GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE DIRECTOR GENERAL OF POLICE
POLICE HEADQUARTERS :::ITANAGAR

No. PHQ/WT/PP-03/2025 Dated Itanagar, the 06th Oct/ 2026

RE-TENDER NOTICE

On behalf of the Governor of Arunachal Pradesh, the Director General of Police, Arunachal Pradesh, Itanagar invites sealed Tenders under a Two-Bid systems (Technical & Financial Bid) from eligible manufacturers, authorized distributors, authorized dealers and suppliers of reputed firms for entering into a contract for the supply of various Wireless Telecommunication (WT) equipment for the Office of the Superintendent of Police(Telecom) , Chimpu , Arunachal Pradesh.

For Tender details & Specifications please visit our web site - www. arunpol.nic.in.

Sd/-
Director General of Police
Itanagar,
Arunachal Pradesh.

(Not to be published)

No. PHQ /WT/PP-03/2025 Dated Itanagar, the 30th Oct/ 2026

Copy to :

1. The Director of Information and Public Relations, Govt. of Arunachal Pradesh, Naharlagun for information and wide circulation. He is also requested to pass necessary order for publication of the above Tender Notice in one leading News paper of ArunachalPradesh and one news paper of National Daily based in New Delhi.(e-mail : diprarunadvt@gmail.com)

2. The In-charge Computer Cell, PHQ, Itanagar. The tender documents along-with lists of equipments with Specifications for uploading in website of Arunachal Pradesh Police.

3. Office copy

30/10/2026

Superintendent of Police(Telecom)
Chimpu Itanagar,
Arunachal Pradesh.

Superintendent of Police (Telecom)
Chimpu, Itanagar
Arunachal Pradesh

GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE DIRECTOR GENERAL OF POLICE
POLICE HEADQUARTERS ::: ITANAGAR

No. PHQ /WT/PP-03/2025 Dated Itanagar, the 30th Oct/ 2026

RE-TENDER NOTICE

On behalf of the Governor of Arunachal Pradesh, the Director General of Police, Arunachal Pradesh, Itanagar invites sealed Tenders under a Two-Bid systems (Technical & Financial Bid) from eligible manufacturers, authorized distributors, authorized dealers and suppliers of reputed firms for entering into a contract for the supply of various Wireless Telecommunication (WT) equipment for the Office of the Superintendent of Police(Telecom) , Chimpu , Arunachal Pradesh.

1. Detail of Item :

Sl	Name of Item	Approx. Qty.	Approx. amount with GST(Rs)
1.	Digital VHF (HB) Static Radio with DC Power Supply.	593	4,63,71,161.34
2.	Digital VHF (HB) Handheld Radio (with Battery Charger & 02 nos. of battery)	883	7,46,01,038.66
3.	VHF Co-Axial Cable	204	11,37,402.00
4.	VHF (HB) GP Antenna (6db)	204	9,09,921.60
5.	VHF(HB) Whip Antenna (3db)	386	16,73,889.00
6.	Digital VHF(HB) Repeater	04	14,34,498.00
7.	Laptop (for software programming of Radio)	02	1,74,300.00
		Total Rs.	**12,63,02,211.59**

2. Critical date sheet :-

Sl.	Particulars	Date	Time
1	Date of publication of Tender	**03/11/2026 (Tuesday)**	**0900 hrs**
2	Bid submission end date	**23/11/2026 (Monday)**	**1100 hrs**
3	Date of Technical bid opening	**23/11/2026 (Monday)**	**1200 hrs**
4	Submission of Earnest Money Deposit/ Bid Security and Tender Fee	To be submitted with Technical bid. However, tenderer who want to obtain tender document from SP(Telecom) Chimpu, Tender fee Rs. 1000/- through e-Gras in favour of SP(Telecom) Chimpu, under the head of account "0055-Police" may be furnished at the time of obtaining the tender documents.	

3. The Technical and Financial bids are to be sealed separately in two different envelopes clearly supercribing "Technical and Financial bids" and then both are to be kept in a single envelope and sealed properly. The sealed envelope should be superscribed "Tender for WT Equipments" and Addressed to Superintendent Police(Telecom) ,Chimpu, Itanagar , Arunachal Pradesh -791113.

