

**बिहार पुलिस मुख्यालय, पटना**  
**पुनर्निविदा आमंत्रण सूचना सं०-34 / 12-13**

1. विभाग का नाम— पुलिस महानिदेशक का कार्यालय, बिहार, पटना ।
2. विज्ञापनदाता का पदनाम एवं पता— पुलिस महानिरीक्षक के सहायक (क्यू), बिहार, पटना ।
3. निविदा प्राप्ति की तिथि एवं समय— दिनांक— 08 / 03 / 2013 1400 बजे तक ।
4. निविदा खोलने की तिथि एवं समय— दिनांक— 08 / 03 / 2013 1600 बजे तक ।
5. निविदा प्राप्ति का स्थान— पुलिस महानिदेशक का कार्यालय, बिहार, पटना के कार्यालय भवन के मुख्य द्वार पर रखी निविदा पेटी ।
6. कार्य का व्योरा—

S.No	Items name	Specification	Qty
1	A.C. Mili Volt meter	1. Frequency Range- 10 KHz to 1.5 GHz with terminated 50 $\Omega$ /75 $\Omega$ probe 2. Voltage Range- 1 m VFS to 3 VFS with attenuation of 300 V in extension. 3. Auto. Manual range Selection. 4. Input Impedance:- (a) 150 K $\Omega$ Shunted by < 2.5 PF measured at 1 MHz and 1 Volt. AC RMS (b). Maximum AC 8V RMS sinusoidal Waveform with crest factor < 1.2 (c) Maximum DC 200 V DC 5. VSWR:- Better than 1:3:1 up to 1.5 GHz. 6. Power:- 160V to 260 V .50 Hz, 12V DC Battery operated. 7. Including all type of attenuator and measuring probe and service manual.	10
2	Repeater Station a/w cable & Antenna L/B	Specification may be obtained from this office or on website <a href="http://www.biharpolice.bih.nic.in">www. biharpolice. bih.nic.in</a>	25
3	Fixed Station for interlinking repeater	Specification may be obtained from this office. or on website <a href="http://www.biharpolice.bih.nic.in">www. biharpolice. bih.nic.in</a>	14
4	Collar Mikes for Hand Held sets	Vox operated head phone with mike for HH set. Model-(1) SRP-8020-380, (2)RLR-328-160 (3) TC-270-221	761
5	25 Watt. VHF set with scrambler all accessories	Specification may be obtained from this office. or on website <a href="http://www.biharpolice.bih.nic.in">www. biharpolice. bih.nic.in</a>	11
6	VHF set (L/H Band)	Specification may be obtained from this office. or on website <a href="http://www.biharpolice.bih.nic.in">www. biharpolice. bih.nic.in</a>	20
<p><b>Note: Before submitting tender please see tender terms &amp; conditions carefully and then verify your tender from this check list:-</b></p> <p><b>1- For one or more items technical bid be kept in one envelope.</b>  <b>2- For one or more items financial bid be kept in separate envelope.</b>  <b>3-Certificate of manufacturer or authorization must be enclosed.</b>  <b>4-Earnest money of 25000/-</b>  <b>5-Income tax returns &amp; copy of PAN No.</b>  <b>6-Turn Over</b></p>			

निविदा के नियमों, शर्तों की जानकारी के लिए अधोहस्ताक्षरी के कार्यालय में, पुलिस महानिरीक्षक के सहायक(क्यू), बिहार, पटना के दूरभाष सं०-0612-2215295 पर सम्पर्क किया जा सकता है, कार्यालय के सूचना पट तथा वेबसाइट [www.prdbihar.gov.in](http://www.prdbihar.gov.in) or [www.biharpolice.bih.nic.in](http://www.biharpolice.bih.nic.in) पर देखा जा सकता है ।

