



भारत सरकार
जल संसाधन, नदी विकास
और गंगा संरक्षण मंत्रालय
केन्द्रीय जल आयोग
जल विज्ञान मंडल



GOVERNMENT OF INDIA
Ministry of Water Resources,
River Development & Ganga Rejuvenation
CENTRAL WATER COMMISSION
Hydrology Division

NEERVALAM
No. R-81, TNHB Colony,
West Velachery, Chennai-600042.
Phone: 044-29530653
email: ee.chn-cwc@nic.in

Tender No. 7/HD/HQS/NIT/2019/ 1584-85

Date: 01/07/2019

NOTICE INVITING TENDER

CPWD-6

On behalf of the President of India, EXECUTIVE ENGINEER, HYDROLOGY DIVISION, CENTRAL WATER COMMISSION, "NEERVALAM", PLOT NO.81, TNHB COLONY, NEAR TELEPHONE EXCHANGE, WEST VELACHERY, CHENNAI - 600 042 invites **sealed and super scribed item rate tenders** for the supply of following items from eligible registered firms.

Name of the work	:	Supply of Bridge Outfit as per IS 6064-1971 at various locations – 04 Nos
Period of Supply	:	30 days
Estimated cost	:	Rs. 2,12,500/-
Earnest Money Deposit	:	Rs. 4250/-
Tender Fee	:	Rs. 500/-

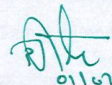
1. The Eligibility Criteria for technical bid is as follows:

- The bidder should have registered as a firm with Central or State Government.
- The bidder should have minimum of three years experience in the field of supply of hydro-meteorological equipments.
- The bidder should provide proof from Govt departments of having satisfactorily supplied and functioning of similar equipments during the last two financial years. Similar works here refer to the supply completed by the bidder equivalent to at least 80% of the above estimated cost.
- The bidder should have valid GST and PAN number. Income tax statement for the last two financial years. GST remittance paid to the government till April 2019 shall be submitted.
- Bidders producing valid MSME/NSIC certificate are exempted from paying EMD and Tender Fee.

The firm should enclose all documentary proof / evidence to substantiate the eligibility criteria as given above along with the tender.

- The Notice Inviting Tender can be downloaded from www.cwc.gov.in or www.eprocure.gov.in.
- The bidder has to submit following documents in hard copy in a sealed envelope before last date and time of submission of bids i.e on 22/07/2019 @ 11.00 hrs, otherwise the bid will not be considered for opening:
 - Demand Draft towards tender fee in original in sealed envelope.
 - Demand Draft towards Earnest Money Deposit (EMD) in original in sealed envelope.

4. Tenders will be received up to 22/07/2019 @ 11.00 hrs by the Executive Engineer, Hydrology Division, Central Water Commission, R-81, TNHB colony, West Velachery, Chennai – 600042. **The tenders will be opened by the Executive Engineer or his authorized representative on 22/07/2019 at 12.00 hrs. Interested agencies may participate in the tender opening event.**
5. The competent authority on behalf of the President of India does not bind himself to accept the lowest or any other tender, and reserves his right to reject any or all of the tenders received without assigning any reason thereof. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
6. In case of a partnership/consortium, the agreement signed between various partners will be submitted with the bid clearly identifying the parts and components of the system for which the concerned partner is responsible for execution. However, each of the partners of the consortium will be jointly responsible for execution and completion of the works.
7. One of the partners of the firm will be identified in the agreement as a lead partner and will be authorized to execute the contract with the department. All financial transactions and liabilities shall rest with the lead partner.
8. The bid shall include all the relevant documents supporting the technical competence of the offers and shall indicate by proper cross referencing with such supporting documents. Any additional information requested by the department during the course of evaluation of the technical bid shall be supplied within the time limits set by the department.
9. All tenders, in which any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected. The tender shall be valid for a period of 60 days from opening date of the bid. Quantity may vary without any prior notice.
10. Tenderer are encouraged to inspect and examine the delivery location and its surroundings and satisfy / apprise themselves as to the nature of the supply, the means of access and in general, shall obtain themselves all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender and rates, before submitting their tenders. A tenderer shall be deemed to have full knowledge of the delivery location whether he/ she inspects the site or not and no extra payment / compensation consequent upon any misunderstanding / mis-happening or otherwise shall be allowed.
11. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of the work.
12. All tenders in which any of the prescribed conditions are not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.


