

भारत सरकार
अंतरिक्ष विभाग (अं.वि.)

क्रय एवं भंडार



GOVERNMENT OF INDIA
DEPARTMENT OF SPACE (DOS)
INDIAN INSTITUTE OF REMOTE SENSING
DEHRADUN

IIRS

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निविदा आमंत्रण
INVITATION TO TENDER

मैसर्स
M/s

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हमारी संदर्भ सं

Our Ref. No.

GIER 2019-000073-01

निविदा अंतिम तिथि

Tender Due at

14:00 hrs IST on 05/09/2019

महोदय

Dear Sirs,

कृपया निम्नलिखित मदों की आपूर्ति के लिए अनुलग्नक (फार्म सं. संलग्न) में उल्लिखित निबंधन एवं शर्तों के अनुसार संलग्न निविदा प्रपत्र में वर्णनात्मक सूचीपत्र/पैम्फलेट/साहित्य सहित हमारी संदर्भ सं. एवं अंतिम तिथि (मोटे अक्षरों में) ऊपर लिखते हुए अपनी मुहरबंद निविदा प्रस्तुत करें।

Please submit your sealed quotation, in the Tender Form enclosed here along with the descriptive catalogues /pamphlets /literature, superscribed with Our Ref.No. and Due Date for the supply of the following items as per the terms & conditions mentioned in Annexure(Form No. null)

क्र.सं. Sl. No.	विनिर्देशों सहित मद का विवरण Description of items with Specifications	इकाई Unit	मात्रा Quantity
1	Supply, installation, demonstration & training of Geodetic GNSS receiver in DGPS mode along with accessories & software. Specification as per Annexure- I.	No.	1

सुपुर्दगी स्थल

Delivery At

IIRS, DEHRADUN

प्रेषण की विधि

Mode of Despatch

DOOR DLVRY

शुल्क छूट

Duty Exemptions

विशेष अनुदेश

Special Instructions

NIL

विशेष निबंधन

Specific Terms

निविदाकारों को अनुदेश

Instructions to Tenderers

KALPANA R

PURS. & STORES OFFICER

भारत के राष्ट्रपति के लिए एवं ओर से
For and on behalf of the President of India

क्रेता / The Purchaser

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Technical Specifications for Differential Global Positioning System (DGPS)

Sl. NO.	Description	
1	GNSS receiver specifications:	
	GNSS receiver for Base (1 no.)	Multi frequency. Geodetic quality, real-time kinematic receiver with rugged high gain External Antenna for independently tracking the GNSS satellites with: <ul style="list-style-type: none"> • 1.5 Meter and 20 Meter antenna cable • Two GNSS antenna ports • Minimum tracking elevation 0 degree
	GNSS receiver for Rover (2 Nos.)	Multi frequency. Geodetic quality, real-time kinematic receiver with rugged high gain integrated antenna for independently tracking GNSS satellites
	Measuring modes	Static, rapid static, kinematic standard post processing, RTK, standard survey, geodetic solution.
	No. of channels	200 or more
	Multi-frequency Satellite Signals Tracking and Recording	GPS: L1, L2, L5 GLONASS: L1, L2, L3 Beidou: B1, B2 Galileo: E1, E5A, E5B NavIC (IRNSS): L5
	SBAS Tracking & correcting	GAGAN SBAS
	Positioning rates	20 Hz or better
	Static accuracy	Horizontal 3 mm + 0.5 ppm RMS or better Vertical 5 mm + 0.5 ppm RMS or better
	RTK accuracy	Horizontal 8 mm + 1 ppm RMS or better Vertical 15 mm + 1 ppm RMS or better
	Initialization Time	≤ 10 seconds
	Operating temperature	-20° C to +55° C
	Ingress protection	Compliance with IP67 standards (water proof and dust proof)
	communication	Receiver should have following ports: 1 Serial, 1 USB port, 1 Power Port, Integrated Bluetooth, internal GSM slot, 1 internal UHF radio.
	Inbuilt Radio ^s	Fully integrated, fully sealed internal radio signal transceiver with minimum of 2 Watt transmitting power with 5 - km or more coverage
	Cellular modem	Fully integrated, fully sealed internal GSM/GPRS modem
Data format	NMEA, RTCM versions 2.x, 3.x, CMR, CMR+, CMRx or compressed format	
Power supply	Internal (2 sets of batteries with each receiver)	Rechargeable, removable Li-ion battery with minimum 5 hours continuous operation time in RTK rover mode (data receiving & Transmitting mode) with internal radio and Bluetooth in use
	External	Receiver should have provision for external power input

6/18/2019