



***Tender***

*for*

**Supply of Communication Equipment with Accessories  
and Ancillaries (Digital Handheld/Base Radios/Repeaters  
equipment)**

**for**

**Director - Police Communications  
Telangana**

**February 2018**

**Prepared By**

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## Section – 1. Invitation to Open Competitive Bids

### 1.1 Introduction

TSTS on behalf of the Director- Police Communications, O/o DGP –Telangana State issues OCB tender call notice from the experienced and reputed firms/agencies including Original Equipment Manufacturers (OEM), Solution Providers having proven expertise in supply of Communication Equipment with accessories and ancillaries (Digital Handheld/Base Radios/Repeaters equipment). The firms / agencies should have after sales & service facilities at Hyderabad City and should have technical competency in using latest available technologies.

Bidders are advised to study the Tender document along with corrigendum issued (if any) and Terms & Conditions carefully and completely. Submission of Bids shall be deemed to have been done after careful study of Tender document and examination of Terms & Conditions with full understanding of its implications.

### **1.2 Tender Schedule:**

Time schedule of various Tender related events:

Bid calling date	09.02.2018
Pre bid meeting	14.02.2018 @ 12:00 PM in PCS Conference hall, O/o ADGP(Technical Services), O/o DGP-Telangana, Lakdikapool, Hyd
Bid Submission closing date/time	23.02.2018, 03-00PM on eProcurement portal.
PQ Bid opening date/time	23.02.2018, 03-00PM
Technical Bid Opening date/time	Will be informed to the PQ qualified bidders subsequently
Bid Document Fee	<b>Rs. 25,000/-</b>
Contact Mail ids:	mngdirector-tsts@telangana.gov.in; dig_commns@tspolice.gov.in; dspcinst@pco.tspolice.gov.in; rpushpa-tsts@telangana.gov.in;
Reference No.	TSTS/CS/DGP-PC-DMR/2017- Phase-II

For full details regarding Tender notification, please visit [tender.telangana.gov.in](http://tender.telangana.gov.in) , [www.tsts.telangana.gov.in](http://www.tsts.telangana.gov.in), and on eProcurement portal, the tender document shall be available under department 'TGTS'.

**Managing Director, TSTS**

## Section – 2 Scope of Work

**Scope of Work :** Supply of Digital VHF Hand held radios/Mobile/Static Radios and Repeater equipment with accessories and ancillaries and necessary software/ Licenses to the Director-Police Communications , Telangana State.

### Bill of Quantity

S.No.	Item	Qty. in Nos.
1.	VHF/UHF Digital Hand Held Transceiver with GPS with 2000 or more Mah Li-Ion Battery with BIS Certification, Helical antenna, Belt Clip & Operation manual with Rapid Charger & Spare 2000Mah or more Li-Ion Battery with BIS Certification	1001
	Programming kit for Handheld radios	40
	Original copy of Technical/Service manual by OEM for handhelds	40
	6 Position Battery chargers	50
2.	VHF/UHF Digital Static/Mobile Transceiver with GPS, Microphone, Battery cable	218
	Programming kit for Mobile radios	25
	Original copy of Technical/Service manual by OEM for mobiles	40
3.	VHF/UHF Digital Repeater DTMF with power cable and duplexer	21
	Programming kit for Repeaters	15
	Original copy of Technical /Service manual by OEM for Repeaters	40

### 2.1. Project Milestones & Time Schedules

#	Deliverable	Timelines
1	<b>Event:</b> Supply of All the Items <b>Deliverable:</b> Delivery, Acceptance of Delivery Challan, User Acceptance Report signed by the relevant authority in the Institution and configuration details of items installed.	Within 20 Days from the Date of issue of Notification of Award/Lol.

### 2.2. Payment Terms and Schedule:

#.	Event	Deliverables	Payment
1	Supply of all equipment with accessories and ancillaries	Delivery, Acceptance of Delivery Challan, User Acceptance Report signed by the relevant authority in the Institution and configuration details of items installed.	<b>100 % of contract value.</b>

- a. Payments shall be made by TSTS/User Department to the successful Bidder subject to completion of milestones and verification & approval of the work / performance as per metrics in SLA by the competent authority.

- b. All remittance charges will be borne by the supplier/ selected bidder.
- c. In case of disputed items, disputed amount shall be withheld and will be paid only after settlement of the dispute. Advance Payments will not be made.
- d. Any penalties/liquidated damages, as applicable for delay and non-performance, as mentioned in this bidding document, will be deducted from the payments for the respective mile stones.
- e. Taxes (work contract tax, service tax, VAT, income tax, etc.), as applicable, will be deducted at source, from due payments, as per the prevalent rules and regulations.
- f. The following certificates should be furnished on each copy of the bill
  - i. Certified that the goods for which sales Tax has been charged have not been exempted under the Central Sales Tax Act or the State Sales Tax Act or Rules made there-under. The amounts charged on account of Sales Tax on these goods not more than what is payable under the provisions of the relevant Act or the Rules made there-under.
  - ii. Certified that the goods on which Excise Duties have been claimed in this Bill have not been exempted under Central Excise Act or Rules made there-under and the amounts charged on account of Excise Duties of the goods are not more than what are actually paid to the Excise Department.
  - iii. Where the Excise Duty is claimed by the firms, the Gate passes should invariably be enclosed to the connected bills. In the absence of Gate pass, the Excise Duty claimed by them cannot be admitted.
  - iv. A certificate from the manufacturer should be produced regarding the amount of Excise Duties liable on each unit of the supply that is being actually paid by the manufacturer to the Excise Department

### 2.3 Warranty

- i. Warranty period is for **3 Years** from the date of acceptance of the supplied equipment mentioned in RFP.
- ii. The bidder should establish Service and Maintenance Centre in Hyderabad for DMR Radios.

### 2.4 Spares:

- i. The Firm should provide spares for the equipment at least for **ten years** from the date of supply of equipment
- ii. The bidders should arrange for supply of spare parts for the devices from the authorised source/OEM. The list of such spare parts which can be supplied to be included in the technical bid along with the OEM authorization letter.

## 2.5 Training :

- i. The Firm should give training on the equipment familiarization at least for **Twenty five (25) members** of the department on **free of cost**.
- ii. During training, the participants should be given training and hands on practice on 'installation of a model network', along with total features.
- iii. At the time of equipment installation, the firm should render necessary assistance for establishing the total network, on **free of cost**.

## 2.6 Packing and Manufacturing:

Packing and Manufacturing should be original with clear firm (OEM) marking.

## 2.7 General Conditions :

- Rates quoted by the firms should be on full piece basis.
- Firms should clearly indicate different taxes and duties, which they propose to charge. Offers with such stipulations like 'as applicable' will be treated as vague and are liable to be ignored.
- Bidders should disclose the name and full address (along with telephone, Fax No. and e-mail etc.) of the place where the stores will be manufactured and offer for inspection. In case the firm is registered, they should clarify whether they are registered as a Manufacturing unit or in any other capacity. In case the registration is as a manufacturer, they Should indicate the registration number & place of registration with full address/phone no. of their manufacturing facility.
- Purchaser reserves the right to increase or decrease the quantity at any stage.
- Purchaser reserves the right to change the consignee and change the quantity of stores allotted to them. Purchaser reserves the right to scrap the tender without assigning any reasons at any stage.
- Purchaser reserve the right to get the manufacturing capacity of all the firms verified Irrespective of their registration status.

## 2.8 TENDER SAMPLE REQUIREMENT:

- All the bidders are required to submit samples as mentioned item wise in **Section – 5** of tender document along with the Technical brochures and the copy of duly signed Technical Compliance Report for the equipment quoted for evaluation on or before of Pre-Qualification bid opening date.
- All Items should be supplied with selvedge, description " \_\_\_\_\_ ".
- **DEMONSTRATION OF PRODUCTS FOR TECHNICAL EVALUATION.**

The Pre-qualified firms will be required to demonstrate the Equipments/products offered by them before a committee of officers (to be detailed by DPC, TS, Hyd. for

assessing the technical suitability and performance of the equipment as per tender Enquiry Specifications).

- The Tenderer/OEM should bear the testing charges if any, which will be intimated at a later date. The Tenderer/OEM should make his own arrangements to deliver the sample to the said destination.
- If any lab test is required during the demonstration process the cost of equipment and lab test fees have to be borne by the firm. If their equipment/ product is not found as per tender Enquiry Specifications, their offers are liable to be rejected.
- Price bids of only those firms whose technical bid as well as performance of their equipment/products so demonstrated are found acceptable as per TE will be opened. Sample/product so demonstrated have to be deposited with the purchaser for further comparison with bulk supply which will be returned on request of the firm after completion of supply. If the supply is found inferior the entire consignment will be rejected at the cost, risk and freight of the supplier.
- The price bid of eligible firms will be opened and order would be considered on the lowest bidder(s) subject to their capacity and performance etc.
- Only reputed Manufacturers or their authorized Dealers of the stores specified in Tender Specifications as brought out **Section-5** of Tender document should respond. In countries where manufacturers are authorized to export the equipment only through their authorized Dealers, Govt. marketing agencies, such agencies allowed to bid. The Bidder must furnish certificate with their tender from manufactures and their Govt. certifying authenticity as above, failing which their tender will be summarily rejected. The foreign manufacturers of the tendered store will also have to give details in the tender document of the after-sales-service to be provided after expiry of warranty period.
- Upgradation of Software/Firmware of the equipment, if any, need to be done at free of cost during the period of warranty
- Offer from firms whose business activities are limited to procuring items from manufacturers, both Indian and foreign and supplying the same to purchaser having no after sales service back up will not be entertained.



## Section – 3 Pre-Qualification Criteria

### **3.1 Pre-Qualification criteria:**

Bidders having sufficient experience in the proposed are invited to submit proposal in response to this tender request who meet the following Pre-qualification criteria:

#	Pre-Qualification Criteria	Supporting Documents to be submitted
1	<p><b><u>Legal Entity</u></b> Bidder must be a corporate in India registered under Company's Act 1956; or a firm registered under any other Government body and must have completed 5 years of existence in India.</p> <p>Should be registered with the Sales/VAT &amp; Service Tax Authorities.</p>	<p>i) Attested copies of rules and regulations of registered firm and Certificate of Registration of the Firm / Company, partnership deed (in case of partnership)</p> <p>ii) Copies of Sales/VAT &amp; Service Tax Registration certification</p> <p>iii) Copy of Firm PAN Card</p>
2	<p>Bidder should be a manufacturer/ whole sale dealer/ Authorized representative of a manufacturer and should be in business of manufacture and or supply and maintenance of the offered items in India as on bid calling date. Bidders should disclose the name and full address (along with telephone/Fax No.) of the place where the stores will be manufactured and offer for inspection. In case the Company is registered, they should clarify whether they are registered as a Manufacturing unit or in any other capacity. In case the registration is as a Manufacturer, they should indicate the registration number &amp; place of registration with full address/phone no. of their manufacturing facility</p>	<p>The Manufacture Authorization Form duly indicating the registration number &amp; place of registration with full address/phone no. of their manufacturing facility for the items to be submitted in PQ Bid valid for the said tender.</p> <p><b>Note:</b> The bidder should submit 'Single' MAF for all item/items. Multiple MAFs for same item is not allowed &amp; lead to dis-qualification.</p>
3	<p><b><u>Turnover</u></b> Bidder should have minimum annual turnover of Rs. 2.50 cr. in last 3 years i.e., Financial Years 2014-15, 2015-16 and 2016-17 from Safety &amp; Security / Supply &amp; Maintenance of Radio Communication Devices domain.</p> <p>Should be a profit making company and with positive net worth</p>	<p>i) Audited Balance sheet for each financial year.</p> <p>ii) Certificate from the Statutory Auditor</p>

4	<p><b><u>Past Experience</u></b></p> <p>i) Bidder should have experience in supply, installation &amp; maintenance of minimum 2000 Nos. of Digital Mobile Radio devices along with accessories in the last 3 FY i.e. 2014-15 to 2016-17 for any PSU/ State/ Central Govt./ Police /Defence departments in India.</p> <p>ii) The total value of orders should be more than Rs. 3 crores.</p>	<p><i>Bidder should submit the following:</i></p> <p>i) Purchase/Work orders Copy &amp; Contract Agreement</p> <p>ii) Work completion &amp; satisfactory certificate from the client. Satisfactory certificate also should indicate the connectivity to the central control room.</p>
5	<p><b><u>Local Presence</u></b></p> <p>Bidder should have local office as on date of bidding.</p> <p><u>Note:</u> An undertaking in this regard should be submitted on the company letter head.</p>	<p>Self-certified Address on Letter head to be submitted.</p> <p><i>If the Bidder is not having local presence, it has to open a local office within 15 days from the issue of LOI and same must be communicated to TSTS for future correspondence.</i></p>
6	<p><b><u>Blacklist</u></b></p> <p>Bidder/OEM shall not be black listed by any State / Central Government departments, Ministry or Agency for breach of Contractual conditions as on Bid Calling date. The Bidder should also not be entangled in any legal disputes with any Govt./PSU body.</p>	<p>Self-Declaration Certificate on Letter Head by authorized signatory that the Bidder/OEM is not black listed and is not in any legal disputes as on the bid calling date to be submitted in the bid duly signed by the authorized signatory.</p>
7	<p><b>Product Declaration:</b> The products quoted should not be declared as end of life at the time of delivery and OEM should support the products quoted for at least 10 years.</p> <p><i>Samples submitted and models quoted should be of latest manufacturing i.e. produced after 01.01.2016.</i></p>	<p>A letter to this extent from OEM is to be attached as a confirmation. The bidder to submit the declaration letter as per format in PQ forms</p>
8	<p><b>OEM:</b></p> <p>The DMR device OEM or its Authorized Dealer/ Distributor's should have authorized service centres in India for after sales support. The bidder should submit list of OEM authorized service centres on OEM letter head in the PQ bid.</p>	<p>Valid supporting document should be submitted</p>