ह० / -  
पुलिस महानिरीक्षक के सहायक(क्यू),  
बिहार, पटना ।

## **TERMS & CONDITIONS OF RE-TENDER NO. 34 /2012-13**

1. Tender of the firms situated inside /out side the State will be accepted with the condition that if their tenders are approved, the firm shall get itself registered with Commercial Tax Department, Bihar before the purchase order is issued.
2. The tender should be submitted in two parts, (1) Technical bid and (2) Financial bid duly sealed in two separate envelopes super scribed as technical bid and financial bid. The rates shall be quoted in the Financial bid. All charges like BST/CST/Service Tax /VAT etc. shall be clearly mentioned but net rate (in figures and words) including all taxes and duties shall be quoted. Vague offers like indicating taxes "as applicable" will be summarily rejected. There shall be no cutting, over writing or correction on the rates. All relevant papers/certificates/specifications etc. of items should be enclosed in technical bid.
3. The technical and financial bids for each item **should be submitted separately in separate envelopes.** The technical and financial bids for more than one items submitted together in the same envelope shall be summarily rejected. If the financial bid is submitted in the same envelope containing the technical bid then also it shall be summarily rejected.
4. The technical and financial bids should be put in two separate sealed envelopes and the envelopes should be marked " Re-tender No.34/2012-13 (Technical Bid) and " Re-tender No. 34/2012-13 (Financial Bid) along with the name and address of the firm. The sealed envelopes containing the technical and the financial bids should be sent in an another sealed envelope which should be marked as "Re-tender No. 34/2012-13 ".This envelope should not bear the name and address of the firm.
5. Up-to-date Income Tax returns (Saral) and a photocopy of PAN of the participating firm should be submitted with the technical bid. I.T. return should have stamp and signature of the concerned department, whether filed manually or electronically.
6. The turn over of the firm for the 2011-12 financial year should be at least double the amount of the supply order which is being issued. A copy of the profit and loss a/c of the firm for the 2011-12 financial year certified by a Chartered Accountant should be submitted along with the tender. If the tenderer is authorised dealer and authorised supplier of manufacturing firm, then the certified details of the turnover of authorizing firm will be accepted.
7. If there is some discount in the price of any item, it should be deducted from price itself and should not be quoted separately.
8. If the product is on DGS & D rate contract then a copy of the contract be attached and pricing be done with all taxes including Bihar Sales Tax.
9. All items will be received at Central Clothing Store, Patna, therefore price should be quoted FOR Central Clothing Store, Phulwarisharif, Patna.
10. **Firms will have to deposit a sum of rupees 25000/- (Twenty five thousand) only as an earnest money in the form of postal saving passbook / NSC/Bank draft duly pledged in favour of the undersigned along with the quotations.**
11. Technical bids will be opened 08/03/2013 at 16:00 PM in the office chamber of the undersigned. Representatives of the tenderer may remain present at the time of opening of the technical bid.
12. The technical bid will be opened first and if it is found as per tender conditions, it will be put before Central Purchase Committee. The firm may have to participate in discussions with this committee and / or be required to demonstrate the quoted product. Any paper / document will not be accepted after opening the tender.
13. Successful firm will have to enter into an agreement after depositing a sum of 5% of the total value of the stores as security money in the form of Postal Saving Pass Book/NSC/Bank Guarantee duly pledged in favour of undersigned.
14. The firm will be required to provide satisfactory after sale service.
15. The firm will be required to supply all the items within 30 days from the date of placing order.
16. Payment for the delivered items will be made after receiving OK report from the Inspection Committee.
17. The firm whose quotation is approved shall be issued A/T. Purchase order shall be issued only after the firm enters into an agreement with the undersigned. Terms & Conditions of the agreement shall be intimated in the A/T.
18. Only such manufactures/authorised dealers and authorised suppliers of manufacturing firm who fulfills the above conditions should quote for supply of items.
19. Updated Technology at the time of supply change in condition.
20. Hands on Training of the user group by the firm shall be ensured.
21. D.G. of Police Bihar, Patna reserves the right to reject any or all the quotations partially or fully without assigning any reason thereof.
22. The Quantity indicated may increase or decrease at the time of issuing purchase order.

sd/-  
A I G of Police (Q)  
Bihar, Patna.

