

उत्तर प्रदेश पुलिस दूरसंचार मुख्यालय, महानगर लखनऊ-226006
संख्या: ई-147 / 2013(इक्यूपमेंट) दिनांक: नवम्बर 11, 2013

सेवा में,

भारत सरकार के सार्वजनिक उपक्रम

विषय: संचार उपकरणों एवं सहवर्ती उपकरण/उपकर्मिकाओं का क्रय।

उत्तर प्रदेश पुलिस दूर संचार मुख्यालय, लखनऊ द्वारा संलग्न परिशिष्ट-A में संलग्न संचार उपकरणों एवं सहवर्ती उपकरण/उपकर्मिकाओं का क्रय किया जाना है। उक्त संचार उपकरणों एवं सहवर्ती उपकरण/उपकर्मिकाओं का क्रय भारत सरकार के सार्वजनिक उपक्रमों के माध्यम से किये जाने हेतु निर्धारित तकनीकी विशिष्टियों एवं बीओओक्यू0 के अनुसार तकनीकी/वित्तीय प्रस्ताव निम्नानुसार आमंत्रित किये जाते हैं:-

1. परिशिष्ट-A में संलग्न संचार उपकरणों एवं सहवर्ती उपकरण/उपकर्मिकाओं हेतु परिशिष्ट-B में निर्धारित तकनीकी विशिष्टियों के अनुरूप तकनीकी एवं वित्तीय प्रस्ताव निम्नानुसार उपलब्ध कराया जाना है:-
 - तकनीकी एवं वित्तीय प्रस्ताव दो-दो प्रतियों (Original and Duplicate) में वांछित है। ओरिजनल तकनीकी तथा वित्तीय प्रस्ताव अलग-अलग लिफाफों में शील्ड किया जाना है तथा लिफाफों के ऊपर स्पष्ट तथा बोल्ड अक्षरों में Original Technical Bid/Duplicate Technical Bid/Original Financial Bid/Duplicate Financial Bid अंकित किया जाय।
 - Original Technical Bid तथा Original Financial Bid के लिफाफों को पुनः एक बड़े लिफाफे में संयुक्त रूप से रख कर शील्ड करते हुए उसके ऊपर Original Technical & Financial Bid स्पष्ट तथा बोल्ड अक्षरों में अंकित किया जाय। इसी प्रकार Duplicate Technical Bid तथा Duplicate Financial Bid के लिफाफों को पुनः एक बड़े लिफाफे में संयुक्त रूप से रख कर शील्ड करते हुए उसके ऊपर Duplicate Technical & Financial Bid स्पष्ट तथा बोल्ड अक्षरों में अंकित किया जाय।
 - उपरोक्तानुसार Original Technical & Financial Bid तथा Duplicate Technical & Financial Bid के दोनों लिफाफों को पुनः एक बड़े लिफाफे में संयुक्त रूप से रख कर शील्ड करते हुए इस मुख्यालय को प्रेषित किया जाय।
2. उपरोक्तानुसार तैयार किया गया तकनीकी एवं वित्तीय प्रस्ताव इस मुख्यालय को 11 दिवस के अन्दर विलम्बतम् दिनांक 22.11.2013 तक उपलब्ध करा दिया जाय, इस तिथि के बाद प्राप्त होने वाले आफर स्वीकार नहीं किये जायेंगे।

3. प्रस्ताव के साथ भारत सरकार का सार्वजनिक उपक्रम होने का वैध प्रमाण पत्र अवश्य उपलब्ध कराया जाय।
4. वायरलेस सेटों के सम्बन्ध में पी0एस0यू0 स्वयं का अथवा अपने सहयोगी फर्म के पक्ष में संचार मन्त्रालय, भारत सरकार द्वारा निर्गत वैध डी0पी0एल0 (डीलर पजेशन लाइसेन्स) की प्रमाणित छायाप्रति उपलब्ध करायी जाय।
5. पी0एस0यू0 अथवा उनके सहयोगी फर्म द्वारा विभिन्न विभाग/संस्थानों को विगत में आपूर्त किये गये संगत उपकरणों का विवरण उपलब्ध कराया जाय।
6. संलग्न परिशिष्ट-C (Profile of PSU) के अनुसार पी0एस0यू0 तथा सहयोगी फर्म(यदि हो) के सम्बन्ध में वांछित विवरण मय आवश्यक प्रपत्र/अभिलेख के उपलब्ध कराया जाय।
7. संलग्न परिशिष्ट-D (Terms and Conditions) के अनुसार अपेक्षित विवरण प्रपत्र/अभिलेख के उपलब्ध कराया जाय तथा यथा-आवश्यक बिन्दुओं पर सहमति/असहमति स्पष्ट रूप से अंकित की जाय।
8. संलग्न परिशिष्ट-B (Technical specification) के प्रत्येक बिन्दु पर Complied/Non Complied स्पष्ट रूप से अंकित किया जाय।
9. उपलब्ध कराये गये तकनीकी/वित्तीय प्रस्ताव के साथ संलग्न समस्त प्रपत्र पी0एस0यू0 के प्राधिकृत व्यक्ति द्वारा सील-मुहर के साथ हस्ताक्षरित एवं प्रमाणित किया जाय तथा प्राधिकार पत्र की प्रति भी संलग्न किया जाय।