Envelope -1: It shall contain documents of eligibility information as under :-

a) Technical bid along with its specifications and leaflets / brochure containing product specification.

b) Tender documents duly completed and signed but without indication of the rates "Quoted".

Earnest Money @ 2 % of estimated cost of the items must be attached in form of DD/TDR/FDR/BG of Nationalized Bank/Post offices duly pledged in favour of SP(Telecom) , Chimpu, Itanagar. Earnest money @2% of estimated cost of the item being quoted exempted for MSME as defined in MSE procurement policy issued by Department of Micro, Small and Medium Enterprise or are a registered with Central Purchase organization or concerned Ministry or Department in consonance with relevant rules.

c) Attested copy of PAN Card.

d) Attested copy of firm GST Registration.

e) Valid Trading license issued by competent authority for the tendered items.

f) Letter of OEM authorization Certificate.

g) The OEM must be registered as Category 1 manufacturer of DMR Radios with DMR Association. The information must be available on WWW.DMRASSOCIATION.ORG. Copy of the same to be submitted.

h) Bidder must be ISO 9001 certified manufacturer of DMR Radios and accessories and must enclosed ISO 9001 certificate for the quoted item.

i) The prospective bidders should offer all the items for bid considerations as per BOQ (Annexure-B), otherwise bid is liable to be rejected.

j) The offered DMR Radios (both Handheld and Mobile Radio) must be MIL 810G approved and government Lab certificate must be attached along with the bid.

k) Offered Radios should be interoperable with the existing Radios of APP in clear as well as in encrypted mode.

l) Bidder must be in possession of valid DPL/REPA license for the offered product and must enclose copy of the same.

m) Interoperability Certificate of quoted Radio from International Laboratory Accreditation Cooperation (ILAC)/National Accreditation Board for Calibration Laboratories(NABL) lab. Source/origin of AES 256 bit encryption to be disclosed in form of documentation duly signed. It will be checked for genuineness on field.

n) Battery and Battery Charger of quoted Handheld Radio shall be from OEM or OEM verified (Certificate from OEM is must clearly mentioning Make &Model of Battery & Battery Charger) and not from any compatible source which is not Radio OEM authorized or verified.

o) Vendors are required to submit undertaking that they will provide after sale service for next 5(five) years from the date of Acceptance of Stores by government nominated Verification Committee.

p) Financially soundness certificate of firm from the concerned Branch Manager of Bank from where the firm operates (The bidder must have annual turnover of minimum 10 crore in the last 3 years)

q) Attested copy of last three years Income tax return of the firm.

r) Experience certificate of firm which must contain name designation, address, Phone No. , Fax No., Mail ID (if any) of Issuing Officer. The certificate should be countersigned by concerned OFFICE HEAD/DEPT. HEAD.

s) Undertaking from firm that Items are not Made in China or any way related to any Chinese company/vendor.

t) Technical compliance statement should be enclosed along with technical bid clearly specifying deviation, if any for all specifications mentioned in the tender.

u) Mandatory testing and certification (MTCTE): MTCTE is required for the quoted telecom items as mandated by department of Telecommunication, Govt. of India. The bidder must submit the MTCTE certificate for the offered product.

v) Bidder shall enclose all the above mentioned documents ,Tender fee & EMD . Proper Index shall be made indicating page no. of submitted document. All the documents shall have page number at the top right hand side as indicated in INDEX page. Document not mentioned in Index page will be treated as not submitted. Firm shall only submit the specific documents/record that has been sought.

Envelope -2:- It shall contain documents on "Financial Bid". Financial bid should indicate item wise price separately indicating the tax etc. for the items mentioned in the technical bids. Financial bids shall be opened only of those bidders who have been declared technically qualified by the committee.

