



**OFFICE OF THE  
SUPERINTENDENT OF POLICE  
PURBA MEDINIPUR WEST BENGAL  
GOVERNMENT OF WEST BENGAL**

**TENDER REFERENCE NO: NIQ-4 (2<sup>nd</sup> Call)//2025-26**

Memo No.4960 /E

Dated: 31.07.2025

The Superintendent of Police, Purba Midnapore, West Bengal invites e-Tender from bonafide and reputed companies / dealers / firms for supply, delivery, installation and transportation of the following item :-

Sl. No.	Item	Quantity
1.	Drone Cameras (supply, delivery, installation and transportation)	2 Nos.
Quantity may be increased or decreased by 50%.		

**TERMS & CONDITIONS**

**1. Specification / QR**

<b><u>DRONE CAMERAS SPECIFICATIONS</u></b>	<b><u>POINTS</u></b>
<b>Take off Weight</b>	Max. 800 gms
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• Folded (without propellers)(L×W×H): L: 214-235 mm W: 97.9-101 mm H: 89-96 mm</li> <li>• Unfolded (without propellers)(L×W×H): L: 265-349 mm W:320-329 mm H:105-108 mm</li> </ul>
<b>Ascent Speed</b>	Max. 10 m/s
<b>Descent Speed</b>	Max. 10 m/s
<b>Max. Horizontal Speed (at sea level, no wind)</b>	21 m/s
<b>Max. takeoff altitude</b>	6000 m
<b>Min. flight time</b>	42 mins

<b>Min. Hovering time</b>	37 mins
<b>Min. flight distance</b>	28 kms
<b>Max. Wind speed resistance</b>	12 m/s
<b>Max. Pitch angle</b>	36°
<b>Operating Temperature</b>	-10 to 45°C (14° to 113° F) (Indicative)
<b>Global Navigation Systems</b>	At least compatible with GPS, Galileo and Beidou
<b><u>Hovering accuracy range</u></b>	<ul style="list-style-type: none"> <li>• Vertical: <ul style="list-style-type: none"> <li>±0.1 m (with vision positioning)</li> <li>±0.5 m (with satellite positioning)</li> </ul> </li> </ul> <p>Horizontal:</p> <ul style="list-style-type: none"> <li>±0.3 m (with vision positioning)</li> <li>±0.5 m (with satellite positioning)</li> </ul>
<b><u>Internal Storage</u></b>	Min. 8 GB space
<b>CAMERA</b>	
<b><u>Image Sensor</u></b>	<p>Wide-Angle Camera: 1-inch CMOS, 50MP Effective Pixels</p> <p>Medium Tele Camera: 1/1.3-inch CMOS, 48MP Effective Pixels</p>
<b><u>Lens</u></b>	<p>Wide-Angle Camera FOV: 84° Format Equivalent: 24 mm Aperture: f/1.8 Focus: 0.5 m to ∞</p> <p>Medium Tele Camera FOV: 35° Format Equivalent: 70 mm Aperture: f/2.8 Focus: 3 m to ∞</p>
<b><u>ISO Range</u></b>	<p>Video</p> <p>Normal: 100-12800 (Normal) 100-3200 (D-Log M) 100-3200 (HLG)</p> <p>Slow Motion: 100-6400 (Normal) 100-3200 (D-Log M) 100-3200 (HLG)</p> <p>Photo 100-6400 (12 MP) 100-3200 (48 MP and 50 MP)</p> <p>(Indicative: Minor deviations will be acceptable)</p>
<b><u>Shutter Speed</u></b>	<p>Wide-Angle Camera 12MP Photo: 1/8000-2 s (2.5-8 s for simulated long exposure)</p>

