

GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE DIRECTOR GENERAL OF POLICE
PHQ: ITANAGAR-791113.

NO.PHQ/RSC/94/BE/2024-25

Dated Itanagar, the 11th March'2025

Limited Tender Notice

On behalf of the Governor of Arunachal Pradesh, Director General of Police, Arunachal Pradesh Itanagar invites sealed tenders under 2(two) Bid system (Technical & Financial Bid) from the manufacturers/ authorized dealers /agents /suppliers of reputed/ registered firms of Arunachal Pradesh in view of Govt. policy of Vocal for Local for entering into contract for supply & installation of required traffic equipments for interceptor vehicles in ICR for Traffic & Road Safety purpose in Arunachal Pradesh for the year 2024-25. The sealed tender will be received up to 1030 hrs on 19/03/2025 due to paucity of time for implementation of the scheme. This tender will be opened on the same day at 1130 hrs on 19/03/2025. The tenderers or their representative may remain present themselves at the time of opening of tender.

The tender papers containing full details with specifications and terms & conditions may also be downloaded from our website www.arunpol.nic.in. The tender fee @ Rs.1000/- (Rupees one thousand) only (non-refundable) through a bank draft payable at SBI Itanagar in favour of the SP (Road Safety & Traffic) PHQ, Itanagar Arunachal Pradesh be deposited and copy be attached. No other mode of payment will be accepted. The firms registered under MSME are exempted from earnest money deposit. The tenderer must submit copy of registration certificate of MSME & incomplete tenders are liable to be rejected.

Sd/-

Director General of Police
Arunachal Pradesh
PHQ, Itanagar.

(Not to be published)

Memo NO.PHQ/RSC/94/BE/2024-25

Copy to:-

1. The In-charge Computer Cell, PHQ, Itanagar may upload the Tender Notice in the website of Arunachal Pradesh Police www.arunpol.nic.in.
2. Notice Board.
3. Office Copy.

Dated Itanagar, the 11th March'2025

M. Kalish
11/3/25
Superintendent of Police (RS & Traffic)
Arunachal Pradesh
PHQ: Itanagar

Supdt. of Police
Road Safety & Traffic
PHQ, Itanagar
Arunachal Pradesh

M. Kalish

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

NO.PHQ /RSC/94/BE/2024-25

Dated, Itanagar, the 11th March'2025

TERMS & CONDITIONS

1. On behalf of the Governor of Arunachal Pradesh, Director General of Police, Arunachal Pradesh Itanagar invites sealed tenders under 2 (two) Bid systems (Technical & Financial Bid) from the manufacturers/ authorized dealers /agents /suppliers of reputed/ registered firms of Arunachal Pradesh in view of Govt. policy of Vocal for Local for entering into contract for supply & installation of required traffic equipments for interceptor vehicles in ICR for Traffic & Road Safety purpose in Arunachal Pradesh for the year 2024-25. The sealed tender will be received up to 1030 hrs on 19/03/2025 due to paucity of time for implementation of the scheme. This tender will be opened on the same day at 1130 hrs on 19/03/2025. The tenderers or their representative may remain present themselves at the time of opening of tender.
2. The tender value is Rs. 25.00 lakhs (Rupees twenty five lakhs) only. The tender papers containing full details with specifications and terms & conditions can be downloaded from our website www.arunpol.nic.in. The tender fee @ Rs.1000/- (Rupees one thousand) only (non-refundable) through a bank draft payable at SBI Itanagar in favour of the SP (Road Safety & Traffic) PHQ, Itanagar Arunachal Pradesh be deposited and copy be attached. No other mode of payment will be accepted. The firms registered under MSME are exempted from earnest money deposit. The tenderer must submit copy of registration certificate of MSME. Incomplete tenders are liable to be rejected.
3. All the tenders must be accompanied with Earnest Money deposit of Rs. 1, 00,000/- (Rupees one lakh) only and without it, tender will be summarily rejected. The tenderers are required to pledge NSC/KVP in the form of earnest money security deposit in the name of the SP (Road Safety & Traffic) PHQ, Itanagar Arunachal Pradesh. The tenderers within the state of Arunachal Pradesh should purchase the NSC/KVP from the post office located at Arunachal Pradesh as per Govt. order No. DSS/Accts/2/99-2000 dated 17/3/2011. Bid security (earnest money) also may be purchased in the form of account payee Demand Draft, Fixed Deposit Receipt, Banker Cheque or Bank Guarantee from any of the commercial Banks in an acceptable form located in Arunachal Pradesh.
4. The tender documents must be provided in 02(Two) sealed covers.
Cover-1:- It shall contain scanned copies of eligibility document as under:
 - i. Technical bid along with its specifications leaflet, brochure, catalogue/literature, if any, of each tendered item. Tender documents duly completed and signed but without indication of the rates "Quoted". Earnest Money must be attached as per above mentioned in SI No. 2. They must submit copy of registration certificate of MSME.
 - ii. Self-attested copy of PAN card/ firm registration/ GST Registration/ Valid Trading license/ Letter of authority in respect of authorized distributors or manufacturer of the articles for interceptor Controller / dealership etc.
 - iii. Latest financial soundness / Bank solvency certificate or C.A. Certificate. Bidder should be authorized distributor or manufacturer for required traffic equipments for interceptor vehicles and ISO Certified Company (Enclose all relevant documents) and any other relevant document which the firm wishes to submit.
 - iv. OEM should have a service centre and ISO certification. The items should not be of Chinese origin in any way and preference will be given for "Make in India" products.