संलग्नक: उपरोक्तानुसार (कुल 6 वर्क)

(मोहित अग्रवाल)

पुलिस उपमहानिरीक्षक, दूरसंचार
उ0प्र0 पुलिस रेडियो मुख्यालय,
महानगर-लखनऊ।

मोबाइल न0: 945440

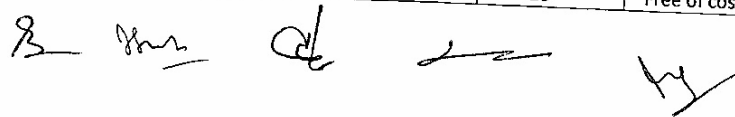
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परिशिष्ट 'A'

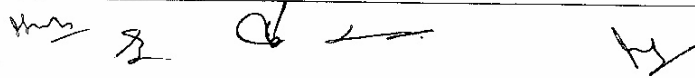
Tentative BOQ

SL	EQPTS		ITEM	QTY	REMARK
1	VHF STATIC/MOBILE SET	1	Transceiver VHF Static/Mobile, 25 Watt Synthesized with DTMF mike & Batts. Lead	50	
		2	3 db GP antenna	50	
		3	30 mtr coaxial feeder RG-213 with connectors: Defense certification of the OEM or any other equivalent Approval by Govt. of India-Certificate to be attached	50	
		4	12V SMPS Power supply cum charger suitable for offered radio set	50	
		5	Audio to PL card for connecting wireless set to amplifier	50	
		6	Programming Hardware & software kit	10	
		7	Technical/Service Manual	10	Free of cost






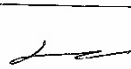

परिशिष्ट 'B'

1- Transceiver VHF Static/Mobile, 25 Watt Synthesized		
Sl.	Parameter	TECHNICAL SPECIFICATION
A GENERAL		
1	Frequency Range	136-174 MHz (split band or full band)
2	No. of channels	16 channels or more:
3	Channel spacing	12.5 KHz
4	Frequency spread	5 MHz or more without degradation in Tx/Rx specifications
5	Frequency Stability	5 ppm or better
6	Type of emission	11 K0F3
7	Type of Operation	Simplex, press to talk with built in condenser mic. and speaker
8	Type of antenna	Suitable Antenna such as GP antennae etc may be submitted as accessories
9	Speaker impedance	To be specified by the firms both at internal and external speaker point
10	Speaker	Internal /socket for external speaker to be provided (The internal speaker should be cut off when external speaker is used)
11	Output impedance/Termination	50 ohms and the aerial terminal should have VHF/UHF female socket or appropriate adopter should be provided with the sets
12	Protection	(i) Reverse polarity protection should be provided (ii) The Final transistor should be protected against high VSWR
13	Power Supply	12 V DC nominal
14	Test voltage	Specify DC test voltage at which specifications are complied
15	Weight	Max. 2.5 Kg
B TRANSMITTER		
1	RF Power output	25 W \pm 0.5 dB or better
2	Frequency Deviation	\pm 2.5KHz max (for 100% at 1 KHz) for 12.5 KHz channel spacing or better
3	Modulation Sensitivity	1 to 10 mV at 1 KHz at mic input for \pm 1.5 KHz (for 12.5 KHz channel