*The participating bidders should meet the above criteria and the PQ forms, Technical Forms & Financial Forms are to be submitted separately. Relevant documents in support of above with due attestation of the competent authority should be furnished along with the bid documents.*

- In countries where manufacturers are authorized to export the equipment only through their authorized Dealers, Govt. marketing agencies, such agencies can also participate in the tender.
- The Bidder must submit relevant document / certificate in the PQ bid issued by manufacturers/OEM and their Govt. certifying authenticity as above, failing which their tender will be summarily rejected.
- Consortium bid not allowed
- Sub-contracting of any part of the project is not permitted
- Bids from firms/bidders whose business activities are limited to procuring items from manufacturers/OEM (both Indian and foreign) and supplying the same and not having after sales service back up will not be considered /entertained.
- TSTS/ User Department reserves their right in not considering the bid of a bidder, if such bidder is a previous supplier and had a past bad track record or their earlier performance was unsatisfactory on any count or they do not possess required experience in undertaking the work.
- Representations received from the bidders within 3 days from the date of opening of technical bids on the issues related to Pre-qualification/Technical bids evaluation and within a day from the date of opening of commercial bids on the issues related to the commercial bid evaluation will only be accepted. Representations received beyond this period will not be considered and strictly rejected.
- *Relevant supporting documents (ink signed) should be furnished without fail otherwise the bid is liable to be treated as "non responsive".*
- The bidder should upload all the required documents with clear visibility, avoid missing documents and avoid bidding mistakes. In such cases, TSTS reserves its right in seeking clarification from the service provider and may disqualify the service provider for the bidding mistakes, missing documents and for the documents that are not clear.
- Deviation from this shall be treated as termination of contract and shall attract the liability as specified in the Tender.

## Section- 4 Other Important Conditions

### 4.1. Statement of Important Limits /values related to bid:

S.No	Item	Description
1	EMD (DD/BG)	Rs. 5,00,000/- to be drawn in favour of "The Managing Director, Telangana State Technology Services Limited" from any Nationalized Bank. Note: Scanned copy of EMD document should be uploaded on e-Procurement website. The Original Copy of EMD should be submitted to TSTS before bid closing date duly taking acknowledgement.
2	Bid Validity Period	90 days from the date of opening of bids
3	EMD Validity Period	<b>EMD Validity Period:</b> For Demand Draft (DD)/Bank Guarantee(BG): The validity period should be 3 months from the date of issue of DD/BG. The DD/BG issue date shall be later than bid calling date. If required, the same need to be extended for further period.  DD/BG from Cooperative banks are not acceptable
4	Warranty Period	3 years Comprehensive warranty from date of acceptance of the equipment.
5	Variation in quantities	+/- 25%
6	Period for furnishing performance security	Within 7 days from date of receipt of Notification of Award/Lol
7	Performance security value /Performance Bank Guarantee	10% of Contract Value in favor of "The Managing Director, Telangana State Technology Services Limited" from any Nationalized Bank
8	Performance security validity period	60 days beyond warranty period
9	Period for signing contract	Within 7 days from date of receipt of Notification of Award
11	Payment terms	As mentioned in Section 2.
12	LD for late deliveries	1% of value of item/s of the late delivered or deemed late delivered goods for One week or part thereof, 1.5% of value of item/s for Two weeks or part thereof, 2% of value of item/s for Three weeks or part thereof, 2.5% of value of item/s for 4 weeks or part thereof and so on.
13	Maximum LD for late deliveries	If the finalized Tenderer/OEM fails to supply of the equipment within the specific period, the department may resort to cancellation of the said order and to place order with next lowest Tenderer/OEM. In such an eventuality, the defaulting firm/Tenderer/OEM will be required to make good any loss which the Department may incur besides paying specified penalty. Maximum LD for late deliveries: 10% on the Total value of

		goods for that location/site for late delivery/installation or deemed late delivered goods. If required, action will be taken against the firm to <b>Blacklist</b> it and also for forfeiture of its security deposit.
14	Penalty for failure to maintain during warranty period for all items.	In case the down time is more than 48 hours for each equipment, penalty of Rs.2000/- per day for the equipment will be imposed <b>subject to a maximum of total equipment cost</b> and supplier has to sign the Service Level Agreement (SLA) to this effect.  The penalty amount will be deducted from the amounts payable to the bidder by TSTS/User department. Once this amount is exhausted, penalty amount will be recovered from the Performance Security. Once the Performance Security also exhausted, the bidder will be required to recoup the Performance Security. If the bidder fails to recoup the Performance Security, the bidder will be debarred from participating in tenders till the time he recoups the Performance Security.
15	Conditional bids	Not acceptable and liable for rejection. Also liable for forfeiture of EMD.
16	Transaction Fee	Transaction fee: All the participating bidders who submit the bids have to pay an amount @ 0.03% of their final bid value online with a cap of Rs. 10,000/- for quoted value of purchase up to Rs.50 crores and Rs.25,000/- if the purchase value is above Rs.50 crores& service tax applicable 15% as levied by Govt. of India on transaction fee through online in favour of MD, TSTS. The amount payable to TSTS is non-refundable.  Corpus Fund: Successful bidder has to pay an amount of 0.04% on quoted value through demand draft in favour of Managing Director, TSTS, Hyderabad towards corpus fund at the time of concluding agreement.
17	Transaction Fee Payable	The Managing Director, TSTS, Hyderabad
18	Bid submission	On Line. Bidders are requested to submit the bids after issue of minutes of the pre bid meeting duly considering the changes made if any, during the pre-bid meeting. Bidders are totally responsible for incorporating/complying the changes/amendments issued if any during pre-bid meeting in their bid.
19	Procedure for Bid Submission	<b>Bids shall be submitted online on <a href="http://www.eprocurement.gov.in">www.eprocurement.gov.in</a> platform only.</b> 1. The participating bidders in the tender should register themselves free on e-procurement platform @ <a href="http://www.eprocurement.gov.in">www.eprocurement.gov.in</a> . 2. Bidders can log-in to e-procurement platform in Secure mode only by signing with the Digital certificates. 3. The bidders who are desirous of participating in e-procurement shall submit their technical bids, price bids as per

		<p>the standard formats available at the e-market place.</p> <p>4. The bidders should scan and upload the respective documents in Pre-Qualification and Technical bid documentation as detailed at Section E &amp; G of the RFP including EMD. The bidders shall sign on all the statements, documents certificates uploaded by them, owning responsibility for their correctness/authenticity.</p> <p>5. The rates should be quoted in online only</p>
20	Other conditions	<p>1. Failure to furnish /uploaded documents, certificates, will be entitled in rejection of the bid.</p> <p>2. TSTS shall not hold any risk on account of delay/error during bid submission on e-procurement platform. Similarly, if any of the certificates, documents, etc., furnished by the Bidder are found to be false / fabricated / bogus, the bidder will be disqualified, blacklisted, action will be initiated as deemed fit and the Bid Security will be forfeited.</p> <p>3. TSTS will not hold any risk and responsibility regulating non-visibility of the scanned and uploaded documents.</p> <p>4. The Documents that are uploaded online on e-market place will only be considered for Bid Evaluation.</p> <p>5. TSTS Shall not receive any physical bids.</p> <p>6. TSTS shall receive the EMD Original copy in sealed envelope at the time of bid closing.</p> <p>In the endeavor to bring total automation of processes in e-Procurement, the Govt. has issued orders vide G.O.Ms.No. 13 dated. 5.7.2006 permitting integration of electronic Payment Gateway of ICICI/HDFC/Axis Banks with e-Procurement platform, which provides a facility to participating suppliers / contractors to electronically pay the transaction fee online using their credit cards.</p>

## Section- 5 Technical Specifications

The specifications provided are indicative, however, Bidders proposing products with equivalent specifications or higher specifications will also be accepted” for better representation from all Bidders.

Note: The bidders are requested to submit 1 sample each of items mentioned in this section along with 2 sets of repeaters as part of the bid on bid closing date. Remaining samples as required/specified for Technical Demonstration should be arranged for Technical PoC.

**Item 1: H/B VHF/UHF Digital Hand Held Transceiver DMR Technology, Tier - II with GPS encryption, , Helical antenna, Belt Clip & Rapid Charger with One Spare 2000 maH or more**

### Specifications for Digital Handheld sets

GENERAL	SPECIFICATIONS
Frequency Range	136 to 174 MHz
TDMA	2 – Slot
Channel Capacity	255 or more
Channel Spacing	12.5 KHz
Operating Voltage	7.2V to 7.5V( rated ) with Li-ion rechargeable battery of capacity 2000mAh or higher capacity with BIS certification. <i>Bidder has to submit copy of valid BIS certification (or) submit the copy of the Application submitted for BIS certification along with the bid. However, BIS certificate should be submitted to opening of financial bids.</i>
Average battery life for 5/5/90 duty cycles	Digital : 10 hrs or more Analog: 8 hrs or more
Frequency Stability	± 1.5 PPM or better
Antenna Impedance	50Ω
Weight	Light in weight
Display	Minimum 4 rows LCD must support multi function alphanumeric with back light or better
Inter operability	Interoperability certificate* has to be provided by OEM for quoted model with TDMA based DMR Tier-II Radios in <b>non encrypted mode</b> .
Encryption	1.High grade AES 256 bit Digital Encryption module built in/plug in type for secrecy. 2.Programmable key management facility
Selector Knobs	Exclusive knobs for volume control and channel selection
<b>TRANSMITTER :</b>	
RF Power Output	1 to 5 Watts ( programmable )
Modulation Limiting	±2.5 KHz
FM Hum & Noise	-40 db or better
Adjacent Channel Power	-60 dBc or better
Audio Response	+1, -3db
Digital Vocoder	AMBE ++

<b>RECEIVER :</b>	
Sensitivity ( Analog )	0.35 $\mu$ V ( 12db SINAD ) or better
Sensitivity ( Digital )	0.30 $\mu$ V at 5% BER or better
Adjacent Chanel Selectivity	60 db or better
Inter-modulation	65 db or better
Audio Output	Minimum 500 milli Watt
Audio Distortion	3 % or better
<b>ENVIRONMENTAL SPECIFICATIONS:</b>	
Operating Temperature	-30°C to +55°C
Storage Temperature	-30°C to +60°C
Humidity	95% non-condensing (-20°C to +60°C)
Environmental specifications	<b>MIL-STD- 810 F or better supported with a certificate from authorized lab</b>
Applicable IP standards	IP 57 or higher
<b>FEATURES :</b>	
GPS capability	Should have built in GPS, necessary hardware, software shall be provided that is required for making radios "GPS enabled" and for receiving and extracting GPS data/ information for the use of locations tracking purpose and show Automatic Vehicle location on Google map (Including license if any).
Roaming facility	Should have built in Roaming feature and must be enabled. Should be capable of auto roaming from one site to another within the IP Multi-site Connect system without channel changing. Roaming function can be enabled or disabled via the programmable keys or the menu, the users can not only control when and where the mobile terminal roams, but also disable this feature to a specific site, or keep roaming to choose a proper site.
Message facility	Text messages and predefined message
<b>INDICATORS:</b>	
Battery strength indicator	<ul style="list-style-type: none"> <li>• Bar indicator or digital readout</li> <li>• Alert for "Low Battery" and beep with certain time intervals</li> </ul>
Signal strength indicator	Bar indicator or digital readout
Encryption	Encryption On/Off
Mode of operation	Analog and Digital
<b>FEATURES :</b>	
1.Simple Press to talk	
2.Group call, All call, individual call	
3.Time out Timer (TOT)	
4.Continuous Tone Coded Squelch System	
5.Any one of 2-Tone/5-Tone/DTMF signaling	
6. Busy channel lock out	
7.Selective call decode	
8.Capable of VOX hand free operation	
9.PTT ID Encode	



10.Channel Scanning	
11.Emergency SOS/SIREN	
12.Talk around mode	
13.Automatic Number Identification(ANI)	
14.Text messages and predefined messages	
15.Capable to Kill/Un-Kill	
16. Over the air programming	
17.Power level Low/High front panel switchable with soft key	
18. Simultaneous Voice and Data Transmission,	
19. Simultaneous functioning of Two different groups through single Carrier in Digital Mode through Repeater	
<b>ADDITIONAL FEATURES IF ANY :</b>	
<b>LIVE DEMONSTRATION OF THE EQUIPMENT :</b>	
The bidder should bring <b>Six Nos.</b> of Handheld sets of offered make and model, Required Test jigs, Hardware/Software, cables, required for showing the Technical Specifications of the equipment quoted as per Tender Schedule and also for demonstrating the Features and full functionality of the equipment.	
Programming the above Six Handheld sets to work in Analog and Digital Modes in Simplex <b>and Repeater frequencies.</b> The above Six Handheld sets have to be programmed to work in Group (A), Group (B), Group (C) and All Group etc. Each group consists of <b>Two Handheld sets.</b>	
The bidder should demonstrate all the analog technical parameters and digital features along with IP connectivity for inter site operation.	
Warranty	<b>3 years on site comprehensive warranty on Radios along with accessories from date of acceptance. Standard warranty on batteries i.e. 18 months.</b>
Training	Necessary Technical Training regarding... <ul style="list-style-type: none"> <li>• Configuration of the Handheld sets,</li> <li>• Operational, Repairing and maintenance.</li> </ul> The Training shall be given to <b>25 Technical persons</b> for Two weeks.

