



भारत सरकार
GOVERNMENT OF INDIA
केन्द्रीय जल आयोग
CENTRAL WATER COMMISSION
सिक्किम अन्वेषण मंडल
SIKKIM INVESTIGATION DIVISION
तादोंग, गान्तोक (सिक्किम)
TADONG, GANGTOK (SIKKIM) - 737 102



Phone : 03592-231887
271059
Fax : 231887
Email ccsid-cwc@gov.in

File No. File No. SID/DB-7(2)/2019-20/888-92,

Dated. 02.09.2019

CORRIGENDUM-1

With reference to NIQ No.-SID/HQ-10 /2019-20/855-59 dated 29/08/19 by the O/o the Executive Engineer, Sikkim Investigation Division, CWC, Tadong for "Supply of Meteorological Equipment", the modification of following items may be read as under:

Sl. No.	Event/ Item	As per Tender	May be read as
2.	Date & Time of Bid Opening	10.09.2019 15.00 Hrs.	11.09.2019 15.00 Hrs.

All other Terms and Conditions of the Bid document remain unaltered.

Yours Sincerely,

[Signature]
Executive Engineer

Copy for kind information to:

1. Chief Engineer, TBO, CWC, Kolkata.
2. Director, SMD Dte. CWC, New Delhi - with a request for uploading on CWC website.
3. Superintending Engineer (C), TBO, CWC, Siliguri.
4. Superintending Engineer, Investigation Circle, CWC, Gangtok
5. Notice Board.

[Handwritten notes and signatures]
11/10/2019
Ad-T (A)





भारत सरकार
GOVERNMENT OF INDIA
केन्द्रीय जल आयोग
CENTRAL WATER COMMISSION
सिक्किम अन्वेषण मंडल
SIKKIM INVESTIGATION DIVISION
तादोंग, गान्तोक (सिक्किम)
TADONG, GANGTOK (SIKKIM) - 737 102



Phone : 03592-231887

271059

Fax : 231887

Email eesid-cwc@gov.in

File No. File No. SID/DB-7(2)/2019-20/882-86

Dated. 02.09.2019

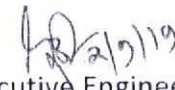
CORRIGENDUM-1

With reference to **NIQ No.-SID/HQ-10 /2019-20/860-64** dated 29/08/19 by the O/o the Executive Engineer, Sikkim Investigation Division, CWC, Tadong for **"Supply of Hydrological Equipment"**, the modification of following events may be read as under:

Sl. No.	Event/ Item	As per Tender	May be read as
1.	Date & Time of Bid Opening	10.09.2019 15.00 Hrs.	11.09.2019 15.00 Hrs.

All other Terms and Conditions of the Bid document remain unaltered.

Yours Sincerely,


Executive Engineer

Copy for kind information to:

1. Chief Engineer, TBO, CWC, Kolkata.
2. Director, SMD Dte. CWC, New Delhi - with a request for uploading on CWC website.
3. Superintending Engineer (C), TBO, CWC, Siliguri.
4. Superintending Engineer, Investigation Circle, CWC, Gangtok
5. Notice Board.



भारत सरकार
Government of India
केन्द्रीय जल आयोग
Central Water Commission
सिक्किम अन्वेषण मंडल
Sikkim Investigation Division
तादोंग, गान्तोक (सिक्किम)
TADONG, GANGTOK (SIKKIM)-737 102.

Phone : 03592-231887

271059

Fax : 231887

Email eesid-cwc@gov.in

File No. SID/HQ-10/2019-20/860-64

Dated: 29/08/19

NOTICE INVITING QUOTATION

For and on behalf of the President of India, online quotations invited by the undersigned for supply of following items from the authorized/ approved agencies/ Dealers, as per the following terms & conditions. The online quotation should be submitted latest by 09/09/2019 upto 15.00 Hrs, which will be opened online on 10/09/2019 at 15:00 Hrs. in the presence of the Bidders/Tenderers or their representative, if any.

