

POLICE



DEPARTMENT

No. E1-13101/2020/Tele

Police Telecommunication
Headquarters,

Thiruvananthapuram

✉ sptele.pol@kerala.gov.in

☎ 04712448707

Dated. 22-01-2021

Tender No.05/2021/Tele

The Superintendent of Police, Police Telecommunication Headquarters, Pattom Thiruvananthapuram, Kerala Police Department, Government of Kerala invites Bids from reputed manufactures/authorised dealers or reputed vendors for the purchase of RoIP Gateways (Radio Over Internet Protocol) with the following specifications.

Specifications:-

- The radio Communication Integration system should interface with any combination of 2-way radios (Conventional VHF, UHF & UHF Digital) & IP Networking while allowing multiple simultaneous two-way conversations or conference calls between the above.
- The system should perform either as an unmanned gateway or as an manned gateway while providing integration over multiple radio networks.
- Should be capable to connect VHF to UHF and vice versa, VHF/UHF to Analog VHF / Digital UHF
- Minimum 3 Radio Ports for interconnection 3 networks at a single site.
- Should be able to connect Point to Point Network & Multi site Networks connections.
- Operation on Selective mode basis when operating in more than two sites.
- It connects Analog to Digital, Digital to analog and digital to Digital Radio networks.
- Capable to work with IP Based EPABX and allow inter operatability between radio and EPABX / IP Phones.
- Should have provision of Hard reset, soft reset and Firmware update.
- Should work on a Maximum 64 kbps at one site for each channel.
- Should must be Web Programmable with password Protection (additional Software not required)
- Should give visual indication when a firmware update become available and firmware should be upgraded by press of a button.
- All Radio signaling protocol, DTMF/5 Tone/MDC 1200 must pass through the IP Network for Radio features compatibility.
- Should have 10 BASE –T/100 BASE-TX Ethernet LAN Port & WAN Port.
- Power Supply requirement: Equipment should work on 12 V DC Battery or on 230V +/-10% 50Hz power based on the application.
- Equipment must be capable to interlink all existing radio in any Frequency Spectrum
- Should have work with VOX and SQL mode as per application.
- It must support transfer of NMEA/AVLS Data from Field to control radio for AVLS monitoring purpose.
- It must have capability to work as a control radio with interface of MIC, PTT Switch, Speaker for TX & RX.



E1-13101/2020/Tele



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- Equipment should also work as a Single / Cross band Repeater for remote application.
- Offered Equipments should be Portable, Compact and should be suitable for mobile manpack operation.
- Equipment should be able to work Repeater function and transmit on one network while receive from another network
- Equipment should be able to work with various radio equipment in VHF and UHF bands co-located and transmitting at higher power without any problems.
- Equipment should have LED indication for TX, RX Power ON, IP Connect and other activities.
- The system should have built in Self test facility.
- The Offered Equipment shall be able to interface as required with any brand Handheld sets Base / Mobile radios for Mobile application and also should work with repeater as required.
- Required accessories are to be provided along with equipment based on existing radios in use.
- In Emergencies, Offered equipment should support & connect with CDMA / GSM data networks using PC for connecting Point to Point & Point to Multipoint Radios Networks in use over IP.
- Offered Equipment should also support for Wired & Wifi Networks for connecting different band of radio frequencies over IP.

The bidders should comply with the following conditions in addition to the conditions of the tender:

General

1. The Bidder should be a reputed Original Equipment Manufacturers (OEM) or authorized dealer of OEM, having a Manufacturer Authorization letter specific to participate in the tender. Bidder will be rejected if the OEM authorization letter is not submitted in the bid.

2. A reputed vendor can participate in the tender provided the vending outfit is Functioning in the market for at least 3 years.

3. One bidder cannot represent two suppliers/OEMs or quotes on their behalf in a particular tender.

4. The OEM/supplier must have service center functioning in South India cater to immediately after sales requirement. Service Centre details must be enclosed along with Tender document. (Preferably bidder should have a Service point in Kerala).

5. The bidders qualifying after scrutiny of technical bids will be required to demonstrate the functionality of the quoted equipment in front of technical committee.

6. The Bidder should have valid GST registration. Copy of GST registration certificate should be enclosed along with the tender.

7. The bidder should have valid PAN/Taxation Index Number. Copy of PAN/Taxation Index Number allocation letter should be enclosed along with the tender.

8. The Bidder must fulfill the following minimum qualification criteria to prove the techno-commercial competence and submit the documents in support thereof:

- Valid Authorization letter from the OEM to attend this particular Tender.
- Certificate of Registration /Incorporation Certificate of Bidder along with Copy of Service and sales Tax registration certificates.'
- Last 2 years financial status of the Bidder's P&L and Balance sheet/audit report of last 2 years,
- The bidder (authorized dealer/distributor) should have the dealership/distributorship for at least 02 (two) continuous consecutive years with single OEM.



- The tenderer shall provide Warranty for 2 years from the date of supply .

