

INDEX

Name of Work – Construction and Installation of RCC gauge Posts at various sites under Narmada Division, CWC, Bhopal (M.P.)

Sl No.	Contents	Page No.			Remarks
1	Index	1	to	2	
2	Press Tender Notice	3	to	4	
3	Information and Instruction for bidder	5	to	6	
4	Key Event and Dates	7	to	8	
5	Special instruction to Bidders by TCIL for e-Tendering	9	to	15	
6	Schedule of Quantities	16	to	16	
7	Drawing	17	to	18	
8	List of sites	19	to	19	
9	Notice inviting tenders (CPWD - 6)	20	to	23	
10	Technical Bid	24	to	24	
8	Form of Earnest Money (Bank Guarantee)	25	to	26	
9	Tender and contract (Civil)	27	to	28	
10	Schedule “A” to “F” (Civil)	28	to	34	

Certified that this NIT contains pages **1 to 34 (Including Cover)**

This N.I.T. is approved for **Rs. 15,96,800/-** (Rupees fifteen lacs ninety six thousand eight hundred Only)



Central Water Commission**ई-निविदा आमंत्रण सूचना
NOTICE INVITING e-TENDER**

The Executive Engineer, Narmada Division, CWC, Bhopal, invites on behalf of President of India item rate e-Tenders from CPWD registered (Registered in appropriate class/category for the region) and those of appropriate list of M.E.S., B.S.N.L. Railways contractors for following work:-

NIT NO.: 03/NDB/CWC/2019-20/1129
TSC: CWC-2019-TN000182

Dated 30/04/2019

Name of Work: - Construction and Installation of RCC gauge Posts at various sites under Narmada Division, CWC, Bhopal (M.P.)

Estimated Cost: ₹ **15,96,800/-**

Earnest money: ₹ **32,000/-**

Period of completion: **90 days**

Last time and date of submission of bid Up to 11:00 hrs on 10.05.2019

The tender forms and other details can be obtained from the website www.cwc.nic.in or www.tcil-electronictender.com



INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE

(Applicable for inviting e-tenders)

The Executive Engineer, Narmada Division, CWC, Bhopal (M.P.) on behalf of President of India invites online item rate tenders from the eligible CPWD registered (Registered in appropriate class) contractors and those of appropriate list of M.E.S., B.S.N.L. Railways for the following work(s):

1.0 Details of Works:

NIT No.	Name of work & Location	Estimated cost put to tender	Earnest Money	Period of Completion	Last date & time of submission of tender alongwith EMD in hard copy	Time & date of opening of tender
03/NDB/CWC/2019-20/1129 Dated 02.05.2019	Name of Work - Construction and Installation of RCC gauge Posts at various sites under Narmada Division, CWC, Bhopal (M.P.)	₹ 15,96,800/-	₹ 32,000/-	90 days	Up to 11:00 hrs on 10.05.2019	After 12:00 hrs On 10.05.2019

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and Instructions for bidders posted on website shall form part of bid document.
3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.tcil-electronic-tender.com.

2.0 General Instruction to Bidders:

1. Bids shall be submitted online only at TCIL website URL <https;www.tcil-india-electronictender.com>. Tender/Contractor are advised to follow the instruction provided in the 'Instruction to the Contractor/Tender for the esubmission of the bids online through TCIL PORTAL. The tender notice is also available at www.cwc.nic.in.
2. Not more than one tender shall be submitted by one contractor or contractor having business relationship. under no circumstances father and his son(s) or other close relation who have business relationship with one another (i.e) when one or more partner(s)/director(s) are common be allowed to tender for the same contract as separate competition. A breach of this condition will render the tender of both parties liable to rejection.
3. Tender who has downloaded the tender from the TCIL website URL <https;www.tcil-india-electronictender.com>. shall not tamper/modify the tender form including downloaded price bid template in any manner, tender will be completely rejected and EMD would be forfeited.
4. Intending Tender will be advised to visit again TCIL website URL <https;www.tcil-india-electronictender.com>. before closing date of submission of tender for any corrigendum/amendment.
5. Applicant contractor must provide demand draft for Rs 500/- (five hundred rupee only) (to be purchased on or after publication date of this tender) in favour of Executive Engineer Narmada Division, CWC, Bhopal obtained from any Nationalized/scheduled Bank with their applicant/downloaded tenders as the cost of tender forms/document. All applicable bank or by payment in Cash at O/o of Executive Engineer, CWC, Bhopal.
6. Bids will be opened as per date /time as mentioned in the Tender Key Event Sheet.

7.0. SUBMISSION OF DOCUMENTS

1.0. The following documents are to be furnished online in the technical bid part by the Contractor along with bid as per the tender document:

- (a) Signed and Scanned copy of Certificate / Affidavit of partnership firm/ Pvt. Ltd. Or public Ltd. Company registered certificate.
- (b) Signed and scanned copy of appropriate experience certificates of similar works executed as per the tender notice, PAN and Tender Acceptance Letter.

8.0 The following documents are to be furnished online in the financial bid part by the Contractor along with bid as per the tender document:

- (a.) Signed and scanned price schedule as per tender document.
- (b) The financial bid will be opened only for those bidders who qualify the eligibility criteria as per the tender document as per the tender document as a part of technical bid.

The bidder has to submit following document in hard copy in a sealed envelope before last date and time of submission on line bid otherwise the bid will not be considered for opening.

- a. Earnest money deposit in original.
- b. Demand draft towards tender document cost in original.
- c. Pass phrase for technical & financial bid in separate sealed envelope.

