

WII/PurchaseCell/25-26/102

Dated: 06.08.2025

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**Sub: Quotations for Purchase of Solar Powered GPS-GSM Transmitter for Integrating population and habitat ecology for the management of migratory waterbirds of the Central Asian Flyway at the Chilika Ramsar Site Project-reg.**

Sir,

The Wildlife Institute of India, Dehradun, wishes to **purchase the Solar Powered GPS-GSM Transmitter for integrating population and habitat ecology for the management of migratory waterbirds of the Central Asian Flyway at the Chilika Ramsar Site Project** at the Wildlife Institute of India, Dehradun. The details of equipment, quantity and specifications are given below:

Sl. No.	Description	Qty.
1.	<b>OrniTrack-20 Backpack GPS-GSM Transmitter</b> A solar-powered GPS-GSM/4G backpack transmitter is required for satellite-based tracking of medium-sized waterfowl species. The transmitter must feature a strong, waterproof, aerodynamic housing in a backpack design. The device must be fully self-contained with no external antennas and weigh approximately 20 grams, with dimensions of 58 × 25 × 14 mm. It should include a high-sensitivity 99-channel GPS receiver and a 2G/4G GSM transceiver supporting LTE Cat1/GPRS/EDGE protocols. The internal power source should be a Lithium-Polymer battery with built-in under- and over-charge protection, supplemented by a high-efficiency solar charging system with elevated solar panels. The transmitters should operate within a temperature range of -20°C to +70°C.	04
2.	<b>OrniTrack-30 Backpack GPS-GSM Transmitter</b> A solar-powered GPS-GSM backpack transmitter is required for tracking large-bodied birds such as flamingos. The transmitter must have an aerodynamic, waterproof, and robust housing, designed in a backpack style. The unit should be fully self-contained with no external antennas and weigh approximately 30 grams, with dimensions of 61 × 25 × 23 mm. It should include a high-sensitivity 99-channel GPS receiver and a 2G/4G GSM transceiver supporting LTE Cat1/GPRS/EDGE protocols. The internal power source should be a Lithium-Polymer battery with built-in under- and over-charge protection, supplemented by a high-efficiency solar charging system with elevated solar panels. The transmitters should operate within a temperature range of -20°C to +70°C.	02
3.	<b>OrniTrack-N44 Neck Collar Solar GPS-GSM Tracker</b> A solar-powered GPS-GSM neck collar transmitter is required for tracking large-bodied geese. The device should be specifically designed for neck attachment with a robust, waterproof housing and sliding-in doors. The unit should be completely self-contained with no external antenna, and weigh approximately 50g with outer measurements ranging from 53 to 68 mm, and an	04

inner diameter of 44 mm. The GPS receiver should be a high-sensitivity 99-channel module, and the GSM transceiver must support 2G/4G protocols (LTE Cat1/GPRS/EDGE). It should include a Lithium-Polymer internal battery with under- and over-charge protection, and a solar charging system consisting of three high-efficiency solar panels. The transmitters should operate within a temperature range of -20°C to +70°C.

### Terms & Conditions:

1. The specifications of the quoted Equipment should be strictly as per the specifications mentioned above.
2. The equipment being quoted should be of the Original Equipment Manufacturer (OEM) of a reputable company, and no non-standard equipment will be accepted by the Institute. The bidder should be an Authorised Distributor of the OEM or their authorised dealer in India. An authorisation certificate/letter from the OEM or Authorised Distributor to this effect should be attached to the offer.
3. The supplier should indicate brand/make and full details of the equipment and submit complete technical specifications, without leaving any scope for ambiguity and must also attach technical information literature, leaflets, catalogues, brochures, etc. The supplier must ensure that the quotation submitted is in accordance with the requirements/specifications of WII.
4. The offer should be valid for three months from the date of submission of quotations.
5. **Warranty:** You are required to give a warranty for a minimum period of **one year** from the date of satisfactory supply of the equipment. If during the warranty period, the equipment supplied fails to give satisfactory performance and is found defective, you will rectify the defect within a reasonable time; failing which the equipment should be replaced with new ones (s) without any extra cost.
6. **Prices:** You should quote your rates on a fixed price on a FOR, Wildlife Institute of India, Chandrabani, Dehradun basis. The agency would be required for its delivery to the Institute. The taxes, if any, should be mentioned. The prices should be quoted only in Indian Rupees.
7. You may submit your rates/offer for the item in the following format only. You may use separate sheets if required.

Sl. No.	Item Description and Specifications	Brand/Make	Model No.	Unit Price (In Rs.)	GST, if any, with %age	Total Amount	Remarks, if any.

**Note:** Rates should be quoted only in accordance with the above-mentioned table; failing which their offer is liable for rejection.

8. The bidder is required to clearly mention that they agree to all the terms and conditions of this quotation, and it should be given on their printed letterhead, indicating Sales Tax Registration, FAX, Email, Telephone numbers, etc.
9. Offers of those firms will only be considered by the Institute, whose bids meet all the technical specifications/parameters given for the above required equipment. If any of the given specifications/parameters do not meet the required specifications as mentioned above, their offer will not be considered and shall be summarily

rejected by the Institute.

10. **Comparison of Rates:** Comparison of Rates shall be made after adding the taxes, etc. and given in the above Table.
11. **Payment:** 100% payment shall be released on a bill basis after the entire supply and inspection, and acceptance of the equipment in good condition and balance.  
**However, a Bank Guarantee of 3% amount of the ordered value shall be provided by you to cover the warranty obligations.**
12. **Delivery:** The Agency would be required to supply the equipment within a period of six weeks from the date of issue of the supply order, if placed with your firm.
13. **Penalty:** Penalty @ 0.5% per week will be charged for late supply, subject to a maximum of 5% on the amount of equipment which have been supplied late.
14. The above quantity of the equipment is approximate; the same may be reduced or increased at the time of issuing supply order(s), depending upon the requirement of the Institute.
15. The Institute reserves the right to accept or reject any of the quotations straightaway without assigning any reasons.
16. **Last Date of Submission of Quotations:** Quotations in all respect in a sealed cover superscribing **Purchase of Solar Powered GPS-GSM Transmitter for Integrating population and habitat ecology for the management of migratory waterbirds of the Central Asian Flyway at the Chilika Ramsar Site Project** should reach the Purchase Officer, Wildlife Institute of India, Chandrabani, Dehradun-248001, Uttarakhand on or before **03.09.2025 upto 1700 hrs.** Quotations received late will not be accepted by the Institute.

Yours faithfully,

(K. K. Shrivastava)  
Purchase Officer