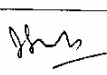



		spacing) standard deviation or better
4	Modulation distortion	Less than 5 % at 1 KHz reference \pm 1.5 KHz (for 12.5 KHz channel spacing) standard deviation
5	Modulation Fidelity	+1, -3 dB of 6 dB/Octave pre-emphasis characteristics from 350 Hz to 2700 Hz with 1 KHz as reference
6	Spurious & Harmonics suppression	Better than 60 dB
C RECEIVER		
1	Sensitivity	0.30 micro V for 12 dB SINAD
2	Squelch Sensitivity	0.25 micro V or better at threshold
3	Selectivity	Better than 60 dB
4	Image Rejection	Better than 65 dB
5	Audio output	1 W with less than 5% distortion at 1 KHz reference measured at specified audio output
6	Audio Response	+1, -3 dB of 6 dB/octave de-emphasis characteristics from 350 Hz to 2700 Hz with 1 KHz as reference

D Feature configurations		
	Configuration VM 4	Press to talk, Protection against high VSWR, Channel spacing (12.5 KHz), PTT ID Encode, CTCSS/DCS, Busy channel lockout, Channel Scanning with call quieting facility, 2-tone/DTMF signaling /5-tone, Selective call decode (Through 2-tone/DTMF signaling/5-tone : any one), Capable of being Killed/Un killed, Emergency SOS/Siren, LCD display with min. 4 characters, ANI, Talk around and DTMF Microphone
E Environmental Conditions		
1	Operating Temperature	-10° to 55° C or better
2	Storage Temperature	-40° to 70° C or better
3	Relative humidity	95% Max at +40° C non condensing or better
4	Environmental Tests	Dry heat, Damp heat (Cyclic), Cold test, Drop test (in packed condition), Vibration test, Storage test and Bump test should be according to IS: 9000 or better: Certificate to be enclosed

F	Others
1	Audio output jack (port) inbuilt is required. Provision of external device will not be accepted.
2	All VHF static/mobile Tans receivers shall be supplied complete with their OEM DTMF mike and Battery lead.

2- 12 Volt Power Supply for VHF Static/Mobile set		
Sl.	Parameter	TECHNICAL SPECIFICATION
1	DC Current Capacity	10Amp : Max. output current 10 Amp
2	Type of Power Supply	SMPS/Linear
3	Input Voltage	230 Volt AC \pm 10% at 50 Hz
4	Out Put Voltage	13.5 Volt DC \pm 5% on 80% load or better
5	Operation	Continuous Duty
6	Charging	Float and Boost
7	Protection	i) Short circuit protection ii) Reverse Polarity protection
8	Efficiency	More than 80% for SMPS and more than 50% for Linear power supply
9	Weight	Less than 5 Kgs
10	Changeover	Automatic changeover to battery in case of mains power supply failure. Maximum charging current of 8 Amp for power supply with boost charging facility and 3 Amp for power supply with float charging facility along with float charging facility.
11	Battery cable	Should be provided with power supply

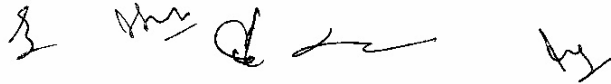






Profile of the company

परिशिष्ट '८'

The PSU should necessarily furnish the following details to be pre-qualified for further consideration

1	Name of the central PSU and year of Incorporation.		
2	Nature of the central PSU		
3	i) Address of the registered office of PSU with E mail ID, Fax No. and Contact phone Numbers		
	ii) Address & similar details of the associated company/firm/agency (if any) through which the PSU proposes to execute the purchase order.		
4	Letter of authority: In the case of sole distributor or dealer must enclose a letter of Authority from the Principals to the effect that they will support the quoted equipment for installation, testing and commissioning, maintenance and supply of spares.		
5	Registration No. of PSU UPTT: CST: VAT:	Registration No. of Company/firm/agency (if any) UPTT: CST: VAT:	
6	Audited balance sheet and income statements of the PSU and associated company/firm/agency (if any), just concluded year and the previous two years		
7	a) Name of the Government agencies and other organizations, to whom the supply of similar items were made by the concerned PSU/Company/Firm/Agency (enclosed copy of the Purchase orders and delivery statement/invoice) Name, Contact number and mail Id of the users should be mentioned separately.		
	b) Details of any supply done to U.P.Govt./U.P. Police (enclose copy of purchase orders) Name, Contact number and mail Id of the users should be mentioned separately.		
8	Details of own/associates company/firm/agency's service centers in U.P. /other places (Address with phone number, fax number & mail Id)		
9	i- Mention make and model of the equipment/equipments/items being offered according to specifications and BOQ. ii- Technical Specification (Pamphlets and data sheet to be attached) iii- Details of different approvals/Certification of the equipments being offered (certificate to be attached). iv - The firm should indicate the free warranty period from the date of delivery: a) Min. 24 months for offered Transceivers b) Min. 12 months for other accessories and equipments supplied with Transceivers v- Indicate the maximum number of persons to whom you provide free training of Operation/Service/Maintenance of the offered equipments/items.		
10	The valid DPL for radio equipments issued to of PSU or supplier must be enclosed.		
11	Affidavit that PSU/Associates (if any) were never blacklisted by Central/any States Government or Department.		
12	Indicate your delivery schedule from the date of receipt of provisional order- Letter of award : D Signing of Agreement : D + days Supply of equipments : D + days,		