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- v. The DGP AP reserves the right to cancel the tender/ contract at any time without assigning any reason thereof. Further, there can be increase or decrease in quantity of the items as per availability of fund.
- vi Bidder should submit the Affidavit (Non- Judicial Stamp paper of Rs.100) stating that the bidder shall supply & install traffic equipments for interceptor vehicles. An undertaking should be provided stating that neither the bidder nor the OEM/ Manufacturer/Principal supplier has been debarred/ blacklisted by any State/ Board/Corporation /Central Govt. Department/PSU/ Autonomous Bodies at the time of submitting the tender. The Affidavit /declaration is to be submitted in the technical bid.

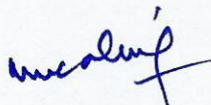
Cover-2:- It shall contain documents on "Financial Bid" and shall be opened only of those bidders who have been declared technically qualified by the committee. The criteria for eligibility and qualifications are to be met by the bidders such as minimum level of experience/past performance (if any), facilities and financial position etc. The date of opening of "Financial Bid" will be intimated to the firms which are found technically qualified in due course of time or as per board direction.

GENERAL INSTRUCTIONS:

1. The tenders received after scheduled date & time will not be entertained. The tenderers or their representative may remain present at the time of opening of tenders. Rates must be clearly written items wise separately in figures as well as in words. There should not be any cutting/over writing.
2. The firms will have to submit self-attested documents and when required submit original including EMD, cost of tender documents in the office of the Superintendent of Police (RS & Traffic), Police Headquarters, Itanagar, Arunachal Pradesh on 19/03/2025 at 1030 hrs. The experience certificate (if any) must contain name designation, address, Phone No., e-Mail ID of issuing officer. The certificate should be countersigned by concerned office & head of the department.
3. In case, tender opening day is declared as holiday or bandh call at Itanagar, the tenders shall be received up to next working day till 1030 hrs and opened on the same day at 1130 hrs. The bidders should keep checking the website for any addendum/corrigendum to the notice/bidding documents till the date of submission of bids and the bidder should incorporate the same in his bid documents.
4. Conditional bids of tenderers/firms and the bids not meeting the qualifying criteria on the date of receipt of bids shall be summarily rejected. Bids will be opened as per time & schedule mentioned.
5. Before submission of bids, bidders must ensure that scanned copy of all the necessary documents have been attached with bid. The department will not be responsible for delay in submission due to any reason(s). All the required information for the bid must be filled up and submitted.
6. The details of EMD and other documents specified in the tender documents should be same as submitted (scanned copies), otherwise tender will be summarily rejected. Technical compliance statement should be enclosed along with technical bid clearly specifying deviation, if any, for all specifications mentioned in the tender.
7. Successful tenders 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 or bid security may be kept for said purpose. The successful tenderers will have to enter in to a "DEED OF AGREEMENT" stipulating the Terms & conditions of the contract. Security money will be subject to forfeiture in case of non-fulfilment of any or all the terms & 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".
8. Successful tenderers have to ensure supply, Installation & commissioning of articles for interceptor vehicles within 45 days from the date of issue of supply order for said purpose as per direction of the authority of the concerned department. In case of failure to supply/installation of the said items, the firm is liable to be blacklisted.

