

निविदा सूचना

**उत्तर प्रदेश पुलिस रेडियो मुख्यालय, महानगर, लखनऊ - 226006**

निविदा संख्या: ई-185/2015

दिनांक: जनवरी-07, 2016

निम्नलिखित उपकरणों के क्रय हेतु दो प्रतियों में टेक्निकल एवं वित्तीय भाग पत्र अलग-अलग मुहरबन्द आमन्त्रित किये जाते हैं:-

क्र०	उपकरण का नाम	कुल मात्रा	प्रतिभूति राशि (लाख में)	टेण्डर फीस (रु०)		सम्पूर्ति का स्थान
				नकद	बैंक ड्राफ्ट/पोस्टल ऑर्डर द्वारा	
1	डिजिटल रेडियो कम्यूनिकेशन टेस्ट सेट	03	1,50,000/-	300/-	350/-	उ०प्र० पुलिस रेडियो मुख्यालय, महानगर, लखनऊ

2. उपरोक्त उपकरणों की आपूर्ति हेतु इच्छुक फर्म किसी भी कार्य दिवस में रेडियो मुख्यालय से टेण्डर फीस नकद जमाकर अथवा निर्धारित धनराशि का ड्राफ्ट/पोस्टल ऑर्डर डाक से भेजकर निविदा फार्म मय टेक्नीकल/फाइनैन्सियल बिड के प्रारूप व शर्तों सहित प्राप्त कर सकती हैं। निविदा फार्म के साथ उपरोक्त उपकरणों की तकनीकी विशिष्टियाँ (स्पेशिफिकेशन) उपलब्ध करायी जायेंगी। टेण्डर से सम्बन्धित कोई भी जानकारी किसी भी कार्य दिवस में मोबाइल नं. 09454402615 पर प्राप्त की जा सकती है। निविदा सूचना उ० प्र० पुलिस की वेबसाइट [www.uppolice.gov.in](http://www.uppolice.gov.in) एवं सूचना विभाग की वेबसाइट [www.upgov.nic.in](http://www.upgov.nic.in) पर उपलब्ध करायी जा रही है।

3. इच्छुक फर्म निविदा फार्म उपरोक्त वेबसाइट से डाउनलोड करके भी निविदा में प्रतिभाग कर सकती हैं, जिसके लिये निर्धारित निविदा फार्म के शुल्क का ड्राफ्ट पुलिस महानिरीक्षक/निदेशक, दूरसंचार उ०प्र० लखनऊ (IGP/Director, Telecom, UP, Lucknow) के पक्ष में निविदा लिफाफे में उपलब्ध कराया जाना आवश्यक होगा। निविदा की अन्य शर्तें निविदा फार्म में उल्लिखित हैं। विभाग के कार्यालय का फैक्स नं० 0522-2335346 है।

4. निविदा के साथ उपकरणों के सम्मुख दर्शायी गयी प्रतिभूति राशि/अर्नेस्ट मनी(EMD)जमा की जायेगी जो डिमाण्ड ड्राफ्ट, बैंकर्स चेक, बैंक गारण्टी एवं एफ.डी.आर. के रूप में पुलिस महानिरीक्षक/निदेशक, दूरसंचार उ०प्र० लखनऊ (IGP/Director, Telecom, UP, Lucknow) के पक्ष में बनवाकर प्रस्तुत की जायेगी। ईएमडी जमा करने से छूट के लिए दावा करने वाली फर्मों को उन उपकरणों जिनकी निविदाएं उनके द्वारा डाली जा रही हैं, के सम्बन्ध में सक्षम प्राधिकारी द्वारा निर्गत ईएमडी से छूट प्रदान किये जाने सम्बन्धी प्रपत्र तकनीकी बिड के साथ उपलब्ध कराया जाना अनिवार्य है।

5. विभाग को उपरोक्त सम्पूर्ण निविदा सूचना को निरस्त करने एवं क्रय किये जाने वाले उपकरणों की संख्या घटाने, बढ़ाने का अधिकार होगा।

6. निविदा में वर्णित उपकरणों के क्रय की प्रशासकीय एवं वित्तीय स्वीकृति अभी तक प्राप्त नहीं है परन्तु निकट भविष्य में वित्तीय स्वीकृति प्राप्त होने की पूर्ण प्रत्याशा है। उक्त निविदा स्वीकृति प्राप्त होने की प्रत्याशा में आमन्त्रित की जा रही है।

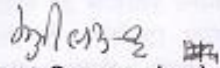
7. यद्यपि चालू वित्तीय वर्ष में उक्त स्वीकृति प्राप्त होने की पूर्ण सम्भावना है परन्तु फिर भी यदि किसी कारण से उक्त स्वीकृति नहीं प्राप्त होती है तो उक्त उपकरणों को क्रय करना सम्भव नहीं हो सकेगा और निविदा की यह सम्पूर्ण प्रक्रिया निरस्त समझी जायेगी। जो भी आपूर्तिकर्ता इस शर्त को स्वीकार करते हैं वे ही इस निविदा प्रक्रिया में भाग लें। उनके प्रतिभाग के कारण उन्हें हुई किसी प्रकार की क्षति के लिए पुलिस रेडियो विभाग उत्तरदायी नहीं होगा।

