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क्र / No CD/HQ/B-11/2016/1096-99

दिनांक / Date: 16/05/2019

Notice Inviting Quotation

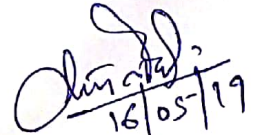
Sealed quotations are hereby invited by the undersigned on behalf of the President of India for supply of following items as detailed below. **The quotations should reach in the office of the undersigned on or before 27.05.2019 up to 15.00 hrs** and will be opened on the same day i.e. **27.05.2019 at 16:00 hrs** in the presence of quotationers or their authorized representatives who are willing to be present, if any.

S.No.	Description of items	Qty	Rate(Rs.)	Amount(Rs.)
1	Current meter (cup type) with accessories	13 Nos		
2	Digital Max. - Minimum thermometer.	13 Nos		
3	Fish Weight 10 kg	13 Nos		
4	Ordinary Rain Gauge with measuring cylinder	11 Nos		
5	Digital stop watch	13 Nos		
	Total(Rs.)			
	GST @			
	Grand Total(Rs.)			

TERMS & CONDITIONS:-

1. The quotations duly signed should be properly sealed and either dropped in quotation Box in the office of the Executive Engineer, Chenab Division, Central Water Commission, Jal Aayog Bhawan, Rajinder Nagar, Bantalab, Jammu or sent by speed post to this office. The sealed envelope should be super scribed "**Quotation for Supply of Hydrological Equipment**"
2. In the event of the date of opening of quotation being a holiday, quotations will be opened on the next working day with timings unchanged.
3. Quotationers must have PAN and Goods & Service Tax number.
4. Rs. 5600.00 as Earnest Money Deposit (EMD) of tender through A/C payee Demand Draft or FDR, CDR (Refundable) drawn on any schedule bank in favour of the Executive Engineer, Chenab Division, CWC payable at Jammu.
5. The Notice Inviting Quotation may be downloaded from the website <http://www.eprocure.gov.in> or <http://www.cwc.nic.in>
6. The pamphlets / brochures should be submitted along with the quotation.
7. The undersigned does not bind himself to accept the lowest quotation and reserve the right to accept or reject any or all the quotations without assigning any reason thereof.
8. The material must be of standard quality and as per specifications and free from all defects. The material if found defective subsequently or not conforming to the specifications as stated above, have to be replaced by the firm without any additional charges.

9. The current meters shall be calibrated from a reputed institute/organization and rating charts to be supplied at the time of delivery.
10. The material shall have a warranty of minimum one year from the date of supply or as provided by the manufacturer, whichever is higher.
11. Material should be delivered at office of the Executive Engineer, Chenab Division, Central Water Commission, Jal Aayog Bhawan, Rajinder Nagar, Bantalab, Jammu.
12. The quantity of materials may be increased or decreased at the time of supply order.
13. Material should be supplied within 30 days from the date of supply order.
14. The rates should be F.O.R. destination at Office of office of the Executive Engineer, Chenab Division, Central Water Commission, Jal Aayog Bhawan, Rajinder Nagar, Bantalab, Jammu and inclusive of all taxes/charges including VAT/Service Tax/Transport charges/insurance etc.
15. Rates quoted should be valid at least for 90 days from the date of opening.
16. The rate should be quoted both in words and figure.
17. The payment will be made through PFMS after satisfactory supply of the materials in good condition and as per specification. For this, the quotationers must submit their Bank Account Details such as Account No., Name of the Account Holder, Name of the Bank and Branch, IFSC Code and address of the Branch.
18. Specifications of the equipments are enclosed as per Annexure-I


16/05/19

(कमलेश जैन)

अधिशसी अभियंता

Copy for kind information to:-

1. The Superintending Engineer (C), IBO, CWC, Chandigarh
2. The Director, M&A Dte., CWC, Jammu
3. The AAO, Accounts Branch, CWC, Jammu
- ✓ 4. Notice Board, Chenab Division, CWC, Jammu

Specifications of the equipments:-**1. Cup Type Current Meter with standard accessories**

Purpose: - The current meter will be used for flowing water velocity and thus discharge measurements in rivers. It may be used in wading or suspended mode.

Specifications

Model 6 cup wheel
 Contact every one revolution
 Range 0.05 to 3.5 m/s (starting up to maximum operational velocity)
 For velocities up to 0.3 m/s 1% full scale for velocities >0.3m/s
 Accuracy 0.5 % of FS
 Contact chamber magnetic or optic fiber

Conditions & Requirements:-

- The current meter shall be of such a design that it operates reliably and accurately under the prevailing flow and environmental conditions.
- The current meter shall be easy to operate and maintain
- The current meter shall be supplied with the accessories as needed for effective deployment.
- All materials of the current meter shall be non-corrosive
- An operator's manual related to the type and model of the current meter, shall be part of the delivery.
- The current meter shall come with the calibration data, i.e. actual calibration velocity versus actual revolutions per second as collected during the calibration process. Calibration data should uniquely identify the instrument body, the rotor, observer, rating tank, way of suspension, methodology and similar information.
- The current meter shall come with a rating table and a rating chart in m/s versus revolutions per second.
- The current meter shall have a provision to adjust its trimming.
- The design shall be sediment resistant and have an air-filled bearing chamber.
- The bearings should be field adjustable.
- The current meter shall come without a protection ring/yoke in front of the rotor. Such a yoke would make the current meter sensitive to its alignment in to the flow, which should be avoided.
- The bearing chamber shall be as slim as possible to avoid excessive drag.
- The electrical connections shall not protrude into the current, but backwards instead.
- The electrical connections shall be of reliable and sturdy construction.
- The current meter and accessories shall be supplied in a sturdy carrying case.
- An appropriate tool-set shall be included in the delivery.
- The current meter shall generally comply with IS 3910-1992.
- The current meter shall have a facility to balance it into a horizontal attitude while submersed.
- Horizontal and vertical tail fins at the rear end shall align the fish weight in the direction of flow.
- Except for the suspension bar, no elements shall protrude from the body.
- The fish weight shall generally comply with IS 4073-1967 and ISO 3454-1983

2. Max-Min Thermometer

Purpose: The measurement of maximum and minimum atmospheric air temperature

Make – Zeal England

Span of scale (°C) - -20 to +50

Range of calibration - -20 to +40

Maximum error - 0.2K

Maximum difference between Maximum and minimum correction

Within the range - 0.3 K

Maximum variation of correction within any interval of 10°C - 0.1 K

3. Fish Weight 10 Kg

Material : lead

Finish : smooth, painted surface

Mass : 10 kg as required for depth and current velocity

Suspension : bar fitting current meter and cable terminal

4. Ordinary Rain gauge with Measuring Cylinder

Rain gauge capacities: 200 mm fall

Rain gauge confirms : ISI 5225/1969


Collector's capacity : 200 cm² area

Nominal capacity : 2 Liters

Rain measuring cylinders capacities : 20mm

5. Digital Stop Watch "Racer"

1/10th Second time display, Hour Minute and Seconds


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