GENERAL INSTRUCTIONS :

1. Bidder shall download tender documents with full details with specifications from website of Arunachal Pradesh Police (arunpol.nic.in).
2. The tender bid received after scheduled date & time will not be entertained.
3. Rates must be clearly written in figures as well as in words clearly indicating applicable tax separately. There should not be any cutting/over writing.
4. Bidder who fails to submit Tender Fee, EMD or fails to fulfill all or any of the eligibility condition mentioned under Envelope-1 will be summarily rejected by Tender Scrutiny Committee.
5. In case date of Opening of Technical Bid coincide with declaration of holiday or bandh call at Itanagar, the tender bid shall be received upto next working day till 1100 hrs & Technical Bid shall be opened on the same day at 1200 hrs at the official chamber of IGP(Admin) , PHQ, Itanagar ,Arunachal Pradesh.
6. The bidder should keep checking website of Arunachal Pradesh Police(www. arunpol.nic.in) for any notification/corrigendumissuedagainst the Tender till the last date of submission of Tender bids and bidder should incorporate the same in the bid documents accordingly.
7. Technical Bid will be opened as per time & schedule mentioned or notified otherwise. The Bidder or their representative must remain present at the time of opening of Technical Bid with all the original copy of submitted documents.
8. The Department of Arunachal Pradesh Police will not be responsible for delay in submission of Tender bid.

9. The tender papers containing full details with specifications and terms and conditions can be obtained from ASP(Telecom), Chimpu, Itanagar, on showing of payment receipt of Rs. 1000/- (Non- refundable) in favour of the SP(Telecom), Chimpu, Itanagar paid through e-Gras Portal of Govt. of Arunachal Pradesh under the Head of Account "0055-Police" on any working day from 0930 hrs. 03/11/2026 to 23/11/2026. The tender documents may also be downloaded from our website. The tenderers downloading the documents from website are also required to submit a copy of challan of Rs. 1000/- as tender fees in favour of the SP(Telecom), Chimpu, Itanagar, Arunachal Pradesh paid through e-Gras Portal of Govt. of Arunachal Pradesh under the Head of Account "0055-Police" No other mode of payment will be accepted.
10. Technical bid must be accompanied with earnest money pledged in favor of Superintendent of Police (Telecom), Chimpu @ 2(two) percent of the estimated cost of the items being quoted. The earnest money will be accepted in the form of DD/TDR/FDR/BG from any of theNationalized Bank/Post offices in an acceptable form, safeguarding the purchaser's interest in all respects & shall remain valid for a period of 45 (Forty Five) days beyond the final bid validity period. Tenders without earnest money will be summarily rejected.
11. Earnest Money of the technically qualified firmwill be forfeited to the government in case of failure to furnish Performance Security and execution of "DEED OF AGREEMENT". Performance security should remain valid for a period of sixty days beyond the date of completion of all the contractual obligations of the supplier including warranty obligation from date of Acceptance of Stores by government nominated verification Committee.
12. Successful tenderers will be required to submit 5% of total valueof items (without tax) to be supplied as Performance Security &sign the "DEED OF AGREEMENT" stipulating the Terms and Conditions of the contract within 15 days from the date of issue of Supply Order/Intimation letter. Performance Security will be subject to forfeiture in case of non-fulfillment of any or all the Terms and Conditions of the Contract.
13. Rate should be quoted F.O.R Superintendent of Police (Telecom), Chimpu, Itanagar, Arunachal Pradesh. Rates quoted F.O.R other than Superintendent of Police (Telecom) shall not be accepted. No packing or forwarding charges will be allowed. The rate of Tax(as applicable) that has to be charged shall be clearly mentioned for all the items. The rate should be quoted in Indian currency both in figure and words clearly. Submitted bids must be legible and clear in all respect else or not it is liable to be rejected.
14. The sealed Tender Bid may be sent by Registered Post ensuring timely delivery to this Office or put into Tender Box placed at Office of Superintendent of Police(Telecom),Chimpu,Itanagar ,Arunachal Pradeshon any working day from 0930 hrs to 1600 hours.
15. Successful Bidder have to supply the items within 90(ninety) days from the date of issue of Supply Order failing which Performance Security will be forfeited and supply order will be cancelled or sum equivalent to 0.5 % of delivery price of the delayed items for each week delayed or part thereof beyond the original contract delivery period will be recovered to a maximum of 10 % as a Liquidated Damage .
16. Any breakage or loss of any item will be at the Supplier's risk. If any item is found damaged or otherwise unacceptable at the time of delivery/inspection, the Supplier will be required to replace the same at their own cost within 15 days from the date of verbal or written intimation.
17. Payment will be made to the supplier directly upon Acceptance of Stores by government nominated verification committee & completion of successful Installations/Commissioning at the locations as desired by the user.
18. The Director General of Police of Arunachal Pradesh shall have the right to ask any Bidder to demonstrate their item before the opening of Financial Bid. Bidder qualified in Initial Scrutiny of Technical Bid by government nominated Tender Scrutiny Committee shall provide a practical demonstration of equipment in compliance with the Specification of Tender.