  
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8. यदि उक्त उपकरण डी.आई./डी.जी.एस. एण्ड डी. दर अनुबन्ध अथवा शासन द्वारा जारी शासनादेशों के अन्तर्गत किसी संस्था/फर्म पर उपलब्ध हो जाते हैं तो निविदा स्वतः निरस्त समझी जाएगी।

9. निविदा प्रक्रिया की समय सारणी निम्नवत होगी-

- |                                 |  |
|---------------------------------|--|
| 1- निविदा विक्री की अवधि        | - दिनांक: 13.01.2016 से दिनांक: 11.02.2016 को 1300 बजे तक।     |
| 2- प्रीबिड मीटिंग               | - दिनांक: 22.01.2016 को समय 1200 बजे रेडियो मुख्यालय, लखनऊ पर। |
| 3- निविदा डालने की अन्तिम तिथि  | - दिनांक: 11.02.2016 समय 1400 बजे तक।                          |
| 4- तकनीकी ऑफर खोले जाने की तिथि | - दिनांक: 11.02.2016 समय 1600 बजे।                             |
| 5- उपकरणों का प्रदर्शन          | - तकनीकी बिड के परीक्षण के उपरांत।                             |

  
उपमहानिरीक्षक(पुलिस दूरसंचार)प्राविधिक  
कृते- पुलिस महानिरीक्षक, दूरसंचार  
उ0प्र0पुलिस रेडियो मुख्यालय,  
महानगर-लखनऊ  
E-Mail : radiohq@nic.in  
Website: www.uppolice.gov.in

SL NO.



**UTTAR PRADESH POLICE RADIO HEADQUARTERS, MAHANAGAR  
LUCKNOW -226006**

**Price : Rs. 300.00**

**TENDER FORM**

**CONTENTS:-**

1. GUIDELINES/INSTRUCTIONS FOR PREPARATION & SUBMISSION OF TENDER
2. CONDITIONS OF AGREEMENT
3. TECHNICAL OFFER
4. FINANCIAL OFFER
5. CHECK LIST FOR SUBMITTING OFFER
6. PROFORMA FOR AUTHORITY LETTER OF OEM
7. PROFORMA FOR DECLARATION OF BIDDER
8. TENTATIVE BOQ
9. TECHNICAL SPECIFICATIONS

# **1. GUIDELINES/INSTRUCTIONS FOR PREPARATION & SUBMISSION OF TENDERS**

## **DOCUMENTS REQUIRED TO FILL TENDER FORM**

1. All the enclosures should be valid on the date of opening of the tender.
2. All the certificates/documents mentioned in the tender notice/tender form or details of which are attached with the tender form must be submitted by the tenderers and should be valid and up-to-date.
3. If the tenderer is an Agent/Dealer/Supplier, they should submit the authority letter (in original) of their principal fulfilling under mentioned conditions (Proforma enclosed as Annexure-A). Photocopy will not be accepted:-
  - (a) The Tendering firms (if not manufacturer of the item) should submit along with their offer, an authority letter from their principals (who should be manufacturer) that they are their authorized agents / dealers.
  - (b) It should clearly bring out the relation of principal and agent/dealer as the case may be. It should speak of territory and acts assigned to the agent/dealer.
  - (c) The principal should commit themselves through this authority letter for short comings / defects / substandard supplies / supplies not according to norms or law of land etc. and shall be solely accountable for quality of product. Principal should also clearly mention that the rate quoted by agent/dealer are reasonable.
  - (d) It must be mentioned in the authority letter that quoted item and principals have not been black listed in the past.
4. The authority letter should be speaking and specific. Vague authority letter or any business letter shall not be considered as an authority letter and such offer may be ignored out rightly.
5. In normal course an agency / dealer agreement attested copy, (attested by notary public), once in each year or whenever there is a change, should be submitted to the U.P. Police Radio Hqrs.
6. It shall be duty of the tenderer as well as principal to inform the U.P. Police Radio Hqrs regarding any material change that takes place in the above agreement during the finalisation / pendency of the contract. Failure to do so, may entail civil as well as criminal liability and this, without prejudice, lies with the U.P. Police Radio Hqrs., rights to cancel the order or take such necessary action as it may deem fit.
7. In case of U.P. state firm, enclose valid trade tax/VAT, registration certificate. In case of outside U.P. firms enclose valid C.S.T./VAT registration certificate.
8. Firm must submit the copy of the tender fee deposited (Tender fee may be deposited either in cash or in the form of IPO/Demand Draft in favour of IGP/Dir.(Telecom) U.P. Police Radio Hqrs., Lucknow.)
9. Firms will have to provide an affidavit on non-judicial stamp paper worth Rs. 100/- that their firm/Company has no criminal back ground and they are not involved in any criminal activity.
10. Firms will have to provide an affidavit on non-judicial stamp paper worth Rs. 100/- that their firm and the equipments, which they are offering, are not black listed by any department/authority.
11. Firm will have to provide a solvency certificate issued from any nationalized/ scheduled bank of the amount more than the estimated cost of project and it should not be issued earlier than 06 months from the date of issue of the tender notice.



