

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

NO.PHQ (Prov) - 08 /2019-20 (PT-I)

Dated Itanagar, the ¹⁶ March, 2020.

LIMITED TENDER NOTICE

1. Director General of Police, Arunachal Pradesh, invites sealed tender on plain paper in two bid system (Technical Bid and Price Bid) from the manufacturers, authorized agents and dealers of reputed firms for entering into contract for supply of the following security/ surveillance equipments for Arunachal Pradesh Police during the year 2019-20. The sealed tenders will be received up to 1100 hrs on ~~20~~ ¹⁶ 03/2020 which will be opened at 1130 hrs on the same day. The tender value is Rs. 20.00 lakhs approx. The tenderers or their authorized representatives may remain present at the time of opening of tenders. The tenders received after scheduled date and time will not be entertained.

Sl No.	Name of Item	Specifications	Quantity (In nos)
1	Binocular (Day Vision)	Magnification	20x
		Objective Diameter (Entrance Pupil)	80mm
		Exit pupil	3.5 to 4mm
		Eye relief	15mm to 8mm
		Light Transmission to the viewer without laser filter	≥ 85%
		Optics coating	Fully Multicoated
		Field of View	Angular : Minimum 2.75° or better
		Apparent field of View	Minimum 55°
		Dioptric range	± 5 d or better
		Inter papillary distance	56-72mm
		Operating Temp Range	-40 ° to +60 °
		Weight of Binocular with OG cover	Hand Held 3.2 kg maximum
		Nitrogen pressure filling	One way or Two way valve system
		Quality parameter	All unit/ sub unit must comply Mil Grade 810 G Standard.
		Environmental Protection	Must comply to IP-67
		Laser protection filter Class 1 eye safe	Required
		Prisms (Roof)	BAK4/ Similar or better
		Rubber armouring	Non-slip UV-resistant
		Body Structure	Fibre Re-inforced polycarbonate rubber armoured housing
		ISO certification for FOV	ISO 14132-1:2002
	Suitable, ruggedized, anti corrosion coated/ painted Tripod should be provided.		
	Hard and ruggedized transportation box should be provided.		
2	Hand Held Search Light	<p>1. <u>CASING/ BODY</u></p> <p>Casing /Body of HHSL should be tubular heavy duty water resistant and one piece moulded with integral handle of ABS . It should be light, impact proof and corrosion proof. Should be able to withstand impact from one meter on hard surface.</p>	200 Nos.

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- a) Maximum weight including battery = ~~3.8 kgs~~ 3.8 kgs
- b) Length maximum = 35 cms
- c) Front dia maximum = 22 cms
- d) Rear dia maximum = 19 cms

2. CONSTRUCTION :

- a) Modular construction consisting of replaceable modules for ease of servicing/repairs.
- b) The lamp should be replaceable by unscrewing the front cover.
- c) Battery and blown Fuses should be replaceable without disturbing Electronic Circuit.
- d) Colour of the casing should be preferably Black or Olive Green.
- e) Makers name should be clearly printed on the body of the Cabinet
- f) Operational instructions in brief should be printed on the casing of the body

3. OPERATING TEMPERATURE : Equipment should be able to operate satisfactorily in the temperature range of - 20 degree C to 55 degree C and 95% RH at 40 degree C. National/International accredited lab. Certificate should be furnished by the firm alongwith the tender document.

4. BATTERY : Rechargeable sealed minimum 12 volts and minimum 7 AHC maintenance free batteries.

5. HOUSING OF BATTERY

- (a) Housing for the battery should be provided in the cabinet/casing of equipment .
- (b) There should be adequate space around the battery in the battery housing for dissipation of heat developed in battery while charging.
- (c) The battery fuse should be easily accessible from out side for ease of replacement.
- (d) The battery compartment should not be over crowded by placing electronics all around it..
- (e) All electronics should be placed on lamp end of the search light.
- (f) Electronics should not be in direct contact with body of the battery.
- (g) The housing should be such that the battery could be replaced easily.