	<p>50MP Photo: 1/8000-2 s</p> <p>Medium Tele Camera 12MP Photo: 1/16000-2 s (2.5-8 s for simulated long exposure) 48MP Photo: 1/8000-2 s</p>
<b><u>Max. Image Size</u></b>	<p>Wide-Angle Camera: 8000×6200 Medium Tele Camera: 8000×6200</p> <p>(approximate and indicative)</p>
<b><u>Still Photography Modes</u></b>	<p>Wide-Angle Camera Single Shot: 12 MP and 50 MP Burst Shooting: 12 MP, 3/5/7 frames; 50 MP, 3/5 frames Automatic Exposure Bracketing (AEB): 12 MP, 3/5/7 frames; 50 MP, 3/5 frames at 0.7 EV step Timed: 12 MP, 2/3/5/7/10/15/20/30/60 s; 50 MP, 5/7/10/15/20/30/60 s</p> <p>Medium Tele Camera Single Shot: 12 MP and 48 MP Burst Shooting: 12 MP, 3/5/7 frames; 48 MP, 3/5 frames Automatic Exposure Bracketing (AEB): 12 MP, 3/5/7 frames; 48 MP, 3/5 frames at 0.7 EV step Timed: 12 MP, 2/3/5/7/10/15/20/30/60 s; 48 MP, 5/7/10/15/20/30/60 s</p>
<b><u>Photo format</u></b>	JPEG/DNG (RAW)
<b>Video Resolution</b>	<p>Wide-Angle Camera/Medium Tele Camera: H.264/H.265 4K: 3840×2160@24/25/30/48/50/60/120*fps FHD: 1920×1080@24/25/30/48/50/60/120*/240*fps 2.7K Vertical Shooting: 1512×2688@24/25/30/48/50/60fps</p>
<b>Video Format</b>	MP4 (MPEG-4 AVC/H.264, HEVC/H.265)
<b>Digital Zoom (Only in Normal Video Mode and Explore Mode)</b>	<p>Reputed Brand Camera: 1-3x Medium Tele Camera: 3-7x Tele Camera: 7-28x</p>
<b>GIMBAL</b>	
<b>Stabilization</b>	3-axis mechanical gimbal (tilt, roll, pan)
<b>Mechanical Range</b>	<p>Tilt: -135° to 70° Roll: -50° to 50° Pan: -27° to 27°</p>

<b>Controllable Range</b>	Tilt: -90° to 60° Pan: -5° to 5°
<b>Max Control Speed (tilt)</b>	100°/s
<b>Angular Vibration Range</b>	±0.0037°
<b><u>Sensing type</u></b>	Omnidirectional binocular vision system, supplemented with forward-facing LiDAR and an infrared sensor at the bottom of the aircraft
<b>Forward</b>	Measurement Range: 0.5-18 m Detection Range: 0.5-200 m Effective Sensing Speed: Flight Speed ≤ 15 m/s FOV: Horizontal 90°, Vertical 72°
<b>Backward</b>	Measurement Range: 0.5-18 m Effective Sensing Speed: Flight Speed ≤ 14 m/s FOV: Horizontal 90°, Vertical 72°
<b>Lateral</b>	Measurement Range: 0.5-30 m Effective Sensing Speed: Flight Speed ≤ 14 m/s FOV: Horizontal 90°, Vertical 72°
<b>Upward</b>	Measurement Range: 0.5-18 m Effective Sensing Speed: Flight Speed ≤ 6 m/s FOV: Front and Back 72°, Left and Right 90°
<b>Downward</b>	Measurement Range: 0.3-14 m Effective Sensing Speed: Flight Speed ≤ 6 m/s FOV: Front and Back 106°, Left and Right 90°
<b>Operating Environment</b>	Forward, Backward, Left, Right, and Upward: Surfaces with discernible patterns and adequate lighting (lux > 1) Downward: Surfaces with discernible patterns, diffuse reflectivity > 20% (e.g., walls, trees, people), and adequate lighting (lux > 1)
<b>Video Transmission System</b>	O4 or equivalent
<b>Live View Quality</b>	Remote Controller: 1080p/30fps, 1080p/60fps