(र. गिरिधर)/(R.GIRIDHAR)

अधिशायी अभियंता/Executive Engineer

V. Vijayadharan/01/07/2019
(AD-3)

प्रतिलिपी/Copy to:

1. The Superintending Engineer, C&SRC, CWC, Bengaluru for kind information please.

TERMS AND CONDITIONS OF THE CONTRACT

Introduction:

Central Water Commission is a premier Technical Organization of India in the field of Water Resources and is presently functioning as an attached office of the Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India. The Commission is entrusted with the general responsibilities of initiating, coordinating and furthering in consultation of the State Governments concerned, schemes for control, conservation and utilization of water resources throughout the country, for purpose of Flood Control, Irrigation, Navigation, Drinking Water Supply and Water Power Development. Cauvery and Southern Rivers Organization, Coimbatore under CWC is mainly associated with collection, compilation of Hydrological & Meteorological data at various locations of the rivers flowing through the States of Kerala, Tamil Nadu, Puducherry, Parts of Karnataka & Parts of Andhra Pradesh. The data collected by the organization is extensively used for the water resources development, planning, management, research etc. The work proposed is for supplying bridge out as per IS 6064-1971 to respective locations.

1. One Bid per Bidder:

Each bidder shall submit only one bid either by himself or as a partner in a joint venture. Bidder who submits or participates in more than one bid will be disqualified. **Bidder's signature is mandatory in each page of the tender document.**

2. Signing the tender:

In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power-of attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952(documents to be enclosed).

Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm.

3. Contents of bidding documents: The set of bidding document comprises the documents listed below

- a) Notice Inviting Tender
- b) EMD & Tender Fee
- c) Terms and Conditions of the contract
- d) Contract/Agreement form – CPWD 9
- e) Schedule of work
- f) Security Deposit

4. Amendment of Bidding Document:

At any time prior to the deadline for submission of bids, the department may amend bidding documents by issuing addendum. Any addendum thus issued, shall be part of the bidding document and shall be communicated in writing to all bidders of the bidding document. To give perspective bidders, reasonable time in which to take an addendum into account in preparing their bids, the Employer shall extend as necessary the deadline for submission of bids.

5. Language of the Bid:

All documents relating to the bid shall be in the English language or Regional language.

6. Earnest Money Deposit:

The bidder shall furnish as part of its bid an EMD of Rs. **4250/- (Rupees Four thousand two hundred and fifty only)** in the form of DD from any scheduled bank. The EMD may be forfeited in the following cases:

- i) If a bidder withdraws his bid during the period of bid validity specified in the terms and condition of the contract.
- ii) If a bidder does not accept the correction of errors, (i.e. If there is a discrepancy between unit cost and total cost then unit cost will prevail. If there is a difference between words and figures the amount in words will prevail.
- iii) If a successful bidder fails to sign the contract or fails to submit the performance guarantee within the stipulated time given in the terms and conditions of the contract.

7. Security Deposit:

After the successful completion of the work by the firm / contractor, 5% of bill value (Form 24) as Security Deposit will be deducted. **The security deposit will be held by the department for a period of 14 months.** The security deposit will be returned to the agency only after satisfactory performance / behaviour of the structure / installations erected. The withheld period may also be extended if the department intends to do so.

8. Bid Prices:

- a) The bid shall be for the full quantity as described in the schedule of work, corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- b) Rates quoted shall be inclusive of all charges like material, transportation, labour, taxes and other levies and incidental expenses, if any.
- c) The rate quoted by the tenderers shall remain fixed for the duration of the contract and shall not be subject to adjustment on any account.
- d) No additional charges will be paid over and above the quoted rates of the Agency and the department shall also not pay any extra amount on any account.
- e) Deviation in quantities of agreed items will be arrived as per relevant CPWD manual.

- f) If there is any discrepancy between unit rate and total amount, the unit rate will prevail.
- g) The rates shall be quoted in Indian Rupee only.
- h) If two or more agencies have quoted the same rates, then lot system as per CPWD manual 2014 will be followed for further process and award of contract.**

9. Bid Validity:

Bid shall remain valid for the period of 60 days from the date of technical bid opening. In exceptional circumstances prior of the original bid validity period, the Executive Engineer may request the bidders to extend the period of validity in a specified additional period. The request and the responses thereto shall be made in writing only.

