



Republic of the Philippines  
DEPARTMENT OF THE INTERIOR AND LOCAL GOVERNMENT  
**BUREAU OF JAIL MANAGEMENT AND PENOLOGY**  
**NATIONAL HEADQUARTERS**  
144 Mindanao Avenue, Project 8, Quezon City  
Email Address: bac.bjmphnhq@gmail.com Website: [www.bjmph.gov.ph](http://www.bjmph.gov.ph)  
Trunkline: (+632) 927-6383; 927-5505



**PURCHASE ORDER**

**Bureau of Jail Management and Penology - National Headquarters**

**Entity Name**

| Supplier : Pronet Systems Integrated Network Solution, Inc.   |      | P.O. No. : 2021-12-034  |          |           |            |
|---|------|---|----------|-----------|------------|
| Address : 3rd Floor Hollywood Square Bldg., 33 West Avenue<br>Quezon City   |      | Date : December 6, 2021   |          |           |            |
| TIN : 005-199-272-000   |      | Mode of Procurement : 53.9. Nego - SVP  |          |           |            |
| Gentlemen:<br>Please furnish this Office the following articles subject to the terms and conditions contained herein: |      |   |          |           |            |
| Place of Delivery : BJMP-NHQ, 144 Mindanao Ave., Project 8, Quezon City   |      | Project Duration : 90 CD upon the receipt of PO   |          |           |            |
| Date of Delivery :  |      | Payment Term :  |          |           |            |
| Stock/<br>Property No.  | Unit | Description   | Quantity | Unit Cost | Amount     |
|   | Unit | <b>Supply and Delivery of Wireless Access Point</b>   | 10       | 36,779.00 | 367,790.00 |
|   |      | <b>FEATURES:</b>  |          |           |            |
|   |      | Must be compatible with BJMP existing AP controller   |          |           |            |
|   |      | Must have four (4) integrated dual-band down tilt omnidirectional antennas                      |          |           |            |
|   |      | Must be running at IEEE 802.11ax (Wi-Fi 6) standard   |          |           |            |
|   |      | 5 GHz radio must support four (4) spatial stream SU-MIMO for up to 4.5 Gbps wireless data rate  |          |           |            |
|   |      | 2.4 GHz radio must support two (2) spatial stream SU-MIMO for up to 575 Mbps wireless data rate |          |           |            |
|   |      | Must support the following standards-based technologies:  |          |           |            |
|   |      | Transmit beamforming (TxBF) for increased signal reliability and range                          |          |           |            |
|   |      | Cyclic Delay/Shift Diversity (CDD/CSD) for greater downlink performance                         |          |           |            |
|   |      | Passpoint Wi-Fi (Release 2) (Hotspot 2.0) for seamless cellular-to-Wi-Fi carryover for guests   |          |           |            |
|   |      | Low-Density Parity Check (LDPC) for high-efficiency error correction increasing throughput      |          |           |            |
|   |      | Dynamic Frequency Selection (DFS) for optimization of available RF spectrum                     |          |           |            |
|   |      | Indoor AP type, dual radio, 5 GHz 802.11ax 4x4 MIMO and 2.4 GHz 802.11ax 2x2 MIMO               |          |           |            |
|   |      | Must support up to 512 associated client devices per radio                                      |          |           |            |
|   |      | Must support up to 16 BSSIDs per radio  |          |           |            |
|   |      | Must support the following features:  |          |           |            |
|   |      | OFDMA radio technology  |          |           |            |



