



कृषि अभियांत्रिकी संभाग
Division of Agricultural Engineering
भा. कृ. अनु. प. भारतीय कृषि अनुसंधान संस्थान
ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE
पूसा नई दिल्ली 110012 PUSA, NEW DELHI-110012



मिसिल संख्या File No.218/Project Code(24-735)/2020-21/AE

दिनांक Dated: 22-01-2021

निविदा-सूचना

निदेशक भा. कृ. अनु. प.-भारतीय कृषि अनुसंधान संस्थान नई दिल्ली द्वारा निम्नलिखित वैज्ञानिक उपकरण / वस्तु की आपूर्ति एवं कार्य हेतु प्रतिष्ठित निर्माताओं / अधिकृत डीलरों / आपूर्तिकर्ताओं से दो बोली प्रणाली/ (तकनीकी एवं वित्त बोली) के अन्तर्गत आनलाईन कोटेशन RTK GPS के लिये आमंत्रित की जाती है। Online Quotations are invited from reputed Manufacture/Dealer/Supplier in **Two Bid** system (Technical bid & Financial bid) for **RTK GPS** of following Scientific Equipment/Items on behalf of Director ICAR-Indian Agricultural Research Institute, New Delhi. Details of **RTK GPS** are given in the **compliance report**.

Schedule of tender

Name of Organisationसंस्थान का नाम	ICAR-Indian Agricultural Research Institute, New Delhi भा. कृ. अनु. प.- भारतीय कृषि अनुसंधान संस्थान, नई दिल्ली
Tender Typeनिविदा प्रकार (Open/Limited/EOI/Auction/Single/Global)	Open
Tender Categoryनिविदा श्रेणी (Services/Goods/works)	Goods
Type/Form of Contract कार्य विवरण (Work/Supply/ Auction/ Service/ Buy/ Empanelment/ Sell)	Buy
Product Categoryवस्तु/ कार्य का प्रकार (Civil Works/Electrical Works/Fleet Management/ Computer Systems)	Others
Source of Fund (Institute/Project)	Project Code: 24-735
Is Multi Currency Allowed	Yes
Date of Issue/Publishing प्रकाशन तिथि	22/01/2021/(16:00 Hrs)
Document Download/Sale Start Date डाउनलोड खुलने की तिथि	22/01/2021/(16:05 Hrs)
Document Download/Sale End Date डाउनलोड बंद की तिथि	11/02/2021/(16:00 Hrs)
Last Date and Time for Uploading of Bids	11/02/2021/(16:00 Hrs)

अपलोड के लिए अन्तिम तिथि	
Date and Time of Opening of Technical Bids निविदा खुलने की तिथि	12/02/2021/(16:00 Hrs)
EMD for item ई एम डीकी राशि	Rs. Nil (Bid Security Declaration Document)
Bid Validity days (180/120/90/60/30) बोली की वैधता सीमा	180 Days (From last date of opening of tender)
Address for Communication पता	Division of Agricultural Engineering ICAR-IARI New Delhi Pusa Campus, New Delhi-110012, Delhi, India
Contact No. संपर्क सूत्र	011-25842294
Email Address ईमेल पता	dd3.iari@iari.res.in, sdckushwaha@gmail.com

विस्तृत नियम व शर्तों को भा. कृ .अनु .सं. की वेबसाईट www.iari.res.in पर देखे एवं आनलाईन के लिए www.eprocure.gov.in देखा जा सकता है। Please visit www.iari.res.in for Details Rules and Regulation and Log on www.eprcure.gov.in for online.

बोली लगाने के निर्देश और नियम एवं निविदा की शर्तें Instruction to the bidder and terms & conditions of tender:

1. बोलीदाता कृपया ध्यान दें कि वाणिज्य और उद्योग मंत्रालय , उद्योग और आंतरिक व्यापार को बढ़ावा देने के विभाग , सरकार के आदेश के अनुसार वरीयता "मेक इन इंडिया" को दी जाएगी। उत्पाद की तकनीकी उपयुक्तता के अधीन। Bidders may please note that Preference will be given to "Make in India" as per order of Ministry of Commerce and Industry, Department of promotion of Industry and Internal Trade, Govt. of India subject to technical suitability of the product.
2. कोटेशन में दर्शायी गई दरों में भा . कृ .अनु .सं.नई दिल्ली के संभाग कृषि अभियांत्रिकी संभाग/भारतीय कृषि अनुसंधान संस्थान , नई दिल्ली -110012 में सामान सामग्री की नि : शुल्क आपूर्ति अथवा स्थापन शामिल होगा। हालाँकि विदेशी मुद्रा में दर्शाए गए उपकरण को एफ ओ बी आधार पर दर्शाया जाये। The rates quoted shall be free of cost delivery and installation at the Division of Agricultural Engineering, IARI, New Delhi-110012. However, equipment quoted in foreign currency must be quoted on FOB.
3. Our Institute is exempted from Custom Duty. Hence Custom Duty Exemption Certificate (CDEC) will be provided to the firm, if demanded.
4. उपरोक्त दिए गए दर में यदि किसी भी प्रकार का अतिरिक्त कर /टैक्स/ड्यूटी लगाया जाना है तो उसका संकेत स्पष्ट रूप से दिया जाना चाहिए If taxes duties or any other charges over and above the rates quoted leviable, actual percentage of such taxes/duties/other charges should be clearly indicated.

5. इस संस्थान द्वारा निविदाकर्ता को किसी भी सुरक्षा जमा राशि पर ब्याज नहीं दिया जाएगा। No interest on security deposit shall be paid by the Institute to tenderer.
6. कोटेशन प्रक्रिया पूरी होने के पश्चात सफलतम बोलीदाता के मामले में सुरक्षा जमा के रूप में , जो कि आडर के रशि की 3 % होगी और यह डिमांड माँग ड्राफ्ट / भुक्तान आदेश / मियादी जामा रसीद / बैंक गारंटी निदेशक , भा. कृ. अ. स.नई दिल्ली 110012 के नाम किसी भी राष्ट्रीय बैंक में देय हो, जिसकी वैधता सभी कार्य को पूरा करने के दिनों 60, उपकरण की एक वर्ष की गारंटी के साथ के साथ उपकरण / सामान/ जिसकी कीमत रु . 1.00 लाख या इससे अधिक की गारंटी होगी । हालांकि जो उपकरण रु 1.00 लाखया एक लाख से कम है उस परिस्थिति में किसी भी प्रकार का निष्पादन जमा राशि नहीं दी जाएगी। In case of the successful bidder after completion of the quotation process, in the form of security deposit amount which will be 3% of the order amount D.D/Pay Order/Fixed Deposit Receipt/Bank Guarantee from commercial bank drawn in favour of Director, IARI, payable at New Delhi and shall remain valid for 60 days beyond the date of completion of all contractual obligation of supplier including warranty obligation for the equipment/goods costing Rs. 1.00 lakhs (Rs. One Lakh) or more. Here would however, be no performance security deposit for equipment/goods costing less than Rs. 1.00 lakh (One lakh).
7. फर्म द्वारा एक वर्ष की वारंटी प्रदान की जाएगी। यदि सामान / उपकरण के विवरण में वारंटी की अवधि में किसी भी प्रकार परिवर्तन है तो उस वारंटी को अंतिम माना जयेगा । One year warranty has to be invariable provided by the firm. In case, there is any variation in the warranty period given in the specification of the item/equipment, the warranty period shall be the final as given in the specification.
8. कार्य के पूरा होने के बाद फर्म / पूर्तिकता को तीन पूर्व रसीद बिल प्राप्त होने के बाद भुगतान e-payment के माध्यम से किया जाएगा। Payment will be made by mode of e-payment to the supplier/firm after satisfactory completion of work and receipt of pre-receipt bill triplicate.
9. निदेशक भारतीय कृषि अनुसंधान संस्थाननई दिल्ली 110012 के पास बिना कारण बताये सभी कोटशनों को पूर्ण या आंशिक रूप से स्वीकार या अस्वीकार करने के अधिकार रहेगा ।The Director IARI, New Delhi reserves the right to accept or reject any or all the quotations either in full or in parts without assigning any reason.
10. उपरोक्त शर्तों का पालन न करने वाली क्यूटेषनों को अस्वीकार कर दिए जा सकते हैं ।Quotations not complying with the above conditions are liable to be rejected.
11. TIN/VAT/PAN/C.S.T./GST Nos.के स्कैन कापी को कोटेशन के साथ में संलग्न किया जाए।Scanned copy of TIN/VAT/PAN/C.S.T./GST Nos may be attached with the bid.
12. किसी कारण अनुबंध में कोई विवाद उत्पन्न होने पर भारतीय कानून और न्यायालयनई दिल्ली की अधिकारिता के अधीन होगा। सचिवभारतीय कृषि अनुसंधान परिषद द्वारा एकमात्र मध्यस्थ नियुक्त किया गया हैजिसका निर्णय दोनों पार्टियों (Supplier and Purchaser) पर अंतिम माना जाएगा। In case, any dispute arising out of this contract shall be subject to the jurisdiction of Indian laws & Court at New Delhi. Sole arbitrator is appointed by the Secretary, ICAR, New Delhi. His decision will be final and binding on both parties (Supplier and Purchaser).
13. सफल बोलीदाता को सौंपे गए कार्य को निर्धारित आपूर्ति आदेश के भीतर कार्य करना होगा जैसा आपूर्ति आदेश में दर्शाया गया होगा यदि ऐसा नहीं किया जाता तो कम से कम 2 % तथा अधिकतम 10 % की क्षति नष्ट कटौती के रूप में उनके बिल से काटी जाएगी।The successful bidder has to execute the indented Job/Work as mentioned in the supply order place with them within the stipulated period as given in the supply order placed by this office failing