HYDROLOGICAL EQUIPMENTS FOR SUPPLY

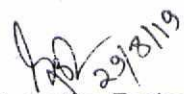
Sl. No.	Name of materials	Quantity	Specifications
1.	Current meter with Accessories	14 Nos.	As per Enclosed Annexure-I
2.	Digital counter	14 Nos.	
3.	Fish weight 10 kg.	11 Nos.	
4.	Fish Weight 25 kg.	11 Nos.	
5.	Wading Rod 3 mt.	11 Nos.	

All other Details/information can be accessible on website <http://eprocure.gov.in>, the Central Public Procurement Portal of Government of India. Same is also available at tender page on the CWC website at <http://www.cwc.nic.in>.

Terms & Conditions

- Rs. 3400.00 as Earnest Money Deposit (EMD) of quotation/tender through A/C payee demand Draft drawn on any scheduled bank in favour of the Executive Engineer, Sikkim Investigation Division, CWC payable at Gangtok.
- The copies of technical documents ie brochures, copy of supply orders as proof of having experience in the field, PAN, GST, etc and EMD or a copy of exemption certificate of EMD, valid up to the bid validity period (NSIC/MSME) for the items tendered should be submitted to the office of the Executive Engineer, Sikkim Investigation Division, Central Water Commission, Gangtok, Sikkim on or before 09/09/2019 upto 15.00 Hrs by personally or through post or courier beside uploading the same on web site. The bid will be opened if EMD of those received by office (SID, CWC) within stipulated date and time. Other bids will not be opened and it will be treated as rejected.
- The Rates may be quoted online on <http://eprocure.gov.in> by login in to the portal after registering themselves on the Central Public Procurement Portal of Government of India.
- Bidders must have PAN and Goods & service Tax Number, Photocopy of the same should be enclosed/uploaded.
- The rates are to be quoted for F.O.R destination inclusive of packing, forwarding, freight, insurance, if any, at the office of the Executive Engineer, Sikkim Investigation Division, CWC, Gangtok, Sikkim.
- The rates should be valid for 60(sixty) days from the due date of opening of quotation.

7. Supply of the material shall be completed within 20 days from the date of issue of supply order with the satisfaction of competent authority, which shall be final in this regard.
8. The rates must be quoted in the prescribed form named as BoQ which can be downloaded and after entry of rates it should be uploaded online as financial bid.
9. The quantity of materials shown above is tentative and may be increased / decreased at the time of placing supply order.
10. The materials must be of standard quality and as per specifications and free from all defects.
11. Materials should be delivered at Office of The Executive Engineer, Sikkim Investigation Division, CWC, Gangtok, Sikkim.
12. Guarantee/Warranty of one year.
13. No advance payment will be made before supply. The payment will be made by PFMS only on receipt of bills in triplicate after completion of full supply in correct and good conditions. Mandate form shall be enclosed along with the bill to facilitate to make the payment through PFMS
14. The undersigned reserve the right to reject a part or the whole of quotations without assigning any reason thereof.
15. Taxes will be deducted from the bill as per Govt. of India rules.

 29/8/19

Executive Engineer
For and on behalf of President of India

Copy to:

1. Superintending Engineer (C), TBO, CWC, Kolkata for kind information.
2. Superintending Engineer, Investigation Circle, CWC, Gangtok for kind information.
3. Director, SMD, Dte. CWC, Sewa Bhawan, New Delhi - with a request for uploading on CWC website.
4. Assistant Account Officer, Account Branch, SID. **Chargeable Head : 4701 DWRIS-80.800.06.00.52 M&E.**
5. Notice Board.

Specifications of T&P equipment

1. Current Meter with Accessories.

Conditions & Requirements of Current Meter

- 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 valid rating table and a rating chart in m/s versus revolutions per second. The date of rating should not be older than One month at the time supply of material**
- 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 into 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 a 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
- For suspended operation, adequate fish weight shall be attached below the current meter.
- The fish weight shall have a streamlined form and shall be suspended from a bar of adequate strength
- 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 tail fin shall be capable of aligning the current meter in the direction of flow and keep it stable in that position throughout the full velocity range.
- **The minimum spin time shall not be less than 60 seconds.**

Specifications of Current meter

Sensor	
model	6 cup wheel
contact	every one revolution
range	0.05 to 3.5 m/s (starting up to maximum operational velocity)
accuracy	for velocities up to 0.3 m/s 1 % Full Scale
	for velocities >0.3 m/s 0.5 % FS
contact chamber	magnetic or optic fibre

Other Accessories

- standard instrument tools

- spare bearings
- Wooden/Fibre carrying case for current meter with counter

2. Digital Counter

Purpose

The pulse counter will be used during discharge measurements with 'rotating element' current meters. The revolution counter integration time will be measured with the stopwatch.

