

### Bid Document

| Bid Details  |   |
|--|---|
| Bid End Date/Time                                      | 27-07-2020 19:00:00   |
| Bid Opening Date/Time                                  | 27-07-2020 19:30:00   |
| Bid Life Cycle (From Publish Date)                     | 90 (Days)   |
| Bid Offer Validity (From End Date)                     | 45 (Days)   |
| Ministry/State Name                                    | Ministry Of Communications  |
| Department Name  | Department Of Posts   |
| Organisation Name                                      | Tamil Nadu Postal Circle Department Of Posts  |
| Office Name  | Office Of The Chief Postmaster General Tamilnadu Circle Chennai 600002  |
| Total Quantity   | 1   |
| Item Category  | Video Conferencing End Point  |
| Bidder Turnover (Last 3 Years)                         | 5 Lakh (s)  |
| OEM Average Turnover (Last 3 Years)                    | 37 Lakh (s)   |
| Experience Criteria                                    | 3 Year (s)  |
| MSE Exemption for Years Of Experience and Turnover     | Yes   |
| Startup Exemption for Years Of Experience and Turnover | Yes   |
| Document required from seller                          | Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover<br>*In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer |
| Past Performance                                       | 80 %  |
| Bid to RA enabled                                      | No  |
| Inspection Required                                    | No  |

### EMD Detail

|                   |                     |
|-------------------|---------------------|
| Advisory Bank     | State Bank of India |
| EMD Percentage(%) | 2.00                |
| EMD Amount        | 18560               |

### ePBG Detail

|                                     |                     |
|-------------------------------------|---------------------|
| Advisory Bank                       | State Bank of India |
| ePBG Percentage(%)                  | 5.00                |
| Duration of ePBG required (Months). | 38                  |

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

**Beneficiary:**

Asst. Director(Technology)

Office Of The Chief Postmaster General Tamilnadu Circle Chennai 600002, Department of Posts, Tamil Nadu Postal Circle

Department of Posts, Ministry of Communications

(Assistant Director Technology)

**Splitting**

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document.

Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

**Video Conferencing End Point ( 1 pieces )**

**Technical Specifications**

[\\* As per GeM Category Specification](#)

| Specification | Specification Name  | Values                 | Bid Requirement (Allowed Values)                            |
|---------------|---|------------------------|---|
| Specification | <b>Type of End Point</b>  | 1+7 Multiparty Full HD | 1+7 Multiparty Full HD                                      |
|               | Does it require mandatory registration with MCU   | NA                     | *   |
|               | <b>Video Conferencing System Resolution</b>   | 1080p, 60 fps          | 1080p, 60 fps, 4K, 30 fps, 4K, 60 fps Or higher             |
|               | Minimum Bandwidth Required for Specified video quality at End point/far-site end (Kbps) | 2048                   | *   |
|               | <b>Type of Camera</b>   | PTZ                    | PTZ Or higher   |
|               | <b>Camera Positioning System</b>  | Preset                 | Automatic Voice Activated, Face Detection, Preset Or higher |

|   |   |  |
|---|---|--|
| Type of sensor  | CMOS  | *  |
| Camera Control (focusing, brightness, and white balance)  | Automatic                                   | *  |
| Multiple Camera System in case of Automatic Voice activated CameraTracking  | NA  | *  |
| <b>Optical zoom</b>   | 10X   | 10X, 12X, 20X, 22X, 30X Or higher            |
| Digital zoom  | NA  | *  |
| Field of View at zoom (Degree)  | 65  | *  |
| Pan range Minimum to Maximum (+/- Degree)   | 100,-100                                    | *  |
| Tilt Range (Degree)   | 20,-30                                      | *  |
| Cord and Connector to be supplied   | Yes   | *  |
| System delivers Full HD video and voice & Full HD content for an overall Full HD experience at specified bandwidth          | Yes   | *  |
| Video coding support Protocol   | H.263,H.264AVC,H.264SVC, H.264 High Profile | *  |
| System has G-722/ G-711/ G-729 or equivalent nt wideband audio coding support   | Yes   | *  |
| <b>System supports sharing of video and graphics content during the video call</b>  | 1080p, 60fps                                | 1080p, 60fps, 4k, 30fps, 4k, 60fps Or higher |
| It is possible to see both the near and far site on one Screen thus making most efficient use of a single display area      | Yes   | *  |
| System is equipped with one or more Omni directional High Definition Microphones as required to cover large conference room | Yes   | *  |
| Number of microphone supported  | 4   | *  |
| <b>Number of microphone supplied</b>  | 2   | 1, 2, 3, 4, 5, 6, 7, 8 Or higher             |
| Number of camera support from the same OEM  | 2   | *  |
| Number of Ethernet connection points for System supports for RJ-45, 10/100/1000 Mbps Base-T Ethernet connection             | 2   | *  |
| <b>Wi Fi Connectivity</b>   | No  | Yes, No Or higher                            |
| <b>If Yes, Type of Wi Fi</b>  | NA  | Integrated, External, NA Or                  |