**To be supplied along with:**

- Programming kit for H/B VHF Digital Hand Held Transceiver DMR Technology, Tier – II
- **50 nos of 6** Position battery chargers for H/B VHF Digital Hand Held Transceiver DMR Technology, Tier – II
- Original copy of Technical/Service manual by OEM for H/B VHF Digital Hand Held Transceiver DMR Technology, Tier – II

\*OEM/DMR association has to certify Interoperability of quoted model in non-encrypted mode. The bidder has to submit the copy of certificate in the bid.

**Item 2: H/B VHF/UHF Digital Static/Mobile Radio DMR Technology, Tier - II with GPS, Encryption, DTMF Microphone(Alphanumeric), Battery cable**

**Specifications for Digital Static/mobile sets**

<b>GENERAL</b>	
Frequency Range	136 to 174 MHz
TDMA	2 – Slot
Channel Capacity	255 or higher
Channel Spacing	12.5 KHz
Operating Voltage	10.8 to 15.6 V DC
Frequency Stability	± 1.5 PPM or better
Antenna Impedance	50Ω
Communication interface	accessory connector
Weight	Light in weight
Display	Minimum 4 rows LCD must support multi function alphanumeric with back light or better
Protection	Reverse polarity and High VSWR
Encryption	1. High grade AES 256 bit Digital Encryption module built in/plug in type for secrecy. 2.Programmable key management facility
Signaling system	2 tone / 5 tone or DTMF
Inter operability	Interoperability certificate* has to be provided by OEM for quoted model with TDMA based DMR Tier-II Radios in <b>non encrypted mode</b> .
<b>TRANSMITTER</b>	
RF Power Output	5 to 25 Watts ( programmable )
Modulation Limiting	±2.5 KHz
FM Hum & Noise	-40 db or better
Adjacent Channel Power	-60 dBc or better
Audio Response	+1, -3db
Digital Vocoder	AMBE ++
<b>RECEIVER</b>	
Sensitivity ( Analog )	0.35 μV ( 12db SINAD ) or better
Sensitivity ( digital )	0.30 μV at 5% BER or better
Adjacent Chanel Selectivity	60 db or better
Inter-modulation	65 db or better
Audio Output	Minimum 3Watts
Audio Distortion	3% or better
<b>ENVIRONMENTAL SPECIFICATION</b>	
Operating Temperature	-30°C to +55°C
Storage Temperature	-30°C to +60°C
Humidity	95 % non-condensing(-20°C to +60°C )
Environmental specifications	<b>MIL-STD- 810 F or better supported with a certificate from authorized lab</b>

Applicable IP standards	<b>IP 54 or Better</b>
<b>FEATURES</b>	
GPS capability	Should have built in GPS, necessary hardware, software shall be provided that is required for making radios “GPS enabled” and for receiving and extracting GPS data/ information for the use of locations tracking purpose and show Automatic Vehicle location on Google map.
Roaming feature	Should have built in Roaming feature and must be enabled. Should be capable of auto roaming from one site to another within the IP Multi-site Connect system without dropping connection. Roaming function can be enabled or disabled via the programmable keys or the menu, the users can not only control when and where the mobile terminal roams, but also disable this feature to a specific site, or keep roaming to choose a proper site.
Message facility	Text messages, predefined message and DATA Communication (one radio to one radio)
Signal strength indicator	Bar indicator or digital readout
Mode of operation	Analog and Digital
<b>OTHER FEATURES</b>	
1.Simple press to talk, Group call, All call, Individual call	
2.Continuos Tone Coded Squelch System	
3.Any one of 2-tone/5-tone/DTMF signaling	
4. Busy channel lock out	
5.Selective call decode	
6.Time out Timer(TOT)	
7.PTT ID Encode	
8.Channel Scanning	
9.Emergency SOS/SIREN	
10.Talk around mode	
11.Automatic Number Identification(ANI)	
12.Text messages ,predefined messages and DATA communication( one to one)	
13.Capable to kill/Un-kill	
14. Over the air programming	
15. Simultaneous Voice and Data Transmission,	
16. Simultaneous functioning of Two different groups through single Carrier in Digital Mode through Repeater.	
<b>LIVE DEMONSTRATION OF THE EQUIPMENT :</b>	
<p>The bidder should bring <b>Four Nos.</b> of Base Sets of offered make and model, Required Test jigs, Hardware/Software , cables, required for showing the Technical Specifications of the equipment quoted as per Tender Schedule and also for demonstrating the Features and full functionality of the equipment.</p> <p>Programming the above Four Base sets to work in Analog and Digital Modes in Simplex <b>and Repeater frequencies.</b> The above Four Base sets have to be programmed to work in Group A, Group B, Group C and All Group etc. The bidder should demonstrate all the analogue technical parameters and digital features along with IP connectivity for inter site operation.</p>	

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Warranty	<b>3 years on site comprehensive warranty on Radios along with accessories from date of acceptance.</b>
Training	Necessary Technical Training regarding.... <ul style="list-style-type: none"><li>• Configuration of the mobile sets,</li><li>• Operational, Repairing and maintenance.</li></ul> The Training shall be given to <b>25 Technical persons</b> for Two weeks.

**To be supplied with:**

- Programming kit for H/B VHF Digital Mobile Radio DMR Technology, Tier - II
- Original copy of Technical/Service manual by OEM for H/B VHF Digital Mobile Radio DMR Technology, Tier - II

\*OEM/DMR association has to certify Interoperability of quoted model with other make DMR in non-encrypted mode. The bidder has to submit the copy of certificate in the bid.

**Item 3: H/B VHF Digital Repeater DMR Technology, Tier-II with battery cable, duplexer, DTMF & IP license**

<b>GENERAL</b>	
Frequency Range	136 to 174 MHz
TDMA	2 – Slot
Operating mode	Analog, Digital and Mixed mode
Operating selection	Fully automatic for Analog, Digital and Mixed mode
Channel Capacity	16 or higher, Channel Switch to be provided.
Channel Spacing	12.5 KHz
Operating Voltage	12 V DC (10.8 to 15.6 V DC) typical
Frequency Stability	± 1PPM or better
Antenna Impedance	50Ω
Communication interface	Ethernet for IP connectivity and IP license to be provided with repeater network
Duty cycle	100 % at full rated output <b>Should be checked in analog mode, since digital mode only supports for limited time.</b>
Weight	Light in weight
Indicator	Indicator for transmit and receive
Protection	Reverse polarity and High VSWR
Inter-operability	Interoperability certificate* has to be provided by OEM for quoted model with TDMA based DMR Tier-II Radios in <b>non-encrypted mode.</b>
Remote access	Remote diagnostic access control software should be provided for 2 Nodes (Server + dispatch console mode) and 6 Repeaters
<b>TRANSMITTER</b>	
RF Power Output	<b>05 to 45 Watts or higher ( programmable )</b>
Modulation Limiting	±2.5 KHz
FM Hum & Noise	-40 db or better
Adjacent Channel Power	-60 dBc or better
Audio Response	+1, -3db
Digital Vocoder	AMBE ++
Duplexer	<b>45 watts or higher with required coaxial cables and connectors (External Duplexer to be provided)</b>
<b>RECEIVER</b>	
Sensitivity ( Analog )	0.35 μV ( 12db SINAD ) or better
Sensitivity ( Digital )	0.30 μV at 5% BER or better
Image rejection	65 dB or better
Adjacent Chanel Selectivity	60 db or better
Inter-modulation	65 db or better
<b>FEATURES</b>	
Mode of operation	Repeater should operate in <b>Analog, Digital and Mixed mode.</b>
IP compatibility	To extend coverage of the communication system the Repeater should be capable to work with IP Network, either

	using leased IP lines, IP VPN and Microwave Link unlicensed frequency band for Voice, Data and signaling with all features. All necessary Hardware, software and licenses if any shall be provided.
Duplexer	Built in or External Duplexer having 45 watt or higher continuous operation with required co-axial cables and connectors Port Impedance 50 ohms
<b>ENVIRONMENTAL SPECIFICATIONS</b>	
Operating Temperature	-10°C to +55°C
Storage Temperature	-30°C to +60°C
Humidity	95 % non-condensing at 40 degree
<b>LIVE DEMONSTRATION OF THE EQUIPMENT :</b>	
<p>The bidder should bring <b>Two Nos.</b> of Repeater Sets with all accessories of offered make and model, Required Test jigs, Hardware/Software, cables, required for showing the Technical Specifications of the equipment quoted as per Tender Schedule and also for demonstrating the Features and full functionality of the equipment.</p> <p>Programming the above <b>Two Repeater Sets</b> to work in Analog, Digital and Mixed modes on different Repeater <b>frequencies</b>. The above Two Repeater sets have to be installed at different locations. Connect them through IP and exchange the communication between the Repeaters. The bidder should demonstrate all the analogue technical parameters and digital features along with IP connectivity for inter site operation.</p>	
Warranty	<b>3 years on site comprehensive warranty on Radios along with accessories from date of acceptance..</b>
Training	<p>Necessary technical training regarding...</p> <ul style="list-style-type: none"> <li>• Configuration of the Repeater sets,</li> <li>• Operational, Repairing and maintenance.</li> </ul> <p>The training shall be given to <b>25 technical persons</b> for two weeks.</p>

**To be supplied with:**

**Programming kit for H/B VHF Digital Repeater DMR Technology, Tier-II**

**Original copy of Technical /Service manual by OEM for H/B VHF Digital Repeater DMR Technology, Tier-II**

\* \* \*

1. Each Portable/Mobile should be capable of seamless connectivity for intercity/ district communication through IP connectivity. If Roaming feature enabled to that radio, should be capable of auto roaming from one site to another within the IP Multi-site Connect system.
2. Each Radio should work both on Analog/ Digital mode operation as per the type of signal received.

\*OEM/DMR association has to certify Interoperability of quoted model with other DMR in non-encrypted mode. The bidder has to submit the copy of certificate in the bid.

## **Section- 6 Instructions to Bidders & Evaluation Process**

### **6.1. Bidding Procedure:**

Offers should be made in three parts namely, "Pre-qualification bid", "Technical bid" and "Financial bid" and in the format given in bid document, on e-Procurement website. **Bids should be submitted on e-procurement website only.**

1. EMD copy should be uploaded on e-procurement website.
2. Tenders will be accepted only from those who have purchased the Bid Document.
3. All correspondence should be with TSTS contact person.
4. A complete set of bidding documents may be purchased by interested bidders from the TSTS contact person upon payment of the bid document price which is non-refundable. Payment of bid document price should be by demand draft or certified cheque drawn in favour of "The Managing Director, Telangana State Technology Services Ltd" and payable at Hyderabad (India) before bid closing date & time.

### **6.2 Completeness of Response**

- i) Bidders are advised to study all instructions, forms, requirements and other information in the RFP documents carefully. Submission of the bid shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications.
- ii) The response to this RFP should be full and complete in all respects. Failure to furnish all information required by the RFP documents or submission of a proposal not substantially responsive to this document will be at the Bidder's risk and may result in rejection of its Proposal.

### **6.3 Proposal preparation costs & related issues**

- i) The bidder is responsible for all costs incurred in connection with participation in this process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by facilitating the evaluation process.
- ii) Will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- iii) This RFP does not commit to award a contract or to engage in negotiations. Further, no reimbursable cost may be incurred in anticipation of award or for preparing this RFP.