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9. Any breakages or loss of any item(s) in route or in transit will be at the supplier's risk. 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 RSC Store, PHQ, Itanagar, Arunachal Pradesh at their own cost within 15 days. Rate should be quoted F.O.R. RSC store PHQ, designated location at Itanagar, Arunachal Pradesh by Road Transport (freight paid) with complete installation. Rates quoted other than F.O.R. RSC store, PHQ, Itanagar; Arunachal Pradesh shall not be accepted. No packing or forwarding charges will be allowed. Any Entry Tax/Custom duty charge (where or as applicable) may be charged by the tenderers & shown separately along with tendered rate of the article. Tenders will remain valid up to 31/03/2026.
10. The GST will be mentioned against each item as applicable for further action as required. Payment will be made to the supplier directly on completion of supplies/installation and on receipt of items in stores.
11. Tenders should be addressed to the undersigned by designation and not by name. The sealed envelope containing the tender should be subscribed as "Tender for supply/installation/Commissioning of items for Interceptor Vehicle for Road Safety & Traffic PHQ, Arunachal Pradesh Police for the year 2024-25" and be sent by registered post or be put in the tender box kept in the office of RSC, PHQ, Itanagar during the office hours.
12. Consignment will be dispatched by the firm after payment of freight charges at source. Freight to pay consignment will not be accepted. The tenders must also accompany with attested copy of Tax Registration Certificate with TIN and valid attested trading license issued by the competent authority of Arunachal Pradesh for the items tendered and rates quoted by them. Tenders must be legible and clear in all respect or else the tender shall be liable to be rejected.
13. Name of the articles with their description and specifications are enclosed herewith at **Annexure-A**. The letter of authority in respect of authorized distributors/dealership must be furnished along with the tender as applicable. The Director General of Police of Arunachal Pradesh shall have the right to ask the firms to demonstrate their items before the items are accepted.
14. Tenders accompanied with more than two varieties of items and rates for each item shall not be entertained. Once the item is approved, no change of shade, pattern or quality specifications will be entertained even on the plea of non- availability of raw materials or alternative offers of the same quality.
15. Supply, installation and commissioning and warranty up to 2 (Two) years from the date of acceptance.
16. In case of any query the tenderers may contact In-Charge Road Safety Cell PHQ, Itanagar Arunachal Pradesh Mobile No. 7005642553.
17. Graded liquidated damages for delay in delivery of all or any good or performance of services will be liable for as under:-
 - a. For first 30 days @ 1% of value of the goods.
 - b. For next 60 days @ 2% of value of the goods.
 - c. For delay above two months/ over & up to 4 months @ 4% of value of the goods.
 - d. Beyond 4 months and up to 6 months @ 5% of value of the goods & on expiry of 6 months the contract would automatically get nullified & security money deposit would be forfeited.
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. In case of any dispute, legal jurisdiction will be at Itanagar, Arunachal Pradesh.



Note:- A Pre- Bid meeting will be held on 15/03/2025 at 1130 hours in the official chamber of the Inspector General of Police (Admn) PHQ, Itanagar.

Please be advised that only those firms who attend this Pre-Bid meeting will be eligible to participate in the tender for procurement/Installation of required items for interceptor vehicles. Firms that do not attend the meeting will be disqualified from the tender process.

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11/3/25

Superintendent of Police (RS & Traffic)
Arunachal Pradesh
PHQ: Itanagar

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TECHNICAL SPECIFICATION OF INTERCEPTOR MACHINE WITHOUT VEHICLE**General Configuration**

1. **Laser based range and speed monitoring system** with camera.
2. Recording of violator vehicles speed, distance, date, time, allowable speed limit, GPS Location, serial number along with Data Encryption/ Data embedded on the image overlay.
3. Review of violator vehicle images including time.
4. On board power supply to support the entire system for a minimum of 8 to 10 hours of operation.
5. **Professional Breath Alcohol Analyzer** with camera, and inbuilt thermal printer using standard paper.
6. **Tint Enforcement Meter:** one -piece design for testing all windows in an automobile (Front, side, rear).
7. **Vehicle Customization and Livery:** - Suitable Sticker on the vehicle in reflective tape as per format approved by Police Department should be provided as part of supply and customization.
8. **LED Roof Light Bar** should be unbreakable Poly Carbonate of >1.0 meter or equivalent.
9. Other accessories and Utilities like cabin power outlets, Customized Storage Racks etc. to be based on a vehicle.

Accessories & Utilities:

1. Custom control, interconnect cable, wiring shall be duly harnessed, related connector, couplers, socket shall be duly crimped. Relays, Flasher, Switches, Meters and Protection devices electrical insulation used should be standard in quality & to be best suited for entire unit.
2. Standard Hardware & accessories.
3. Fabrication of unit shall be designed in such a manner that sitting arrangement of operators shall be convenient, comfortable, durable and rugged for outdoor operation.
4. Console should be fabricated in MS with powder coating and aluminum chequered plate.
5. Suitable density fiber board duly laminated / post laminated water proof ply should be used for fabrication.
6. Instrument should be fitted in backside of vehicle by vendor or as per the direction of department.