3.0 Key Event and Dates:

Sl. No.	Particulars	Details
1.	Tender inviting authority Designation/Address	Executive Engineer, Narmada Division, Central Water Commission, Ground Floor, Block-3, Paryawas Bhawan, Arera Hills, Bhopal -462011
2	Mode of submission of tender	Electronic Tender are to be submitted on TCIL's e-Tendering portal which can be accessed using URL https://www.tcil-india-electronictender.com
3	Address and address at which document are to be submitted in hard copy	Executive Engineer, Narmada Division, Central Water Commission, Ground Floor, Block-3, Paryawas Bhawan, Arera Hills, Bhopal -462011
4	Name of work	Construction and Installation of RCC gauge Posts at various sites under Narmada Division, CWC, Bhopal (M.P.)
5	Language(s) in which items to be printed	English
6	Validity of the tender	Rates inclusive of all taxes etc. Shall be valid for a period of 06 months.
7	Issuance of the tender	Tender can be downloaded from 02.05.2019(12.00 hrs) to 10.05.2019 (10:00 hrs) from TCIL's e-Tendering portal with URL https://www.tcil-india-electronictender.com and www.cwc.gov.in in order to be able to participate in the tender it is mandatory to download official copy of tender from https://www.tcil-india-electronictender.com
8	Cost of tender	Receipt of Tender Cost of the tender i.e Rs 500.00 is to be submitted (in case of cash) in a sealed envelope before last date and time of submission of online bid. The cost of tender can be submitted by means of demand draft. Banker's Cheque drawn on any Nationalized Bank/Scheduled Bank payable to the Executive Engineer Narmada Division, Central Water Commission, Bhopal
9.	Pre-bid Meeting	NA
10	Details of the contracts for clarifications and queries	Executive Engineer, Narmada Division, Central Water Commission, Ground Floor, Block-3, Paryawas Bhawan, Arera Hills, Bhopal - 462011
11	Last date & Time for submission of Bids online	10.05.2019 up to 11:00 hrs

12	Earnest Money Deposit	Rupee 32,000/-(Rupees thirty two thousand Only) by means of Demand draft.Banker's Cheque drawn on any Nationalized Bank/Scheduled Bank payable to the Executive Engineer, Central Water Commission, Bhopal to be submitted in a sealed envolpe before last date and time of submission of online bid.
13	Date, time and place of public Online tender opening Event (Technical Envolpe)	Online Public Opening of Technical Bids shall commence at 12:00 hrs on 10.05.2019. Interested bidder or their representative not more than 1 may be present at O/o Executive Engineer, Narmada Division, Central Water Commission,Ground Floor, Block-3, Paryawas Bhawan, Arera Hills, Bhopal -462011
14	Date, time and place of public Online tender opening Event (Finacial Envolpe)	Online Public Opening: Financial Bid shall be commence immediately, after the opening of Technical bid on 10.05.2019
15	Perfomance guarantee	The successful bidders will have to deposit an amount equal to 5% of time tendered and accepted value of the work(without limit) as performance guarantee within 7 days from the date of receipt the said performance guarantee within the period, including the etended period if any, the Earest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor .The earest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee.

BLANK



Special instructions to Bidders by TCIL for e –Tendering: The special Instructions (for e-Tendering) supplement 'Instructions to Bidders' as given in these Tender Documents. Submission of Online Bids is mandatory for this Tender.

E-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. Now, the Government of India has made e-tendering mandatory. Suppliers/ Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic tendering, Central Water Commission has decided to use the portal <https://www.tcil-india-electronictender.com> through TCIL, a Government of India Undertaking. This portal is based on the world's most 'secure' and 'user friendly' software from Electronic Tender®. A portal built using Electronic Tender's Software is also referred to as Electronic Tender System® (ETS). Benefits to tenderers are outlined on the Home-page of the portal

Instructions

Tender Bidding Methodology:

Single Stage Envelope

'Broad Outline of Activities from Bidder's Perspective:

- Procure a Digital Signing Certificate (DSC)
- Register on Electronic Tendering System® (ETS)
- Create Marketing Authorities (MAs), Users and assign roles on ETS
- View Notice Inviting Tender (NIT) on ETS
- For this tender -- Assign Tender Search Code (TSC) to a MA

Download Official Copy of Tender Documents from ETS
 Clarification to Tender Documents on ETS
 Query to Central Water Commission (Optional)
 View response to queries posted by Central Water Commission
 Bid-Submission on ETS
 Attend Public Online Tender Opening Event (TOE) on ETS
 – Opening of relevant Bid-Part
 Post-TOE Clarification on ETS (Optional)
 – Respond to Central Water Commission Post-TOE queries
 Attend Public Online Tender Opening Event (TOE) on ETS
 Opening of relevant part (i.e. Financial-Part)
 (Only for Technical Responsive Bidders)
 Participate in e-Reverse Auction on ETS
 For participating in this tender online, the following instructions are to be read carefully.
 These instructions are supplemented with more detailed guidelines on the relevant screens of the ETS.

Registration:

To use the Electronic Tender® portal <https://www.tcil-india-electronictender.com>, vendors need to register on the portal. Registration of each organization is to be done by one of its senior persons who will be the main person coordinating for the e- tendering activities. In ETS terminology, this person will be referred to as the Super User (SU) of that organization. For further details, please visit the website/portal, and click on the 'Supplier Organization' link under 'Registration' (on the Home Page), and follow further instructions as given on the site. Pay Annual Registration Fee as applicable.

After successful submission of Registration details and Annual Registration Fee, please contact TCIL/ETS Helpdesk (as given below), to get your registration accepted/activated

Important Note: To minimize teething problems during the use of ETS (including the Registration process), it is recommended that the user should peruse the instructions given under 'ETS User-Guidance Center' located on ETS Home Page, including instructions for timely registration on ETS. The instructions relating to 'Essential Computer Security Settings for Use of ETS' and 'Important Functionality Checks' should be especially taken into cognizance

Please note that even after acceptance of your registration by the Service Provider, to respond to a tender you will also require time to complete activities related to your organization, such as creation of users, assigning roles to them, etc.

TCIL/ ETS Helpdesk

Telephone/ Mobile Customer Support (0930 hrs to 1800 hrs, Monday to Friday except on gazetted holidays):
+91-11-26202699 (Multiple lines)

Emergency Support Mobile Numbers: +91-9868393775, 9868393717, 9868393792

E-mail ID ets_support@tcil-india.com

Some Bidding related Information for this Tender (Sealed Bid)

The entire bid-submission would be online on ETS (unless specified for Offline Submissions). Broad outline of submissions are as follows:

Submission of Bid-Parts/ Envelopes

Single-Part

Submission of information pertaining Bid Security/ Earnest Money Deposit (EMD)

Submission of digitally signed copy of Tender Documents/ Addendum

Submission of General Terms and Conditions (with/ without deviations)

Submission of Special Terms and Conditions (with/ without deviations).