## **GUIDELINES TO FILL TENDER FORMS**

1. The essential details of specifications & instructions are to be followed strictly in accordance with the tender notice. The tendering firms are required to submit their offer in two PARTS. The first part will be named as TECHNICAL OFFER & the second part will be called as FINANCIAL OFFER. THE TECHNICAL OFFER AS WELL AS FINANCIAL OFFER ARE TO BE PREPARED IN DUPLICATE SEPARATELY. (i.e. in separate covers i.e. Total Four Envelopes clearly indicating ORIGINAL & DUPLICATE on envelopes). Indicating very clearly on all the envelopes all the relevant details. Details are given as under:-

BOTH TECHNICAL OFFER & FINANCIAL OFFER, IN DUPLICATE, BE KEPT SEPARATELY IN FOUR SEALED AND SEPARATE COVERS. THESE FOUR COVERS, INDICATING ORIGINAL/DUPLICATE OFFER AND OTHER RELEVANT DETAILS ON FRONT, MUST BE KEPT IN ONE COVERING ENVELOPE (I.E. IN FIFTH ENVELOPE) & IT SHOULD BE DULY SEALED AND PROPERLY ADDRESSED. IN TECHNICAL OFFER & FINANCIAL OFFER/BID COVERS, FOLLOWING MUST BE SPECIFICALLY INDICATED ON THE COVERING ENVELOPE -THE TENDER NOTICE NO. ----- DATED ----- DUE/OPENING ON ----- . PLEASE NOTE THAT SINGLE OFFER IN ANY OF THE COVERS I.E. TECHNICAL OR FINANCIAL OFFERS OR RATE QUOTED IN TECHNICAL OFFER WILL NOT BE ACCEPTED.

2. After opening of the tender any change in the rates shall not be acceptable and offer will summarily be rejected.
3. In case, any required document(s)/paper(s) is short at the time of submission of tender, the tenderer, may give the reasons of non-submission of papers in their technical offer. Decision of PC (purchase committee) will be final in this regard.
4. Tenderer (Authorized person) shall sign the offer and all the enclosures being submitted by them with their designation, seal and date.
5. Mention full technical details of your items specifications-wise as desired in the tender notice.
6. Mention if there is any deviation in your offer in comparison to that of desired specifications.
7. Financial offer in two copies should be duly signed by the authorized signatory. single copy of offer shall not be accepted and will be rejected out rightly.
8. Tenderers will quote their rates according to proforma mentioned in the financial offer i.e. rates, Trade tax, Excise duty extra etc. separately, failing which offer may be rejected/ignored. Any cutting/corrections, if any, shall be properly attested by the tenderer.
9. Quoting any conditional discount which affects the quoted rates shall not be acceptable and such offer shall be rejected out rightly. Any discount given on quoted price as a whole shall however be acceptable.
10. No representation shall be entertained after opening of financial cover of tender.
11. If the rates in financial bid are typed then it should be with the same typewriter by which other details are typed in Financial Bid.
12. If the rates in Financial Bid are typed with other typewriter then it should be signed by the same person who has signed Financial Bid.
13. If the rates are written by pen then it should be signed by the same person who has signed Financial Bid.
14. Any cutting or overwriting in Financial bid should be signed by the same person who has signed Financial Bid.
15. In Technical offer, Index should be made with page number clearly mentioned on every page.
16. In case any bidder opts to offer more than one product for any item, he will have to purchase separate tender form & bid separately.

### **SECURITY AND WARRANTY CONDITIONS**

1. Wherever, Earnest money and Security is asked for, the same shall have to be given/submitted as desired along with the Technical offer. Offers without E.M.D./Security, if asked for, will be ignored. E.M.D./Security in the form of demand draft should be enclosed with technical offer.
2. Tender documents/ certificates and EMD must be attached with main copy of the technical bid. EMD should be valid atleast for six months from the date of issue of tender notice.
3. Successful bidder/bidders will have to execute purchase agreement deed along with a deposition of 10% security money of total tender value in the form of PO Cash Certificate/PO Saving Bank Accounts, Govt. Promissory Notes/ Fixed Deposit Receipts of State Bank of India/NSC/Deposit at Call Receipts of SBI (Bank guarantee) for a period of warranty period of the supplied item..
4. Firms will have to provide min. two year on site warranty for Radio communication test sets and one year warranty for other items/accessories.
5. During warranty period the supplier will have to ensure that all the complaints relating to defects and non-functioning of equipment are addressed to and rectified within three days of information given by the U.P. Police Radio Headquarters, Lucknow, failing which a proportionate amount at the discretion of Director General Of Police/ Addl. Director General Of Police Telecom, will be deducted from the security deposit given by the supplier firm/company to the U.P. Police Radio Headquarters, Lucknow, and the company/firm may also be black listed for future.

### **SUPPLY OF MATERIAL**

1. Details of the delivery period must be mentioned. Unless, Specially ordered, all goods must be delivered to Radio Headquarters within 30 days of the receipts of supply order by the suppliers.
2. Dealer/agent being tenderer shall have to ensure dispatch of item direct from factory premise to purchaser, if so desired.
3. Firms will have to deliver at RHQ, Lucknow, all the equipments/batteries within a period of 30 days from the date of receipt of supply order.
4. The supplier will supply items/material/equipment strictly in numbers specified in BOQ for each items and strictly as per technical specification provided by U.P. Police Radio Headquarters, Lucknow.
5. When goods are ordered F.O.R., station of destination, the supplier shall be required to bear all risks of loss, leakage or damage and shall deliver the goods in good order to the consignee at the destination i.e. U.P. Police Radio Headquarters, Lucknow, where the testing/inspection of the items will be performed to check its workability.
6. Packing cases, containers, gunny packages, etc. which may be used for purposes of packing and which are delivered with stores will not be returned or paid for.
7. If all the ordered equipments are not supplied within the specified period then the supply order issued, may be cancelled besides taking recourse to other legal / contractual provisions.