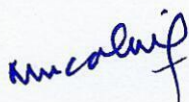
Other Conditions / Requirements”:- Laser technology should be able to integrate with APP E-Challan without any extra charges in future.

1. OEM (Original Equipment Manufacturer) should have authorized service centre in INDIA.
2. Certification for imported equipment (laser gun): - US-DOT, NHTSA, IACP or equivalent certification has to be provided.
3. At the time of demonstration, the vendor must bring fully calibrated instruments and other peripherals with them.
4. The vendor shall provide a 02 year warranty including comprehensive annual maintenance contract from the date of supply. During the warranty/AMC period, the vendor should be responsible for maintenance and calibration of the system including spares and accessories. After that vendor shall provide 03Years AMC for the Equipments.
5. The vendor should impart training for at least 5 Traffic Police Personnel about the usage and handling of the instruments at no extra cost within two years of service period.
6. The vendor should provide support and service in the warranty period.
7. External Livery should be made as per APP design.

A) Laser Speed Gun: -

1. Distance Measuring Range: Essential 10 meters to 2400 meters, or better.
2. Distance Image capturing range with legible Number Plate: 10-150 Meter (Day) and minimum up to 75 Meter Night with built in IR.
3. The system should be compact and with latest laser technology with IACP Certification.

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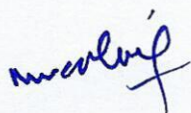
4. Laser Measuring Time: less than 0.3 second.
5. Laser Beam Divergence: 0.2 meter or less at 100 Meters.
6. Speed Range: 0 to 320 Km /hr.
7. Distance Accuracy: +/- 20 cms or better.
8. Speed Accuracy: +/- 2Km/hr up to 100 km speed +/- 3 above 100 km speed.
9. Modular Construction for ease of service and reparability.
10. Precision revolving video head ensuring very smooth and precise panning / tilt operations.
11. **Essential Automatic / Manual measurement modes:** Should Measure approaching and departing traffic. In Automatic mode, the unit should function without any human intervention for a particular lane and capture all vehicles above set speed limit with legible number plate and speed details.
12. Essential absolute documentary evidence, Sighting laser spot dimension should correspond to laser spot for un-ambiguous identification of targeted vehicle.
13. **Multiple Speed Modes:** The system should be capable of inputting various speed limits, which should be easily instantly switch the speed limits by operator as and when required.

Camera System Data

14. Measured Speed, date, time, (hour, minute, second), Device serial number, GPS used for capturing violation, Operator ID, Location, Defined Speed Limit, etc. shall be printed on the customized print-out for Police Dept.
15. Inbuilt memory capacity of at least **256 GB SSD (SD card should not allowed)** with an internal storage device and should be downloadable later on to a station computer and communication interface via USB and WiFi.
16. **Automatic License Plate Recognition via Image:** Essential Number Plate legible minimum up to 120 meter in daytime and minimum up to 80 meter in nighttime. It should have Light Compression mode to enable enforcement of vehicles with head lights masking to obtain a readable number plate at up to minimum 50 meters (on HSRP number plates) during night time.
17. **Zoom:** At least 30X Optical Zoom or better.
18. Flash Details: a) IR Flash – Minimum Illumination for imaging
b) Should not deter the driver. c) Flash shall be integrated part of camera. d) Flash unit shall not require separate power unit.
19. Laser Reflecting Indicator: Acoustic / Visual.
20. Poor Weather Measurement Mode: Essential – workable in dusk and all-time weather.
21. Battery Operating Time: At least 06 to 8 hours of continuous operation.
22. Stored Data: Shall be temper proof with data embedded/encrypted / overlaid/ superimposed on the image. Stored data will be available in the form of video files, which are indexed based on date or time of violation for quick retrieval if needed.
23. Dimension: Compact and weight of camera including laser-measuring device computer and Flash shall be not be more than 4 Kg. Display of at least 10 inch" TFT Touch Screen display or better with sun-light readable is essential.
24. Operating Temperature: 0 to 50 degree centigrade.
25. Measuring device Shall meet requirements of laser class 1 according to EN/ IEC/ FCC/ NHTSA/ LACP/ US-DOT.
26. Camera Resolution should be good enough to capture the legible number plate up to 180m during day and up to 100m during night with minimum 2 Mega Pixels camera or better at 25 fps or better.