Digital Certificates

For integrity of data and authenticity/non-repudiation of electronic records, and to be compliant with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC). Also referred to as Digital Signature Certificate (DSC), of Class 2 or above, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer <http://www.cca.gov.in>].

Special Note on Security and Transparency of Bids

Security related functionality has been rigorously implemented in ETS in a multidimensional manner. Starting with 'Acceptance of Registration by the Service Provider', provision for security has been made at various stages in Electronic Tender's software. Specifically for Bid Submission, some security related aspects are outlined below:

As part of the Electronic Encrypter™ functionality, the contents of both the 'ElectronicForms' and the 'Main-Bid' are securely encrypted using a Pass-Phrase created by the Bidder himself. Unlike a 'password', a Pass-Phrase can be a multi-word sentence with spaces between words (e.g. I love this World). A Pass-Phrase is easier to remember, and more difficult to break. It is recommended that a separate Pass-

Phrase be created for each Bid-Part. This method of bid-encryption does not have the security and data-integrity related vulnerabilities which are inherent in e-tendering systems which use Public-Key of the specified officer of a Buyer organization for bid-encryption. Bid-encryption in ETS is such that the Bids cannot be decrypted before the Public Online Tender Opening Event (TOE), even if there is connivance between the concerned tender-opening officers of the Buyer organization and the personnel of e-tendering service provider.

Typically, 'Pass-Phrase' of the Bid-Part to be opened during a particular Public Online Tender Opening Event (TOE) is furnished online by each bidder during the TOE itself, when demanded by the concerned Tender Opening Officer.

(Optional Text in EBI, depending upon the decision of the Buyer organization):

Additionally, the bidder shall make sure that the Pass-Phrase to decrypt the relevant Bid-Part is submitted to Buyer Organization Name in a sealed envelope before the start date and time of the Tender Opening Event (TOE).

OR

Additionally, the bidder shall make sure that the Pass-Phrase to decrypt the relevant Bid-Part is submitted into the 'Time Locked Electronic Key Box (EKB)' after the corresponding deadline of Bid

Submission, and before the commencement of the Online TOE. The process of submission of this Pass-Phrase in the 'Time Locked Electronic Key Box' is done in a secure manner by first encrypting this Pass-Phrase with the designated keys provided by the Buyer organization.

There is an additional protection with SSL Encryption during transit from the client-end computer of a Supplier organization to the e-tendering server/ portal.

Public Online Tender Opening Event (TOE)

ETS offers a unique facility for 'Public Online Tender Opening Event (TOE)'. Tender Opening Officers, as well as, authorized representatives of bidders can simultaneously attend the Public Online Tender Opening Event (TOE) from the comfort of their offices. Alternatively, one/ two duly authorized representative(s) of bidders (i.e. Supplier organization) are requested to carry a Laptop with Wireless Internet Connectivity, if they wish to come to Buyer Organization Name office for the Public Online TOE.

Every legal requirement for a transparent and secure 'Public Online Tender Opening Event (TOE)', including digital counter-signing of each opened bid by the authorized TOE Event

(TOE)', including digital counter-signing of each opened bid by the authorized TOE officer(s) in the simultaneous online presence of the participating bidders' representatives, has been implemented on ETS.

CAUTION: All bidders must fill Electronic Forms™ for each bid-part sincerely and carefully, and avoid any discrepancy between information given in the Electronic Forms™ and the corresponding Main-Bid. For transparency, the information submitted by a bidder in the Electronic Forms™ is made available to other bidders during the Online Public TOE. If it is found during the Online Public TOE that a bidder has not filled in the complete information in the Electronic Forms™, the TOE officer may make available for downloading the corresponding Main-Bid of that bidder at the risk of the bidder. If variation is noted between the information contained in the Electronic Forms™ and the 'Main-Bid', the contents of the Electronic Forms™ shall prevail. Alternatively, the Buyer organization reserves the right to consider the higher of the two pieces of information (e.g. the higher price) for the purpose of short-listing, and the lower of the two pieces of information (e.g. the lower price) for the purpose of payment in case that bidder is an awardee in that tender.

SIX CRITICAL DO'S AND DON'TS FOR BIDDERS:

Specifically for Supplier organizations, the following 'SIX KEY INSTRUCTIONS for BIDDERS' must be assiduously adhered to:

1. Obtain individual Digital Signing Certificate (DSC or DC) well in advance of your first tender submission deadline on ETS
2. Register your organization on ETS well in advance of the important deadlines for your first tender on ETS viz 'Date and Time of Closure of Procurement of Tender Documents' and 'Last Date and Time of Receipt of Bids'. Please note that even after acceptance of your registration by the Service Provider, to respond to a tender you will also require time to complete activities related to your organization, such as creation of users, assigning roles to them, etc.
3. Get your organization's concerned executives trained on ETS well in advance of your first tender submission deadline on ETS
4. Submit your bids well in advance of tender submission deadline on ETS (There could be last minute problems due to internet timeout, breakdown, et al)
5. It is the responsibility of each bidder to remember and securely store the PassPhrase for each Bid-Part submitted by that bidder. In the event of a bidder forgetting the Pass Phrase before the expiry of deadline for Bid-Submission, facility is provided to the bidder to 'Annul Previous Submission' from the Bid-Submission Overview page and start afresh with new Pass-Phrase(s)
6. ETS will make your bid available for opening during the Online Public Tender Opening Event (TOE) 'ONLY IF' your 'Status pertaining Overall Bid-Submission' is 'Complete'.

As soon as a Bid is decrypted with the corresponding 'Pass-Phrase' as submitted online by the bidder himself (during the TOE itself), salient points of the Bids (as identified by the Buyer organization) are simultaneously made available for downloading by all participating bidders. The tedium of taking notes during a manual 'Tender Opening Event' is therefore replaced with this superior and convenient form of 'Public Online Tender Opening Event (TOE)'.

ETS has a unique facility of 'Online Comparison Chart' which is dynamically updated as each online bid is opened. The format of the chart is based on inputs provided by the Buyer for each Bid-Part of a tender. The information in the Comparison Chart is based on the data submitted by the Bidders. A detailed Technical and/ or Financial Comparison Chart enhances Transparency. Detailed instructions are given on relevant screens.

ETS has a unique facility of a detailed report titled 'Minutes of Online Tender Opening Event (TOE)' covering all important activities of 'Online Tender Opening Event (TOE)'. This is available to all participating bidders for 'Viewing/ Downloading'.