### **DEMONSTRATION, INSPECTION AND TEST REPORTS**

1. Details of quality control agreement with the manufacturing unit may also be given.
2. Those firm who qualify the process of evaluation of technical bid, will have to demonstrate the equipments before the technical committee of the Radio Headquarters as per procedure and schedule laid down by the Radio Headquarters, Lucknow at short notice. The concerned firms whose demonstration will be satisfactory as per the required specifications will be timely intimated about exact date & time of opening of financial bids.
3. Copy of the test reports, UNDER STANDARD TEST CONDITIONS about the equipments/batteries will have to be submitted to the department, when asked for.
4. It will be the responsibility of the firm to satisfy the department about proper functioning of the equipments/batteries according to specifications provided with the tender form.

### **TERMS OF PAYMENT**

1. ½% rebate must be allowed by the firm on timely payment i.e. within 30 days from the supply of complete material at Radio Headquarters . This is to be pointed out in technical offer itself.
2. 100% payment shall be made only after satisfactory delivery and testing of equipments.
3. Final payment shall be made after satisfactory inspection and functioning of the equipments. TDS will be deducted as per prevailing rules.

### **OTHER CONDITIONS**

1. It shall be the responsibility of the tendering firms to present themselves on the date of Technical & Financial bid opening and meeting thereof and acquaint themselves with the shortcomings. No separate intimation will be sent to them in this regard.
2. Units having registration with NSIC/DI/SPS UP etc., registration for tendered items only, shall be eligible for consideration for exemption from EMD as per prevailing rules of U.P.Govt.
3. If any regulatory act is applicable to the items, copy of clearance by the competent authority should also be enclosed.
4. Give any other special information if asked for.
5. If OEM doesn't have its service centre in India, then it's dealer/distributor must have service centre in India, which may be visited by a committee constituted by U.P. Police Radio Headquarter, Lucknow to ascertain it's capability in repairing/maintenance of supplied equipments.
6. The Bidder must provide a declaration certificate on stamp paper worth Rs. 100.00 duly notarized that they will support the quoted item for installation, testing and commissioning & maintenance for its prescribed life as detailed in technical offer (Profarma enclosed as Annexure-B)
7. Firms will have to provide documents such as operation Manuals, user manuals, software with CDs, circuit diagram and other relevant materials along with each equipment, free of cost.
8. Firms will have to train staff for handling/operation/servicing of the equipments/batteries without any charges.
9. In the event of any dispute arising out of or concerning this supply, the decision of Director General of Police, Telecom, UP/Addl. Director General of Police, Telecom, UP will be final.
10. Without prejudice to any other remedy provided by the law, any amount due from the supplier to the Government of UP, may be recovered by deduction from the bill raised or from the security money deposited.
11. At any stage, even after delivery if it is found that the make/model/specifications of the goods or materials supplied are different from the offered ones, order may be cancelled and penalty may be imposed accordingly, including black listing the supplier company/firm.
12. Supplier firm must have valid Dealer Possession License (DPL) for Radio equipment from the ministry of communication, Govt. of India.
13. The Bidder must provide the DMR associations membership certificate obtained from OEM.
14. The Digital Radio system should be confirming to DMR OPEN STANDARD/PROTOCOL floated by ETSI will be preferred. Venders should provide supporting documents to this effect.
15. The Bidder must provide the Interoperability certificate for the sets obtained from the OEM
16. The supplier firm will ensure and provide Compliance Certificate for the Technical Specification of Items quoted.
17. U.P. Police Radio Hqrs reserves the right to accept or reject any tender either in part or in full without assigning any reason thereof.
18. The supplier firm must have made at least three supply orders of similar items in govt. / semi Govt. offices in last three years.