|  |                  |                   |
|--|------------------|-------------------|
| <b>Connectivity</b>  |                  | higher            |
| System supports AES encryption video calls; System has Encryption On and Off capability  | Yes              | *                 |
| Video Codec shall support 16:9 format  | Yes              | *                 |
| Power supply: 230 + or - 10% volts, 50 Hz  | Yes              | *                 |
| Shall come with easy to use infra-red hand held remote control / Touch Panel with operating distance   | Yes              | *                 |
| All equipment are in compliance with the requirements of ITU-T (SIP Protocol & H Dot 323) Standard related to Video Conferencing   | Yes              | *                 |
| System to be IPv6 ready from day one   | Yes              | *                 |
| System uses standards based protocols & the offered system is inter operable with any existing H-323 AVC/SVC based VC equipment in a P to P call on VC end point; All H/W and S/W required to make it interoperable is included in the scope of supply | Yes              | *                 |
| Number of Input DVI Ports  | 0                | *                 |
| Number of Input HDMI or equivalent Ports   | 3                | *                 |
| Number of Input USB Ports  | 2                | *                 |
| Number of Output DVI Port  | 0                | *                 |
| Number of Output HDMI or equivalent Port   | 3                | *                 |
| Number of output USB Port  | 0                | *                 |
| Calendering Feature  | Yes              | *                 |
| <b>Recording @1080p on the end point</b>   | No               | Yes, No Or higher |
| System supplied complete with the following components from the same OEM (a) Codec (b) Camera (c) At least one Microphones with suitable connectivity (d) Remote Control/Touch Panel (e) Data sharing capability using H/W or S/W (f) Necessary Cables | Yes              | *                 |
| Type of Microphone   | Omni Directional | *                 |
| System is also tropicalized and report available from ILAC/NABL/Govt Lab with all add on including   | No               | *                 |

|  |     |                |
|--|-----|----------------|
| Environmental Sequence   |     |                |
| (a) Dry Heat- For 16 hrs at 55 deg C as per IS:9000/pt-3/sec-5/1977(b) Cold-For 4 hrs at 0 deg C as per IS:9000/pt-2/sec-4/1977 (c) Damp Heat- For 2 Cycles of 24 h each at 40 deg C & 95% RH as per IS:9000/pt-5/sec-1/1991 (All Reaffirmed 2007) | No  | *              |
| After each environmental test and a recovery period of two hours, the video conferencing system has been checked for complete functional parameters, and the results found satisfactory  | No  | *              |
| Type Test Report from ILAC/NABL/Govt lab confirming conformance to above technical specifications - to be made available to buyer  | No  | *              |
| BIS Registration under CRS of Meity  | NA  | *              |
| BIS Registration Number and its Validity   | -   | *              |
| UL/CE certification  | Yes | *              |
| If Yes, UL/CE certificate Number (Corresponding UL/CE Certificate to be furnished when demanded by the buyer)  | -   | *              |
| Minimum Operating temperature (Degree C)   | 0   | *              |
| Maximum Operating Temperature (Degree C)   | 40  | *              |
| Minimum Operating humidity (%RH)   | 15  | *              |
| Maximum Operating humidity (%RH)   | 80  | *              |
| Free installation and commissioning  | Yes | *              |
| <b>On Site OEM Warranty (Year)</b>   | 5   | 3, 5 Or higher |

\* 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 | Balasubramanian<br>Sethuraman | 600002,Office of the Chief<br>Postmaster General Tamilnadu<br>Circle Anna Road Head Post office<br>Bldg Chennai | 1 | 45 |
|---|-------------------------------|---|---|----|

## Bid Specific Additional Terms and Conditions

1. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
2. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
3. Buyback for Non PFMS/Non GPA:
  1. GST will apply on the value of buyback and separate invoice is to be prepared by Government buyer/Consignee for buyback items offline outside the GeM system. Vendor should work out input credit for that GST applicable on the buy back while quoting the product/services.
  2. Input GST Credit consideration by seller- seller shall offer the prices in the bid by the total amount of new goods including GST- total amount of old goods quoted by the firm excluding GST. This is because GST charged by buyer on buy-back value will be available for full ITC (input tax credit) on the hands of bidder. Therefore, for the purpose of quoting in the bid and evaluation, value as quoted by the bidder (excluding any GST on buy back) as indicated in column G below will be considered.