There are many more facilities and features on ETS. For a particular tender, the screens viewed by a Supplier will depend upon the options selected by the concerned Buyer.

Other Instructions

For further instructions, the vendor should visit the home-page of the portal <https://www.tcil-india-electronictender.com>, and go to the User-Guidance Center

The help information provided through 'ETS User-Guidance Center' is available in three categories – Users intending to Register / First-Time Users, Logged-in users of Buyer organizations, and Logged-in users of Supplier organizations. Various links (including links for User Manuals) are provided under each of the three categories.

Important Note: It is strongly recommended that all authorized users of Supplier organizations should thoroughly peruse the information provided under the relevant links, and take appropriate action. This will prevent hiccups, and minimize teething problems during the use of ETS.

NOTE:

While the first three instructions mentioned above are especially relevant to first-time users of ETS, the fourth, fifth and sixth instructions are relevant at all times.

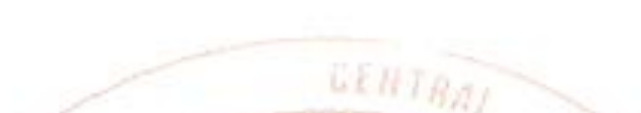
Minimum Requirements at Bidder's End

Computer System with good configuration (Min PIV, 1 GB RAM, Windows XP with Service Pack 3)

Broadband connectivity

Microsoft Internet Explorer 6.0 or above

Digital Certificate(s)

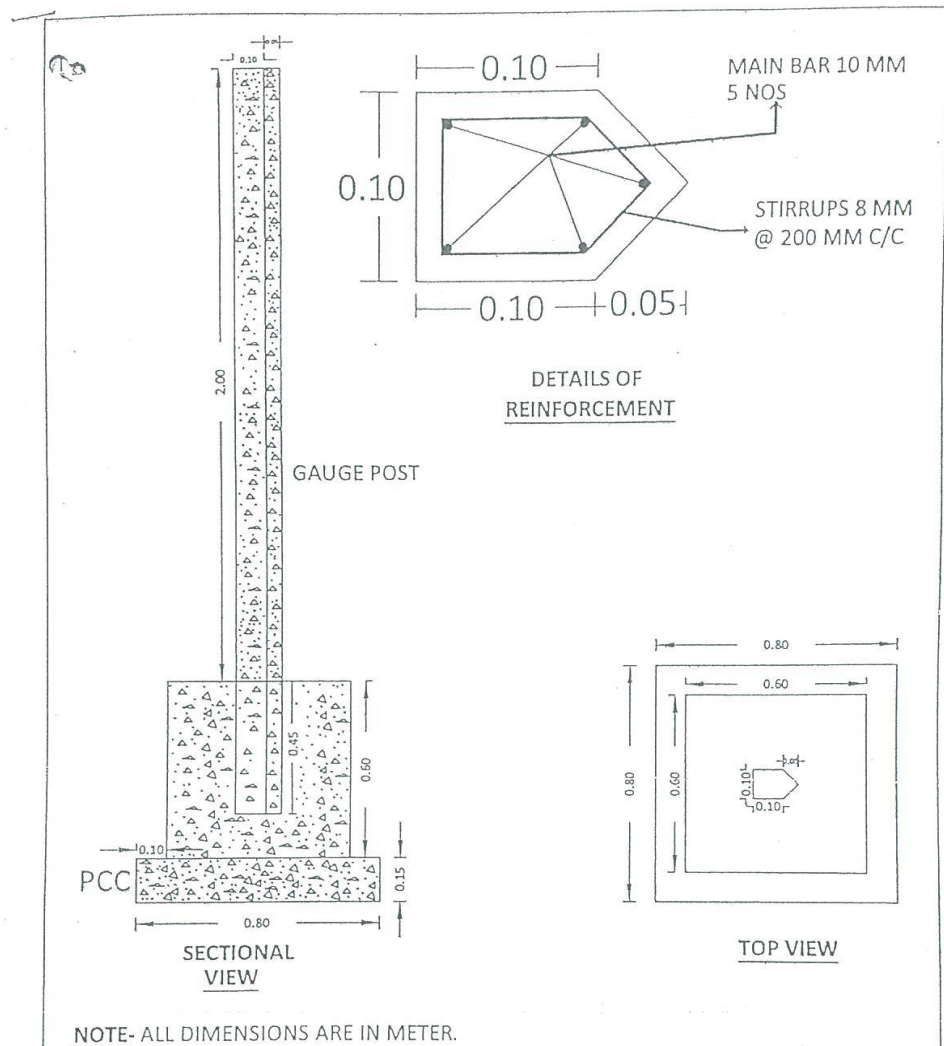


SCHEDULE "I"
CENTRAL WATER COMMISSION
Narmada Division
Details of work and Rates to be quoted

Sr. No.	Description	Total Quatntity	Unit	Rate		Amount	
				Rs.	Paise	Rs.	Paise
1	Fabrication and installation of gauge posts at river banks including cost of civil works in foundation embedded in 1:2:4 reinforced cement concrete pedestal block of size 60cm x 60 cm x 60 cm including the cost of steel reinforcement, centering shuttering, finishing, reinforcement over the 1:4:8 (1 cement: 4 coarse sand: 8 graded stone aggregate 40 mm noiminal size) cement concrete base of size 80 cm x 80 cm x 15 cm with 12 mm thick plastering complete and marking the gauge with synthetic enamel with standard metric gradation of 56 mm & red synthetic enamel of 5 mm width at every 100 mm etc. complete.\ Reinforced cement concrete gauge post of size 15 cm x 10 cm (one side tapered in 5 cm length) made with 1:2:4 concrete mix(1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)- 1.80 m long	398	Nos				
Total Amount in Rs.							
(In Words.....)							