19. List of equipments/items with description & Specifications are attached as Annexure- A & Bill of Quantity(BOQ) as Annexure – B .
20. Tenders will remain valid up to 31-03-2027.
21. All items to be supplied shall be on warranty for a period of minimum 02 years (except for Digital VHF(HB) Repeater and its accessories which shall have 02 years of Onsite Warranty) from the date of Acceptance of Stores by government nominated Verification Committee.
22. The Director General of Police, Arunachal Pradesh reserves the right to reject the lowest bidder or all or any of the tenders without assigning any reason thereof.
23. In case of any dispute, legal jurisdiction will be at Guwahati High Court, Itanagar Bench , Arunachal Pradesh.
24. In case of any query tenderers may contact at following phone no./mail ID.

Officer	Telephone	E-mail ID
Additional Superintendent of Police (T)	9436288680	sptelecomapp@gmail.com

30/10/2026

Superintendent of Police (Telecom)
Chimpu ,Itanagar (A.P)

Superintendent of Police (Telecom)
Chimpu, Itanagar
Arunachal Pradesh

Technical Specifications of VHF(HB) DMR IP-Based Repeaters & Radios with accessories

1. Technical Specifications of Digital VHF (HB) Repeater (with Co-axial Cable & GP Antenna)	
General : i) The required Repeaters should be interoperable with the existing ICR Repeaters (Make: Motorola , Model:SLR-5300) working in Arunachal Pradesh Police with all hardware & software support. The Repeaters should also support the existing models of VHF Hand-held Radio (Make : Motorola, Model : XiR P8668i & R7) & VHF Static Radios (Make :Motorola ,Model : XiR M8668i) available in Arunachal Pradesh Police. ii) The Hand-held Radios and Static Radios should be interoperable with existing DMR Tier –II Radios of Arunachal Pradesh Police i.e VHF Hand-held Radio(Make : Motorola, Model : XiR P8668i & R7) & VHF Static Radio (Make : Motorola ,Model : XiR M8668i).	
Technical Specifications	
Frequency Range : 136MHz - 174 MHz (Full Band) , Channel Capacity: 20 or more	
Technology :Digital TDMA (2 - Slot) ,Operating Mode :Dual Standard(Digital & Analog), Channel: > 52	
Operating Selection : Fully automatic for both Digital & Analog, Channel spacing: 12.5KHz	
Power Source : i) DC: 13.8 Volt ± 15% ii) AC: 110V – 260V, iii) There should be provision to shift automatically on DC supply during mains failure & when mains supply restored it should be shifted on mains from DC supply. Frequency Stability : ± 1PPM or better,	
Duty cycle: Should be 100% duty cycle at full power in both AC & DC operation.	
Antenna Impedance : 50 Ω , VSWR : better than 1.5	
Weight : less than 15 KG, Display : Indicator for Transmit & Receive , Duplexer: inbuilt,	
Protection: i) Reverse polarity protection, ii) Protection against high VSWR.	
EMI/EMC : As per ETSI EN 301 489-1 & ETSI 301 489-5/ TEC/SD/DD/EMC-221/05/OCT-16 or equivalent.	Firm will submit certificate not older than 3 years of Govt. Lab/ ILAC/NABL Accredited Lab.
Air Interface : Open Standard DMR Tier-II	
Mode of operation: Repeater should operate in Analog and digital mode and Compatible with existing all type of VHF digital and Analog radios in both plain and secure mode.	
Transmitter :	
RF Power O/P : 25 to 50 Watt (Programmable), FM Emission : 11K0F3E, 7K60FXE , 7K60FXD , 7K60FXW	
Digital Modulation : 4 FSK , Modulation Limiting : ± 2.5 KHz @ 12.5 KHz or better , Audio response : +1 , -3dB	
FM & Hum & Noise : -40 dB or better , Adj. Ch. Power : -60 dB or Better , Audio Distortion: Less than 3%	
Receiver :	
Sensitivity: [Analog:0.3µV(12 dB SINAD) , Digital : 0.30µV at 5% BER] or better, Image Rejection : 65 dB or Better	
Adj. Ch. Selectivity : 60 dB or Better, Inter-modulation : 70 dB or Better , Audio O/P : Minimum 3W	
Audio Distortion : Less than 3%	
Environmental :	
Operating Temp. : -30° C to +55° C	Firm will submit certificate not older than 3 years of Govt. Lab/ ILAC/NABL Accredited Lab.
Storage Temp. : -40° C to +70° C	
Humidity : 95% Max. at + 40° C Non Condensing	
Networking: Should be capable to support IP site connects.	
Interfaces: Ethernet port RJ-45 to provide:- a) Wide area IP connectivity for voice and data. b) Remote monitoring and status check.	
The repeater should have facility for unauthorised access restrictions.	