Conditions & Requirements

- The instrument shall be compatible with the environment of operation.
- The instrument shall be adequate for the application and the mode of working.
- pulse counter shall have facilities for pre-set time and pre-set pulse measurements.

Specifications

digital counter	electronic counter with LCD display
counting frequency	≥ 50 pulses per second, anti bounce input
counting range	≥ 999 pulses
counting resolution	1 pulse

pre-set time pulse counting

preset ranges	≥ 4 and infinite e.g. 30, 40, 60 and 100
---------------	--

resolution of time measurement	≤ 0.1 s
--------------------------------	--------------

preset number of pulses	e.g. 10, 30, 60 and infinite
-------------------------	------------------------------

power supply	standard dry cell(s), e.g. AA, C or D size
clock	quartz clock
display	good readability in daylight
operating temperature	0 to 60°C
humidity	95%
enclosure	rigid, portable, splash proof

Consumables

- batteries for one year counter operation

3. Fish weight (Item No. 3 & 4)

The fish weight shall generally comply with IS 4073-1967 and ISO 3454-1983.

model	USGS Columbus or similar
material	cast iron or lead
finish	smooth, painted surface
mass	10, 25 kg as required for depth and current velocity If the instrument is used from a cable way then an integrated bottom detector is required
suspension	bar fitting current meter and cable terminal
tail fin length	>0.25 m beyond the attach point of the suspension

4. Wading Rod (Item No.5) Conditions & Requirements

wading rod with base plate	total length 3 m (each piece of 1 m long having provision to assemble them to make to 3 mtr long, graduation in cm,
electrical cable	running from current meter to counter, 10 m electrical cable integrated in suspension cable electrical cable from winch to counter, 7 m
cable torque	torque free suspension cable

The suspension cable should not exert any torque that may adversely affect the alignment of the flow sensor into the direction of flow. In particular in case a heavy suspension weight is used, there is a risk of cable induced torque.

[Validate](#)[Print](#)[Help](#)

Item Rate BoQ

Tender Inviting Authority: Executive Engineer, Sikkim Investigation Division, CWC,

Name of Work: Procurement of Hydrological Equipment

Contract No: Nit No.

Name of the
Bidder/ Bidding
Firm /
Company :

(This BOQ template must not be modified/replaced by the bidder and the same sh
Bidders are allowed

NUMBER #	TEXT #	NUMBER #
Sl. No.	Item Description	Quantity
1	2	4
1	Hydrological Equipment	
1.01	Current Meter with accessories	14.000
1.02	Digital counter	14.000
1.03	Fishweight 10 kg.	11.000
1.04	Fishweight 25 kg.	11.000
1.05	Wading rod 3 mt.	11.000
Total in Figures		
Quoted Rate in Words		



भारत सरकार
Government of India
केन्द्रीय जल आयोग
Central Water Commission
सिक्किम अन्वेषण मंडल
Sikkim Investigation Division
तादोंग, गान्तोक (सिक्किम)
TADONG, GANGTOK (SIKKIM)-737 102.

Phone : 03592-231887
271059
Fax : 231887
Email eesid-cwc@gov.in

File No. SID/HQ-10/2019-20/855-59

Dated: 29/08/19

NOTICE INVITING QUOTATION

For and on behalf of the President of India, online quotations invited by the undersigned for supply of following items from the authorized/ approved agencies/ Dealers, as per the following terms & conditions. The online quotation should submit latest by 09/09/2019 upto 15.00 Hrs. which will be opened online on 10/09/2019 at 16:00 Hrs. in the presence of the Bidders/Tenderers or their representative, if any.

METEOROLOGICAL EQUIPMENTS FOR SUPPLY


Sl. No.	Name of materials	Quantity	Specifications
1.	Ordinary Rain Gauge with measuring cylinder	10 Nos.	As per Enclosed Annexure-I

All other Details/information can be accessible on website <http://eprocure.gov.in>, the Central Public Procurement Portal of Government of India. Same is also available at tender page on the CWC website at <http://www.cwc.nic.in>.