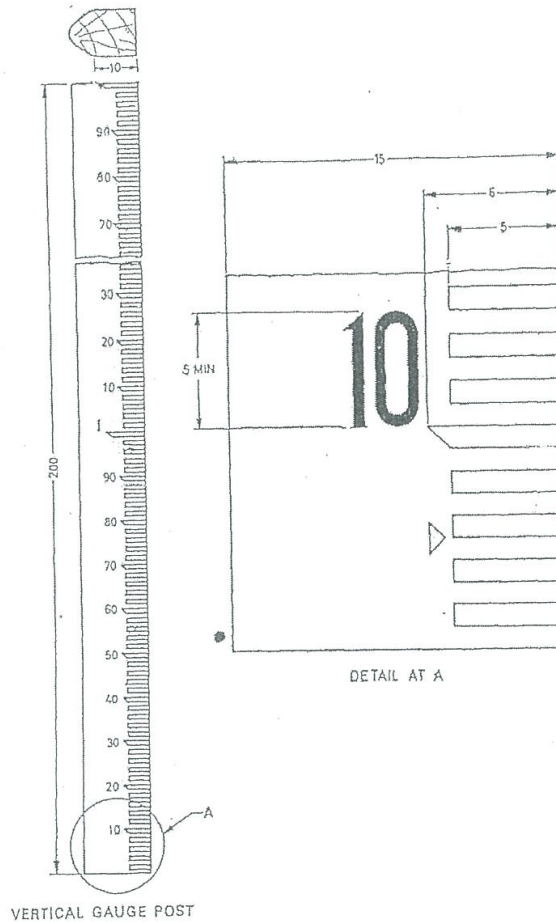
(हस्ताक्षर)

निविदादाता

Drawing of RCC Gauge Post:

GOVERNMENT OF INDIA CENTRAL WATER COMMISSION NARMADA DIVISION, BHOPAL			
Drawing For Construction, Fixing And Marking of Gauge Post At New Sites			
	Name	Designation	Signature
Drawn By	Bharat Kumar Chaurasia	J.E.	<i>[Signature]</i> 28/9/18
Checked By	Pramod Kumar Jhabak	A.E.	<i>[Signature]</i> 28/9/18
Approved By	S.K. Malviya	E.E.	<i>[Signature]</i> 28/9/18

IS 4080 : 1994



All dimensions in centimetres.

FIG. 1 TYPICAL DETAILS OF VERTICAL STAFF GAUGE

GOVERNMENT OF INDIA CENTRAL WATER COMMISSION NARMADA DIVISION, BHOPAL			
Drawing For Construction, Fixing And Marking of Gauge Post At New Sites			
	Name	Designation	Signature
Drawn By	Bharat Kumar Chaurasia	J.E.	<i>[Signature]</i> 28/9/18
Checked By	Pramod Kumar Jhabak	A.E.	<i>[Signature]</i> 28/9/18
Approved By	S.K. Malviya	E.E.	<i>[Signature]</i> 28/9/18

List of Sites

S.N.	Name of Site	Quantity of Gauge Post (1.80 Meter Long)
Upper Narmada Sub Division, CWC, Jabalpur		
1.	Mohgaon	15
2.	Dindori	15
3.	Patan	15
4.	Mukki	12
5.	Manot	15
Middle Narmada Sub Division-I, CWC, Hoshangabad		
1.	Hoshangabad	19
2.	Sandia	13
3.	Gadarwara	12
4.	Barmanghat	15
5.	Belkheri	12
Middle Narmada Sub Division-II, CWC, Bhopal		
1.	Handia	20
2.	Chhidgaon	10
Middle Narmada Sub Division-III, CWC, Indore		
1.	Kogaon	15
2.	Mortakka	05
	New Sites	
1.	Dahiwar	20
2.	Gopalpura	25
3.	Thikri	25
4.	Khajuri	25
5.	Gogava(Satwadi)	30
6.	Khandwa	25
7.	Barwah	25
8.	Mehdikheda	30
Total Qty.		398

**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDER**

Item rate tenders are invited on behalf of President of India from eligible contractors of CPWD and those of appropriate list of M.E.S., B.S.N.L. Railways: for the **Construction and Installation of RCC gauge Posts at various sites under Narmada Division, CWC, Bhopal (M.P.)**

The enlistment of the contractors should be valid on the last date of submission of Tender. In case only the last date of submission of bid is extended, the enlistment of contractor should be valid on the original date of submission of bids.

- 1.1 The work is estimated to cost ₹ 15,96,800/- This estimate, however, is given merely as a rough guide.
2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 8 (or other Standard Form as mentioned) which is available as a Govt. of India Publication. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be Three Months (90 days) from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. The site for the work is available.
5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with by the contractor whose tender may be accepted and other necessary documents can be seen in the office of the Executive Engineer, Narmada Division -on website www.bidwizard.com/CPWD or www.cpwd.gov.in free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
9. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt / Fixed Deposit receipts of a scheduled bank / demand draft of a scheduled bank (drawn in favour of Executive Engineer, Narmada Division, CWC, Bhopal) shall be scanned and uploaded to the e-tendering website within the period of bid submission.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs. 20 lakh, whichever is less, will have to be deposited in shape prescribed above, and balance in shape of Bank Guarantee of any scheduled Bank which is to be scanned and uploaded by the intending bidders.

Thy physical EMD of the scanned copy of EMD uploaded shall be deposited by the all Tenderer/Bidders upto to 11:00 Hrs. on 10.05.2019 in the office of Executive Engineer, who wish to participate in the tender and same shall be verified from the issuing bank.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. **However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only.**

Online bid documents submitted by intending bidders shall be opened only of those bidders, **who has deposited e-tender processing Fee with TCIL Limited and Earnest Money Deposit and other documents scanned and uploaded are found in order.**

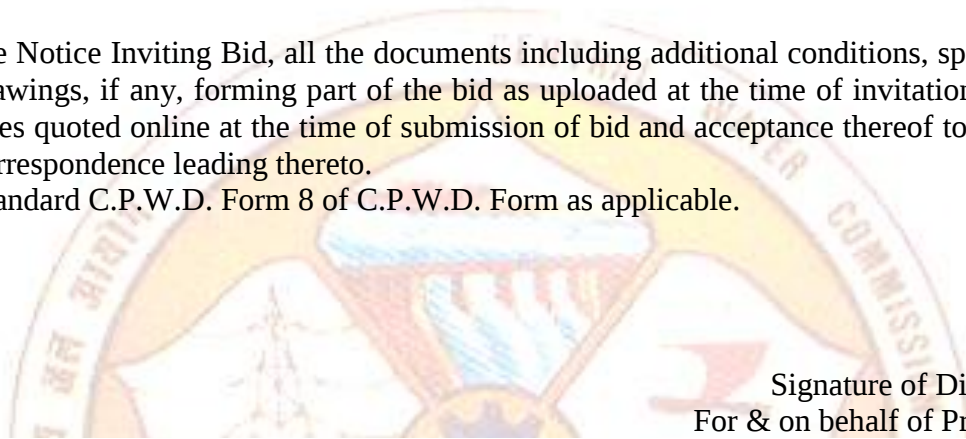
The bid submitted shall be opened at / after 11:00 hrs on 10.05.2019.

