendar days written notice has been received by the Government. (Endorsements to the Policy that name the Government as an Additional insured and establishment of cancellation notice are required).

Certificates should be submitted within 10 calendar days after award of contract and before any work begins at the site.

F. RATED CRITERIA

The following sets out the categories, weightings and descriptions of the rated criteria of the RFP. Proponents who do not meet a minimum threshold score for a category will not proceed to the next stage of the evaluation process.

Proponents who are shortlisted may be invited to present oral presentations for the purpose of introducing key members of the project team and allowing the Government to fully understand the prospective Proponent’s ability to meet the evaluation criteria and deliverables. Oral presentations will not be scored separately. Instead, the Government may modify scores and resulting rankings based on the oral presentation of those prospective proponents.

#	Category	Weighting (%)	Threshold
1	Pricing	40	N/A
2	Experience and Capability	25	N/A
3	Local Benefit (Social, Economic and Environmental)	30	N/A
4	References	5	N/A
Total Points		100	

1. Pricing

See Appendix C - Pricing

2. Experience and Capability

Each proponent should provide the following in its proposal:

1. a brief description of the proponent;
2. a description of its knowledge, skills, and experience relevant to the Deliverables; and
3. the roles and responsibilities of the proponent and any of its agents, employees, and subcontractors who will be involved in providing the Deliverables, together with the identity of those who will be performing those roles and their relevant respective expertise.

The following questions will be considered when each proposal is evaluated: -

- Are sufficient people with the requisite skills assigned to the project?
- Does the project team understand the Government's needs?
- Does the proponent clearly demonstrate the ability to meet the Government's requirements?
- Does the proponent have the support capability required?
- Can the proponent lead, facilitate, and coordinate project planning and execution?
- Do the persons who will be working on the project have the necessary skills?
- Has the proponent performed well on previous Government Projects?
- Is the proponent able to complete the work within the required timeframe?
- Does the proponent offer evidence that they have sufficient, suitably experienced resources available to complete the work?
- Does the bidder have a good track record of ensuring the health, safety, and welfare at work for all their employees?
- Were the proponent's referees positive about their experience of working with the contractor/vendor/supplier, and would they use the Proponent again?

See Annex C - Relevant Project and References

3. Local Benefit (Social, Economic and Environmental)

The local benefit considerations will be given to each of the following factors when proposals are evaluated:

- Number of Bermudians employed by the bidder;
- If the bidder is a specified business?;
- Engagement of Bermudian employee (%) during the project;
- Use of specified businesses in the proponent's supply chain;
- Use of specified business as subcontractors (if applicable);
- Safety and health record of the proponent for the three immediately preceding years of reporting
- Environmental considerations and policy (each proponent to provide a copy)

See Annex D - Annex C - Local Benefit

4. References

Relevant Projects and References

Each proponent is requested to provide three (3) references from clients who have obtained goods or services similar to those requested in this RFP from the proponent in the last three (3) years.

The following questions will be considered when each proposal is evaluated: -

- Does the proponent have a previous relevant and positive experience in planning and completing projects of this type and scope?
- Does the proponent have prior experience in working with public sector organizations?

See Annex E - References

APPENDIX E – CERTIFICATE OF CONFIRMATION OF NON-COLLUSION

Notes for the proponents

The essence of Open Tendering is that the Government of Bermuda shall receive bona fide competitive proposals from suitably qualified persons or entities. In recognition of this principle, each person or entity that submits a proposal will be required, by way of the signature of a duly authorized representative of the company, to confirm that the proposal has been submitted without any form of collusion.

All proponents must complete and sign a Certificate of Confirmation of Non-Collusion. Any proposals submitted which do not include a signed copy of the Certificate will be wholly rejected and will not be included in the evaluation process.

If it is later found that the undertakings made below have been breached at any stage of the procurement process, then the proponent will be expelled from the process immediately. In the event that this is discovered after a contract award, legal action may be taken against the proponent and/or any party involved in the matter.

Any proponent that submits false information in response to this Request for Proposals (RFP), and any other person or entity involved in collusion, may be excluded from competing for future contracts tendered by the Government of Bermuda.

Confirmation of non-collusion

I/We certify that this is a bona fide proposal, intended to be competitive and that I/We have abided by the terms and conditions related to this proposal and that I/We have not fixed or adjusted the amount of the proposal or the rates and prices quoted by or under or in accordance with any agreement or arrangement with any other person.

I/We confirm that we have not received any information, other than that contained within the RFP pack, or supplementary information provided to all proponents.

I/We also certify that I/We have not done and undertake that I/We will not do at any time any of the following acts:

- (a) communicating to a person other than the RFP Contact the amount or approximate amount of my/our proposed proposal (other than in confidence in order to obtain quotations necessary for the preparation of the proposal for insurance);
- (b) entering into any agreement or arrangement with any other person that he shall refrain from competing or as to the amount of any proposal to be submitted; or
- (c) offering or agreeing to pay or give or paying any sum of money, inducement, gift /hospitality or valuable consideration directly or indirectly to any person in relation to this procurement.

By signing this document, I/we have read and agree to its terms and conditions.

(1) _____ Title _____ Date _____

(2) _____ Title _____ Date _____

for and on behalf of _____