Accessories :
i) Battery cable & mounting fixtures : To be supplied with Repeater. ii) GP Antenna : 8.0 dBi or better gain Omni directional antenna with 30 meter RF cable RG217 as per users requirement. iii) Repeater should have inbuilt power supply.
Programming Kit : Programming kit with all the necessary software & hardware required for programming of Radio independently with lifelong support with regular updates.
Literature : i) User manual with each Radio free of cost in soft as well as hard copy. ii) Technical Repairing & maintenance Manual in soft as well as hard copy with complete block diagram, circuit layout, components & wiring diagram in soft as well hard copy.

2. Technical Specification of DMR VHF(HB) Static Radio with DC Power Supply		
Frequency		VHF (HB) Full Band
TDMA		2 -Slot
Channel Capacity		255 or more (Set with Display)
Operating Voltage		DC (10.8 V to 15.6 V)
Protection		Reverse polarity & Protection against High VSWR
Frequency Stability		± 1.5 PPM or better
Antenna Impedance		50 Ohm
Weight		Less than 2Kg
EMI/EMC		As per ETSI EN 301 489-1 & ETSI 301 489-5/ TEC/SD/DD/EMC-221/05/OCT-16 or equivalent. (Firm will submit certificate not older than 3 years of Govt. Lab/ ILAC/NABL Accredited Lab.)
Display		Colour
Air Interface		Shall be open standard DMR Tier - II
Transmitter	RF Power O/P	5 to 25 Watt or more (Programmable)
	FM Emission	11K0F3E,7K60FXE,7K60FXD,7K60FXW
	Digital Modulation	4 FSK
	Modulation Limiting	± 2.5 KHz @ 12.5 KHz or better
	FM & Hum & Noise	-40 dB or better
	Adj. Ch. Power	-60 dB or Better
	Audio response	+1, -3dB
	Audio Distortion	Less than 3%
	Digital Vocoder	AMBE +2 or better
Receiver	Sensitivity	[Analog: 0.3µV(12 dB SINAD),Digital: 0.30µV at 5% BER]or better
	Adj. Ch. Selectivity	60 dB or Better
	Inter-modulation	70 dB or Better
	Audio O/P	Minimum 3W
	Audio Distortion	Less than 3%
Environmental (Firm will submit certificate not older than 3 years of Govt. Lab/ ILAC/NABL Accredited Lab.)	Operating Temp.	-30° C to +55° C
	Storage Temp.	-40° C to +70° C
	Humidity	95% Max. at +40° C Non Condensing
	Vibration	MIL-STD -810 G or better
	Shock & Drop	MIL-STD -810 G or better
	Water Intrusion/Dust	IP-54 or better
	Salt, Rain, L/Pressure	MIL-STD -810 F/G
	GPS	Should be inbuilt into Radio not as an accessories

