

Bid Document

| Bid Details | |
|--|--|
| Bid End Date/Time | 20-07-2020 18:00:00 |
| Bid Opening Date/Time | 20-07-2020 18:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 60 (Days) |
| Ministry/State Name | Ministry Of Electronics And Information Technology |
| Department Name | Na |
| Organisation Name | Centre For Development Of Advanced Computing (c-dac) |
| Office Name | West |
| Total Quantity | 70 |
| Item Category | Wireless Access Point |
| MSE Exemption for Years of Experience and Turnover | No |
| Startup Exemption for Years of Experience and Turnover | No |
| Bid to RA enabled | No |
| Inspection Required | No |
| Estimated Bid Value | 5342400 |

EMD Detail

| | |
|----------|----|
| Required | No |
|----------|----|

ePBG Detail

| | |
|----------|----|
| Required | No |
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Splitting

Bid splitting not applied.

Wireless Access Point (70 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

| Specification | Specification Name | Values | Bid Requirement (Allowed Values) |
|---------------|---|---|----------------------------------|
| Specification | Type of Access Point | Controller Based | Controller Based |
| | Deployment | Indoor | Indoor |
| | Mounting | Ceiling | * |
| | Antenna Type | Internal | * |
| | Number Of Radios | Dual | * |
| | Frequency Band | 2.4 GHz,5.0 GHz,2.4 GHz & 5.0 GHz | * |
| | Supported Wi-fi Standards | 802.11a,802.11b/g,802.11 b/g/n,802.11ac,802.11 a/b/g/n/ac,802.11ac Wave 1,802.11ac Wave 2 | * |
| | Wireless Speed Up to (Mbps) | Support Renewal of Arista C130 Up to 800 Mbps for 2.4 GHz & Up to 1.733 Gbps for 5 GHz | Any applicable text(s) |
| | Max Wireless Signal Range in Mts | 50 | Any applicable text(s) |
| | Channel Width (MHz) | 160 | * |
| | Maximum Data Rate MBps | 1733 | * |
| | Supported Encryption | WEP,WPA-PSK,WPA2 AE S,802.11i,EAP-TLS.,WEP ,WPA-PSK,WPA-TKIP,802.11,EAP-TLS,WPA AES | * |
| | Dedicated Console Port | Available | * |
| | Receiver Sensitivity in db | -94 | * |
| | Transmit power (tx)(dBm) | 27 | * |
| | Radio Resource Management such for power channel,coverage hole detection and performance optimization | Available | * |
| | Support for Load | Available | * |

| | | |
|---|---|---|
| Balancing between 2-4 Ghz and 5 Ghz | | |
| Support for Configurable Carrier Threshold | Available | * |
| Device Management | Web-based Configuration Interface (GUI) | * |
| Support for Mesh Networking | Available | * |
| Support for QoS for Voice over Wireless | Available | * |
| Support for MU-MIMO | Available | * |
| Number of MIMO supported & Spatial Streams | 4 x 4 :4 | * |
| Number of WLAN (SSID) per AP | 16 | * |
| Maximum clients Nos | 512 | * |
| Support for Autonomous access-point option | Available | * |
| USB Ports | Available | * |
| Number of 10/100/1000 port | 2 | * |
| mGig support | Not Available | * |
| Fiber port (in case of outdoor AP) | Not Available | * |
| Support for Bluetooth Low Energy (BLE) support on AP | Not Available | * |
| Support for Beam forming | Available | * |
| Operate as a sensor for wireless IPS | Available | * |
| Support for QoS and Video Call Admission Control capabilities | Available | * |
| Support for Rogue access point detection | Available | * |
| Support for Wireless Intrusion Protection System | Available | * |
| WPC certified | Yes | * |
| Wi-Fi CERTIFIED | Yes | * |

| | | |
|---|---|---|
| Support non-Wi-Fi detection for off-channel rogues and Containment for both radio while serving the client simultaneously | Available | * |
| Powering options (Such as AC/DC, 802/3af PoE, 802/3at PoE+), specify | AC/DC With With Power Addopter,802.3af PoE,802.3at PoE+ | * |
| Power POE (Watt) | 21.5 | * |
| Environmental Standard : plenum-rated (UL2043) for Indoor and IP67 for Outdoor | Yes | * |
| Operating Temperature Range (Degree C) | - | * |
| Operating Humidity (%RH) | - | * |
| Dimension (mm x mm x mm) | - | * |
| Weight (grams) | - | * |
| On Site OEM Warranty (Years) | 3 | 3 |

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address | Quantity | Delivery Days |
|-------|-----------------------------|--|----------|---------------|
| 1 | Vinayak Waman Sutar | 411008,C-DAC C-DAC Innovation Park, Panchavati, Pashan | 70 | 15 |

Bid Specific Additional Terms and Conditions

1. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---