Terms & Conditions

- Rs. 740.00 as Earnest Money Deposit (EMD) of quotation/tender through A/C payee demand Draft drawn on any scheduled bank in favour of the Executive Engineer, Sikkim Investigation Division, CWC payable at Gangtok.
- The copies of technical documents ie brochures, copy of supply orders as proof of having experience in the field, PAN, GST, etc and EMD or a copy of exemption certificate of EMD, valid up to the bid validity period (NSIC/MSME) for the items tendered should be submitted to the office of the Executive Engineer, Sikkim Investigation Division, Central Water Commission, Gangtok, Sikkim on or before 09/09/2019 upto 15.00 Hrs by personally or through post or courier beside uploading the same on web site. The bid will be opened if EMD of those received by office (SID, CWC) within stipulated date and time. Other bids will not be opened and it will be treated as rejected.
- The Rates may be quoted online on <http://eprocure.gov.in> by login in to the portal after registering themselves on the Central Public Procurement Portal of Government of India.
- Bidders must have PAN and Goods & service Tax Number, Photocopy of the same should be enclosed/uploaded.
- The rates are to be quoted for F.O.R destination inclusive of packing, forwarding, freight, insurance, if any, at the office of the Executive Engineer, Sikkim Investigation Division, CWC, Gangtok, Sikkim.
- The rates should be valid for 60(sixty) days from the due date of opening of quotation.
- Supply of the material shall be completed within 20 days from the date of issue of supply order with the satisfaction of competent authority, which shall be final in this regard.
- The rates must be quoted in the prescribed form named as BoQ which can be downloaded and after entry of rates it should be uploaded online as financial bid.

9. The quantity of materials shown above is tentative and may be increased / decreased at the time of placing supply order.
10. The materials must be of standard quality and as per specifications and free from all defects.
11. Materials should be delivered at Office of The Executive Engineer, Sikkim Investigation Division, CWC, Gangtok, Sikkim.
12. Guarantee/Warranty of one year.
13. No advance payment will be made before supply. The payment will be made by PFMS only on receipt of bills in triplicate after completion of full supply in correct and good conditions. Mandate form shall be enclosed along with the bill to facilitate to make the payment through PFMS.
14. The undersigned reserve the right to reject a part or the whole of quotations without assigning any reason thereof.
15. Taxes will be deduct from the bill as per Govt. of India rules.


Executive Engineer
For and on behalf of President of India

Copy to:

1. Superintending Engineer (C), TBO, CWC, Kolkata for kind information.
2. Superintending Engineer, Investigation Circle, CWC, Gangtok for kind information.
3. Director, SMD, Dte. CWC, Sewa Bhawan, New Delhi - with a request for uploading on CWC website.
4. Assistant Account Officer, Account Branch, SID. **Chargeable Head : 4701 DWRIS-80.800.06.00.52 M&E.**
5. Notice Board.

Specifications of T&P equipment

1. Ordinary Rain Gauge with measuring cylinder

Conditions & Requirements

- The rain gauge shall be of such a design that it operates reliably and accurately under the prevailing environmental and weather conditions.
- The rain gauge shall be easy to operate and maintain.
- The rain gauge shall be supplied with the accessories as needed for effective deployment.
- All materials on the rain gauge shall be non-corrosive.
- **The locking ring shall be of rigid plastic**
- The rain gauge shall have smooth and permanent surface finish to minimise evaporation losses.
- The minimum expected lifetime in open field shall be 15 years.
- All openings of the rain gauge shall be covered with stainless steel net to protect against any insects entering inside.
- The rain gauge shall comply with IS 5225-1992

Specifications

1 100 cm Model

collecting area	100 cm ²
ID of rim	112.9 mm
collecting bottle	4 litres
nominal capacity	400 mm
rain measure	for 20 mm rainfall, graduation etc. according to IS 5225-1992

2. Materials

base and collector	preferably FRP
rim of collector	aluminium or gun metal

Accessories

3. 10 litres for special large base 100 cm² collector for heavy rainfall stations