6. CIRCUIT :

- a) Glass epoxy PCB
- b) Electronic component nomenclature should not erase.
- c) Wire should be heavy duty.
- d) PCB should easily be removable for repairs.
- e) Moulded modules should not be used at any stage.
- f) Electronic circuits should not be sealed at any stage.
- g) Any additional circuitry for facilitating like traffic light, LCD display, torch light etc. will not be acceptable to avoid complexity in circuit.

7. **Minimum Continuous Operation** : Should operate minimum of 90 minutes continuously.
8. **WIRING** : Wiring should be neat and clean using minimum number of wires for ease of serviceability. Wire should be heavy duty.
9. **SWITCHES/SELECTOR** : Suitable control for ON/OFF and function like flasher, dimmer and timer.

Single rotary selector for all the following modes :

- a) Continuous/direct light.
 - b) Minimum 2 positions for dimmer to extend battery life to 2 and 5 hrs respectively.
 - c) Flasher to give 45 flashes (+ 2 flashes) per minute
 - d) Timer 1 minute
10. **BATTERY STATUS** : Low battery indicator and DC blown fuse indicator should be provided.
11. **BEAM DISTANCE/RANGE** : Search light should be able to detect a group of moving persons at a distance of 400 meters minimum.
12. **REFLECTOR** :
- a) Parabolic reflector mounted in the shock resistance cap of good quality rubber.
 - b) Sealed/glass beam reflector should not be used.
13. **FRONT GLASS** : The glass should be of a good quality and should be heat and shock resistant. It should not crack when water droplets fall on it when used continuously.
14. **SHOULDER STRAPS** : Shoulder straps should be adjustable, should be minimum 150 cms long, 3 cms wide, made of good quality nylon and the metallic part to connect the strip to the search light should be coated with non shining paint/non fluorescent/non phosphorescent. Strap should have a pad of minimum 20 cm long, 5 cm wide and 1 cm thick.
15. **BATTERY CHARGER** :-
- (a) In built battery charger.
 - (b) Input voltage 90 to 270 volts, 50 HZ single phase AC
 - (c) Charging time maximum 10 hrs.
 - (d) Charging Status: Charging and fully charged indication should be provide through LED.
 - (e) Adequate protection shall be provided against short circuit, bty over charge, bty deep discharge and reverse polarity.
 - (f) When battery voltage drops to around 10.5 V advance low battery indication should be provided through LED and battery should cut off at 10.5v ($\pm 0.2V$).
16. **RESTING SUPPORT**: Should be provided on front and back cover plates as well as on the body of the casing.
17. **POWER CORD**: 3 meters long fitted with suitable connector.

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		18. Misc (i) User manual should be provided with each equipment. (ii) Technical manual including schematic diagram and spare parts list should be provided.	
3	Folding Table	Folding table with Sun mica wooden top, steel frame and foldable steel legs. Size- 3.5 x 2 x 2.5 ft. (L x B x H), Best Quality.	05 Nos.