### **6.4 Responses to Queries and Issue of Corrigendum**

- i) The Project Committee/Nodal Officer notified by TSTS will endeavor to provide timely response to all queries. However, & TSTS makes no representation or warranty as to the completeness or accuracy of any response made in good faith, nor does TSTS undertake to answer all the queries that have been posed by the bidders.
- ii) At any time prior to the last date for receipt of bids, TSTS may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the RFP Document by a corrigendum.

- iii) The Corrigendum (if any) & clarifications to the queries from all bidders will be posted in the portal [www.eprocurement.gov.in](http://www.eprocurement.gov.in).
- iv) Any such corrigendum shall be deemed to be incorporated into this RFP.

#### **6.5 Right to Terminate the Process**

- i) TSTS & User Department may terminate the RFP process at any time and without assigning any reason. TSTS makes no commitments, express or implied, that this process will result in a business transaction with anyone.
- ii) This RFP does not constitute an offer by TSTS/User Department. The bidder's participation in this process may result in short listing of the bidder.

#### **6.6 Preparation of Proposals**

- i) The Proposal as well as all related correspondence exchanged by the bidders and TSTS shall be written in English language, unless specified otherwise.
- ii) In preparing their Proposal, Consultants are expected to examine in detail the documents comprising the RFP. Material deficiencies in providing the information requested may result in rejection of a Proposal.
- iii) The Technical Proposals shall contain an Executive summary giving a brief overview of the manner in which the bidder proposes to achieve the outcomes and the assessment of resources required.
- iv) The bidder is expected to submit the Technical Proposal as per the format given in RFP. Submission of the wrong type of Technical Proposal will result in the proposal being deemed non-responsive. The Technical Proposal shall not include any financial information.
- v) The Financial Proposal shall be prepared as per the format given in Appendix.

#### **6.7 Submission of Responses**

- i) The bidder shall submit the bid through e-Procurement platform only.
- ii) The bidder shall submit (3) proposals – Pre-Qualification Proposal, Technical Proposal and Financial Proposal as per format given in Appendixes on e-procurement portal.
- iii) The original proposal both Technical and Financial shall contain no interlineations or overwriting, except as necessary to correct the errors made by the bidders themselves. The same authorized representative who has signed the proposal shall initial the corrections.
- iv) An authorized representative of the bidders shall initial all the pages of the original Technical and Financial Proposals. The authorization shall be in the form of written power of attorney accompanying the proposal and supported by any evidence that the representative has been duly authorized to sign.
- v) One copy of the documents necessary for Pre-Qualification as per the format given in RFP shall be submitted if asked by the tender agency-TSTS. An authorized representative of the bidders shall initial all pages of Pre-Qualification documents submitted.
- vi) The bidder shall submit one softcopy of the Technical Proposal in the form of a non-rewriteable CD. CD media must be duly signed using a Permanent pen Marker and should bear the name of the bidder.
- vii) Bidder must ensure that the information furnished in the CD is identical to that submitted in the original paper document. In case of any discrepancy, the information furnished in the original paper document will prevail over the soft copy.



- viii) The bidder shall ensure that the proposal cost quoted in the Cost Break-up form (Form-C2) matches with the total cost (inclusive of taxes) quoted in the Commercial Proposal form (Form-C1).

### **6.8 Bid Submission Format**

- i) The entire proposal shall be strictly as per the format specified in this Invitation for Expression of Interest and any deviation may result in the rejection of the RFP proposal.
- ii) The documents to be submitted for **Pre-Qualification** bid are:
  - a) General Information of the Bidder – Form PQ#1
  - b) Financial Turnover – Form PQ#2
  - c) Past experience – Form PQ#3
  - d) Non Blacklisting Self Declaration Certificate – Form PQ#4
  - e) Manufacturer Authorization Form (MAF) – Form PQ#5
  - f) Bid Security.
  - g) Undertaking from OEM for Spare parts.
  - h) Previous Purchase Orders/Work Orders/Satisfactory reports
- iii) The documents to be submitted for **Technical Proposal** are:
  - a) Understanding of the Project & Implementation Plan- Form TQ#1 ( )
  - b) Technical Compliance Statement for Required Items – Form TQ#2
- iv) The documents to be submitted for **Commercial Proposal** are:
  - a) Commercial Proposal submission - Form C#1.
  - b) Commercial Cost detail break-up - Form C#2.

### **6.9 Venue and Deadline for submission**

- i) Proposals must be submitted through the Procurement Platform only on or before the last date time given.
- ii) Any proposal received by the TSTS after the above deadline shall be rejected. The bidders should take care in uploading their bids & supporting documents well in advance so as to avoid last minute rush & failures. TSTS will not entertain any such complaints of failure on the e procurement portal.
- iii) The bids submitted by telex/telegram/fax/e-mail, etc. Shall not be considered. No correspondence will be entertained on this matter.

### **6.10 Short listing Criteria**

- i) TSTS/Project Evaluation Committee will shortlist bidders who meet the Pre-Qualification criteria mentioned in this Invitation to RFP.
- ii) Any attempt by a Bidder to influence the bid evaluation Process may result in the rejection of its RFP Proposal.

### **6.11 Overall Evaluation Process**

A Committee comprising officials from User department, TSTS, SeMT shall be formed for evaluating the proposals/bids received for this RFP. The decision of this Committee shall be final in evaluation of bids. If necessary, the subject shall be placed before the Secretary-ITE&C Dept for final approval and decision:

- i) The evaluation will be 3 stages i.e., PQ, TQ & Commercial of the proposal submitted by the bidders.
- ii) The bidders will be shortlisted based on the Pre-Qualification criteria as given in this RFP document.
- iii) The bidders who qualify in PQ evaluation will be eligible for opening of Technical Evaluation & also bidder should arrange for Technical presentation on the features of the proposed items.
- iv) The bidders have to score a minimum of 70 marks in Technical evaluation to be considered for Financial Evaluation as per the criteria.
- v) Technical Presentation/PoC Date, Time & Venue will be informed as per schedule fixed by the evaluation Committee.
- vi) The Financial Proposal of those bidders who get more than 70 marks out of a maximum of 100 marks, in the Technical Evaluation shall be considered for commercial bid evaluation.
- vii) The technically Qualifying Financial Proposals will only be opened.
- viii) The final evaluation shall be based on overall L1 quote only.
- ix) The proposals will be ranked in terms of the low cost to high cost. The bidder with the overall least quote will be considered for award of contract & will issue LOI.
- x) Only Successful Main system (Hand Held Set / Mobile / Repeater) tenderer's original spare battery, manuals, software and programming kit etc., are acceptable and will be qualified for purchase consideration.

### **6.12 Authentication of Bid**

The original and all copies of the bid shall be typed or written in indelible ink. The original/copies shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. A letter of authorization shall be supported by a written power of attorney accompanying the bid. All pages of the bid, except for un-amended printed literature, shall be signed and stamped by the person or persons signing the bid.

### **6.13 Validation of Interlineations in Bid**

The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the BIDDER, in which case such corrections shall be counter signed by the person or persons signing the bid.

### **6.14 Disqualification of bids**

TSTS/User Department may at its sole discretion and at any time during the processing of tender, disqualify any BIDDER from the tendering process if the BIDDER has

- i. Submitted the tender after the prescribed date and time of submission of bids.
- ii. Made misleading or false representations in the forms, statements and attachments submitted in proof of the eligibility requirements.
- iii. If found to have a record of poor performance such as abandoning works, not properly completing the contract, inordinately delaying completion, being involved in litigation or financial failures, etc.
- iv. Submitted bid document, which is not accompanied by required documentation and Earnest Money Deposit (EMD) or non-responsiveness.
- v. Failed to provide clarifications related thereto, when sought.
- vi. If the technical offer contains any price information the offer will be summarily rejected.
- vii. Conditional bids will be summarily rejected.
- viii. Bidders who are found to canvass, influence or attempt to influence in any manner the qualification or selection process, including without limitation, by offering bribes or other illegal gratification, shall be disqualified from the process at any stage.
- ix. If found to submit more than one bid.

#### **6.15 Bid Submission Format**

The entire proposal shall be strictly as per the format specified in this Request for Proposal. Bids with deviation from this format shall be rejected.

#### **6.16 Clarification of Bids during Evaluation**

During evaluation of the bids, TSTS/User Department may, at its discretion, ask the BIDDER for clarification of its bid content and seek information.

##### ***Preliminary Examination of the Bids***

- Preliminary scrutiny will be made to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished,
- whether the documents have been properly signed, and whether the bids are generally in order.
- Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If the BIDDER does not accept the correction of the errors, its bid will be rejected and its bid security may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail.
- TSTS may waive any minor informality; nonconformity or irregularity in a bid that does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any BIDDER.
- Prior to the detailed evaluation, TSTS will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these clauses, a substantially responsive bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations.
- If a bid is not substantially responsive, it will be rejected by TSTS and may not subsequently be made responsive by the BIDDER by correction of the nonconformity.
- Evaluation of financial bids will exclude and not take into account any offer not asked for or not relevant to the present requirements of user department.

- Evaluation of financial bid will take into account, in addition to the basic bid price, one or more of the following factors
  - The projected costs for the entire contract period;
  - Past track record of bidder in supply/ services and
  - Any other specific criteria indicated in the tender call and/or in the specifications.

### **6.17 Contract Finalization and Award**

TSTS will award the contract to the BIDDER whose bid has been determined to be substantially responsive and has been determined as the best value bid (as per Overall Evaluation Process), provided further that the BIDDER has demonstrated that it is qualified to perform services required for the project satisfactorily.

The notification of the award shall constitute signing of the agreement. The signing of agreement will amount to award of contract and BIDDER will initiate the execution of the work as specified in the agreement. At the same time as TSTS notifies the successful BIDDER that its bid has been accepted, TSTS will send the Bidder the proforma for contract, incorporating all agreements between the parties. Within 7 days of receipt of the contract, the successful BIDDER shall sign and date the contract and return it to TSTS.

However, it is the discretion of the Authority

- To engage the SP for all or part of the Services as per RFP.
- To drop one or more items from the scope at the time of engagement of SP.

### **6.18 Rights to Accept / Reject any or all Proposals**

The Evaluation Committee reserves the right to accept or reject any proposal, and to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected Solution Provider or Bidder or any obligation to inform the affected Solution Provider or Bidder of the grounds for Committee's action.

### **6.19 Additional Instructions to Bidders**

- i) Bidder should provide all prices as per the prescribed format in this document.
- ii) All the prices are to be entered in INR only.
- iii) Prices indicated shall be inclusive of all taxes, levies, duties etc.
- iv) It is mandatory to provide breakup of all Taxes, duties and levies wherever asked for.
- v) The Authority, reserves the right to ask the Bidder to submit proof of payment against any of the taxes, duties and levies indicated.
- vi) Authority shall take into account all taxes, duties and levies for the purpose of evaluation.
- vii) Line items mentioned in the commercial formats are for representation purpose and Bidder may suitably add line items / merge the cost components depending upon their proposed solution.
- viii) No escalation of prices will be considered under any circumstances.

## Section – 7 TQ EVALUTION CRITERIA & TECHNICAL POC

### 7.1 Technical Evaluation Criteria

Project Evaluation Committee (PEC) will evaluate the Technical Proposals of the Pre-qualified bidders as per the following criteria. The Bidder shall be requested to arrange Presentation of its proposed technology to the evaluation committee on the following parameters for technical evaluation. The bidder should have sufficient technical expertise, relevant experience and requisite infrastructure for the proposed scope of work.

The Bidder is responsible to give a presentation on objectives of the Bidder, proposed management structure, contribution of each constituent, role & responsibility of each constituent covering all aspects of the planning & successful execution of the work, proposed solution, technical functionalities of equipment/system, method of implementation and maintenance, the commitment of the constituents to the joint and several liabilities for due performance.