10. The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:
 - (i) The bidder is found ineligible.
 - (ii) The bidder does not upload all the documents (including Goods & service tax registration) as stipulated in the bid document including the undertaking about deposition of physical EMD of the scanned copy of EMD uploaded.
 - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as stipulated of bid and hard copies as submitted **physically by the lowest tenderer** in the office of tender opening authority. Hence tender shall be rejected.
11. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than **Rs.15,000/-**) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any Scheduled.

Bank of any scheduled bank (in case guarantee amount is less than Rs.1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

12. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders 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 of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

18. The bid for the works shall remain open for acceptance for a period of ninety (90) days from the date of opening of bids/Ninety days from the date of opening of financial bid in case bids are invited on 2/3 bid system (strike out as the case may be) if any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
19. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
- The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - Standard C.P.W.D. Form 8 of C.P.W.D. Form as applicable.



Signature of Divisional Officer
For & on behalf of President of India



FORM OF EARNEST MONEY (BANK GUARANTEE)

WHEREAS, contractor..... (Name of contractor) (hereinafter called “the contractor”) has submitted his tender dated (date) for the construction of (name of work) (hereinafter called “the Tender”)

KNOW ALL PEOPLE by these presents that we (name of bank) having our registered office at (hereinafter called “the Bank”) are bound unto (Name and division of Executive Engineer) (hereinafter called “the Engineer-in-Charge”) in the sum of Rs. (Rs. In words) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common seal of the said Bank this day of 20... .

THE CONDITIONS of this obligation are:

- (1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;
- (2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required; OR
 - (b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor, OR
 - (c) fails or refuses to start the work, in accordance with the provisions of the contract and Instructions to contractor, OR
 - (a) fails or refuses to submit fresh Bank Guarantee of an equal amount of this Bank Guarantee, against Security Deposit after award of contract.

We undertake to pay to the Engineer-in-Charge up to the above amount upon receipt of his first written demand, without the Engineer-in-Charge having to substantiate his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date*after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE

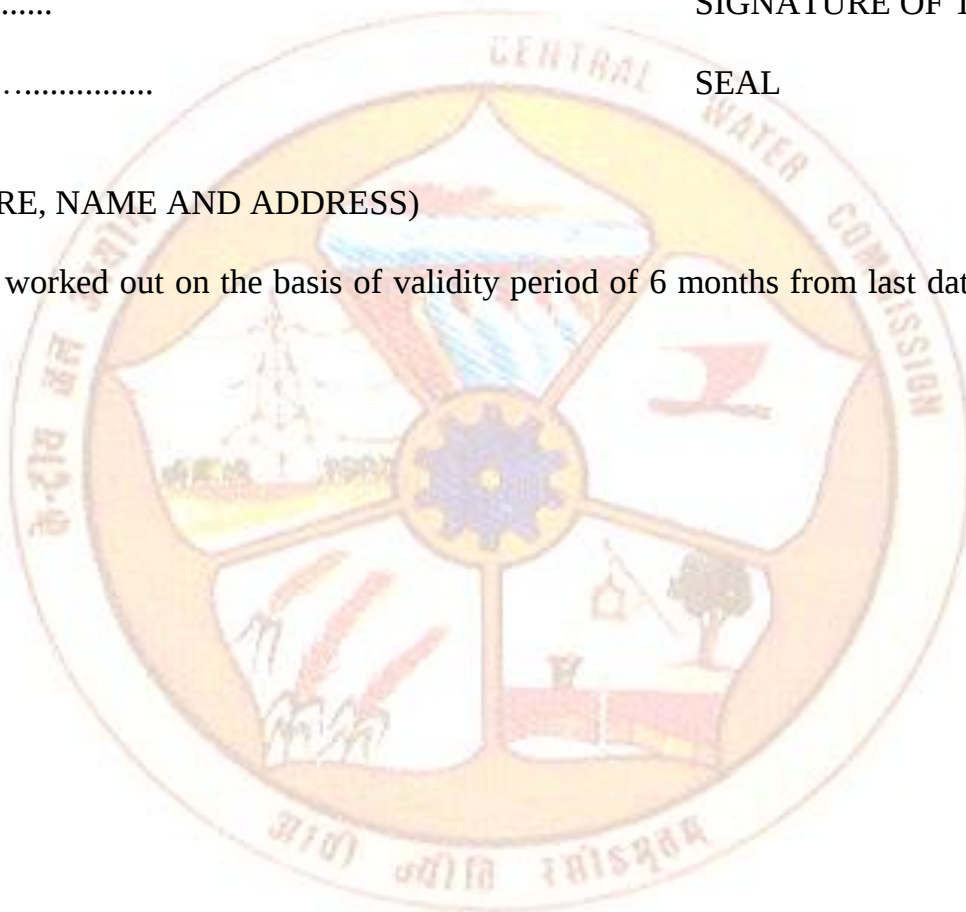
SIGNATURE OF THE BANK

WITNESS

SEAL

(SIGNATURE, NAME AND ADDRESS)

*Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender.



TENDER

I/We have read and examined the notice inviting tender, schedule, A,B,C,D,E & F, specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clause of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for Ninety (90) days from the due date of its opening/ninety days from the date of opening of financial bid in case tenders are invited on 2 envelop system (Strike out as the case may be) and not to make any modification in its terms and condition.

A sum of ₹ 32,000/- as a physical EMD of the scanned copy of EMD uploaded shall be **deposited upto 11.00 hrs. on 10.05.2019**. If I/We fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that president of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, upto maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I/we agree that in case of forfeiture of earnest money or both earnest money and performance guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in CPWD in future forever. Also if such a violaton comes to the notice of Department before date of start of work, the Engineer-in-charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/we shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived therefrom to any person other than a person to whom I/We am/are authorised to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated #.....