Accessories	Microphone	DTMF/ Keypad Microphone should be supplied with Radio.
	Battery cable & Mounting fixtures	Should be supplied with Radio
	Programming Kit	All necessary latest programming software and hardware required for the set will be provided.
	Literature	i) User manual with each Radio free of cost in soft as well hard copy. ii) Technical Repairing & maintenance Manual in soft as well as hard copy with complete block diagram, circuit layout, components & wiring diagram in soft as well hard copy.
Configuration	i)Caller id display	Should be available
	ii)Busy channel locks out	Should be available
	iii)Scan with priority	Should be available
	iv)Transmitter Time out Timer (TOT)	The time should be programmed to best suit the application
	Mode of calls	Selective call, Group call, Inter and Intra Group call facility.
	Remote radio Kill/ Stun/ Revive facility with authentication/ acknowledgement	Should be available
	Mode of operation	Radio should operate in Analog and digital mode and Compatible with existing all type of VHF Analog and DMR radio sets.
	Emergency button (Optional)	Allows a user to obtain help in critical situations.
	SMS Texting	Should be capable of sending predefined mgs and minimum 45-character short mgs from key pad.
	Programming	Front panel programming with password protection or PC programming.
	Support GPS	Inbuilt GPS system with accuracy of less than 10 meters.
	Networking	Should be IP based for automatic roaming etc.
	Communication security user defined key	System should have in-built AES 256 bits or better encryption system and should also have provision to support 3rd party encryption. (Firm will submit certificate not older than 3 years of Govt. Lab/ ILAC/NABL Accredited Lab).
	OTAP (over the air programming facility) (optional)	Should be available

3. Technical Specification of DMR VHF(HB) Handheld Radio with Battery Charger & 02 nos. of Battery		
Frequency		VHF (HB) Full Band
TDMA		2 -Slot
Channel Capacity		255 or more (Set with Display)
Channel Spacing		12.5 KHz
Battery		2000 mAh L-ion/Li-Poly rechargeable battery with belt clip or higher with BIS standard
		Average Duty Cycle of 5/5/90 , 10 hrs or more
Frequency Stability		± 1.5 PPM or better
Antenna Impedance		50 Ohm
Weight		Less than 500 grams with battery
EMI/EMC		ETSI EN 301 489-1 & ETSI 489- 5/(OEM certification supported by International Recognised Laboratory)
Display		Colour Display
Air Interface		Shall be open standard DMR Tier - II
Transmitter	RF Power O/P	1 – 5 Watt (Programmable)
	FM Emission	11K0F3E,7K60FXE,7K60FXD,7K60FXW
	Digital Modulation	4 FSK
	Modulation Limiting	± 2.5 KHz @ 12.5 KHz or better
	FM & Hum & Noise	-40 dB or better
	Adj. Ch. Power	-60 dB or Better
	Audio response	+1, -3dB
	Audio Distortion	Less than 3%
	Noise Cancellation/ Suppression	Active Noise Cancellation/ Suppression
	Digital Vocoder	AMBE +2 or better
Receiver	Sensitivity	[Analog:0.3µV(12 dB SINAD) , Digital : 0.30µV at 5% BER] or better
	Adj. Ch. Selectivity	60 dB or Better
	Inter-modulation	70 dB or Better
	Audio O/P	Minimum 500mW
	Audio Distortion	Less than 3%
Environmental (Firm will submit certificate not older than 3 years of Govt. Lab/ ILAC/NABL Accredited Lab)	Operating Temp.	-30° C to +55° C
	Storage Temp.	-40° C to +70° C
	Humidity	95% Max. at +40° C Non Condensing
	Vibration	MIL-STD -810 F/G
	Shock & Drop	MIL-STD -810 F/G
	Water Intrusion /Dust	MIL-STD-810 F/G or IP-67
	Salt, Rain,L/Pressure	MIL-STD -810 F/G
Battery Charger (with 02 nos. of Battery)	I/P Voltage	230V ± 10% ,50Hz
	O/P Voltage	As per the battery pack(Information to be provided by OEM/Vendor)
	Battery Type	Li-Ion/Li-Poly
	Protection	Reverse Polarity & Short Circuit protection
	Indications	Visual indication for all modes of charging status
	Charging time	Rapid Charger : 1 to 3 Hrs
Hands free Kit	Hands free Bluetooth headphone compatible with Handheld sets.	
Programming	Programming kit with all the necessary software & hardware required for programming of Radio independently with lifelong support with regular updates	
Literature	i) User manual with each Radio free of cost in soft as well hard copy ii) Technical Repair & Maintenance Manual in soft as well as hard copy with complete block diagram, circuit layout, components & wiring diagram etc.	