#	Evaluation Criteria	Measurement Criteria	Max. Score
1	<b><u>Turnover</u></b> Bidder should have minimum annual turnover of Rs. 2.50 crores in last 3 years i.e., Financial Years 2014-15 2015-16 and 2016-17 from Safety & Security / Supply & Maintenance of Radio Communication Devices.	Annual Turnover in each of last 3 FY: <ul style="list-style-type: none"> <li>➤ &gt;= Rs.4 Cr &amp; Above – 10 points</li> <li>➤ &gt;= Rs.3.5 Cr &amp; &lt; Rs. 4 Cr - 8 points</li> <li>➤ &gt;= Rs. 3.0 Cr &amp; &lt; Rs. 3.5 Cr - 6 points</li> <li>➤ &gt;= Rs. 2.5 Cr &amp; &lt; Rs. 3.0 Cr - 4 points</li> </ul>	10
2	<b><u>Past Experience</u></b> Bidder should have experience in supply, installation & maintenance of minimum 2000 nos of Digital Mobile Radio devices along with accessories in the last 3 FY i.e. 2014-15 to 2016-17 for any PSU/ State/ Central Govt./ Police /Defence departments in India.	<i>Combined quantity (Nos) of DMR Devices:</i> <ul style="list-style-type: none"> <li>➤ &gt;= 4000 Nos &amp; Above – 10 points</li> <li>➤ &gt;= 3500 Nos &amp; &lt; 4000 Nos – 8 points</li> <li>➤ &gt;= 3000 Nos &amp; &lt; 3500 Nos – 6 points</li> <li>➤ &gt;= 2500 Nos &amp; &lt; 3000 Nos – 4 points</li> </ul>	10
4	<b>Technical Presentation</b> Technical Presentation on features & functionalities of equipment and Project implementation Plan / Methodology.  Support documents for compliance of technical specifications need to be submitted.	<ul style="list-style-type: none"> <li>• Project implementation &amp; Management process</li> <li>• Quality Management</li> <li>• Support &amp; Maintenance approach</li> <li>• Risk Mitigation Plan</li> <li>• Training to Departmental staff</li> <li>• Exit Management Plan</li> </ul>	40
	<b>Technical POC – Demonstration of Use cases &amp; other scenarios regarding</b>	<ul style="list-style-type: none"> <li>○ DMR Device features</li> <li>○ Programming Handheld sets to work in Analog and Digital Modes</li> </ul>	40

		<p>in Simplex and Repeater frequencies.</p> <ul style="list-style-type: none"> <li>○ Programmed to work in Group (A), Group (B), Group (C) and All Group etc. Each group consists of Two Handheld sets.</li> <li>○ Demonstrate all the analogue technical parameters and digital features</li> <li>○ Demo of the IP connectivity with devices for inter site operation.</li> <li>○ GPS Capability</li> <li>○ Roaming feature</li> <li>○ Message facility</li> </ul>	
		<b>TOTAL MAXIMUM SCORE</b>	<b>100</b>

*The technical criteria will be subject to minimum passing score (cut-off) of 70 to qualify for the next phase of opening of commercial Bid.*

*Note: Bidder should provide unpriced BOQ with make & model for technical verification in TQ bid. The bidder should quote in commercial bid for all the items as per the technical specifications furnished in Technical bid, otherwise the bid will be rejected.*

**Samples:** The bidder should submit sample devices of (2 pairs) i.e. Handheld, Mobile and Repeaters along with accessories to the Project Evaluation Committee along with EMD on or before bid closing date.

## 7.2 Technical PoC Setup

The Bidder should also arrange the following components as quoted in the proposal for the PoC setup to showcase the features as per evaluation criteria in addition to committee requirement. The make & model should be same as per the bid proposal unless & otherwise specified, this means if the model numbers of all components do not meet as per the proposal, the bid is liable for rejection.

### **POC Equipment as per bid proposal:**

The bidder should demonstrate POC with (6) Six Nos. of DMR Handheld sets of offered make and model, Required Test jigs, Hardware/Software, cables, required for showing the Technical Proof of Concept to demonstrate the Features and full functionality of the equipment.

The bidder should bring their own necessary test & measuring equipment to evaluate the specifications for quoted models as part of PoC.

### **NOTE:**

- a) The place & date of PoC shall be intimated to the bidders at least 3 days in advance so as to make necessary arrangements.

- b) The Bidder responsibility to arrange the necessary equipment / components that are required for the completion of POC. The above quantity of items for demo is only indicative; however bidder should provide minimum quantities required for PoC.
- c) The proposed solution should include the quality aspects like user friendliness, secure, interoperability, modifiability, integrity and extensibility, maintainability, scalability and modularity etc.,
- d) The Evaluation Committee may provide use cases to the qualified bidders at the time of PoC, in addition to the bidder's use cases.

## **Section – 8 IMPORTANT TERMS & GENERAL CONDITIONS**

### **8.1 Project Period & Contract Agreement**

The total project period is for 3 years including warranty from the date of Go-Live.

The Contract Agreement with Identified Bidder shall be signed by User Department (i.e. O/o DIRECTOR- POLICE COMMUNICATIONS)

### **8.2 Project Deliverables**

The bidder should ensure that the deliverables are submitted to User Department as per the timelines in the RFP.

- All the documentation related to Project
- Use cases prepared, User manual, Training manuals
- All the information collected from the field
- Technical documents etc if any
- Ensure system uptime
- Ensure deployment of qualitative manpower
- Any other documents, information related to scope of work as requested by Department

### **8.3 Warranty Terms**

- i) All goods or materials shall be supplied strictly in accordance with the specifications, drawings, datasheets, other attachments and conditions stated in the Bid / Order / LOI.
- ii) All materials supplied by the Bidder shall be guaranteed to be of the best quality of their respective kinds and shall be free from faulty design, workmanship and material.
- iii) In event of default originating with the design, material arising at any time during the Warranty period of 36 months from the date of Go-Live, the Bidder shall replace as may be necessary to ensure the material should function in accordance with the specification and to fulfill the foregoing Warranty without any delay.
- iv) The Bidder shall warrant that every work executed under the contract shall be free from all defects and faults in material, workmanship etc. for a period of 36 months for from the date of Acceptance test.

### **8.4 Warranty Period**

- i) The comprehensive warranty period is for 3-years for the all items / equipment/ Software supplied including spare parts from the date of handover subject to User Department acceptance of the system. During the warranty period, the Bidder should perform regular predictive and preventive maintenance of the system at all locations at least once in 6 months.
- ii) The Bidder will undertake that supplies of necessary maintenance equipment and spare parts will be made available for all Items/Equipment and the complete System for period of (3) years on continuing basis and life time spares after 3 years.

### **8.5 Service Level Agreement (SLA)**

- i) The Bidder should meet the following SLAs during the warranty period, however a separate SLA agreement will be executed with a successful Bidder when the project is awarded and accepted.



- ii) The SLA is designed for rapid response to mission critical service, hardware and software application emergency. The time between the initial request for service and the time a technical person respond to the request should not exceed 2 hour. The Resolution for permanent solution to an emergency should be within 4 hours.
- iii) In case of complete system breakdown, the resolution time should be less than 1 hour.
- iv) The maximum period for warranty repairs is only (7) days. If the period crosses, the vendor should provide new equipment till the defective equipment receives back after warranty repairs

## **8.6 Definitions**

- i) Tender call or invitation for bids means the detailed notification seeking a set of solution(s), service(s), materials or any combination of them.
- ii) Specification means the functional and technical specifications or statement of work, as the case may be.
- iii) Authority/User Department means- Director-Police Communications, O/o DGP-Telangana State
- iv) Firm means a Company, or any other Organization incorporated under appropriate statute as is applicable in the country of incorporation.
- v) Bidder means any firm offering the solution(s), service(s) and/or materials required in the tender call. The word Bidder/bidder when used in the pre award period shall be synonymous with bidder and when used after award of the contract shall mean the successful bidder with whom User Department signs the contract for rendering of goods and services.
- vi) Pre- qualification and Technical bid means that part of the offer that provides information to facilitate assessment by TSTS, professional, technical and financial standing of the bidder, conformity to specifications etc.
- vii) Financial Bid means that part of the offer, that provides price schedule, total project costs etc.
- viii) Three part Bid means the Pre-qualification bid, Technical and Financial bids submitted in e-procurement
- ix) Goods and services mean the solution(s), service(s), materials or a combination of them in the context of the tender call and specifications.
- x) The word goods when used singly shall mean the hardware, firmware component of the goods and services.

## **8.7 General Eligibility**

- i) This invitation for bids is open to all Bidders from within India, who are eligible to do business in India under relevant Indian laws as is in force at the time of bidding subject to meeting the pre qualification criterion.
- ii) Bidders marked/considered by TSTS to be ineligible to participate for non-satisfactory past performance, corrupt, fraudulent or any other unethical business practices shall not be eligible.

- iii) Bidder debarred/ blacklisted by any Central or State Govt. / Quasi –Govt. Departments or organizations as on bid calling date for non-satisfactory past performance, corrupt, fraudulent or any other unethical business practices shall not be eligible.
- iv) Breach of general or specific instructions for bidding, general and special conditions of contract with TSTS or any of its user organizations may make a firm ineligible to participate in bidding process.

### **8.8 Bid forms**

- i) Wherever a specific form is prescribed in the bid document, the bidder shall use the form to provide relevant information. If the form does not provide space for any required information, space at the end of the form or additional sheets shall be used to convey the said information.
- ii) For all other cases the bidder shall design a form to hold the required information.

### **8.9 Cost of bidding**

- i) The bidder shall bear all costs associated with the preparation and submission of its bid, and TSTS will in no case be responsible for those costs, regardless of the conduct or outcome of the bidding process.
- ii) Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect will be at the bidder's risk and may result in the rejection of its bid.
- iii) The participating bidder should purchase the document and enclose a receipt of the same with the bid document.

### **8.10 Clarification of bidding documents**

- i) A prospective Firm / bidder requiring any clarification of the bidding documents may notify TSTS contact person. Written copies/ e-mail of the TSTS response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective bidders that have received the bidding documents.
- ii) The concerned person will respond to any request for clarification of bidding documents which it receives no later than bid clarification date mentioned in the notice prior to deadline for submission of bids prescribed in the tender notice. No clarification from any bidder shall be entertained after the closure of date and time for seeking clarification mentioned in tender call notice. It is further clarified that TSTS/User Department shall not entertain any correspondence regarding delay or non-receipt of clarification from TSTS/User Department.

### **8.11 Amendment of bidding documents**

- i) At any time prior to the deadline for submission of bids, TSTS, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, may modify the bidding documents by amendment.

- ii) All prospective bidders those have received the bidding documents will be notified of the amendment and such modification will be binding on all bidders.
- iii) In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the TSTS, at its discretion, may extend the deadline for the submission of bids.

#### **8.12 Period of validity of bids**

- i) Bids shall remain valid for the days or duration specified in the bid document, after the date of the financial bid opening prescribed by TSTS. A bid valid for a shorter period shall be rejected as non-responsive.
- ii) In exceptional circumstances, the TSTS may solicit the bidders' consent to an extension of the period of bid & EMD validity. The request and the responses thereto shall be made in writing. The bid security shall also be suitably extended. A bidder granting the request will not be permitted to modify its bid.

#### **8.13 Deadline for submission of bids**

- i) Bids must be submitted on e-procurement website not later than the bid submission date and time specified in the tender call notice.
- ii) The TSTS may, at its discretion, extend this deadline for the submission of bids by amending the tender call, in which case all rights and obligations of the TSTS and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

#### **8.14 Modification and withdrawal of bids**

- i) No bid can be modified subsequent to the deadline for submission of bids.
- ii) No bid can be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity. Withdrawal of a bid during this interval will result in the forfeiture of its bid security (EMD).

#### **8.15 General Business information:**

The bidder shall furnish general business information to facilitate assessment of its professional, technical and commercial capacity and reputation.

#### **8.16 Bid Security i.e. earnest money deposit (EMD)**

- i) The bidder shall furnish, as part of its bid, a bid security for the amount specified in the tender call notice.
- ii) The bid security is required by TSTS to:
  - Assure bidder's continued interest till award of contract and
  - Conduct in accordance with bid conditions during the bid evaluation process.
- iii) The bid security shall be in Indian Rupees and shall be a bank guarantee, or an irrevocable letter of credit or cashier's certified check, issued by a Reputed scheduled Bank in India and having at least one branch office in Hyderabad

- iv) Unsuccessful bidder's bid security will be discharged or returned as promptly as possible but not later than thirty (30) days.
- v) The bid security may be forfeited:
  - if a bidder withdraws its bid during the period of bid validity or
  - in the case of a successful bidder, if the bidder fails:
    - to sign the contract in time; or
    - to furnish performance security.

### **8.17 Overview of Financial bid**

The financial bid should provide cost calculations corresponding to each component of the project.

#### **Bid prices**

- i) The bidder shall indicate the unit prices (where applicable) and the total bid price of the goods/services it proposes to supply under the contract.
- ii) The bidder shall indicate Basic Prices and taxes, duties etc. (If required) in the form prescribed.
- iii) Bidder's separation of price components will be solely for the purpose of facilitating the comparison of bids by User Department and will not in any way limit the purchaser's right to contract on any of the terms offered.
- iv) Prices quoted by the bidder shall be fixed during the bidder's performance of the contract and not subject to variation on any account unless otherwise specified in the tender call. A bid submitted with an adjustable price quotation will be treated as non-responsive and will be rejected.

**Bid currency: Prices shall be quoted in Indian Rupees.**

### **8.18 Term and Extension of Contract**

- i) The term of this Contract shall be for a period as indicated in the contract and contract shall come to an end on expiry of such period except when its term is extended by User Dept.
- ii) User dept shall reserve the sole right to grant any extension to the term mentioned above on mutual agreement including fresh negotiations on terms and conditions.
- iii) When the 3 year term of contract with the Bidder expires, the Bidder is required to conduct a parallel run for one month with any new agency identified.