परिशिष्ट 'D'

Terms and Conditions for the supply of Radio Eqpts. And Accessories

1	PSU should be a Central Govt. PSU. (Proof for registered name and year of incorporation such as registration certificate issued by competent authority is required.)
2	Letter of authority from OEM or proof of being authorized OEM/Indian distributor for the quoted equipments shall be required.
3	PSU will have to deposit security money at the rate of 10% of the total cost of the ordered equipments for one year in the form of DD or Bank guarantee.
4	PSU will have to provide min. two year warranty for Transceivers and min. one year warranty for other accessories and equipment. supplied with Transceivers from the date of delivery. During warranty the PSU will have to attend all complaints relating to the defects caused in equipments within 3 days of information given from this HQRS otherwise a penalty of RS.100/- per day per equipment will be imposed. This penalty will be deducted from the security money. Warranty period shall start from the date of successful PDI (pre delivery inspection).
5	PDI of the equipments should be satisfactory otherwise the whole consignment of the supplied equipments may be rejected.
6	Delivery schedule should be clearly mentioned and strictly adhered to.
7	If any regulatory act is applicable in the supplied equipments, then enclose copy of clearance of the competent authority.
8	The price quoted should inclusive of Trade tax, excise duty, other taxes etc. and net rate including packing, forwarding and other expenditure if any and it is F.O.R. at U.P. Police Telecom. HQRS, Lucknow.
9	Payment will be made after satisfactory PDI. TDS will be deducted as per prevailing rules.
10	PSU will have to provide an affidavit on non judicial stamp paper worth Rs. 100/- regarding that the PSU or the equipments which they are offering is/are not black listed by any State/Central government department.
11	All the certificates/documents required should be valid /up-to- date.
12	Make and Model of the offered product should be mentioned clearly with pamphlets & specification data sheet.
13	U.P. Police Telecom HQRS reserves the right to accept or reject the offer either in partial or full.
14	An agreement among the PSU's authorized representative, principal manufacturer or its authorized dealer/distributor and consignee will have to be signed for smooth supply, maintenance of the equipments and supply of spares for life period of equipments on non judicial stamp paper worth Rs 100/-.
15	The supplier shall be required to bear all risks of loss, leakage or damage and shall deliver the goods in good order to the consignee at the destination i.e. U.P. Police Telecom HQRS, Lucknow.
16	With every dispatch of goods or materials under the agreement, invoice or bills of parcels in duplicate are to be sent by the suppliers to the competent authority, the duplicate to be returned by the competent authority with the quantities of number receive duly noted thereon.
17	Packing cases, containers, gunny packages, etc. which may be used for purposes of packing and which are delivered with stores will not be returned or paid for.
18	If supply of the ordered equipments is not made in whole within the specified period then the supply order issued by this HQRS may be cancelled.
19	In the event of any dispute arising out of or concerning this supply the decision of Director General of Police Telecom, UP Addl. Director General of Police Telecom, UP will be final.
20	Without prejudice to any other remedy provided by the law any amount due from the supplier to the Government of UP, may be recovered by deduction from security money deposited by the PSU.
21	PSU have to supply a copy of operational manual, user manual & relevant CD (free of cost) at the time of delivery of equipment.
22	PSU or associated firm must have valid DPL for radio eqpts. from the ministry of communication, Govt. of India
23	PSU will provide training for installation, Operation, maintenance & minor repairing of equipments free of cost.
24	After qualifying the technical offer, PSU will have to arrange live demonstration of the products (as per demand on short notice).
25	At any stage even after delivery if it is found that the Make/Model/Specifications of the goods or materials supplied are different from the offered and demonstrated ones, Order may be cancel and penalty may be imposed accordingly.