## **2. CONDITIONS OF AGREEMENT**

1. The agreement is to last till \_\_\_\_\_ but in the event of any breach of the terms of agreement at any time on the part of the supplier the agreement shall be terminated summarily by the U.P. Police Radio Hqrs Mahanagar, Lucknow without any compensation to the supplier.
2. The goods or materials to be supplied under the agreements are to be of the same quality in every respect, equal and answerable to the patterns of sample demonstrated and approved by the U. P. Police Radio HQRS.
3. U.P. Police Radio HQRS may, by notice in writing, call upon the supplier to supply additional goods or materials to serve as samples, and on such notice in writing the supplier shall be bound to supply additional samples of goods or materials, such additional samples should be in all respects of the same quality of sort as the first sample supplied.
4.
  - (a) All rates are to be based on delivery, securely packed, and F.O.R., station nearest to suppliers or indenting Officer as asked for in the tender notice i.e. U.P. Police Telecom. Hqrs, Mahanagar, Lucknow.
  - (b) Railway freights, if pre-paid, shall be added to the original quotations.
  - (c) When goods are ordered **F.O.R.** the station nearest to supplier, the Indenting Officer may at his option direct that this shall be booked either by goods train or by passenger train and either at owner's risk or at railway risk. The supplier shall carry out his direction and shall, in any case, be responsible for the safe delivery of the goods soundly and securely packed to the Railway administration and shall obtain a clear receipts from such Railway administration, for the goods in evidence thereof. In the absence of a clear receipt, the suppliers will be held responsible for all damages or loss caused by breakage or leakage, which may occur to the goods while in transit and until they have been delivered to the consignee at railway station of destination.
  - (d) When goods are ordered **F.O.R.** station on destination, the supplier shall be required to bear all risks of loss, leakage or damage and shall deliver the goods in good order to the consignee at railway station of destination, mentioned in the indent in such quantities of number and within such times and in such manner as the Indenting Officer shall, from time to time, directed.
5. Unless, Specially ordered, all goods must be delivered to Radio Headquarters within 30 days of the receipts of supply order by the suppliers.
6. U.P. Police Radio HQRS or any of the experts attached to the Industries Department of the Indenting Officer or any other Officer or person duly authorized in writing by the U.P. Police Radio HQRS shall have power to inspect the stores before, during and after manufacture, collection, dispatch, transit of arrival and to reject the same or any part or portion, if he or they be not satisfied that the same is equal according to the sample of specifications in weights, quantity and number etc.
7. Goods, materials rejected or refused on the ground of inferior quality or any other ground shall be removed by the supplier at his own risk and expense within ten days after notice has been received by him of such rejection. In the event of non-removal by the supplier as aforesaid within the said period of ten days, it shall be lawful for the U.P. Police Radio HQRS to authorize the Indenting Officer to sell by public auction any rejected materials or goods and in such cases the supplier shall be credited with the sale proceeds thereof but will not be entitled to any loss or damage that may be occasioned by such sale. If the supplier firm is not satisfied with the decision of the authority rejecting or refusing the goods, he may appeal to the U.P. Police Radio HQRS within five days of the receipt of such notice, and the decision of the U.P. Police Radio HQRS, will be final in all cases.



8. The system of payment shall be as follows;

Bill in triplicate shall be sent by the supplier to the Indenting Officer and on receipt of these, the Indenting officer or his superior officer shall make payment. The suppliers may, however, for their own convenience send advance intimation for the amount of the bill to the Indenting Officer but no advance payment shall be made.

Payment shall ordinarily be made within one month of delivery. All payments shall be subjected to the deduction of any amount to which the supplier may be or render himself liable under the terms of this agreement.

9. Packing cases, containers, gunny packages, etc. which may be used for purposes of packing and which are delivered with stores will not be returned or paid for, unless specially stipulated.
10. The supplier firm shall not sub-let or assign this contract without the written permission of the U.P. Police Radio HQRS. In the event of the contractor sub-letting or assigning this contract without such permission, he shall be considered as having thereby committed breach of this contract.
11. In the event of the suppliers not being in strict accordance with these conditions or Supplies not being delivered within the time allowed, the U.P. Police Radio HQRS may recover from the contractor as liquidated damages and not by way of penalty the sum of one percent of the value of the said goods or materials for each and every day up to 25 days during which the articles to be supplied are not delivered or bad articles are not replaced. Further, it shall be lawful for the U.P. Police Radio HQRS or the Indenting Officer to purchase the required articles or any suitable quality obtainable in the open market at the risk and cost of the contractor, who in addition to the liquidated damages aforesaid shall be liable for any loss or damages caused by the said purchase. The U.P. Police Radio HQRS shall alone be entitled to adjudge upon the penalty or compensation or damages due for delay in performance, as also to adjudge upon the advisability of taking other suitable action. If the delay shall have arisen from any cause which the U.P. Police Radio HQRS may declare in writing to be a reasonable, such additional time may be allowed as may be considered necessary in the circumstances of the case. In such a case he may also forego the whole or any part of the aforesaid liquidated damages but not the other loss or losses.
12. In case of non-performance in any form or shape of the conditions of this agreement the U.P. Police Radio HQRS shall have power to annul, rescind or cancel the agreement and upon his notifying in writing to the supplier that he has so done, this agreement shall absolutely determine. He may also debar the firm for the Uttar Pradesh Police Radio Hqrs. contracts for such periods as he thinks fit.
13. In the event of any dispute arising out of or concerning this Agreement (except as to any matters the decision of which is specially provided for this Agreement), the same shall be referred to the arbitration of an arbitrator nominated by the U.P. Police Radio HQRS, Lucknow and an arbitrator nominated by the contractor, or in the case of the contractor or the said U.P. Police Radio Headquarters failing to nominate an arbitrator within the time fixed in the notice to be served on him by the said U.P. Police Radio Headquarters or the Contractor, as the case may be, by the arbitrator, nominated by the said U.P. Police Radio Headquarters and the contractor or in case of disagreement between the said arbitrators to an umpire appointed by them and the decision of such arbitrators or umpire, as the case may be, shall be final and binding on the parties. The arbitrators/arbitrator/umpire may from time to time with the consent of the parties enlarge the time for making and publishing the award.
14. Without prejudice to any other remedy provided by the law any amount due from the supplier to the Governor will be recoverable as arrears of land revenue and may also be recovered by deduction from any amount due from the supplier to the Governor on any account under any other transaction.

### 3) **TECHNICAL OFFER**

TENDER No.