Illustrative examples for bidders are as under for understanding of the seller.

| Excel sheet for explanation to Buyback ATC   |                        |   |                              |                          |   |  |                                  |
|--|------------------------|---|------------------------------|--------------------------|---|--|----------------------------------|
| S.no   | Cost of Fresh Good (A) | %age of GST on Fresh Good as considered by seller at the time of quote (B). | GST Amount on Fresh Good (C) | Cost of Buyback item (D) | %age of GST on Buyback items (E) as fixed by buyer in the bid | GST Amount on Buyback item (F) as applicable at the time of invoice by buyer | Quote of the Bidder ( G={A+C-D}) |
| 1  | 100                    | 28  | 28                           | 20                       | 8   | 1.6  | 108                              |
| 2  | 100                    | 9   | 9                            | 20                       | 8   | 1.6  | 89                               |
| 3  | 110                    | 10  | 11                           | 24                       | 8   | 1.92   | 97                               |
| Seller after the award of the GeM contract, will indicate all column A to G which will not alter their quoted price indicated in Colum-G |                        |   |                              |                          |   |  |                                  |

3. Successful lowest bidder has to provide detailed cost break up of tendered items as well as buy back items separately after award of contract through email to the government buyer/consignee.
4. The seller of new item /service provider shall deposit the cost of invoiced buy back item with GST to the buyer for allowing seller to lift up the material from the buyer/consignee premise.
5. Transportation of buy back items from buyer premises shall be arranged by the seller itself without any extra cost.
6. Government Buyer organisation /consignee will issue invoice of buy back items to the seller at the cost of buyback to be indicated to the buyer by the seller offline after receipt of order. This in no case will modify the bid in any manner.
7. The seller will be entirely responsible for the safe disposal of old items without affecting the environment in any manner as per prevailing statutory rules and Act/ law of the land.
8. The seller may visit the site and inspect the condition of buy back item in advance before quoting for the bid.
9. Receipt of payment by the buyer for Old items and invoicing by buyer will be out of GeM portal.
10. Government Buyer will upload the details of old goods along with the bid in the corrigendum with minimum price.
11. If the minimum price (Optional) is indicated and sellers of new item who are not agreeing to take back the old item at equal to or above that minimum price should not participate in the bid.
12. In case they participate into the bid and afterwards indicates the price of old goods, less than the minimum price shown by Government Buyer in corrigendum, EMD of the bidder will be forfeited.
13. Item Details Consignee wise will be indicated in the corrigendum like -
  1. Consignee wise
  2. Item Description
  3. Serial Number
  4. Model
  5. Brand
  6. Year of manufacturing

7. Purchased on
  8. Age
  9. Size, Rating, Designation
  10. Quantity
  11. Min price (Optional)
  12. Unit
  13. Working Guidelines (/Functional/Non-Functional)
  14. Remarks
14. The successful bidder shall remove the old goods from the premise of the Government buyer/consignee at the time of the supply, installation and commissioning of fresh goods. Seller will be entitled for payment only after removal of old goods from Government buyer/consignee/user's premise and after supplying the fresh goods in terms of contract.
15. Note: This clause of ATC shall be operated by non PFMS; non GPA buyer i.e. all PSU working through their ERP and not integrated with GPA.
4. **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.
5. Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
6. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
7. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
- a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
  - b. Execution certificate by client with order value.
  - c. Any other document in support of order execution like Third Party Inspection release note, etc.
8. Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.
9. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
10. **IMPORTED PRODUCTS:** In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
11. **Malicious Code Certificate:**
- The seller should upload following certificate in the bid:-
- (a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-
    - (i) Inhibit the desires and designed function of the equipment.
    - (ii) Cause physical damage to the user or equipment during the exploitation.
    - (iii) Tap information resident or transient in the equipment/network.
  - (b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.
12. **OEM Turn Over Criteria:** The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
13. **Purchase preference to Micro and Small Enterprises (MSEs)** from the State of Bid Inviting Authority : Purchase preference will be given to MSEs as Micro and Small Enterprises from the State of Bid inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15 % of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 20% of total value as defined/ decided in relevant policy.

14. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 20% of total value.
15. Preference to Make In India products (For bids less than 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document 50%. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
16. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
17. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
18. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
19. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
20. Warranty period of the supplied products shall be 3 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid

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

**---Thank You---**