## **25 Watt V.H.F. BASE/MOBILE SYNTHESIZED TRANSRECIVER SPECIFICATION**

### **General Specification**

Frequency	-	136-174 MHZ
Frequency Stability	-	± 2.5 P.P.M.
R.F. Power Output	-	25 watt.
Power Supply	-	13.2 Volt DC
Channel Spacing	-	12.5/20/25 KHZ

### **Transmitter**

Modulating Limiting	-	± 2.5 KHZ /12.5 KHZ ± 4.5 KHZ /20 KHZ ± 5 KHZ /25 KHZ
Adjustment Channel Power-	-60 dB/ 12.5 KHZ. -70 dB/ 20/25 KHZ	
Frequency	-	136-174 MHZ
Audio Response (300 to 3000 HZ)-	+1, - 3db	
Audio Distortion	-	3%

### **Receiver**

Sensitivity (12 db SINAD)	- 0.25 MV.
Adjustment Channel Selectivity->	75 db /25 KHZ ->65 db /20 KHZ ->60 db /12.5 KHZ
Spurious Rejection	->75 db/20//25 KHZ ->65 db /12.5 KHZ
Rated Audio Output	- 3 Watt internal 7.5& 13 watt External.
Audio Response (300-3000HZ)-	+1, -3 db.

### **Features**

- ☒ More than 100 channel capacity.
- ☒ Digital and Analog Signaling Systems.
- ☒ Emergency Siren for generating high decibel alert.
- ☒ Programmable Option : Muted/unmuted audio emergency.
- ☒ Scan List.
- ☒ Automatically Start of Scan on Channel Selection.
- ☒ Reference Frequency Selection to minimize interference from adjustment radio.
- ☒ TOT Enable/Disable and Duration.
- ☒ Squelch Setting.
- ☒ Busy Channel Lock Out.
- ☒ Scan and Advanced Scan with.
- ☒ Provision of Second Priority Channel.
- ☒ PC Programmable.
- ☒ 50 Ohms Output Impedance.
- ☒ PTT-ID.
- ☒ Reverse Polarity Protection.
- ☒ LCD Display (14 digit alphanumeric) for.
- ☒ Channel No/named Alias.
- ☒ Incoming.Outgoing called/calling party identity
- ☒ Dialed digits.
- ☒ Received Signal strength Indicator.
- ☒ Transmitting PTT identity before and/or after transmission.
- ☒ Remote Kill/ Revive Commands over the air.
- ☒ Tx/Rx Remotr Radio Check Commands over the air.
- ☒ Programmable Function Buttons (07)

## **SPECIFICATION OF TRANSCRIPT VOICE SCRAMBLER/ENCRYPTION MODULE FOR H/H PORTABLE AND STATIC/MIBILE RADIO/ SETS**

- ❑ VERY HIGH-QUALITY VOICE SECURITU MODULE.
- ❑ COMPATIBILITY WITH RADIO MODELS USED IN BIHAR.
- ❑ VERY LOW POWER REQUIREMENTS.
- ❑ RADIO HOP RATE-MINIMUM 600 TIMES PER SECOND.
- ❑ FACILITY HAVING TRANSPERENT OPERATION THROUGH REPEATERS ALSO.
- ❑ THE KEY LOADING SHOULD BE THROUGH SECURE (OVER-THE-AIR-REPROGRAMMING).
- ❑ SECURITY CODES CAN BE CHANGED BY REMOTE COMMANDS.
- ❑ ABILITY TO DISABLE RADIOS THAT HAVE BEEN LOST OR STOLEN.
- ❑ SHOULD SUPPORT-ANI,SELCAL,MESSAGING STATUS,EMERGENCY NOTIFICATION ETC.
- ❑ AUTOMATIC DETECTION OF BOTH CLEAR AND CODED & INCOMING SIGNALS. Receive Coded/clear audio level :50 to 2500 mVP-P.
- ❑ Operating Temperature :-30\*to 60\*C.
- ❑ Transmit coded/clear audio level : 50 to 2500 mVP-P.
- ❑ Current drain : 8 to 10 Ma.
- ❑ No. of codes: > 45 million.
- ❑ Master codes : > 1 billion.
- ❑ Code combinations :> 84 quadrillion.
- ❑ Code Storage : 16 codes.
- ❑ Radio Management System : Programming software with modem controller and over the air.