9. Salient Features

1.	Tender No.& Date	05/2021/Tele
2	Item	RoIP Gateways
3	Quantity	4 Nos
4	Estimated amount	Rs. 2,50,000/-
5	Tender fees	Rs.750/- + GST
6	Earnest money deposit	Rs.2500/-
7	Last date and time for submission of Tender	05/02/2021 4.00 PM
8	Last date and time for submitting samples	05/02/2021 4.00 PM
9	Date of and time of Technical bid opening	08/02/2021 12.00 Noon
10	Date and Time of Financial Bid opening	will be informed later
11	Place of Technical Bid Opening	Police Telecommunication Headquarters, Pattam, Thiruvananthapuram
12	Date, Time and Place of Technical Evaluation	09/02/2021, 11.00 AM at Police Telecommunication Headquarters, Pattam Thiruvananthapuram
13	Bid validity (Total Number of Days upto which the rates are to be firm)	will be informed later
14	Warranty	2 Years
15	Address of tender inviting authority	Superintendent of Police Telecommunication HQrs, Pattom, TVPM-695004 Ph:0471 2448707 e-mail:sptele .pol@kerala.gov.in Website:www.keralapolice.gov.in

10.The Tender should be super scribed with Tender Number and name of the store item and to be addressed to Superintendent of Police, Police Telecommunication Headquarters, Pattom Thiruvananthapuram. Late Tenders will not be accepted.

11. The tenders should be submitted in two separate parts containing 1) Technical and 2) Financial bids in separate sealed envelopes clearly super scribed and should together in a large envelope, all envelops sealed and super scribed with "Tender No. and name of item". If any offer contains technical bids and financial bids together in one envelope, such offers shall be rejected outright.

12. The Technical bid will be opened on 08/02/2021 12.00 Noon in the presence of the authorized representatives of the firm who may be present at that time. All tenders received without EMD will be rejected, outright. All prices quoted should be inclusive of all levies and taxes.

13. Earnest Money Deposit (EMD) should be furnished along with the Tender. EMD may be submitted either in crossed Bank Drafts/Treasury Savings Bank Deposits/Government Promissory Notes/Bank Guarantee or National Saving Certificates drawn in favour of the Superintendent of Police, Police Telecommunication Headquarters, Pattom Thiruvananthapuram. The name of the firm and Tender number should be mentioned in the reverse side of the EMD and the Tender cost. Firms which are exempted from furnishing EMD should produce a copy of relevant authorized document for verification. Without EMD, the Tenders will be rejected.

14. If the tender opening date happens to be a holiday or non-working day due to any valid reason, the tender opening process will be done on the next working day at the



E1-13101/2020/Tele



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same time and place specified. The Samples supplied will be evaluated by a Technical Evaluation Committee and those that do not conform to the specifications or to the satisfaction of the Committee will be rejected. The financial bids of the Technically qualified Tenderers only will be considered for opening.

15. All tenderers who quote for the supply of above equipment are required to be ready for live demonstration to be held in the Office of the Telecommunication Head Quarters, Pattom ,TVPM on 08/02/2021 12.00 Noon (or any other venue which will be intimated in due course) In the event of firms not able to show live demonstration, they need to convince the Technical Evaluation Committee about such inability and resort to documentary/power point presentation with original product brochures/CDs/scale models/ videos/ slide shows etc. to the utmost satisfaction of the Technical Evaluation Committee. The firms should supply samples at Telecommunication Headquarters, Pattom, Thiruvananthapuram at their expense before 05/02/2021 4.00 PM. The same can be taken back by the firm at their expense after tender procedure. The decision of the Technical Evaluation Board will be final. The Technical Evaluation Committee will be consisting of the following officials:

- 1) The DySP(C&W) Telecommunication Chairman
- 2) The IP Telecommunication CWS Member
- 3) The IP HF Control Member

The Chairman of the Committee can co-opt any other technical member of his choice to the Committee for proper evaluation of the tendered item. Any clarification/doubts regarding the specification or related matters pertaining to the items tendered may be freely got cleared by contacting the Inspector of Police, Central Workshop, Police Telecommunication Headquarters, Mob. 9497987439.

16. Specifications and list items of each tender shall be obtainable from the Inspector of Police, Central Workshop, Telecommunication Headquarters during working hours of office. The firms should also furnish the detailed specifications, brochures etc. of the equipment along with the tender. The Tenders without detailed specifications of quoted items, Brochures etc are liable to be rejected forthwith. The Tenders without separate envelope and not super scribing the Tender number will be rejected.

17. As the items are urgently required, the selected bidder will have to supply the item without loss of time, preferably within five days.

18. Sample will be submitted at free of cost, which would be returned only after the supply is effected.

19. Police Department is not liable to send any individual communication. Police Department is not responsible to return the samples after verification.

20. The Superintendent of Police, Police Telecommunication Headquarters, Thiruvananthapuram is empowered to reject any Tender without assigning any reason.

21. For any litigation relating to this order, the jurisdiction will be Thiruvananthapuram City.



Dr ARVIND SUKUMAR IPS
Superintendent of Police (ic)

To : The Additional Director General of Police (SCRB) for information
Copy To : 1) All Sub Unit heads for vide publicity 2) AA/JS1/JS 2/HC/ Cashier/ CA to SP
Tele for information .