Carry Case	Rugged Carry case with Belt Clip	
GPS	Should be inbuilt into Radio not as an accessories	
Configuration	i)Caller id display	Should be available
	ii)Facility for locking the channel or key pad locking	Should be available
	iii)Scan with priority	Should be available
	iv)Transmitter Time out Timer (TOT)	The time should be programmed to best suit the application
	Mode of calls	Selective call, Group call, Inter and Intra Group call facility.
	Remote radio Kill/ Stun/ Revive facility with authentication/ acknowledgement	Should be available
	Mode of operation	Radio should operate in Analog and digital mode and Compatible with existing all type of VHF Analog and DMR radio sets.
	Emergency button (Optional)	Allows a user to obtain help in critical situations.
	SMS Texting	Should be capable of sending predefined mgs and minimum 45-character short mgs from key pad.
	Programming	Front panel programming with password protection or PC programming.
	Front Panel/ DTMF alphanumeric keypad with backlit	Should be available
	Battery strength bar	Should be available
	Support GPS	Inbuilt GPS system with accuracy of less than 10 meters.
	Networking	Should be IP based for automatic roaming etc.
	Communication security user defined key	System should have in-built AES 256 bits or better encryption system and should also have provision to support 3rd party encryption. (Firm will submit certificate not older than 3 years of Govt. Lab/ ILAC/NABL Accredited Lab).
	OTAP (over the air programming facility) (optional)	Should be available
	Bluetooth (optional)	4.0 version or better

Sl	Name	4. Technical Specifications of Accessories
1.	Co-axial Cable	Type : RG 217 (Flexible) , Cable length : 30 Meter ,
		Signal loss : Not more than 2 dB ,
		Conductor : Pure Copper Solid inner conductor & Pure Copper braid outer conductor
		Outer Cover : PVC , Power handling : Minimum 25 watt
		Connector : As per the users requirement
		Warranty : 02 Yrs or more
2.	VHF(HB) GP Antenna	Frequency : 136 MHz to 174MHz
		Antenna Gain : 6 dB (Omni Directional) or better
		Antenna impedance : 50 Ohm
		Wind Resistance : 100km/hr or better
		Connector : As per the requirement
		Power handling : Minimum 25 watt
		Fixtures : Mounting Clamp with Nut/bolt/Screw to fastened into Antenna pole
		Warranty : 02 Yrs or more
3.	VHF(HB) Whip Antenna	Frequency : 136 MHz to 174MHz
		Antenna Gain : 3dB (Omni Directional) or better , Antenna Base : Heavy Duty Magnetic Base (4 inch Dia)
		RF Cable : RG 58 , RF Cable Length : 3 Meter , Loss : 0 dB
		Material : Pure Copper core & Pure Copper braid , Connector : As per users requirement
		Impedance : 50 Ohm ,Power handling capacity : 25 watt or better, Wind resistance : 100km/hr or more
		Warranty : 02 Yrs or more
4.	Laptop (for software programming of Radios)	13th Generation or better
		Core i7 or better
		16 GB RAM or better
		512 GB SSD or better
		Win-11 or latest
		MS Office
		Iris graphic with bag
		Warranty : 02 Yrs or more

Annexure-B

Bill of Quantity (BOQ)