10. Corrupt and fraudulent practices:

It is expected that Bidders under this contract observe the highest standard of ethics during the execution of this contract. In pursuance of this policy, the Executive Engineer.

(a) Defines for purpose of these provisions, the terms set forth below as follows:-

- (i) 'Corrupt practice' means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the contract execution, and
- (ii) 'Fraudulent practice' means a misrepresentation of facts in order to influence the execution of a contract to the detriment of the employer, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid process at artificial non-competition levels and to deprive the Executive Engineer of the benefits of free and open competition.

(b) Will reject a proposal for award of work if he determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for contract in question.

11. Clarification of Bidding Documents:

To assist in the examination, evaluation and comparison of bids, the department may at its discretion, ask any bidder for clarification of its bid. The request for clarification and the response shall be in writing, but no change in the price or substance of the bid shall be sought or offered or permitted except as required to confirm the correction of arithmetic errors discovered by the department in the evaluation of the bids.

12. Examination of Bids and Determination of Responsiveness:

A substantially responsive bid is one that confirms to all the terms and conditions of the bidding document without material deviation or reservation. A material deviation or reservation is one which affects in any substantial way the scope, quality or performance of the work and which limits in any substantial way inconsistent with the bidding documents, the Executive Engineer's rights or the bidder's obligations under the contract, or whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids. If a bid is not substantially

responsive, it will be rejected by the Executive Engineer and may not subsequently be made responsive by correction or withdrawal and the non-confirming deviations or reservations.

13. Award criteria:

The Executive Engineer shall award the contract to the Bidder whose Bid has been found to be substantially responsive and who has offered the lowest evaluated Bid Price.

14. Notification of Award:

The bidder whose bid has been accepted will be notified of the award by the Executive Engineer prior to expiration of the Bid validity period. This letter of acceptance will state the sum that the Executive Engineer will pay the contractor in consideration of the execution of the works by the contractor.

15. Dispute Resolution Mechanism:

Any disputes arising on the contract will be referred to SE, C&SRC, CWC, Bengaluru and the decision of SE, C&SRC, CWC, Bengaluru will be final and binding to the bidder.

16. Signing of Contract:

The successful bidder, on acceptance of his bid by the Accepting Authority shall, within 15 days from the stipulated date of start of the work, sign and execute the Contract in the contract/agreement form along with performance guarantee.

19. Payment Terms:

The payment will be made to the agency by the Executive Engineer after successful delivery of the equipment and checking by the site-in-charge. The payment will be made within 15 days from the successful delivery and testing by the department.

20. Termination of Contract:

If the firm does not comply with the specifications of IS 6064-1971 for the fabrication and supply of the bridge outfit, the Executive Engineer may terminate the contract and the performance guarantee will be forfeited.

21. Delivery Period:

The supply is to be completed within 30 days from the 15th day of award of purchase order. No extension of time will be allowed except for the reason of natural calamity.

22. Liquidated Damages:

Liquidated Damages shall be levied upon the agency as determined by the Superintending Engineer not exceeding 5% of contract value failing to attend the contract as per conditions and in the event of any damage / loss to the property or asset of the department.

23. List of locations where the equipment is to be delivered:

Quantity	Name of the Site	Address of the Site	Contact Person
1	Penneswaramadam	D. No. 1/138B, Penneswaramadam Village, (via) Kaveripattinam taluk, Krishnagiri District, Pincode: 635112. Tamil Nadu	Shri. S. Arun Prasanna 9840404077
1	Mayampadi	No.87/A, Marriyamman Kovil Street, (First Floor) Pottiyam - Post, Chinna Salem – Taluk Villupuram District, Pincode: 606201 Tamil Nadu	Shri. Sathyadasan 6383519410
1	Pallamala	Panchalama colony, Pallamala village, Buchi Naidu kandriga mandal, Chittoor district, Pincode: 517645. Andhra Pradesh	Shri. Nagooraiah 759676549
1	Rayachoti	D. No 2/46, Gollapalli masapeta, Rayachoti post & mandal, Kadapa district, Pincode: 516269. Andhra Pradesh	Shri. Somasundaram 7893929510

24. Warranty period:

The bridge outfit shall be under warranty period of 1 year from the date of delivery at respective locations. Any defect / service during the warranty period shall be attended by the supplier free of cost.