<b>Operating Frequency</b>	2.4000-2.4835 GHz 5.170-5.250 GHz 5.725-5.850 GHz (Indicative frequencies)
<b>Max Transmission Distance (unobstructed, with interference)</b>	Strong Interference: Urban landscape, approx. 1.5-4 km Medium Interference: Suburban landscape, approx. 3-10 km Low Interference: Suburb/seaside, approx. 9-20 km
<b>Antenna</b>	6 antennas, 2T4R or equivalent
<b>Battery Capacity</b>	Min. 5000 mAh (Min. 3 batteries to be supplied)
<b>Battery Type</b>	Li-ion 4S
<b>Wi-fi</b>	802.11 a/b/g/n/ac (Protocol)
<b>Certifications</b>	Certifications regarding product standardisation/quality from the relevant government authorities and other globally reputed authorities, as applicable.

- Desired QRs / Specifications along with details e-tender notice for the above items are available in the website <http://wbtenders.gov.in> Intending bidders will download/ fill up the tender with the help of Digital Signature Certificate.
- Both Technical Bid and Financial Bid are to be submitted concurrently duly digitally signed in the website <http://wbtenders.gov.in>. Submission of Technical Bid and Financial Bid will be done as per Time Schedule stated below –

#### **Date and Time Schedule:**

<b>Sl. No.</b>	<b>Particulars</b>	<b>Date &amp; Time</b>
1.	Date for Upload and Download of N.I.T. & other Documents Publishing Date (online)	<b>31.07.2025</b>
2.	Bid submission start date (Online)	<b>31.07.2025</b>
3.	Last date of submission of original copies for the Tender Documents (online)	<b>07.08.2025 till 17.00 hrs</b>
4.	Bid Submission closing (On line)	<b>07.08.2025 till 17.00 hrs</b>
5.	Bid opening date for Technical Proposals (Online)	<b>09.08.2025</b>

6.	Date of Technical Evaluation / Demonstration of Equipment at the site of delivery i.e. Digha Jagannath Dham Complex at Digha, Purba Medinipur or Purba Medinipur Police Lines or any other place as decided by the tender inviting authority.	<b>11.08.2025</b>
7.	Date of uploading the final list of Technically Qualified Bidder (online) after disposal of appeals, if any.	<i>Will be uploaded after technical bid evaluation</i>
8.	Date for opening of Financial Proposal (Online)	<i>Will be uploaded after technical bid evaluation</i>

4. The **FINANCIAL OFFER** of the prospective tender will be considered only if the **TECHNICAL BID** of the tender, demonstration and evaluation test of their equipment is found qualified by the 'Tender Evaluation Committee'. The decision of the 'Tender Evaluation Committee' will be final and absolute in this respect. The list of Qualified Bidders will be displayed in the website.

5. Documents should be submitted in Technical folder :-

(a) Technical specifications of your quoted model and NIT etc. Parameter wise statement signed with reference to QRs / specifications given showing how far the tender items satisfy each such parameter.

(b) The Bidders must submit a '**Non-Blacklisting Declaration**' of their firm in any states within India. No "Black-Listed" firms will be entertained.

(c) **Earnest Money** Deposit of Rs. 15,000/- (Rupees fifteen Thousand only)

Process of Earnest Money Deposit through offline instruments like Bank Draft, Pay Order etc. will be stopped for e-tender procurement. Necessary Earnest Money will be deposited by the bidder electronically: **online –through his net banking enabled bank account**, maintained at any bank **or: offline – through any bank by generating NEFT/ RTGS challan from the e-tendering portal**. Intending Bidder will get the Beneficiary details from e-tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account No., Amount, Beneficiary Bank name (ICICI Bank) & IFSC Code and e-Proc Ref No.

Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E-Procurement site. Bidders are also advised to submit EMD of their bid, at least 3 working days before the bid submission closing date as it requires time for processing of Payment of EMD.