The tenderer should furnish the following details to be pre-qualified for the price bid opening.  
(Note- Please strike off whichever is not applicable)

Sl	Description	To be filled by Tenderer	Reference Page No. of Tech. bid
1	Name of the organization		
2	Year of Incorporation		
3	Nature of organization		
4	Address of the Registered office of tenderer with phone number and fax No. & email		
5	Registration No.  VAT: CST: (Self-attested copy of the document to be attached)		
6	Audited balance sheet and income tax return statements of the just concluded year and the previous two years (documents to be attached)		
7	Letter of authority In the case of sole distributor (or) dealer the tenderer must enclose a letter of Authority (proforma enclosed as annexure-A) from the Principals as per condition No. 3 of <u>DOCUMENTS REQUIRED TO FILL TENDER FORM.</u>		
8	a Firms must enclose valid DPL for radio equipments from the ministry of communication, govt. of India		
	b DMR associations membership certificate obtained from OEM.		
	c The Digital Radio system should be confirming to DMR OPEN STANDARD/PROTOCOL floated by ETSI will be preferred. Venders should provide supporting documents to this effect.		
	d The Bidder must provide the Interoperability certificate for the sets obtained from the OEM		
9	Details of OEM/Dealer/Distributor Service Centre, to provide services for the supplied equipments in India(Address with phone number and fax number & e-mail)		
10	i Please mention make and model of the equipment /equipments /items being offered.		

	ii	Technical Specification - Enclose pamphlets with specification datasheet and mention the Website. Enclose required certifications and test reports as asked in the Technical Specifications.		
	iii	Mention 'Yes' or 'No' in front of required Technical Specification given along with the tender form by the Police Radio Hqrs.		
	iv	Minimum 10 persons of the organisation should be trained for operation/servicing of offered equipments free of cost.		
	v	The firm must provide warranty period of Minimum 2 years for radio communication test sets and one year its accessories.		
	vi	Supply documents such as operation Manuals, user manuals, software with CDs, circuit diagram and other relevant materials along with each equipment, free of cost.		
	vii	Supply trouble shooting and service manuals free of cost in numbers specified in BOQ .		
	viii	In case any fault occurs in any of the equipments during warranty period, the supplier firm shall make arrangement to repair or replace within 72 hours after intimation received or shall make stand-by arrangement to provide new equipments.		
	ix	All the trainings/after-sales/warranty services shall be provided at the consignee's address		
	x	The Tenderer is required to support the spare parts and accessories of the quoted item after warranty period for the next eight years.		
	xi	The Bidder must provide a declaration certificate on stamp paper of worth Rs. 100.00 duly notarized that they will support the quoted item for installation, testing and commissioning & maintenance for its prescribed life (Profarma enclosed as annexure-B)		
11	Name of the Government agencies and other organizations, to whom the supply of same Items were made in the preceding three years (enclose copy of major purchase orders and other documents)			
12	SOLVENCY certificate from a nationalized/ Scheduled bank.			
13	Earnest Money Deposited D.D. No: DATE : Name of the Bank: Amount (in Rs.):			
14	Detail of Tender form fee deposited			
	a) If form purchased through Cash (proof be attached)			

	b) If tender form downloaded then DD details (proof be attached) D.D. No : DATE : Name of the Bank : Amount (in Rs.) :		
15	Indicate your delivery schedule (against the various activities listed) Letter of award :D Signing of Agreement :D+ days Supply of equipments :D+ days		
16	½ % rebate will be allowed on timely payment i.e. within 30 days from the complete supply of material at Radio Headquarters .		

I/we hereby declare that I/We have read all the terms and condition of the tender documents and agree, abide by the same and by the decision of the purchaser as per these terms and conditions.

Company Seal

Signature  
(Authorized Signatory)

Name:

Date:

U.P. POLICE RADIO HEADQUARTERS

## 5. WARRANTY :

## **5) CHECK LIST FOR SUBMITTING OFFERS**

निविदा डालने के बारे में चेक लिस्ट (मुख्य बिन्दु)

क्र०	विवरण																						
1	दो अलग-अलग बन्द लिफाफों में टेक्नीकल बिड (ओरिजिनल एवं डुप्लीकेट), जिसमें Original Technical Bid के लिफाफे में ई0एम0डी0 लगी हो तथा दो अलग-अलग बन्द लिफाफों में फाइनेन्सियल बिड (ओरिजिनल एवं डुप्लीकेट)/उक्त चारों लिफाफे एक सीलबन्द बड़े लिफाफे में जिस पर निविदा संख्या, दिनांक व उपकरण का नाम एवं चेकलिस्ट के अनुरूप अभिलेखों की उपलब्धता अंकित हो ।																						
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4	Conditions of Agreement का प्रत्येक पृष्ठ Authorised signatory द्वारा नाम सहित हस्ताक्षरित करना तथा स्टैम्प लगाना ।																						
5	Guidelines/Instructions for preparation & submission of correct tenders में अंकित प्रत्येक बिन्दु के अनुपालन हेतु Tender form के प्रत्येक पृष्ठ Authorised signatory द्वारा नाम सहित हस्ताक्षरित करना तथा स्टैम्प लगाना ।																						
6	निविदा सूचना की शर्त के अनुसार रु० 100.00 के स्टाम्प पेपर पर फर्म एवं ऑफर किये जा रहे उपकरणों को काली सूची में न डालने विषयक शपथ-पत्र ।																						
7	निविदादाता द्वारा रु० 100.00 के स्टाम्प पेपर पर उनकी आपराधिक पृष्ठभूमि न होने तथा न ही किसी आपराधिक गतिविधि में सम्मिलित होने विषयक शपथ पत्र ।																						
8	निविदादाता द्वारा सम्पूर्ण टेण्डर डाक्यूमेंट पर पृष्ठ संख्या अंकित करना तथा प्रत्येक पृष्ठ समुह हस्ताक्षरित करना ।																						
9	निविदादाताओं द्वारा सम्पूर्ण टेक्निकल बिड के सम्बन्ध में (Index)इण्डेक्स बनाकर संलग्न करना ।																						
10	Name of govt. agencies with copy of supply order, to whom supplies of same items has been made in preceding three years.																						