- with 2% per week and maximum of 10% deduction as liquidated damage charges will be made from the bill in case the job is not completed within the given stipulated period
14. Full specification of the article quoted for sale be given in the quotation. Also provide the literature/pamphlet/drawing etc (if possible). User list of the quoted document may also be additionally provided for reference.
 15. In Case, LC is open for purchase of Foreign equipment all charges outside India will be borne by the firm.
 16. As per CVC's guidelines No.12-2-6CTE-SPJ(1)-2/161730 (circular No.3/1/12) dated 13/1/2012, in a tender either the Indian Agent on behalf of the Principal/OEM itself can bid but both cannot bid simultaneously of for the same item/product in the same tender. Further, if an agent submits bid on behalf the Principal/OEM the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
 17. The equipment is to purchase for Research purpose and therefore shall be purchased at **concessional GST Rate of 5%**. The required certificate shall be issued to the successful bidder for availing concessional GST Rate.
 18. **Rates should be quoted as per BOQ 1 on-line.**
 19. **Document to be uploaded should be signed by company/firm seal in all pages by the firm**

The following documents must be uploaded with the technical bid failing which tender will not be accepted at all.

1. GST Number (scan copy)
2. Pan Card Number (scan copy)
3. **Bid Security Declaration Document (Scan copy)** (Annexure V)
4. Compliance Report in accordance with the tender technical specification.(Annexure I)
5. Detail Technical specification of equipment/item (literature/pamphlet/drawing etc).
6. The tender documents duly signed by the concerned firm accepting the same should be attached with technical bid.
7. Certificate declaring that the firm has not been debarred/Black listed by the Govt. Deptt./Court of law for doing any business in India.(Annexure II)
8. Firm Details Document(Annexure III)
9. Check List(Annexure IV)

Required Specification of RTK GPS has been given in compliance report.

सहायक प्रशासनिक अधिकारी
Asstt. Admn. Officer

Compliance Report

M/s.....agree to supply the items of following specifications

Technical Specification of Item वस्तु का तकनीकी विवरण

Details of item वस्तु का नाम व विवरण	Write Yes/No लिखे (हाँ/ न)	If yes, write technical details यदि हाँ तो विवरण दे	literature/ pamphlet attached (yes/no)
Technical Specifications			
Time of initialization: 8 sec or less			
RTK Range: 3-5 km typical/10km optimal or more			
Satellite Tracking: Should be Capable of tracking – GPS: L1C/A, L2C, L2E , L5 – GLONASS: L1C/A, L1P, L2C/A, L2P, L3 – SBAS: L1C/A, L5 – Galileo E1, E5A, E5			
Positioning Rate: 1 Hz, 2 Hz, 5 Hz, 10 Hz and 20 Hz			
No. of Channels: 440 channels or more			
GNSS Antenna:			
Code differential GNSS positioning Horizontal- 0.25 m +1 ppm Vertical- 0.50 m +1 ppm			
Static GNSS surveying			
High-Precision Static Horizontal- 3 mm +0.1 ppm Vertical- 3.5 mm +0.4 ppm			
Static and Fast Static surveying Horizontal- 3 mm +0.5 ppm Vertical- 5 mm +0.5 ppm			
Post processed Kinematic GNSS surveying Horizontal- 8 mm +1 ppm Vertical- 15 mm +1 ppm			
Real Time Kinematic GNSS surveying Horizontal- 8 mm +1 ppm Vertical- 15 mm +1 ppm			
Temperature Operating- -10 °C to 55 °C Storage- -10 °C to 55 °C			
Humidity- 100%, Condensing			
Dust and Water proof- IP 66 or better			
Shock- Survive a 6ft or above pole drop onto concrete			
Vibration- Rugged protective			
Internal memory- 50MB or more			
External memory- Additional slot			
Operating system- Windows 10 provide all supporting software with RTK-GPS			