### **8.19 Change orders**

TSTS/User Department may, at any time, by written order given to the Bidder, make changes within the general scope of the Contract in any one or more of the following:

- i. Drawing, designs, or specifications, where Goods to be supplied under the Contract are to be specifically manufactured for the TSTS;
- ii. The method of shipment or packing;
- iii. The place of delivery and/or the services to be provided by the Bidder. If any such change causes an increase or decrease in the cost of, or the time required for, the Bidder's

performance of any provisions under the contract, an equitable adjustment shall be made in the contract price or delivery schedule, or both, and the contract shall accordingly be amended. Any claims by the Bidder for adjustment under this clause must be asserted within thirty (30) days from the date of the Bidder's receipt of the change order.

#### **8.20 Contract amendment**

No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

#### **8.21 Assignment**

The Bidder shall not assign, in whole or in part, its obligations to perform under this Contract, except with the prior written consent from TSTS.

#### **8.22 Suspension of Work:**

The Bidder shall, if ordered in writing by TSTS / User Department representative, temporarily suspend the works or any part thereof for such a period and such a time as ordered. The Bidder shall not be entitled to claim compensation for any loss or damage sustained by him by reason of temporary suspension of the Works as aforesaid. An extension of time for completion corresponding with the delay caused by any such suspension of the works as aforesaid shall be granted to the implementation agency, if request for same is made and that the suspension was not consequent to any default or failure on the part of the implementation agency. In case the suspension of works is not consequent to any default or failure on the part of the implementation agency and lasts for a period of more than 3 months, the Bidder shall have the option to request the TSTS/User Department to terminate the Contract with mutual consent.

#### **8.23 Force Majeure**

- i) The Bidder shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- ii) For purposes of this clause, "Force Majeure" means an event beyond the control of the Bidder/bidder and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the State Government in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- iii) If a Force Majeure situation arises, the Bidder/bidder shall promptly notify the TSTS in writing of such condition and the cause thereof. Unless otherwise directed by the TSTS / User Dept. in writing, the Bidder/bidder shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

#### **8.24 Terminate the Contract**

- i) Retain such amounts from the payment due and payable by User Dept to the Bidder as may be required to offset any losses caused to User Dept as a result of such event of default and the Bidder shall compensate User Dept for any such loss, damages or other costs, incurred by User Dept in this regard. Nothing herein shall effect the continued obligation of the Bidder / other members of its Team to perform all their obligations and responsibilities under this Contract in an identical manner as were being performed before the occurrence of the default.
- ii) Invoke the Performance Bank Guarantee and other Guarantees furnished hereunder, enforce the Deed of Indemnity, recover such other costs/losses and other amounts from the Bidder may have resulted from such default and pursue such other rights and/or remedies that may be available to User Dept under law.

#### **8.25 Termination**

- i) User Dept may terminate this contract in whole or in part by giving the Bidder prior and written notice indicating its intention to terminate the Contract under the following circumstances.
- ii) Where it comes to User Dept attention that the Bidder (or the implementation agency's Team) is in a position of actual conflict of interest with the interests of User Dept in relation to any of terms of the implementation agency's bid, the tender or this Contract
- iii) Where the Bidder ability to survive as an independent corporate entity is threatened or is lost owing to any reason whatsoever including inter alia the filing of any bankruptcy proceedings against the implementation agency, any failure by the Bidder to pay any of its dues to its creditors, the institution of any winding up proceedings against the Bidder or the happening of any such events that are adverse to the commercial viability of the implementation agency. In the event of the happening of any events of the above nature, User Dept shall reserve the right to take any steps as are necessary to ensure the effective transition of the project to a successor implementation agency/Bidder, and to ensure business continuity.
- iv) Termination for Default: User Dept may at any time terminate the Contract by giving 30 days written notice to the implementation agency without compensation to the implementation agency in the event of default on the part of the Bidder which may include failure on the part of the Bidder to respect any of its commitments with regard to any part of its obligations under its bid, the tender or under this contract.

#### **8.26 Termination for Insolvency**

The User dept/TSTS may at any time terminate the contract by giving 30 days written notice to the Bidder/bidder if the Bidder/bidder becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Bidder/bidder, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the User Dept./TSTS.

### **8.27 Termination for Convenience**

- i) The User dept/TSTS may at any time by giving 30 days written notice to the Bidder/bidder, terminate the Contract, in whole or in part, for its convenience. The notice of termination shall specify that termination is for the User dept/TSTS /Purchaser's convenience, the extent to which performance of the Bidder/bidder under the Contract is terminated, and the date upon which such termination becomes effective.
- ii) The entire software infrastructure procured & used for the project will be taken over by the User Department from the date of service termination & any delay in handing over these equipment's will not be acceptable & will be viewed severely for appropriate action.
- iii) The client may in the following events after giving a prior notice and conducting investigations if required, terminate the contract forfeiting the bid security and any sums due for payment to the Bidder:-
  - If the value of the penalty for different services together exceeds 10% of the contract amount for 1 year.
  - If the Bidder becomes Bankrupt or financially insolvent during currency of the contract.
  - If it is found that the bidder has been convicted for any unlawful activities.
  - If it is found that bidder has made gross misconduct or involved in practices injurious to the image and interest of the client or has failed in performing his duties as per contract.

### **8.28 Liquidated Damages:**

If the identified Bidder fails to deliver Services or install any or all of the systems or if any of the services fail to gain Acceptance within the period(s) specified in the Contract, the Client shall, without prejudice to its other remedies under the Contract, deduct from the performance security, as liquidated damages, a sum equivalent to the percentage of the Contract price specified in SCC. Once the maximum is reached, the Client may consider termination of the Contract. If delivered or installed goods and/or Services cannot be put to use without the undelivered goods/Services, the damages will be calculated using the total price of the goods/services that cannot be put to use.

### **8.29 Application of LD**

Liquidated damages shall be assessed as per the millstones as per schedule, submission of deliverables and its acceptance”.

### **8.30 Right of Monitoring, Inspection and Periodic Audit**

- i) User dept/ TSTS reserves the right to inspect and monitor/assess the progress/performance/maintenance of project at any time during the course of the contract.

- ii) The User dept/ TSTS shall have the right to conduct, either itself or through another Third Party as it may deem fit, an audit to monitor the performance by the Third Party of its obligations/functions in accordance with the standards committed to or required by User dept and the Bidder undertakes to cooperate with and provide to the TSTS any other agency appointed by TSTS, all documents and other details as may be required by them for this purpose. Any deviations or contravention identified as a result of such audit/assessment would need to be rectified by the Bidder failing which the client may without prejudice to any other rights that it may have issue a notice of default.

### **8.31 Risk Management**

Bidder shall at his own expense adopt suitable Risk Management methodology to mitigate all risks assumed under this RFP. The Bidder shall underwrite all the risk related to its personnel deputed under this project as well as equipment and components and any other belongings or their personnel during the entire period of their engagement in connection with this project and take all essential steps to reduce and mitigate the risk. User dept / TSTS will have no liability on this account.

### **8.32 Publicity:**

The Bidder shall not make or permit to be made a public announcement or media release about any aspect of this Contract unless the User dept first gives the Bidder its written consent.

### **8.33 Resolution of Disputes**

- i) The User Department and the bidder shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the contract.
- ii) If, after thirty (30) days from the commencement of such informal negotiations, the User Department and the Bidder have been unable to resolve amicably a contract dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified here in. These mechanisms may include, but are not restricted to, conciliation mediated by a third party.
- iii) The dispute resolution mechanism shall be as follows:

In case of a dispute or difference arising between the User department and the Firm /bidder relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, of India, 1996. The place of resolution of disputes shall at Hyderabad , Telangana State only.

### **8.34 Governing Language**

The contract shall be written in English. All correspondence and other documents pertaining to the contract which are exchanged by the parties shall be written in same languages.

### **8.35 Applicable law**

The contract shall be interpreted in accordance with appropriate Indian Laws.



**8.36 No Interest for Performance Guarantee**

No interest shall be paid on the earnest money, security deposit and the amount retained against performance guarantee.

**8.37 Notices**

- i) Any notice given by one party to the other pursuant to this contract shall be sent to the other party in writing or by Telex, e-mail, Cable or Facsimile and confirmed in writing to the other party's address.
- ii) A notice shall be effective when delivered or tendered to other party whichever is earlier.

**8.38 Taxes and duties**

The Bidder shall be entirely responsible for all taxes, duties, license fee etc. incurred until delivery of the contracted services to the User department or as per the terms of tender document if specifically mentioned.

Any increase or decrease in the rates of the applicable taxes or any new levy on account of changes in law shall be to the account of User Department.

**8.39 Standards**

The Systems/Items to be supplied under shall conform to the standards mentioned in the Technical Specifications. Before shipping, the identified Firm will inform User Dept., giving full details about these standards and take approval.

**8.40 Testing of Software & Acceptance Certificate:**

As the discretion of DIRECTOR- POLICE COMMUNICATIONS, acceptance tests will be conducted by the Bidder at the site in the presence of the Dept officials and / or its nominated consultants. The tests will check for trouble free operation, apart from physical verification and complete functional test of deployed System. On successful completion of acceptability test and after DIRECTOR- POLICE COMMUNICATIONS officials are satisfied with the working of the software/portal, the acceptance certificate will be issued by User Department. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the Devices.

**8.41 Delivery and Documents**

Delivery of the goods/services shall be made by the Bidder in accordance with the terms specified in the Schedule of requirements. The details of shipping and / or other documents to be furnished and submitted by the Bidder are specified below.

**For Goods supplied from abroad:**

- i) Within 24 hours of shipment, the SP shall notify the TSTS and the Insurance Company by cable or telex or fax full details of the shipment including contract number, description of goods, quantity, the vessel, the bill of lading number and date, port of loading, date of shipment, port of discharge, etc. The SP shall mail the following documents to the TSTS, with a copy to the Insurance Company.

- ii) Four copies of supplier's invoice showing goods description, quantity, unit price and total amount;
- iii) 4 copies of packing list identifying contents of each package;
- iv) Insurance certificate; Manufacturer's/Supplier's warranty certificate;
- v) Inspection certificate, issued by the nominated inspection agency and the
- vi) Supplier's factory inspection report; and Certificate of origin.

The above documents shall be received by the TSTS/User Department at least one week before arrival of Goods at the port or place of arrival and, if not received, the Bidder will be responsible for any consequent expenses.

**For Goods from within India:**

Upon delivery of the goods to the user, the SP shall notify the TSTS/User Department and mail the following documents to the TSTS/User Department:

- i) Four copies of the SP invoice showing goods description, quantity, unit price total amount;
- ii) Delivery note, or acknowledgement of receipt of goods from the user;
- iii) Manufacturer's or Supplier's warranty certificate;
- iv) Inspection Certificate issued by the nominated inspection agency, and the Supplier's factory inspection report.
- v) Certificate of Origin;
- vi) Insurance policy;
- vii) Excise gate pass Octroi receipts wherever applicable duly sealed indicating payments made; and
- viii) Any of the documents evidencing payment of statutory taxes.

The above documents shall be received by the TSTS/User Department before arrival of the Goods(except deliver note and where it is handed over to the user with all documents) and if not received, the Bidder will be responsible for any consequent expenses.

**8.42 Insurance**

- i) It is suggested that the goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery up to user site.
- ii) The insurance should be for replacement value from "Warehouse to warehouse (final destination)" on "All Risks" valid upto 3 months till completion of delivery & testing" .

**8.43 Transportation**

Transport of the goods to the project site(s) shall be arranged by the SP at his cost.

**8.44 Incidental services**

The Bidder may be required to provide any or all the following services, including additional services :

- i) Performance or supervision or maintenance and/or repair of the supplied goods and services, for a period of time agreed by the parties, provided that this service shall not relieve the Bidder of any warranty obligations under this Contract, and
- ii) Training of TSTS and/or its user organization personnel, at the Bidder's site and / or on-site, in assembly, start-up, operation, maintenance and/or repair of the supplied goods and services.
- iii) Prices charged by the Bidder for the preceding incidental services, if any, should be indicated separately ( if required), and same will be mutually negotiated separately.

#### **8.45 Spare parts**

- i) The Bidder may be required to provide any or all of the following materials, notifications and information pertaining to spare parts manufactured or distributed by the Bidder.
- ii) Such spare parts as the TSTS may elect to purchase from the Bidder, provided that this election shall not relieve the Bidder of any warranty obligations under the contract and
- iii) In the event of termination of production of the spare parts, an advance notification to the TSTS of the pending termination, in sufficient time to permit the TSTS to procure needed requirements and
- iv) The Bidder shall ensure availability of spares in stock at his nearest service centre for immediate delivery such spare parts as: (a) are necessary for a minimum of 5years of operation after installation at the Purchaser's sites (b) are necessary to comply with specifications.