**6) PROFORMA FOR AUTHORITY/UNDERTAKING LETTER**

We.....(Name of OEM) hereby declare that in respect of items/equipment tendered against tender notice no.-----dt.----- by.....(Name of tenderer firm) is our authorized..... (Relationship between the bidder firm and OEM). We undertake to ensure that -

1. We will support the quoted equipments for installation, testing, commissioning & maintenance including supply of spare parts for its prescribed life.
2. We will be accountable for any shortcomings/defects/substandard supplies/supplies not according to norms & will be accountable for quality of products.
3. Quoted items and we..... (Name of OEM) have not been blacklisted by any Government department/authority in the past.
4. We undertake to inform to U.P. Police Radio Headquarters in case any material change that take place in the above item/equipments/ agreement between OEM and dealer/distributer during the finalization/pendency of the contract.

**Signature**

**(For and on behalf of OEM)**

**Seal**

**7) DECLARATION**

We.....(Bidder Firm) hereby declare that in respect of items/equipment tendered, we against tender notice no.----- dt.-----, We are the authorized------(Relationship between the bidder firm and OEM) vide OEM's authority letter No.-----Dtd----- . We undertake ensure that -

1. We will support the quoted equipments for installation, testing, commissioning & maintenance including supply of spare parts for its prescribed life.
2. We will be accountable for any shortcomings/defects/substandard supplies/supplies not according to norms & will be accountable for quality of products.
3. Quoted items and we..... (Name of bidder) have not been blacklisted by any Government department/authority in the past.
4. We undertake to inform to U.P. Police Radio Headquarters in case any material change that take place in the above item/equipments/agreement between OEM and dealer/distributer during the finalization/pendency of the contract.

**Signature**  
**(For and on behalf of Bidder)**  
**Seal**

**8) TENTATIVE BOQ**

Item no.	Name of the Equipment	Qty	Offered (To be filled by Tenderer)	
			Make	Model
1	DIGITAL RADIO COMMUNICATION TEST SET	03		

U.P.POLICE RADIO HQRS

## 9) Technical Specifications of Digital/Analog Radio Test Set

Sl.	Parameter	Specifications
	<b>THE EQUIPMENT MUST CONSISTS OF:-</b>	
	1. RF SIGNAL GENERATOR	2. RF POWER METER
	3. AUDIO FREQUENCY COUNTER	4. SINAD METER
	5. DISTORTION METER	6. AUDIO FUNCTION GENERATOR
	7. TRACKING GENERATOR	8. OSCILLOSCOPE
	9. RF SPECTRUM ANALYZER	10. Digital Volt Meter (DVM)
	11. Frequency Error Meter	12. Signal Strength Meter
	13. Antenna and Cable Fault Locator	14. Frequency Counter
	15. DMR TEST Facility	16. OTHER DIGITAL TEST READY such as P25 Phase 1 and 2, TETRA Mobile Station, NXDN & DPMR
<b>1</b>	<b>GENERAL</b>	
a)	Operating Voltage :	100-240 VAC, @ 50Hz, DC: 24/12 V Internal / External, Facility should be Available.
b)	Display size	8" Full Color LCD or better
c)	USB and Ethernet port	should be available
<b>2</b>	<b>SIGNAL GENERATOR FOR RECEIVER TEST</b>	
a)	Frequency Range	250 KHz – 2.5 GHz or better
b)	Frequency Resolution	1 Hz or better
c)	Output level range	TR Port: -30 to 130 dBm or better Gen Port: +5 dBm to -95 dBm or better
d)	Resolution	0.1 dB or better
e)	Port Protection limit	Max Power TR Port: 50 W for 5 Minutes and 150 W for 30 Seconds
f)	Harmonics	-20 dBc max or better
g)	Non-Harmonics	-35 dBc max or better
<b>2.1</b>	<b>Modulation</b>	
a)	Selection Mode	AM, FM ,AMUSB ,AMLSB
<b>2.2</b>	<b>FM Modulation</b>	
a)	Deviation Range	0 to 75 KHz
b)	Deviation Accuracy and Resolution	5% of setting , 10Hz or better
c)	Modulation bandwidth	20 Hz to 20 KHz or better
<b>2.3</b>	<b>AM Modulation</b>	
a)	AM depth range	0 to 90% or better
b)	Accuracy	upto 5%
c)	Modulation Bandwidth	100 Hz to 10 KHz or better
d)	Resolution	1%
<b>3</b>	<b>Receiver(Transmitter test)</b>	
a)	Frequency Range	250 KHz – 2.5 GHz or better
b)	Demodulation selection	AM, FM
c)	Signal Code	1 KHz Tone, Private Line, Digital Private Line (W/ DPL Invert), Single Tone, DTMF, Two-Tone Paging, POCSAG and other signalling codes used as per the latest technology. External Inputs from both a supplied microphone and BNC input
d)	Sensitivity	Narrowband FM: Less than -25dbm for 10 dB SINAD
<b>3.1</b>	<b>Demodulation Measurements'</b>	
a)	FM Deviation	Up to ±75 KHz
b)	Accuracy	±5% plus peak residual FM
c)	Range	20 Hz to 20 KHz
d)	AM Deviation Range	0 to 100%
e)	Accuracy	±5% for levels below 80%
f)	AM rate	20 Hz to 20 KHz
<b>4</b>	<b>RF Power Meter</b>	
a)	Power Range	Broad Band; 0.1 W to 125 W or better
b)	VSWR	<1.2:1 @ f < 2GHz
<b>5</b>	<b>Audio Frequency counter</b>	
a)	Range	20 Hz to 20 KHz or better
b)	Wave shape	sine or square
<b>6</b>	<b>SINAD Meter</b>	
a)	Frequency Range	300 Hz to 3 KHz or better
b)	Accuracy	±1 dB @ 12 dB SINAD
<b>7</b>	<b>Distortion Meter</b>	
a)	Distortion Range	1% to 20% or better
b)	Frequency Range	300 Hz to 3 KHz
<b>8</b>	<b>AUDIO FUNCTION GENERATOR(S)</b>	
a)	Modulation Type	1 KHz Tone, Private Line, Digital Private Line (W/ DPL Invert), Single Tone, DTMF, Two-Tone Paging, POCSAG and other signalling codes used as per the latest technology. External Inputs from both a supplied microphone and BNC input.
b)	Frequency Range Sine:	300 Hz to 3 KHz or better
c)	Level range	±8 V peak or better