Sl. No.	Category Name	Sub-Category Description	Detail(s)
A.	Certificate(s)	Certificate(s)	PAN, P Tax, GST, Income Tax Return of last 3 F.Ys.

B.	Company Detail(s)	Organization Details	Proprietorship Firm (Trade License) Partnership Firm. (Partnership Deed, Trade License) Ltd. Company (Incorporation Certificate, Trade License) Society (Society Registration Copy, Trade License) Power of Attorney.
C.	Credential	Credential – 1 Credential – 2	(i) Proof of annual turnover of government supply for not less than ₹10 lacs per annum in last 3 years. (ii) Undertakings as listed in S.No. 12 and 13.

## 6. FINANCIAL PROPOSAL

- (a) The financial proposal should contain the following documents in one cover (folder) i.e. Bill of Quantities (BOQ). The contractor is to quote the **unit wise rate** online through computer in the space marked for quoting in the BOQ.
- (b) Price quoted should be valid for a period of **twelve months (365 days)** from the date of opening of tender. The price should be inclusive of all taxes, custom duties, delivery charges and other ancillary costs, if any.
- (c) As per Section 194(C) of Income Tax act, 2% TDS will be deducted during payment.

## 7. PERIOD OF SUPPLY AND INSTALLATION:

**Within 10 days of the work/supply/purchase order being given. No extra cost will be paid to the supplier for transportation of the said equipment to the place of installation. Likewise, no extra cost will be paid for the demonstration/inspection of the equipment during technical evaluation.**

**Late Delivery** – If supply of the aforesaid items is not delivered within the stipulated period, penalty / Late Delivery shall be charged @ 2 % of the total value per week and maximum upto 10%.

8. 3days prior information should be given to this office before delivery.The place of delivery and demonstration will be Digha Jagannath Temple Complex at Digha, Purba Medinipur, West Bengal, PIN-721463.

## 9. TENDER EVALUATION COMMITTEE

The **FINANCIAL OFFER** of the prospective tender will be considered only if the **TECHNICAL BID** of the tender, demonstration and evaluation test of their equipment is found qualified by the 'Tender Evaluation Committee'. The decision of the 'Tender Evaluation Committee' will be final and absolute in this respect. The summary list of Qualified Bidders will

be displayed in the website.

## 10. **SECURITY DEPOSIT**

On receipt of Award of Contract (AOC) / supply order from the Department, the successful bidder shall submit the Security Deposit @ 5% of the total amount in the form of Bank Guarantee from a nationalized Bank in acceptable form in favour of “**WB Govt Pooling A/C For Performance Guarantee**”, A/C no- 000605030134, IFSC code- ICIC0000006, MICR code- 70229002, Branch- ICICI Bank, 22 RN Mukherjee Road, Kolkata-700001 within 5 (Five) days from issuing of supply order. Security deposit will also treat as performance guarantee and shall valid for the period of three (03) years of warranty period from the date of delivery.

If the bidder fails to provide the said security deposit within stipulated period, such failure shall amount to a breach of the contract and the ‘Superintendent of Police, Purba Medinipur’ shall be entitled to make other arrangements at the bidders risk and cost without giving any further notice to him and in addition, forfeit the earnest money of the contractor. Non performance of the supplied equipment or any part there of or non meeting of any condition mentioned in this notice would allow the purchaser to forfeit the guarantee amount. The decision of the Superintendent of Police, Purba Medinipur shall be final in this respect.

## 11. **PAYMENT TERMS**

Payment will be made to the successful bidders on door delivery, installation and successful demonstration/inspection of the equipment by the Technical Committee. Handing over certificates will be issued after successful handing over, installation and inspection of the equipment by the technical evaluation committee. The payment will be made by the competent authority after submission of handing over certificates.