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| Stock/<br>Property No. | Unit | Description  | Quantity | Unit Cost | Amount |
|------------------------|------|--|----------|-----------|--------|
|                        |      | Bi-directional MU-MIMO technology  |          |           |        |
|                        |      | Wi-Fi 6 and MU-MIMO aware client optimization  |          |           |        |
|                        |      | Advanced Cellular Coexistence (ACC)  |          |           |        |
|                        |      | Green AP energy efficiency   |          |           |        |
|                        |      | Transmit power must be configurable in increments of 0.5 dBm   |          |           |        |
|                        |      | Must have at least one (1) auto-sensing SmartRate port (RJ-45, maximum negotiated speed 2.5 Gbps) and 10/100/1000BASE-T Ethernet network interface (RJ-45) |          |           |        |
|                        |      | Must support BLE 5.0 and Zigbee radio  |          |           |        |
|                        |      | Must support Link aggregation (LACP) for redundant and increased capacity  |          |           |        |
|                        |      | Must have Kensington security slot and serial console interface  |          |           |        |
|                        |      | POE powered (802.3af, 802.3bt or 802.3at)  |          |           |        |
|                        |      | Must be UL2043 plenum rated for use in air-handling spaces   |          |           |        |
|                        |      | ETS 300 019 class 3.2 environments compliant   |          |           |        |
|                        |      | Must be a unified campus access point (controller-based or controllerless)   |          |           |        |
|                        |      | Must include Mount bracket kit type D solid surface  |          |           |        |
|                        |      | PD-9001GR-AC 30W 802.3at PoE+ 10/100/1000 Ethernet Indoor Rated Midspan Injector   |          |           |        |
|                        |      | North American AC power cord   |          |           |        |
|                        |      | <b>CERTIFICATION COMPLIANCE:</b>   |          |           |        |
|                        |      | <b>OTHER REQUIREMENTS:</b>   |          |           |        |
|                        |      | Must have at least three (3) regulatory and safety compliance certifications   |          |           |        |
|                        |      | Bidder must provide Manufacturer's Certificate or Manufacturer's   |          |           |        |
|                        |      | Bidders must issue certificate of undertaking to deliver Branded/Brand New units and all major and external components are of the same brand               |          |           |        |
|                        |      | Bidder must submit itemized cost of the requirements for purpose asset valuation recording   |          |           |        |
|                        |      | Manufacturer shall provide a central toll-free hotline number and email address for their technical support  |          |           |        |


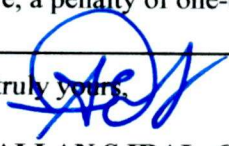




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|---|------|--|-------------------------------|-----------|------------|
|   |      | Bidders shall offer current brand/models and not in "end of Life" as reflected in the current product line found in the manufacturer's official website / brochure.  |                               |           |            |
|   |      | Bidders shall offer brand/models that have product parts available and serviceable for at least five (5) years after delivery and acceptance.  |                               |           |            |
|   |      | Manufacturer shall have on-site support service, and not carry-in to service centers, will be provided by Manufacturer for not more than three (3) days after final remote diagnosis for delivered items within Metro Manila |                               |           |            |
|   |      | Prospected bidder must be a Certified Distributor or Authorized Partner and have authority to sell, deploy, manage and provide support services issued by the product owner/manufacturer.                                    |                               |           |            |
|   |      | The Bidder must have at least Two (2) Certified Engineer or Professional for Wireless with Valid Certification from Manufacturer or the brand being offered.   |                               |           |            |
|   |      | The brand offered must be in the Philippine Market for at least 10 years.  |                               |           |            |
|   |      | Bidders must at least 2 service satisfaction certificates from BJMP (if applicable) or from other government agencies for the past 5 years of the Brand being offered.   |                               |           |            |
| (Total Amount in Words) Three Hundred Sixty-Seven Thousand Seven Hundred Ninety Pesos   |      |  |                               |           | 367,790.00 |
| In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s. |      |  |                               |           |            |
| Conforme:   |      | Very truly yours,  |                               |           |            |
|    |      |    |                               |           |            |
| RACHELE ANN CAPISTRANO  |      | ALLAN S. IRAL, CESE  |                               |           |            |
| Signature over Printed Name of Supplier   |      | Jail Director  |                               |           |            |
| December 20, 2021   |      | Chief, BJMP  |                               |           |            |
| Date  |      | (Authorized Official)  |                               |           |            |
| Fund Cluster : _____  |      |  | ORS/BURS No. : 2021-12-2419   |           |            |
| Funds Available : _____   |      |  | Date of the ORS/BURS: 12/7/21 |           |            |
| ROMELYN L. MEDINA, CPA  |      |  | P 367,790.-                   |           |            |
| OIC, Accounting Service Office  |      |  |                               |           |            |
| Signature over Printed Name of Chief Accountant/Head of Accounting Division/Unit  |      |  |                               |           |            |