<b>9</b>	<b>OSCILLOSCOPE</b>	
a)	Frequency range (vertical)	0 to 50 KHz or better
b)	Input range (vertical)	±100 VDC, ±70 Vrms AC
c)	Accuracy(vertical)	5% of full scale
d)	Marker functions	Delta Voltage, Delta Frequency, Delta Period
<b>10</b>	<b>RF Spectrum Analyzer</b>	
a)	Frequency Range	250 KHz –2.5GHz or better
b)	Freq Resolution	1 Hz
c)	Span Accuracy	5%
d)	Resolution bandwidth (RBW) filter	Auto Selected
e)	Video Bandwidth (VBW)	Auto Selected
f)	Dynamic Range	80 dB or better
<b>11</b>	<b>Tracking Generator</b>	
a)	Tracking generator output	Frequency Range: 250 KHz –2.5 GHz or better
<b>12</b>	<b>Digital Voltmeter (DVM)</b>	
a)	Voltage Range	1 V, 10 V, 70 V
b)	Frequency Range	50 Hz to 20 KHz
<b>13</b>	<b>Auto Tune &amp; Alignment Facility</b>	Instrument should have Auto Tune & alignment facilities for DMR Radio
<b>14</b>	<b>Environment and Safety Standard</b>	
a)	Operating temperature	0° to 50° C
b)	Storage Temperature	-30° to +80° C
c)	Relative humidity	80% maximum relative humidity
<b>15</b>	<b>DMR Radio Technology</b>	
a)	RF signal generator	250 KHz –2.5GHz or better
b)	Output level	same as in case of signal generator
c)	Modulation	4-FSK
d)	Test pattern	STD IB 1031, STD IB CAL , STD IB 511 (.153)
e)	Duplex radio /Repeater	Testing facility should be available
f)	Vocoder test	Vocoder Testing facility should be available
<b>15.1</b>	<b>DMR Measurement</b>	
a)	FSK-Error	Test facility should be available
b)	Range	0.01%
<b>15.2</b>	<b>Protocol</b>	
a)	Decode	Color code, call id, unit id
b)	Simulation	Color code, call ID
ii)	<b>Magnitude Error</b>	Facility to test Magnitude Error should be available
iii)	<b>UUT/TX/RX bit Error rate</b>	Facilities to test BER of Transmitter and Receiver of DMR Radios
<b>16</b>	<b>Accessories</b>	All required accessories for testing all parameters of Equipment and User / Maintenance Manual must be provided
		BNC Male to TNC Male cable
		N Male to BNC Female Adapter
		TNC Male BNC Female Adapter
		Operational manual Hard/Soft copy
		Power cord
		Technical Manual Hard/Soft copy
		Antenna
		Microphone
		Oscilloscope Probe
		24 V to 12 V converter
		Soft carry case
		Remote front panel
	<b>OTHERS</b>	
a)	Calibration support	Service and NABL accredited Calibration facilities should be available in India free of cost during the guarantee/warranty period.
b)	Field upgradation	a) The product should be field up-gradable to other Digital Technologies such as P-25 Phase-I & II testing, NXDN, DPMR and Tetra Mobile station. b) The equipment should be capable of performing tests of digital/analog radio set and contain all functionalities in one standalone unit.