#### **8.46 Maintenance service**

1. Free maintenance services including spares shall be provided by the Bidder during the period of warranty. User, at its discretion may ask the Bidder to provide maintenance services after warranty period, i.e. Annual maintenance and repairs of the system at the rates indicated by bidder in its proposal and on being asked so, the Bidder shall provide the same. The cost of annual maintenance and repairs cost (after warranty period), which will include cost of spares replaced, shall be paid in equal quarterly installments at the end of each quarter.
2. The maximum response time for maintenance complaint from any of the destination (i.e. time required for supplier's maintenance engineers to report to the installations after a request call/telegram is made or letter is written) shall not exceed 48 hours.
3. The Bidder will accomplish preventive and breakdown maintenance activities to ensure that all hardware, and firmware execute without defect or interruption for at least required up time.
4. In case up time is less than the stipulated up time, penalty as indicated in the bid document shall be imposed on the Bidder.
5. The amount of penalty if any, will be recovered at source from the performance guarantee during the warranty or from annual maintenance charges payable as the case may be.

#### **8.47 Arbitration (As per the State Government rules)**

- i) The selected implementing agency shall indemnify state against all third party claims arising out of a court order or arbitration award for infringement of patent, trademark / copy right arising from the use of the supplied services or any part thereof.

- ii) In the event of any dispute or differences arising under these conditions or any special conditions of the contract in connection with this contract, the same shall be referred to Secretary, Information Technology & Communications, Government of Telangana for final decision and the same shall be binding on all parties.
- iii) Any other terms and conditions, mutually agreed prior to finalization of the order / agreement shall be binding on the selected implementing firm.
- iv) The Selected Bidder, User dept and TSTS shall make every effort to resolve amicably by direct negotiation any disagreement or dispute arising between them under or in connection with the purchase order. If any dispute shall arise between parties on aspects not covered by this agreement, or the construction or operation thereof, or the rights, duties or liabilities under these except as to any matters the decision of which is specially provided for by the general or the special conditions, such dispute shall be referred to two arbitrators, one to be appointed by each party and the said arbitrators shall appoint an umpire in writing before entering on the reference and the award of the arbitration or umpire, as the case may be, shall be final and binding on both the parties. The arbitrators or the umpire as the case may be, with the consent of parties, may modify the timeframe for making and publishing the award. Such arbitration shall be governed in all respects by the provision of the Indian Arbitration and Conciliation Act, 1996 or later and the rules there under and any statutory modification or reenactment, thereof. The arbitration proceedings shall be held in Hyderabad, Telangana, India.

**8.48 Assignment, subletting and outsourcing**

The whole work included in the Tender shall be executed by the identified Bidder and the Bidder shall not directly or indirectly transfer, assign sublet, the contract or any part thereof or interest therein without the written consent of DIRECTOR- POLICE COMMUNICATIONS/TSTS. In the event of doing so, it shall result in termination of contract and forfeiture of Security Deposit.

**8.49 User License and Patent Rights**

- i) The SP shall provide licenses for all software products, whether developed by it or acquired from others. In the event of any claim asserted by a third party for software piracy, the Bidder shall act expeditiously to extinguish such claim. If the Bidder fails to comply and DIRECTOR- POLICE COMMUNICATIONS is required to pay compensation to a third party resulting from such software piracy, the Bidder shall be responsible for compensation including all expenses, court costs and lawyer fees. The DIRECTOR- POLICE COMMUNICATIONS will give notice to the Bidder of such claim, if it is made, without delay.
- ii) The SP shall indemnify the purchases against all third party claims of infringement of patent, trademark or industrial design rights arising from use of the goods, software package or any part thereof.

**8.50 Use of Documents and Information**

- i) The Bidder shall not, without prior written consent from DIRECTOR- POLICE COMMUNICATIONS, disclose/share/use the bid document, contract, or any provision

thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the DIRECTOR- POLICE COMMUNICATIONS in connection therewith, to any person other than a person employed by the Bidder in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only, so far as may be necessary for purposes of such performance.

- ii) The Bidder shall not, without prior written consent of DIRECTOR- POLICE COMMUNICATIONS, make use of any document or information made available for the Development Team, except for purposes of performing the Contract.
- iii) All project related document (including this bid document) issued by DIRECTOR- POLICE COMMUNICATIONS, other than the contract itself, shall remain the property of the DIRECTOR- POLICE COMMUNICATIONS and shall be returned (in all copies) to the DIRECTOR- POLICE COMMUNICATIONS on completion of the Bidder's performance under the contract if so required by the DIRECTOR- POLICE COMMUNICATIONS.

#### **8.51 Confidentiality**

Please note that the software related activities as specified in the Tender are confidential. It shall be the repository of the Bidder to take all necessary precautions and measures to maintain utmost confidentiality with regard to each and every stage of work.

The Bidder's personnel shall not divulge or disclose to any person, any details of office, operational process, technical know-how, security arrangements and administrative / organizational matters as all are of confidential/secret nature that can attract legal action.

#### **8.52 Manuals and Technical Documentation**

- i) The Bidder shall provide complete technical documentation project whatever is necessary for its optimum functioning and operation manuals as applicable.
- ii) The manuals and drawings wherever applicable shall be in English.
- iii) At least one set of the manuals should be supplied for installation site.
- iv) Unless and otherwise agreed, the goods and services shall not be considered to be completed for the purpose of taking over until such manuals and drawings have been supplied to the user.

#### **8.53 Inspection and acceptance tests**

1. Inspection and tests prior to shipment of Goods and at final acceptance are as follows:
  - a. Inspection of the goods shall be carried out to check whether the goods are in conformity with the specifications mentioned in the bid document. Following broad test procedure will generally be followed for inspection and testing of hard ware and firmwares. The Bidder will dispatch the goods to the ultimate consignee after internal inspection testing along with the supplier's inspection report, manufacturer's warranty certificate. The TSTS will test the equipment after completion of the installation and commissioning at the site of the installation. (If site preparation is not included in the tender call or specification, the Bidder should furnish all details of the site requirement to the TSTS sufficiently in advance so as to get the works completed before receipt of the equipment.)
  - b. The Inspections and tests, at the discretion of TSTS, may be conducted on the premises of the Bidder or its subcontractor(s), at point of delivery, and / or at the good's final destination. If conducted on the premises of the Bidder or its subcontractor(s), all reasonable facilities and assistance, including access to

drawings and production data, shall be furnished to the inspectors at no charge to the TSTS.

- c. Should any inspected or tested goods fail to conform to the specifications the TSTS may reject the goods, and the Bidder shall either replace the rejected goods or make alterations necessary to meet specification requirements free of cost to the TSTS/user.
- d. TSTS' right to inspect, test and, where necessary reject the goods after the goods' arrival at user's site shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by the TSTS or its representative prior to the goods shipment from the country of origin.
- e. Nothing in this clause shall in any way release the Bidder from any warranty or other obligations under this contract.
- f. The acceptance test will be conducted by the TSTS, their consultant or any other person nominated by the TSTS, at its option. There shall not be any additional charges for carrying out acceptance tests. Any reduction in functional requirements, and performance specifications shall be ground for failure. Any malfunction, partial or complete failure of any part of hardware, firmware or excessive heating of hardware enclosures, motors attached to printers, drivers etc. or bugs in the software shall be grounds for failure of acceptance test. All the software should be complete and no missing modules / sections will be allowed. The Bidder shall maintain necessary log in respect of the results of the tests to establish to the entire satisfaction of the TSTS, the successful completion of the test specified. An average uptake efficiency of 97% for the duration of test period ( 7 days) shall be considered as satisfactory.
- g. In the event of the hardware and software failing to pass the acceptance test, A period not exceeding two weeks will be given to rectify the defects and clear the acceptance test, failing which the TSTS reserves the rights to get the Equipment replaced by the Bidder at no extra cost to the TSTS/user.

#### **8.54 Acceptance certificates**

On successful completion of acceptability test, receipt of deliverables etc, and after TSTS is satisfied with the working of the system, the acceptance certificate signed by the Bidder and the representative of the TSTS will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the systems.

#### **8.55 Packing**

1. The Bidder shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperature, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
2. The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the TSTS.

**8.56 Protection against Damages- Site conditions**

- i) The system shall not be prone to damage during power failures and trip outs. The normal voltage and frequency conditions available at site are as under:
  - a) Voltage 230 Volts
  - b) Frequency 50Hz.
- ii) However, locations may suffer from low voltage conditions with voltage dropping to as low as 160 volts and high voltage conditions with voltage going as high as 220 + 20% volts. Frequency could drop to 50Hz + 2%. The ambient temperature may vary from 10oC to 48oC. The relative humidity may range in between 5% to 95%.
- iii) The goods supplied under the contract should provide protection against damage under above conditions.

**8.57 Fail-safe procedure:**

The Bidder should indicate in detail fail-safe procedure(s) for the following:

- i) Power failure
- ii) Voltage variation
- iii) Frequency variation
- iv) Temperature and humidity variations.

**Special Conditions of the Contract (SCC)**

-Nil-

----



**FORMATS for BIDDING**

**Bid Letter Form**

From:

(Registered name and address of the bidder.)

To:

The Managing Director,  
Telangana State Technology Services(TSTS),  
1st Floor, BRKR Bhavan, Hyderabad-Pin-500063

Sir,

Having examined the bidding documents and amendments there on, we the undersigned, offer to provide services/execute the works in conformity with the terms and conditions of the bidding document and amendments there on, for the following project in response to your tender call dated..... Project title:

We undertake to provide services/execute the above project or its part assigned to us in conformity with the said bidding documents for an estimated sum of Rs..... (Total bid amount in words and figures) which may vary in accordance with the schedule of prices attached herewith and coverage options made by TSTS or its user organization.

If our bid is accepted, we undertake to;

1. Provide services/ execute the work according to the time schedule specified in the bid document,
2. Obtain the performance guarantee of a bank in accordance with bid requirements for the due performance of the contract, and
3. Agree to abide by the bid conditions, including pre-bid meeting minutes if any, which remain binding upon us during the entire bid validity period and bid may be accepted any time before the expiration of that period.
4. We do hereby undertake that in the event of acceptance of our bid, and the work shall be started at designated places within as per the time lines from the date of Award of Contract.
5. We enclose the complete Bid enclosing all documents / information as required in the tender document.
6. We agree to abide by our offer for a period of 90 days from the date fixed for opening of the tenders and that we shall remain bound by a communication of acceptance within that time.
7. We have carefully read and understood the terms and conditions of a tender and the conditions of the Contract applicable to the tender and we do hereby undertake to the project as per these terms and conditions. The deviations from the above Technical specifications, Services and Terms & Conditions are only those mentioned in RFP

We understand that you are not bound to accept the lowest or any bid you may receive, nor to give any reason for the rejection of any bid and that you will not defray any expenses incurred by us in bidding.

Place:

Bidder's signature

Date:

and seal.

**Form of Contract Agreement(Draft)**

This **contract agreement** is made on the [insert: **number**] day of [insert: **month**], [insert: **year**].

**Between**

- (1) [insert: **Name of Client**], (hereinafter called “the Client”), and
- (2) [insert: **name of the bidder** ], (hereinafter called “the bidder”).

**Whereas** the Client desires -----, Hyderabad and submit all deliverables and have agreed to such engagement upon and subject to the terms and conditions appearing below in this Contract Agreement.

**NOW IT IS HEREBY AGREED** as follows:

**1. Article 1 - Contract Documents**

**1.1. Contract Documents**

The following documents shall constitute the Contract between User and the Firm, and each shall be read and construed as an integral part of the Contract:

This Contract Agreement and the Appendices attached to the Contract Agreement.

- a) Notification of Award
- b) The Bid and Price Schedules submitted by the bidder
- c) Special Conditions of Contract
- d) General Conditions of Contract
- e) Pre-bid conference minutes.
- f) Bid document with modification if any
- g) Agreed SOP
- h) *Any other documents*

**1.2. Order of Precedence**

In the event of any ambiguity or conflict between the Contract Documents listed above, the order of precedence shall be the order in which the Contract Documents are listed in Article 1.1 (Contract Documents) above.

**1.3. Definitions (Reference GCC)**

Capitalized words and phrases used in this Contract Agreement shall have the same meanings as are ascribed to them in the General Conditions of Contract.

2. **Article 2 - Contract Price and Terms of Payment**

**2.1. Contract Price**

The Client hereby agrees to pay to the bidder as amount of **Rs. XXXX/-** for the items mentioned in the Commercial Form. The Contract Price in consideration of the performance by the bidder of its obligations under the Contract.

3. **Article 3 - Effective Date for Determining Time for Operational Acceptance**

**3.1. Effective Date**

The time allowed for execution, delivering deliverables and Acceptance of the same should be determined from the date when all of the following conditions have been fulfilled:

- i) This Contract Agreement has been duly executed for and on behalf of the Client and the bidder;
- ii) The bidder has submitted to the Client the Implementation cum performance security.