## 12. **WARRANTY**

1. The bidder shall provide undertaking in a Non judicial stamped paper of ₹50/- of onsite comprehensive warranty of **03(three)** years. In case of trouble in equipments, response & repair should be given within 24 hrs of complaint. To provide service at the site of installation within the Purba Medinipur district, West Bengal during the warranty period. Sufficient spares should be available in stock of the supplier and certificate for availability of spares for at least 05 years after warranty period.
2. The warranty period for the equipment will commence from the date of successful delivery /installation of the equipment.

## 13. **ANNUAL MAINTENANCE CONTRACT**

The tenderer should undertake on a Non-judicial Stamp Paper of ₹50/- that they will provide the Annual Maintenance Contract (on-site) for 3 years after the expiry of the warranty period of 3

years. They will participate in the tender/quotation process for the AMC as floated by the competent authority during the course of time. In case, there are no other vendors for providing the AMC, then it shall be the responsibility of the supplier to undertake the AMC for 3 years after the expiry of 3 years. The annual financial implication of the AMC contract shall not exceed 10 % of the value of the item supplied. In case the bidder fails to undertake the same in the non-judicial stamp paper, it will be assumed that the tenderer is not interested to take up the AMC and hence the bid/offer will be summarily rejected as a whole.

In addition, the bidder has to undertake that the firm is compliant with the DGCA rules or any other rules/laws as applicable in connection with the supply of these equipments.

**14. TRAINING**

Further, they have to provide training to technical/Police staff, during delivery of the equipment. Training manual in two hard copies and two soft copies containing details of technical specifications, trouble shooting and maintenance schedule, etc., shall be supplied along with the equipment, free of cost. Refresher training for two times may also be provided, if requested, within 3 years of the installation of the product. No extra cost/allowance will be paid for the same.

**15. ACCEPTANCE**

The price bid of those tenders who qualify in the technical evaluation (physical testing, inspection and demonstration of the equipment) will be opened. L1 will be accepted after negotiation, if required.

The successful bidder shall have no right to assign or sublet any part of the bid, once it is awarded to him.

**The undertaking as listed in S.No. 13 is a sine qua non while deciding the successful tenderer. At the time of acceptance, only the cost of the equipment including taxes will be paid to the eligible bidder. The cost for annual maintenance contract will be paid as per the tender/quotations to be done in future as referred in S.No. 13.**

**16. APPLICABLE RULES**

Purchase / contract of above items shall be governed by the relevant Rules of Government of West Bengal which will be binding on the firm / tender.

**17. CANCELLATION / MODIFICATION**

The Superintendent of Police, Purba Medinipur, Govt. of West Bengal reserves the right to reject any or all the tenders without assigning any reason thereof.

**18. QUERIES IN CONNECTION WITH THE TENDER:**

For any queries in connection with the tender, the Head Accountant, Police Office may be contacted (+91-9735204502) from Monday to Friday from 10.00 hrs to 17.00 hrs. Emails can also be sent on [sppurbamedinipur@gmail.com](mailto:sppurbamedinipur@gmail.com) or [sp-purbamidnapur@nic.in](mailto:sp-purbamidnapur@nic.in)

Sd/-  
**Superintendent of Police  
Purba Medinipur  
West Bengal**

Memo No: 4960/1(9)/E /2025-26

Dated:31/07 /2025

Copy forwarded for information and necessary action to:-

- 1) The Director General and Inspector General of Police, West Bengal
- 2) The Director of Security, West Bengal
- 3) The Additional Director and Inspector General of Police (Law and Order), West Bengal
- 4) The Additional Director and Inspector General of Police (Western Zone), West Bengal
- 5) The Inspector General of Police (Organisation), West Bengal
- 6) The Managing Director, WBHIDCO Ltd.
- 7) The District Magistrate, Purba Medinipur
- 8) The Chief Executive Officer, Jagannath Dham Trust, Digha, Purba Medinipur
- 9) The Members of the Technical Evaluation Committee

Sd/-  
**Superintendent of Police  
Purba Medinipur  
West Bengal**