Print Out Specifications of Laser Camera:

1. **Suitable Printer** for taking on spot printout of offending / violated vehicle with the evidential data encrypted / embedded / superimposed on the image.
2. **Ink Jet Printer** should be durable, light in weight and rugged for automotive / outdoor environment.



3. **Size of print** should be Minimum of A6 size.
4. **Printout retention** should be at least 2 years.
5. **The printout should have** Date- Time stamp, Location Details, GPS data, Speed Zone and Measured speed, Laser as part of image.

Battery, Mains Battery Charger:

1. Power supply to support entire system for a maximum of 8-10hours of operation with battery charging.

Software:- Software should be provided by vendor to integrate with E-challan software developed by other agency. It should be updated by vendor as and when required.

B) Breath Analyzer Specifications”

1. **Sensor:** Fuel Cell, Exclusive for Alcohol sensing only.
2. **Unit of Measure:** mg/100ml BAC (Blood Alcohol Concentration).
3. **Detection Range:** 0 to 400 mg/100ml BAC (Blood Alcohol Concentration).
4. **Accuracy:** +/- 10% or better.
5. **Data Memory:** >50,000 test results inclusive of all input data fields.
6. **Display:** LCD Back lit TFT Colour Touch screen with a size of at least 4” or better.
7. **Data Input:** Through Touch screen using Finger Touch or Stylus.
8. **Sampling Mode:** Active Blow through Mouthpiece and Passive Suction through Cup.
9. **Sampling Protection:** Mouthpiece to have Sputum/Pan Masala trap.
10. **Mouthpiece:** Eject able with LED indication of insert location or equivalent.
11. **Sampling Indication:** Audible/Visible indication of sampling progress or better.
12. **Response Time:** 5 seconds or better.
13. **Camera:** Integrated with wide Angle Megapixel Color Camera.
14. **Camera Flash:** Integrated LED Camera Flash or equivalent.
15. **GPS:** Integrated.
16. **Connectivity:** USB/Wi-Fi for Data transfer to PC.
17. **Printer-** Integrated Thermal Printer.
18. **Printout:** Must include photo of subject, GPS data and other fields.
19. **Battery:** Durable > 1800mAh NiMh/Li-ion rechargeable battery.
20. **Charger:** 230 V AC and 12 V DC and should also able to charge with Car Charger also.
21. **Working Temperature:** Climate Conditions of Maharashtra.
22. **Size:** Compact Unit.
23. **Weight:** Less than 500 gms including battery.
24. **Case:** Soft case with wide belt strap for unit hard case for full kit.
25. **Disposable mouth piece:** 100 disposable mouth piece should be provided with each unit.
26. **Data Storage / Transfer:** Data should be directly load to cloud server.

C) Tint Enforcement Meter Specifications:-

One -piece design for testing all windows in an automobile (Front, Side, Rear) Product should be ROHS complied.

Characteristics:-

1. Wavelength-550 nano meter
2. Bandwidth-50 nano meter
3. Accuracy - ± 2 percentage points.
4. Repeatability - 1 percentage point
5. Measurement Range- 0 % to 100 %
6. Temperature Range - 0° to 110° F

7. Humidity Range - 0 % to 100 % non- condensing.
8. Sample Thickness - Up to 0.25 in. (6.35 mm)
9. Sample Size - 1x1 in. (25 x 25 mm) minimum or more.
10. Testing Time - 4 seconds.
11. Effect of stray light - Not affected.
12. Light Source – LED
13. Lamp Life - 2 Years
14. Power Source - Rechargeable batteries 9 volt or better.
15. Charger - Portable Charger to charge 9v Rechargeable battery.

D) Roof Light Bar With PA System Specifications:-

1. It should be made of polycarbonate non fading unbreakable lenses (blue/red) LED lights or better. Fitment should be on suitable stainless-steel stand.
2. Integrated siren of minimum 40 watts or better.
3. Speaker horn should be integrated in light bar (40 watts or better).
4. It should be light in weight & water proof system.

List of Item in INTERCEPTOR VEHICLE

1. Laser Speed meter.
2. Customized Livery and Exteriors.
3. Rear Console fabrication and fitments.
4. Roof Light Bar with PA system.
5. Power Backups and connectors.
6. Breath Alcohol Analyzer.
7. Tint Meter.
8. First Aid Kit.
9. Fire Extinguisher
10. FAN (In Cabin Interior FAN).

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11/3/25

Superintendent of Police (Road Safety & Traffic)
Arunachal Pradesh
PHQ, Itanagar

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