2. All the tenders must be accompanied with Earnest Money of Rs. 40,000/- (Rupees twenty thousand) only. Tenders without the Earnest Money will be summarily rejected. The tenderers are required to pledge National Saving Certificate/ Kishan Vikash Patra/ TDR/FDR/Demand draft etc. of Nationalised Bank/Post Offices in the form of Earnest Money/Security Money in the name of the Head of Office i.e. AIGP (E) from which the work is being allotted to them.
3. The tenders must accompany with valid attested copy of GST Registration certificate.
4. The tenders must also accompany with valid license for trading of the tendered item.
5. The letter of authority in respect of authorized distributors/dealership must be furnished along with the tender.
6. The tenderer should quote for one model only of each item. Offer/quotation for more than one model will not be considered. Technical compliance statement should be submitted along with the tender clearly specifying deviation, if any, for all the specifications mentioned above. The tenderers should submit detailed specifications of the item along with the catalogue (Original)/ Booklets/ Literature/ Photographs etc. **The tenderer must also submit sample of Binocular (Day Vision) and Hand Held Search Light along with the tenders.**
7. The rates should be quoted in the tenders/quotations for the item (s) and GST separately. The rates also should be quoted for F.O.R. Central Stores, PHQ, Itanagar. Rates quoted other than F.O.R Central Stores; PHQ Itanagar shall not be accepted. No packing or forwarding charges will be allowed. The rates should be quoted both in figure and in words clearly.
8. Tenders should be addressed to the Asstt. Inspector General of Police (E) by designation and not by name. The separate sealed envelope containing Technical Bid and Financial Bid should be subscribed as "**Tender for supply of equipments for Arunachal Pradesh Police for the year 2019-20**" and be sent by Registered Post/courier or be put in the tender box kept in the office of the Deputy. Supdt. of Police (Prov), PHQ, Itanagar during office hours. **The tenders received after scheduled date & time will not be entertained.**
9. Successful tenderers will be required to deposit 5% of the total value of the articles to be supplied as security money within 10 days from the date of issue of letter of acceptance of tender. The successful tenderers will have to enter into a "DEED OF AGREEMENT" stipulating the Terms and Conditions of the contract. Security money will be subject to forfeiture in case of non-fulfillment of any or all the Terms and Conditions of contract. Earnest Money of the successful tenderers will be forfeited to the Government in case of failure to furnish security money and execution of "DEED OF AGREEMENT".
10. Successful tenderers will have to supply the items within 15 days from the date of issue of supply order/deed of agreement failing which 5% of the total value of the articles to be supplied will be forfeited and supply order cancelled. The stores supplied must be of the same specifications and quality as per the tender.
11. Quantities mentioned above are all approximation and subject to variation as per actual availability of funds.

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12. Any breakages or loss of any item (s) enroute or in transit will be at the supplier's risk.
13. The successful tenderer has to demonstrate the items at the time of delivery. If the items are not found as per specifications, the entire lot will be rejected.
14. If any item is found damaged or otherwise unacceptable at the time of delivery/inspection, the suppliers will be required to remove the same from Central Store, PHQ, Itanagar Arunachal Pradesh at their own cost within 15 days. The equivalent replacement of approved quantity should be supplied within 15 days or the equivalent value in terms of money will be deducted.
15. Payment will be made to the supplier directly on completion of supplies and on receipt of stores. Document/Vouchers/R.R.S bill etc. routed through Bank will not be accepted.
16. The items supplied shall be on warranty for the periods as mentioned with specifications.
17. Tenders will remain valid up to 31-03-2021.
18. The Director General of Police, Arunachal Pradesh, Itanagar reserves the right to reject the lowest or all or any of the tenders without assigning any reason thereof.
19. The Director General of Police of Arunachal Pradesh Police shall have the right to ask the firms to demonstrate their items before the items are accepted.
20. In case of any dispute, legal jurisdiction will be at Itanagar, Arunachal Pradesh.
21. In case of any bandh call on the date of opening of tender, the tenders will be opened on the next working day.

Sd/-
Director General of Police
Arunachal Pradesh
Itanagar
Dated Itanagar, the 12th March, 2020.

Memo NO.PHQ (Prov) - 08/2019-20 (PT-I).

Copy to:-

1. M/S Arunachal Agency House, Naharlagun, A.P.
2. M/S Trade Centre, Ganga Market, Itanagar, A.P.
3. M/S Unique Communication & Traders, Gohpur Tinali, Itanagar, A.P.
4. M/S Arihant Sales Agency, Guwahati (Assam).
5. M/S RM Traders, C- Sector, Itanagar, A.P.
6. I/C Computer, PHQ Itanagar for information and necessary action. The limited Tender Notice may be uploaded on the website of APP.
7. Notice Board.
8. Office copy.


Asstt. Inspector General of Police (E)
Arunachal Pradesh,
Itanagar