अधिशाली अभियंता/Executive Engineer

SCHEDULES

SCHEDULE 'A'	:	Applicable (enclosed)
SCHEDULE 'B'	:	Not Applicable
SCHEDULE 'C'	:	Not Applicable
SCHEDULE 'D'	:	Not Applicable
SCHEDULE 'E'	:	Applicable
SCHEDULE 'F'	:	Applicable

SCHEDULE 'E'	:	Reference to general conditions of the work
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Name of the work	:	Supply of Bridge Outfit as per IS 6064-1971
Estimated Cost	:	Rs. 2,12,500/-
EMD @ 2%	:	Rs. 4250/-
Security Deposit	:	5% of final bill value

SCHEDULE 'F'

Office Inviting Tender	:	Executive Engineer, Hydrology Division, Central Water Commission, Plot No R-81, TNHB colony, West Velachery, Chennai – 600042.
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Definitions:

Engineer-in-charge	:	Asst Director-II, Hydrology Division, CWC, Chennai
Accepting Authority	:	Executive Engineer, Hydrology Division, CWC, Chennai
Department	:	Central Water Commission
Clause 1	:	Applicable
Clause 2	:	
Authority for fixing compensation	:	Superintending Engineer, C&SRC, CWC, Bengaluru
Clause 3	:	
Authority for determination of tender	:	Executive Engineer, HD, CWC, Chennai
Clause 3A	:	Applicable
Clause 11	:	Applicable
Clause 15	:	Applicable
Clause 16	:	Applicable
Clause 17	:	Applicable
Clause 19 (A – L)	:	Applicable
Clause 20	:	Applicable
Clause 23	:	Applicable
Clause 24	:	Applicable
Clause 25	:	Applicable
Clause 37	:	Applicable
Clause 38	:	Applicable
Clause 39	:	Applicable

Note: All other clauses are not applicable.

SCHEDULE OF QUANTITIES cum PROFORMA FOR FINANCIAL BID

S. No	Description of Work	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
1	Supply of Bridge Outfit as per IS 6064-1971	No	04		
	Sub Total				
	GST @				
	Total				

SPECIFICATIONS OF HAND OPERATED BRIDGE OUTFIT

mass of current meter with fish weight up to 100 Kg
maximum load 2500 Newton
cable length - 50 m
the suspension cable should not exert any torque that may adversely affect the alignment of flow sensor in to the direction of flow in particular in case of a heavy suspension weight is used, there is a risk of cable induced torque
maximum flow velocity is 5m/s
boom length to be specified for suspended current meter to clear bridge under carriage projection, that may be present. Boom under side to be of sufficient height along with suspended current meter & fish weight to clear parapet on bridge
Bridge outfit wheel base adequate to move on the foot paths or berms available on the bridge (atleast a range of dimensions based on bridges on which outfit is planned to be used has to be indicated
Note for purchaser dimensions in respect of boom length and its height shall be given to differentiate from the main specifications. Specify two configurations of height/boom length on an average basis since defining several combinations of boom length / height is not practicable in supply. batteries for 1 year counter operation

The bridge outfit shall be of such a design that it operates reliably and safely under the prevailing environmental conditions. The bridge outfit shall be easy to operate and maintain. The bridge outfit shall be supplied with the accessories as needed for effective deployment. All materials on the bridge outfit exterior shall be non-corrosive. The bridge outfit shall have an expected technical lifetime of not less than 10 years. The equipment shall consist of a crane and a winch arrangement. The current meter shall be lowered by a hand driven winch. The bridge outfit shall be provided with a clamping facility to hold the cable at any desired position. While hoisting the current meter the cable shall be wound gradually guided from the one drum end to the other and vice versa, to lay the windings tidily next to each other. The winch system shall have a re-settable depth counter. The winch and its attachments such as crank, brake, ratchet/catch shall be assembled in a compact unit. This assembly shall be mounted on a moving crane. The crane trolley shall have 4 wheels with solid rubber tyres for easy movement. During operation of the current meter, the crane trolley shall stand on pedestals. A counter weight for the crane shall be included in the delivery. It should be sufficient to keep the crane from keeling over. The cable from which the current meter is suspended shall have an incorporated insulated electrical conductor. The conductor connects the flow sensor revolution sensor switch to the pulse counter. The electrical connection should pass through a slip-ring assembly on the winch. The suspension cable shall match the propeller type current meter from 10.009. If a propeller type flow meter is used then the suspension cable shall be torque free. The crane shall have a wire angle indicator. The equipment shall generally comply with IS 6064-1971 in fabrication and material used.