



**OFFICE OF THE SUPERINTENDING ENGINEER
RESEARCH CIRCLE
IRRIGATION RESEARCH INSTITUTE
ROORKEE-247667**

Telephones: +91-1332-265174; Fax: +91 - 1332 - 262487

E-mail: uttarkhandwr@gmail.com



NATIONAL COMPETITIVE BIDDING FOR

(Two-Envelope Bidding Process with e-Procurement)

e-Tender Notice No. 15/SE(R)/ e-Quotation/2020-21 dated 08.01.2021

Superintending Engineer (Research Circle), Irrigation Research Institute, Roorkee on behalf of “Governor of Uttarakhand” invites item-wise rates through e-Tender for “Supply and Installation of Digital Bitumen Extractor at Irrigation Research Institute, Roorkee” under “Two Bid System”. The details of work are as mentioned below:

S. No.	Name of work	Quantity	Validity of Tender	Period of completion
1	2	3	4	5
1	SUPPLY AND INSTALLATION OF DIGITAL BITUMEN EXTRACTOR AT IRRIGATION RESEARCH INSTITUTE, ROORKEE	01 No.	120 Days	1.5 Months

Key Dates

1.	Bid Reference	:	15/SE(R)/ e-Quotation/ 2020-21 dated 08.01.2021
2.	Date of calling	:	08.01.2021
3.	Date of online publication	:	11.01.2021 10:00 AM
4.	Date of commencement of downloading of bid document	:	11.01.2021 10:30 AM
5.	Last date for seeking clarification, if any.	:	19.01.2021 5:00 PM
6.	Bid Submission Start Date	:	29.01.2021 3:00 PM
7.	Last date for down loading of bid document from www.uktenders.gov.in	:	11.02.2021 3:15 PM
8.	Last date and time for bid submission/uploading of bid on www.uktenders.gov.in	:	11.02.2021 3:15 PM
9.	Time and date of opening of Technical Bids	:	11.02.2021 3:45 PM
10.	Place of opening of bids and address for communication	:	Office of the Superintending Engineer, Research Circle, Irrigation Research Institute, Roorkee-247667 (Uttarakhand)

For more details please log on to: www.uktenders.gov.in

Signature Not Verified

(Shankar Kumar Saha)
Digitally signed by Shankar Kumar Saha
Date: 2021.01.09 12:40:18
Location: Uttarakhand

Irrigation research Institute, Roorkee

Terms and Conditions:

- 1- The Rate quoted shall be F.O.R. Roorkee and shall be inclusive of installation, demonstration, calibration, training etc. and all prevailing taxes.
- 2- Financial bid/price/offer of only technically qualified bidder(s) will be opened and date of financial bid shall be commenced later on.
- 3- The bidder has to submit the Calibration Certificate from NABL Accredited Laboratory at the time of installation.
- 4- The above rates shall be valid for a minimum period of 120 days from the date of opening of financial bid (in the stamp paper of Rs. 100).
- 5- The Quotationer(s)/Bidder(s) shall have to supply within 45 days after the receipt of supply order.
- 6- The comprehensive warranty will be of minimum 01 year after issuing of installation certificate by the department and comprehensive AMC period of 01 year will be started after completion of 01 year warranty period.
- 7- The quantity of instrument/machine mentioned above can be reduced or increased upto any extent depending on the requirement at the time of purchase.
- 8- The 90% of the cost of the apparatus/machine shall be paid only after satisfactory supply, installation, demonstration, calibration, training to IRI Officers and Staff at IRI, Roorkee etc. complete. Balance 10% shall be paid in two installments after every six months after commencement of the commissioning of the machine.
- 9- Payment towards comprehensive warranty and comprehensive AMC shall be paid after completion of the activities each.
- 10- The Quotationer(s)/Bidder(s) shall have to submit 'Calibration Certificate' from any NABL Accredited Laboratory.
- 11- Conditional/incomplete quotation shall not be accepted and the undersigned reserves the right to reject anyone or all quotation without assigning any reason.
- 12- Bidder shall have to submit a copy of supply order of the relevant machine/equipment supplied by him/them in last seven year.

Technical Specification:

Bitumen extractor should be Microprocessor Based having following specifications:

- (i) Chamber Dimension: 350X440X330 mm (W x D x H)
- (ii) Electric Rating: 415V (+/- 10v) <= 20A 3 Phase
- (iii) Capacity of Balance: 10kg. division value: 0.1g
- (iv) Operating Temperature of Chamber: up to 650 C
- (v) Sample Capacity: up to 5000g
- (vi) Recommended weight of sample: 1000-1500g
- (vii) Test Accuracy of asphalt: 0.10% or better
- (viii) Microcontroller unit: The control panel should be installed in front of the equipment and the monitor displays the real-time test data and parameters. Instrument will provide an automatic printout of the test result from the built-in printer
- (ix) Safety Door: Automatic Monitoring of door closed during test:
- (x) Microcontroller unit: Bi directional real time communication with weighing system
- (xi) Display: Touch screen LCD display.
- (xii) The test equipment shall be capable of operating from an ac supply of 50 Hz single phase 240 V \pm 10 percent.

TECHNICAL RESPONSIVENESS FORM

Summary of Instructions

- (i) Particulars of Manufacturer and local agent cum representative are to be given under rows Model and Address.
- (ii) All entry boxes in column “Specification and Standards as offered in by Bidder” shall be filled-in accurately and comprehensively. Quantitative fields shall be filled in accurately. It is not acceptable to use ‘Yes’, No, Compliant or similar evading words. Following format is designed to help the Bidder to understand the requirements of the equipment being procured. The Bidder must describe in the format how his bid responds to the technical requirements of the equipment. Bidder to note that one or two word responses (e.g. “Yes”, “No” “will comply” or similar evading words) are normally not sufficient to confirm the responsiveness with the technical requirements, hence elaborate responses are sought from the bidders. In case of deviation on the following technical requirement of equipment is not as per minimum criteria mentioned, the bids may be declared non-responsive.
- (iii) Requested materials and information shall be enclosed with the bid and be unambiguously associated with instruments as offered in the bid

- (iv) Negligence to comply with the instructions and requirements as stated above makes the bid liable to be rejected.

Particulars	Required Specifications and standards	Specification and standard as offered in by Bidder
Make:		
Model:		
Manufacturer Name, address, email, phone, website, fax		
Chamber Dimension	350X440X330 mm (W x D x H)	
Electric Rating	415V (+/- 10v) <= 20A 2/3 Phase	
Capacity of Balance	10 kg. division value: 0.1g	
Operating Temperature of Chamber	up to 650 C	
Sample Capacity	up to 5000g	
Recommended weight of sample	1000-1500g	
Test Accuracy of asphalt	0.10% or better	
Microcontroller unit	The control panel should be installed in front of the equipment and the monitor displays the real-time test data and parameters. Instrument will provide an automatic printout of the test result from the built-in printer	
Safety Door	Automatic Monitoring of door closed during test:	
Microcontroller unit	Bi directional real time communication with weighing system	
Display	Touch screen LCD display	