

Request for Proposal

MPAO is accepting bids for **implementing a wireless network** at MPAO.

SECTION I

1. Submission Requirements

- a. The complete original proposal must be submitted in a sealed package and received in accordance with the instructions detailed in the cover letter. All proposals shall be marked **Wireless Network Implementation**. Proposer shall include all supporting documents with the proposal.
- b. **Proposal Format:** Proposal shall be submitted in the following format and include the following information.
 - i. Detailed description of hardware and software specifications.
 - ii. Detailed cost for each item and services.
 - iii. Contact names of current users with contact information.
- c. Proposers will be notified in writing of any change in the specifications contained in this RFP.
- d. No verbal or written information which is obtained other than through this RFP or its addenda shall be binding on MPAO. No employee of MPAO is authorized to interpret any portion of this RFP in addition to that contained in or amended to this written RFP document.
- e. **Right of Rejection and Clarification:** MPAO reserves the right to reject any and all proposals and to request clarification of information from any proposer. MPAO is not obliged to enter into a contract on the basis of any proposal submitted in response to this document.
- f. **Request for Additional Information:** Prior to the final selection, proposer may be required to submit additional information which the MPAO may deem necessary to further evaluate proposer's qualifications.
- g. MPAO will not reimburse proposers for any costs associated with the preparation and submittal of any proposal that are incurred.
- h. **Right of Negotiation:** MPAO reserves the right to negotiate with the selected proposer the exact terms and conditions of the contract.
- i. MPAO is under no obligation to award this project to the proposer offering the lowest fee proposal. Evaluation criteria included in this document shall

be used in the evaluating proposals.

- j. **Exceptions to the RFP:** Proposer may find instances where they must take exception with certain requirements or specifications of the RFP. All exceptions shall be clearly identified, and written explanations shall include the scope of the exceptions, the ramifications of the exceptions for the MPAO, and a description of the advantage to be gained or disadvantages to be incurred by the MPAO as a result of these exceptions.

 - k. **Rights to Submitted Material:** All proposals, responses, inquiries, or correspondence relating to or in reference to this RFP, and all reports, charts, and other documentation submitted by proposer shall become the property of the MPAO when received.

 - l. **Basis of Award:** Proposals will be evaluated according to the following criteria and weight at minimum:
 - i. Proposer's qualifications and experience, including support capabilities (10%)
 - ii. Functionality and features of the proposed solution (30%)
 - iii. Cost (50%)
 - iv. Support (10%)Proposals shall be evaluated by a Selection Committee.

 - m. **Contacts:** Proposers must submit proposals in accordance with the instructions contained in this RFP. All requested information must be submitted with the proposal at **15:00 hours on 31st October 2016**. Questions regarding this request for proposal should be directed to:

Technical questions should be addressed to:
Name: Mahmood Waheed
Email: mahmood.waheed@pension.gov.mv
Mobile: +9607903272

 - n. **Submittal of Qualifications:** Proposer should submit experience and qualifications as described below. Additional information may be submitted as appropriate to further describe vendor and provide product capabilities.
 - i. List of clients and contact names who are using proposed system.
 - ii. Number of support personnel.
- 1.16 **Contract:** The contract between MPAO and the contractor shall consist of
- 1.16.1 the Request for Proposal (RFP) and any amendments thereto.
 - 1.16.2 the proposal submitted by the contractor.

- 1.17 **Termination of Contract:** MPAO may cancel the contract at any time for breach of contractual obligations by providing the consultant with a written notice of such cancellation.

SECTION II

2. Technical Requirements

Vendor can select most suitable hardwares and softwares to facilitate the following requirements.

- a. 2.4 GHz 802.11b/g/n client access radio
- b. 5 GHz 802.11a/n/ac client access radio
- c. 4x4 multiple input, multiple output (MIMO) with four spatial streams
- d. SU-MIMO and MU-MIMO support
- e. DHCP and hostname fingerprinting
- f. Quiet operation for office environments
- g. Power over Ethernet
- h. Managed via the cloud
- i. Authentication using google account
- j. Ceiling or wall mountable access points
- k. Flexible guest access with device isolation
- l. Support site to site VPN
- m. WEP, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X
- n. Layer 7 application traffic identification and shaping
- o. Application level (Layer 7) traffic analysis and shaping
- p. 10 x GbE (2 WAN)
- q. Support two uplinks
- r. Support 3G/4G for failover
- s. WAN uplink selection based on traffic type

3. Services and deliverables

- a. Install and configure wireless network hardware and software
- b. Wireless network should provide minimum 20 Mbps for 100 clients at anytime.
- c. Configuring SSIDs, IP assignment, Radio Settings, and traffic shaping rules
- d. Roaming between access points
- e. 3 years license and support for all hardware and software
- f. Lifetime hardware warranty with advanced replacement.

Submission of Bid

Proposals must be delivered to the MPAO office located at Mookai Suites at **15:00 hours on 31st October 2016**, at that time all bids will be privately opened in the presence of all bidders.