Sl.	Name of Item	Approx. Qty.
1.	Digital VHF (HB) Static Radio with DC Power Supply.	593
2.	Digital VHF (HB) Handheld radio (with Battery Charger & 02 nos. of Battery).	883
3.	VHF Co-Axial Cable.	204
4.	VHF (HB) GP Antenna.	204
5.	VHF(HB) Whip Antenna.	386
6.	Digital VHF(HB) Repeater with Accessories.	04
7.	Laptop (for software programming of Radios)	02
8.	Programming kit with all necessary software and hardware	10
9.	User manual	10
10.	Technical repair and maintenance manual	10
11.	Installation and commissioning of all Static Sets at Static Locations.	As required.
12.	Installation and commissioning of Digital VHF(HB) Repeater with all Accessories.	As required.
13.	Training of User Staff (Operator and Technician) at User's location.	At least 20 Wireless Operator and Radio Technician.

DEED OF AGREEMENT

This agreement is made on .....between the M/s ..... hereinafter called the FIRST PARTY (which term includes their authorized representative) and the Governor of Arunachal Pradesh, represented by Superintendent Police (Telecom) on behalf of Director General of Police, Arunachal Pradesh having his office at Itanagar, 791113, District Papum - Pare hereinafter called the SECOND PARTY (which includes his successors, assignees, executors and WHEREAS SECOND PARTY has placed the order for supply of ..... vide .....Arunachal Pradesh Police Headquarters Supply order No. .....dated .....and the FIRST PARTY has accepted the said supply order.

Terms and Conditions -

1. The FIRST PARTY agrees to supply the items **within 90 days** from the date of receipt of Supply Order.
2. That the FIRST PARTY agrees that in the event of failure, declining, neglecting or delaying intentionally to comply with the terms and conditions of Agreement, the SECOND PARTY will be at liberty to cancel the supply order and forfeit the security deposit and initiate legal proceedings.
3. A sum equivalent to 0.5% of the delivery price of the delayed items for each week delay or part thereof beyond the original contract delivery period will be recovered by SECOND PARTY up to a maximum of 10% as Liquidated Damages.
4. The FIRST PARTY agrees to deposit 5 % of the total value of the contract as SECURITY DEPOSIT in the Form of Irrevocable Bank Guarantee of any Nationalized Bank pledged in favour of the SECOND PARTY at the time of signing this agreement valid for a period of 60 days beyond warranty period (i.e Warranty period + 02 months handling) from the date of receipt of stores to ensure satisfactory performance of the supplied items.No interest shall be paid by the SECOND PARTY to FIRST PARTY on such deposits.
5. The SECOND PARTY agrees to release the performance security to FIRST PARTY after 02(two) months from the end of Warranty period obtaining satisfactory reports indicating that no manufacturing defects or variation from approved sample have been detected.
6. The FIRST PARTY agrees to supply the items mentioned in Supply Order at the location ,install & commission as per the requirement of 2nd Party without any additional cost , cess , road taxes etc.
7. The FIRST PARTY shall submit the bills along with delivery Challan within a period of 15 days from the date of Acceptance of Stores by government nominated Verification Committee.
8. The FIRST PARTY agrees to provide agreed to provide warranty of minimum 02 years on all the WT items & Accessories to the SECOND PARTY [except for Digital VHF(HB) Repeater and its accessories which shall have 02 years of Onsite Warranty] from the date of Acceptance of Stores by government nominated Verification Committee.
9. Any Agreement made between FIRST PARTY & OEM, Dealer,Distributer etc. for supply of items quoted by FIRST PARTY shall have no any legal binding on the SECOND PARTY who placed the supply order.
10. In case of any disputes ,arbitration shall be held in District Session Court,Yupia (Arunachal Pradesh) or such other place as the DGP (A.P) at his discretion may determine and conduct in accordance with the provision of arbitration and conciliation Act,1996 or any statutory modification or re-enactment thereof . In this clause , the expression DGP Arunachal Pradesh includes if thereby DGP is on leave or absent from duty or is not available for any reason whatsoever , the officer who is looking after the current duties of DGP Arunachal Pradesh whether in addition to other function or otherwise .

Superintendent of Police (Telecom)
Chimpu Itanagar
Arunachal Pradesh

Name of Firm
Postal Address
E-mail & Contact No.