Signature of Contractor#

Postal Address#

Witness: #

Address: #

Occupation: #

To be filled in by the contractor/witness as applicable

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of Rs. _____

(Rupees _____)

The letters referred to below shall form part of this contract Agreement:-

a)

b)

c)

For & on behalf of the President of India.

Signature

Designation

Dated



PROFORMA OF SCHEDULES

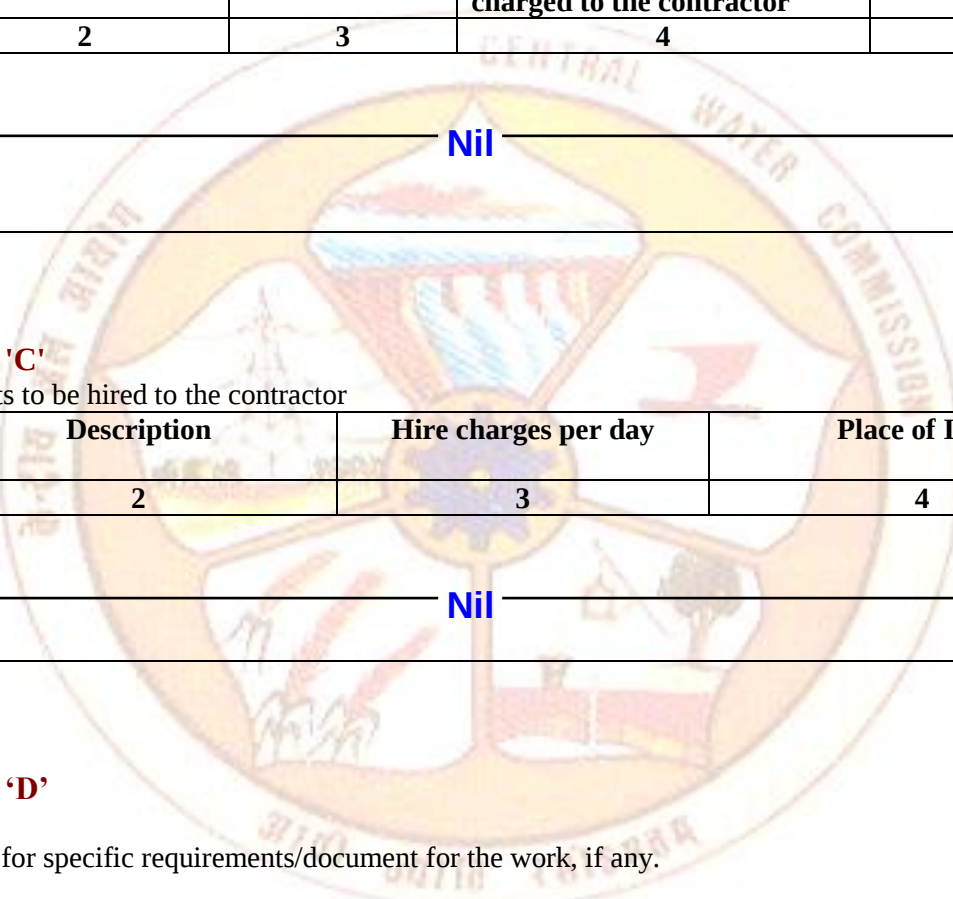
(Operative Schedules to be supplied separately to each e-tendering tenderer)

SCHEDULE 'A'

Schedule of quantities (Enclosed)

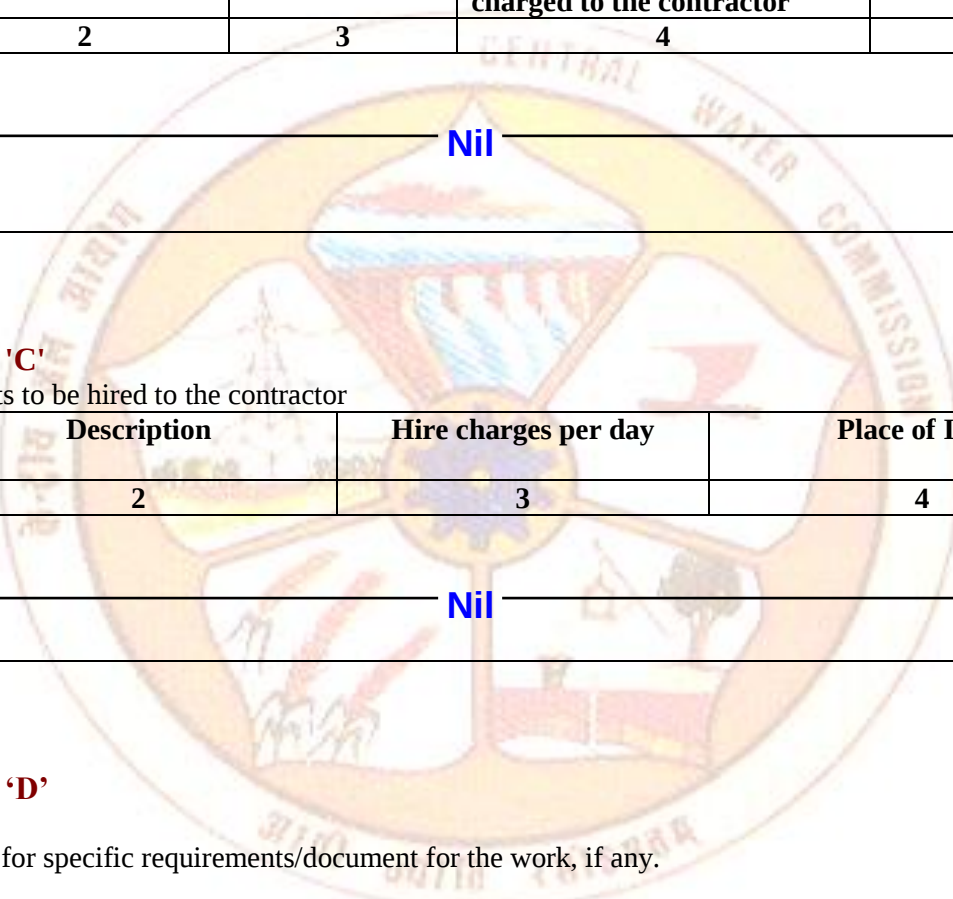
Page No. 16**SCHEDULE 'B'**

Schedule of materials to be issued to the contractor.

