

Bid Document

Bid Details	
Bid End Date/Time	01-02-2021 18:00:00
Bid Opening Date/Time	01-02-2021 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	70 (Days)
Ministry/State Name	Telangana
Department Name	Higher Education Department Telangana
Organisation Name	Universitycollegeofengineering Osmaniauniversity
Office Name	Hyderabad
Total Quantity	1
Item Category	Receiver for Global Navigation Satellite System (GNSS)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Certificate (Requested in ATC),OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	10 %
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	2 Days
Inspection Required	No
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or

through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Receiver For Global Navigation Satellite System (GNSS) (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
RECEIVER POSITIONING PERFORMANCE & ACCURACY (RMS)	Differential GPS (DGPS) Accuracy - (Horizontal)	60 cm + 1 ppm
	Differential GPS (DGPS) Accuracy - (Vertical)	100 cm + 1 ppm
	High Precision / Long Observation Static Accuracy - (Horizontal)	NA
	High Precision / Long Observation Static Accuracy - (Vertical)	NA
	Static and Fast Static Accuracy - (Horizontal)	NA
	Static and Fast Static Accuracy -(Vertical)	NA
	Real-Time Kinematic (RTK) Accuracy - (Horizontal)	NA
	Real-Time Kinematic (RTK) Accuracy - (Vertical)	NA
	Stand alone L-band Accuracy via satellite based correction (95%) - (Horizontal)	NA
	Stand alone L-band Accuracy via satellite based correction (95%) - (Vertical)	NA
RECEIVER FEATURES & FUNCTIONS	Receiver Type	Rover compatible to other makes of Base/Rover
	Interchangeable / Configurable as Base or Rover	Yes
	Base Station able to serve multiple Rovers	No
	Provision to Indicate the Connectivity with Base Station	No
	Mode of Processing	Static & Fast Static
	Built-in stand alone L-band facility and satellite based	Yes

	correction	
	Receiver Antenna	Integrated
	Post Processing Software with free updates upto Warranty period inclusive in the scope of supply	Yes
	Compatible to Electronic Total Station (ETS) of Other Makes	No
	All Control functions available with receiver	Yes
RECEIVER TRACKING CAPABILITIES	Base Line Processing Range (Static)	0.0
	Number of Channels	45, 110, 120, 126, 132, 136, 165, 216, 220, 226, 240, 275, 330, 372, 385, 440, 448, 452, 495, 555, 672 Or higher
	Maximum Position Update Rate	10.0
	Tilt Sensor	No
GNSS TRACKING SIGNALS (RECEIVER)	NAVIC Tracking Signals	L5
	Galileo Tracking Signals	E1, E5 a
	BeiDou Tracking Signals	B1, B2
	L-band tracking Signals	RTX, NA
	SBAS Support	GAGAN, WAAS
SUBSCRIPTION LICENSE FOR SATELLITE BASED CORRECTION	Subscription license for satellite based correction, inclusive in the scope of supply	NA
	If Yes, Validity of License period	0.0
COMMUNICATIONS	Phone Modem Antenna	NA
	Radio Modem Antenna	NA
RAM / STORAGE	Data Storage Medium	Internal
	Internal Storage Capacity	4 GB
	External / Removable Storage Slot	SD
	External / Removable Storage Card Capacity supplied with Receiver - inclusive in the scope of supply	32 Or higher
GENERIC	Radio Power	1.0
BATTERY	Power Source	Internal - Rechargeable Battery
	Supports 12 V External Battery	No
	Chemistry of Battery	Li-ion
	Battery Back Up Time	12, 16 Or higher
	Number of Batteries required for operation	1
	Number of Batteries Supplied	1, 2, 4, 6, 8 Or higher
	Battery Chargers for Rechargeable Batteries (inclusive in the scope of	Yes

	supply)	
	12 V Vehicle Charging Kit inclusive in the scope of supply	No
	Hot - Swappable b/w External and Internal Power Sources without affecting Data Recording	No
ENVIRONMENTAL PARAMETERS	Minimum Operating Temperature	-10 Or higher
	Maximum Operating Temperature	60, 65, 70, 75 Or higher
	Non Condensing Humidity, Rh	90, 95, 100 Or higher
ACCESSORIES	Tribach with Optical Plummet and Adopter supplied with receiver - inclusive in the scope of supply	No
	Tribach with Laser Plummet and Adopter supplied with receiver - inclusive in the scope of supply	No
	Tribach tester - inclusive in the scope of supply	No
	Telescopic Tripod supplied - inclusive in the scope of supply	No
	Trlpod Material	NA
	Stop and Go Pole supplied - inclusive in the scope of supply	No
	Clamp for Controller supplied - inclusive in the scope of supply	No
	USB Data Transfer Cable - inclusive in the scope of supply	Yes
	Power Cable,Connectors and Cables for Connecting to Car Batteries - inclusive in the scope of supply	No
WARRANTY / TRAINING	Warranty	1, 2, 3 Or higher
	Training Type	At Buyer's Premises
	Training Period	3, 5, 7, 10, 15 Or higher
TEST REPORTS	Compliance to Dust test	IEC-60529 or Equivalent Specn
	Compliance to Water Intrusion test	IEC-60529 or Equivalent Specn
	Compliance to Vibration / Shock test	MILSTD-810 G
	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the specification	Yes
	If Yes, Test Report to be furnished to the Buyer on demand	NA

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Jalla Upendar	500007,PRINCIPAL, TEQIP OFFICE- UCE, UNIVERSITY COLLEGE OF ENGINEERING OSMANIA UNIVERSITY HYDERABAD TELANGANA PIN-500007	1	15

Bid Specific Additional Terms and Conditions

- 1.Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
- 2.Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
- 3.Procurement under this bid is reserved for purchase from Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service.
- 4.The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.
Applicable Concessional rate of GST : 5%
Notification No.and date : TU/V/RG-CDE(923)/2020 dated 24/09/2020

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---