Power supply Battery- Rechargeable, removable, Lithium ion Battery Battery Operation Time- Minimum 2.5 hours working External power supply- Nominal voltage 5 to 28 V DC Overvoltage protection- Must contain overvoltage protection			
Communications Port- 1. 3-serial port, Bluetooth, USB Interface- Provision of Integrated UHF Radio Frequency Mode, SIM Card GSM Mode for RTK			
Compatibility- RTK-GPS should be compatible to connect with Flight controller like- Pixhawk 2.4.8 and apm 2.8			
Complete Accessories			
Static survey Kit- Receive kit for performing the static survey with suitable tripod arrangement for base and rover unit RTK survey Kit- Rover pole holder kit for RTK survey Cover (water-proof)- Rover pole holder kit for RTK survey			
Training- Onsite training for installation, Data collection, Data processing and post processing of data using software.			
Provide the optional accessories			

Signature with Seal

(To be furnished on company letter head)

Declaration

This is to confirm that our firm
.....

**... has never been blacklisted/debarred by any state Govt./Central Govt./ Department of
Public undertaking enterprises.**

Date:

Place:

Stamp & Signature

Name of the Authorized Signatory

फर्म का विवरण Firm Details

(To be furnished on company letter head)

Name of the Firm-----

Registered/Postal Address-----

1.	Permanent Account Number (PAN)	
2.	GST, Registration No., if applicable	
3.	Bank Details	
4.	Bank Name	
5.	Branch Address	
6.	Account Number	
7.	Type of account (current/saving)	
8.	MICR No.	
9.	RTGS/NEFT code	

Date:

Place:

Stamp & Signature

Name of the Authorized Signatory

Check List जांच सूची

Other Condition		
SN	Particular	Write (Yes/No)
1.	GST Number (scan copy)	
2.	Pan Card Number (scan copy)	
3.	Bid Security Declaration Document (Scan copy).Annexure V	
4.	Compliance Report in accordance with the tender technical specification.(Annexure I)	
5.	Detail Technical specification of equipment/item (literature/pamphlet/drawing etc).	
6.	The tender documents duly signed by the concerned firm accepting the same should be attached with technical bid.	
7.	Certificate declaring that the firm has not been debarred/Black listed by the Govt. Deptt./Court of law for doing any business in India. (Annexure II)	
8.	Firm Details Document (Annexure III)	
9.	Check List (Annexure IV)	

Signature with Seal

Name of authorized signatory

Bid Securing Declaration
(To be submitted on Rs. 100 Non-Judicial Stamp Paper duly notarized)

(Country
(City

Bid- Securing Declaration
Invitation to Bid No:

To

I/we, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid- Securing Declaration.
2. I/We accept that: (a) I/We will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting order; and (b) I/we will pay the applicable fine provided under section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Section 23.1 (b), 34.2 40.1 and 69.1, except 69.1 (f), of the IRR of RA 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that bid-securing declaration shall cease to be valid on the following circumstances:
 - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - (b) I am/ we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right;
 - (c) I am/ we are declared as the bidder with the Lowest Calculated and Responsive Bid, and I/we have furnished the performance security and signed the Contract.

In witness whereof, I/we have hereunto set my/our hand/s this ____ day of (month] at [place of execution].

Name of Bidder's
Authorized Representative
(Insert signatory's legal capacity)
Affiant

Subscribed and Sworn to before me this __ day of [month] [year] at [place of execution], _____. Affiant/s is /are personally known to me and was/were identified by me through competent evidence of identity. Affiant/s exhibited to me his/her/[insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. _____ and his/her community Tax Certificate No. _____ issued on _____ at _____.

Witness my hand and seal this ____ day of [Month] [year].

Name of Notary Public
Serial No. of Commission _____
Notary Public for ____ Until _____
Roll of Attorneys No. _____
PTR No.____, (dated issued), [place issued]