S.No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
1	2	3	4	5
 ← Nil →				

SCHEDULE 'C'

Tools and plants to be hired to the contractor

S.No.	Description	Hire charges per day	Place of Issue
1	2	3	4
 ← Nil →			

SCHEDULE 'D'

Extra schedule for specific requirements/document for the work, if any.

-----**Nil**-----

SCHEDULE 'E'

Reference to General Conditions of contract:

Name of Work : : “Construction and Installation of RCC gauge Posts at various sites under Narmada Division, CWC, Bhopal (M.P.)

Estimated cost of work :	:	₹ 15,96,800/-
(i) Earnest Money	:	₹ 32,000/-
(ii) Performance Guarantee	:	5% of tendered value
(iii) Security Deposit	:	2.5 % of tendered value

SCHEDULE 'F'**GENERAL RULES & DIRECTIONS :**

Officer inviting tender : **EE, Narmada Division, CWC, Bhopal (M.P.)**

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3

: **See below**

Definitions:

2(v) Engineer-in-Charge : Concerned SDE of Sub Division
2(viii) Accepting Authority : **SE, NBO, CWC, Bhopal (M.P.)**

2(x) Percentage on cost of materials and Labour to cover all overheads and profits

: **15%**

2(xi) Standard Schedule of Rates

: **CWC SOR 2012**

2(xii) Department

: **CWC Bhopal.**

9(ii) Standard CPWD Contract Form

: General Conditions of Contract for Central PWD Works (Print Edition 2014) as modified & corrected upto DG(W)/CPWD/CON/288

(i) Time allowed for submission of Performance Guarantee,

: **10 days**

(II) Maximum allowable extension beyond the period as provided in (i) above :

: **07 days**

Clause 2

Authority for fixing compensation under clause 2

: **Superintending Engineer, CWC, NBO, Bhopal.**

Clause 2A

Whether Clause 2A shall be applicable : **No**

Clause 5

Number of days from the date of issue of letter
of acceptance for reckoning date of start : **15 days**

Mile stone(s) as per table given below:-

S.No.	Description of Milestone (Physical)	Time allowed in days (from date of start)	Amount to be with-held in case of non achievement of mile stone
1.		NA	
2.			
3.			
4.			

Time allowed for execution of work :- **90 days**

Authority to decide:

- (i) Extension of time **EE/NDB, CWC, Bhopal** (Engineer in Charge or Engineer in Charge of Major Component in case of Composite Contracts, as the case may be)

Clause 6, 6A **NA**

Clause applicable - (6 or 6A) :-

Clause 7 **NA**

Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment :-

Clause 10A **NA**

List of testing equipment to be provided by the contractor at site lab.

1..... 2..... 3.....
4..... 5..... 6.....

Clause 10B(ii)

Whether Clause 10 B (ii) shall be applicable :- **No**

Clause 10C

Component of labour expressed as percent
of value of work :- **NA**

Clause 10CA

S.N.	Material covered under this clause	Nearest Materials (other than cement, reinforcement bars and the structural steel) for which All India Wholesale Price Index to be followed	Base Price of all Materials covered under clause 10 CA*
1.	Cement	-----NA-----	
2.	Steel Reinforcement	-----NA-----	

* Base price of all the materials covered under clause 10 CA is to be mentioned at the time of approval of NIT.

Clause 10CC

Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column.

Schedule of component of other Materials, Labour, POL etc. for price escalation.

Component of civil (except materials covered under clause 10CA) /Electrical construction Materials

expressed as percent of total value of work. - :-

Xm%

N.A.

Component of Labour -

expressed as percent of total value of work. :-

Y%

Component of P.O.L. -

expressed as percent of total value of work. :-

Z%

Clause 11

Specifications to be followed for execution of work :-

As per decision of Engineer-in-Charge

Clause 12

-----NA-----

12.2. & 12.3

Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work :-

30%

12.5 (i)

Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (except earth work)

30%

(ii)

Deviation limit for items in earth work subhead of DSR or related items

100%

Clause 16

Competent Authority for deciding reduced rates. :-

SE, NBO, CWC, Bhopal
Upto 5% of Contract value.

Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site:-

1.

2.

3.

Clause 36 (i)

Requirement of Technical Representative(s) and recovery Rate

SNo	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical / Technical representative)	Minimum experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 36(i)	
						Figures	Words
1.	Diploma Engineer	Civil Engg.	Principal Technical Representative	Nil	1	15000/-	Rupees Fifteen Thousand only

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Diploma holder with minimum 10 year relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such development subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

Clause 37 & 38 : All tendered rates shall be inclusive of all taxes and levies (except Service Tax) payable under respective statutes. In respect of service tax, same shall be paid by the contractor to the concerned department on demand and it will be reimbursed to him by the Engineer-in-Charge after satisfying that it has been actually and genuinely paid by the contractor.

Clause 42

-----NA-----

- (i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen :- on the basis of CWC Schedule of Rates 2012
- (ii) Variations permissible on theoretical quantities:
- (a) Cement
- For works with estimated cost put to tender not more than Rs. 5 lakh. : 3% plus/minus.
- For works with estimated cost put to tender more than Rs.5 lakh. 2% plus/minus.
- (b) Bitumen All Works 2.5% plus & only
nil on minus side.
- (c) Steel Reinforcement and structural steel sections for each diameter, section and category 2% plus/minus
- (d) All other materials. Nil

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

S.No.	Description of Item	Rates in figures and words at which recovery shall be made from the Contractor	
		Excess beyond permissible variation	Less use beyond permissible variation
1.	Cement	-----NA-----	
2.	Steel Reinforcement		

Cost of Tender Document Rs. 500/-
(Tender No. 03/NDB/CWC/2019-20/1129 Dated 02/05/2019)

GOVERNMENT OF INDIA CENTRAL WATER COMMISSION

NARMADA DIVISION
CWC, Bhopal

Name of Work: - Construction and Installation of RCC Gauge Posts at various sites under Narmada Division, CWC, Bhopal (M.P.)

This Tender document contains 34 pages

Date of issue :

Signature of the issuing Authority :

Date of receipt of tender fee :

Issued to :