4. **Article 4 – Jurisdiction**

Any legal proceedings arising out of the agreement shall be subject to the appropriate court in Hyderabad.

5. **Article 5 – Appendixes**

5.1. The Appendixes listed in the attached List of Appendixes shall be deemed to form an integral part of this Contract Agreement.

5.2. Reference in the Contract to any Appendix shall mean the Appendixes attached to this Contract Agreement, and the Contract shall be read and construed accordingly.

**IN WITNESS WHERE OF** AP User and the Selected Firm has caused this Agreement to be duly executed by their duly authorized representatives the day and year first above written.

For and on behalf of the Client (Purchaser)

Signed: \_\_\_\_\_

in the capacity of [ insert: **title or other appropriate designation** ]

in the presence of \_\_\_\_\_

For and on behalf of the Bidder

Signed: \_\_\_\_\_

in the capacity of [ insert: **title or other appropriate designation** ]

in the presence of \_\_\_\_\_

Place:

Signature with seal

Date :

**Bid Security (EMD) Form**

*(to be submitted if the bidder is submitting the EMD in the form BG)*

**File. No:** .....

**Project Name:** .....

(To be issued by a bank scheduled in India as having at least one branch in Hyderabad) Whereas..... (Here in after called "the Bidder") has submitted its bid dated .....(Date). For the execution of..... (Here in after called "the Bid") KNOW ALL MEN by these presents that WE ..... of ..... having our registered office at..... (Here in after called the "Bank") are bound unto the (hereinafter called "Managing Director, TSTS, HYDERABAD") in the sum of ..... for which payment well and truly to be made to the said TSTS itself, its successors and assignees by these presents.

The conditions of this obligation are:

- i) If the bidder withdraws its bid during the period of bid validity or
- ii) If the bidder , having been notified of the acceptance of its bid by the TSTS during the period of bid validity:
  - fails or refuses to execute the contract form if required; or
  - fails or refuses to furnish the performance security, in accordance with the bid requirement;
- iii) bidder submits fabricated documents

We undertake to pay the above amount upon receipt of its first written demand, without the TSTS having to substantiate its demand, provided that in its demand the will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee of Rs. -----will remain in force up to..... and any demand in respect thereof should reach the Bank not later than the above date.

**Place:**

**Signature of the Bank Official with seal**

**Date :**

**Check List**  
(to be submitted in TQ Bid)

**Compliance/ Agreed/ Enclosed/ Deviation Statement**

The following are the particulars of compliance/deviations from the requirements of the tender specifications.

#	Bid Document Reference	Remarks
1	Scope of Work	
2	Form PQ #1	
3	Form PQ #2	
4	Form PQ #3	
5	Form PQ #4	
6	Form PQ #5	
7	MAF	
8	Technical Bid Forms	
9	Commercial Bid Forms	
10	Delivery Time lines	
11	SLAs / Penalties	
12	General Conditions of Bidding	

The specifications and conditions furnished in the bidding document shall prevail over those of any other document forming a part of our bid, except only to the extent of deviations furnished in this statement.

Place:

Bidder's signature & seal

Date:

**NOTE:** For every item appropriate remarks should be indicated like '*no deviation*', '*agreed*', '*enclosed*' etc. as the case may be.

**APPENDIX- I**  
**Pre Qualification (PQ) Proposal Submission Forms**

**Form – PQ#1**

**General Information of Bidder**

Name of the Bidder:

Name of the Project:

#	Description	Supporting Documents with Page Nos
1	Name of the Company/ Firm	
2	Date of Incorporation (Registration Number & Registering Authority) VAT No., CST No., PAN No.	
3	Legal Status of the Company in India & Nature of Business in India	Public Ltd / Private / Partnership Firms
4	Address of the Registered Office in India	
5	Date of Commencement of Business	
6	Name & e-mail id, phone number, fax of the Contact Person	
7	Web-Site	
8	EMD details (Amount, DD No. & Date, Name of the bank, Valid upto)	
9	Certification details if any	
10	Proof of purchase of bid document (Receipt No. & Date of purchase)	

Place:

Date :

Bidder's signature& seal



**Form - PQ#2**

**Financial Turnover Details**

Name of the Bidder:

Name of the Project:

Financial Information of Bidder (in Crores)					
#	Financial Year	Turnover of the Firm in		Total Profit after Tax	Net worth of the Firm
		Total Turnover	Turnover from Safety & Surveillance Business/ Communication DMR Device supply		
	(1)	(2)	(3)	(4)	(5)
1	2014 - 2015				
2	2015 - 2016				
3	2016 - 2017				

**Note:**

1. Turnover in areas other than mentioned above shall not be considered for evaluation.
2. Please attach audited Balance Sheets and IT return statements to confirming the figures mentioned in columns (2).
3. Bidder should submit any of the Audited balance sheet / Profit & Loss statement / certificates from CFO of the Company duly audited by the Chartered Accountant and certified by the Company Secretary for all the above stated three financial years.

Place:

Bidder's signature & seal

Date :

**Form – PQ#3**  
**Past Project Experience**

Name of the Bidder :

Name of the Project:

#	Description	Details	Reference to attached sheets if any
1	Client Name, Address and Phone/Mobile		
2	Consortium / JV Arrangement and Partnership Ratio		
3	Brief Project Details		
4	Period / Date of Contract and Tenure		
5	Solution Details (but not limited to): <ul style="list-style-type: none"> <li>• Equipment Make, Type &amp; Quantity</li> <li>• Platform &amp; Technology details</li> <li>• Networking Technology details</li> <li>• Software &amp; Tools details</li> <li>• Any other (Specify in details)</li> </ul>		
6	Total Value of the Contract		
7	Total Value of the Contract		

**NOTE:**

- Supporting documents to support the claim and the certificates must be signed by the authorized signatory of the organization clearly indicating his/her name, designation and contact details such as Telephone Number, Fax number, email-id etc.
- Define for each of the project in separate sheets
- Separate sheets may be attached to elaborate the projects undertaken
- Necessary project completion certificate / satisfactory progress certificate must be provided as documentary evidence of the projects executed

Place:

Bidder's signature & seal

Date :

**Form – PQ#4**

**Declaration Regarding Clean Track Record**

Name of the Bidder:

Name of the Project:

To:

The Managing Director  
Telangana State Technology Services,  
1<sup>st</sup> Floor, BRKR Bhavan, Tank Bund, Hyderabad-63

Sir,

I have carefully gone through the Terms & Conditions contained in the RFP Document [No. \_\_\_\_\_]. I hereby declare that my company has not been debarred/ black listed as on Bid calling date by any Central or State Government/ Quasi Government Departments or Organizations in India for non-satisfactory past performance, corrupt, fraudulent or any other unethical business practices. I further certify that I am competent officer in my company to make this declaration.

Yours faithfully,

(Signature of the Bidder)

Printed Name

Designation

Seal

Date:

Business Address:

**Form – PQ #5**  
**Format for the Manufacturer Authorization Form**  
(TO BE SUBMITTED BY THE BIDDER ON OEM LETTER HEAD)

Date: \_\_\_\_\_

To,  
The Managing Director,  
Telangana State Technology Services,  
1<sup>st</sup> Floor, BRKR Bhavan, Hyderabad, India

Sir,

Reference No.: \_\_\_\_\_ Dated \_\_\_\_\_ for  
\_\_\_\_\_

- A. We \_\_\_\_\_ , (name and address of the OEM) who are the original manufacturers of items -- \_\_\_\_\_ hereby authorize \_\_\_\_\_ to bid, negotiate and conclude the contract with you against Tender No \_\_\_\_\_ for the following goods viz---(item & model number to be mentioned) \_\_\_\_\_ which are manufactured by us . As an OEM we assure & honor to undertake timely supply and back to back support with services and spares for the offered product for a period of 5 years as applicable by the comprehensive warranty terms of this tender directly through us or our channel partners, distributors, authorized service centers.
- B. We also certify that \_\_\_\_\_ are authorized by us to provide technical service support, warranty and upgrade support up to the expiry of warranty period for the goods manufactured by us.
- C. We also undertake to provide or make available the required spares for the products manufactured/supplied for the said tender for a period of 10 years post warranty period mentioned in the RFP.
- D. We assure that regular updates/information shall be provided to the bidder and their technical personnel with relevant technical literature, training and skill transfer workshops etc. on a regular basis.
- E. We also certify that our company-- \_\_\_\_\_ is not blacklisted by any State/Central Government department/agencies, Public/Private Sector Units.

Name In the capacity of  
Signed  
Seal

**APPENDIX - II**  
**Technical Proposal Submission Forms**

**Form TQ#1**

**Understanding of the Project & Implementation Methodology**

Name of the Bidder:

Name of the Project:

A Brief technical proposal by the bidder on Project Scope, understanding of the project, technologies proposed covering the following and other issues related to project:

- i) Project Plan.
- ii) Identification of functional requirements of the solution
- iii) Compliance to standards (International, National Industry & as specified in Tender)
- iv) Project Implementation approach
- v) Operations & Management Approach
- vi) Key staff to Install the devices & handle the technical support
- vii) Non Functional Requirements
- viii) Exit Management Plan

Place:

Bidder's Signature & seal

Date:

**Form TQ#2**

**Technical Compliance Sheet**

**Item wise technical compliance statement as per technical specifications mentioned in RFP** (taking in to consideration all the amendments issued to this document, if any) is to be submitted in the following format:

**Item Name:**

**Make & Model Offered:**

Sl. No.	Parameter/ Feature	Specification Required as per of RFP & amendments, if any given	Specification of proposed item along with Part Code, Qty. & Description if any (Part code details must be provided if available)	(Complied/ Higher/Low er)	Reference for proof of compliance (Required documents to be uploaded along with technical bid)
<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>
					(Detailed reference such as doc name, para no. page no. etc. should be provided)

Place & Date:

Bidder's signature and seal

**Form TQ#3**

**Indicative List of Spare parts Post Warranty**

S.No.	Name of the Item(Spare part)	Make & Model

*We undertake that Post Warranty period of 10 Years, we shall arrange for supply of spare parts for the devices from the authorised source/OEM and the tentative list of such spare parts to be supplied from the OEM is mentioned above.*

Place & Date:

Bidder's signature and seal



**APPENDIX- III**  
**Commercial Proposal Submission Forms**

**Form C #1**  
**Commercial Proposal Forms**

[Location, Date]

To: [Addressed to MD TSTS]

Dear Sir:

We, the undersigned, offer to provide the for [Insert title of Assignment] in accordance with your Request for Proposal dated [Insert Date], and our Technical Proposal.

Our attached Financial Proposal is for the sum of [*Insert amount(s) in words and figures*].

This amount is inclusive of the Domestic taxes such as ----- (*Indicate the amounts against each*).

We hereby confirm that the financial proposal is unconditional and we acknowledge that any condition attached to financial proposal shall result in reject of our financial proposal.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal.

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

**Form C #2**  
**Detailed Commercial Proposal Forms**

Sl. No	Item Description	UoM	Qty	Unit Cost(Rs.)	Tax %	Total Cost (Rs.) incl. of taxes
<i>I.</i>	<i>B</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g=(e*f*d)</i>
1	VHF Digital Hand Held Transceiver with GPS with 2000 or more Mah Li-Ion Battery with BIS Certification, Helical antenna, Belt Clip & Operation manual with Rapid Charger & Spare 2000Mah or more Li-Ion Battery with BIS Certification	Nos.	1001			
	Programming kit for Handheld radios	Nos.	40			
	Original copy of Technical/Service manual by OEM for handhelds	Nos.	40			
	6 Position Battery Chargers	Nos	50			
2	VHF Digital Static/Mobile Transceiver with GPS, Microphone, Battery cable	Nos.	218			
	Programming kit for Mobile radios	Nos.	25			
	Original copy of Technical/Service manual by OEM for mobiles	Nos.	40			
3	VHF Digital Repeater with Microphone, power cable and duplexer	Nos.	21			
	Programming kit for Repeaters	Nos.	15			
	Original copy of Technical /Service manual by OEM for Repeaters	Nos.	40			
<b>Grand Total(Rs.)</b>						
<b>Maintenance of devices or supply of spares beyond warranty period for 3 years.</b>		<b>(In Rupees Lumpsum value)</b>				

In Words Rupees \_\_\_\_\_

**Note:**

- All the items should be inclusive of product comprehensive warranty (including spares) for a period of Three years from the date of acceptance of equipment.
- The L1 evaluation shall be on Grand Total only. However, the L1 bidder will be requested to match the least cost of individual product also.
- All unit rates indicated shall be inclusive of charges including service component as applicable according to industry norms are part of supply, installation & commissioning, testing & certification.
- All other tasks pertinent to the contract even though may not have been mentioned in the bid document are assumed to have been included in the work.
- Taxes shall be applicable on the item cost as mentioned in Column (f).
- Training on usage of the supplied devices to be imparted free of cost.

Place & Date:

Bidder's signature and seal

***END OF DOCUMENT***

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