



## TENDER DOCUMENT for

“Construction of Musto type and small benchmarks, Fabrication and Installation of gauge posts and Fixing of target poles at newly opened different sites under Chambal Division, Jaipur”



**NIT No.: CD-J/AB-NIT/2019/1309-15, dated 29/04/2019**

**Last date for online submission of e-Tender:- 07.05.2019 up to 1100 Hrs**

**Date of opening of e-Tenders:- 07.05.2019 at 1300 Hrs**

**Certified that this tender document contains 30 Pages including this page.**

**Yamuna Basin Organisation, New Delhi**

**Chambal Division, Jaipur**

**April- 2019**

# **Central Water Commission**

## **Chambal Division**

### **Jaipur**

**E-Tender for “Construction of Musto type and small benchmarks, Fabrication and Installation of gauge posts and Fixing of target poles at newly opened different sites under Chambal Division, Jaipur”**

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## ई-निविदा आमंत्रण सूचना

भारत के राष्ट्रपति की ओर से अधिशासी अभियन्ता, चम्बल मंडल, केन्द्रीय जल आयोग, 84/93-96, अजय मार्ग, प्रताप नगर, सांगानेर, जयपुर- 302033, दूरभाष(कार्यालय) 0141-2790065 भारत में अधीकृत / पंजीकृत सेवा प्रदाता से राजस्थान व मध्य प्रदेश में चम्बल मंडल, जयपुर के अधीन निम्नलिखित कार्य के वास्ते दिनांक 07.05.2019 को 1100 बजे तक मद दर ई-निविदा आमंत्रित करते हैं जिसे दिनांक 07.05.2019 को 1300 बजे खोला जाएगा ।

कार्य का नाम	अनुमानित लागत (₹0)	अर्नेस्ट मनी डिपोजिटेड (₹0)	निविदा की कीमत (₹0)	कार्य समाप्ति की अवधि
चम्बल मंडल, जयपुर के अधीन विभिन्न स्थलों पर मसटो टाइप व साधारण बेंचमार्क का निर्माण, गेज पोस्ट का निर्माण तथा टार्गेट पोल की स्थापना	5,32,993.00 (Exclusive GST)	10,660.00	500.00	60 दिन

निविदा प्रपत्र तथा अन्य विवरण URL <https://www.tcil-india-electronictender.com>, [www.cwc.gov.in](http://www.cwc.gov.in) तथा [www.eprocure.gov.in](http://www.eprocure.gov.in) पर दिनांक 29.04.2019 (1800) बजे से दिनांक 07.05.2019 (1000) बजे तक उपलब्ध है । निविदा सिर्फ टीसीआईएल पोर्टल पर ही अपलोड की जा सकती है ।

ह0/-  
अधिशासी अभियन्ता



**SECTION-1**  
**NOTICE INVITING E-TENDER**  
**NIT No.: CD-J/AB-NIT/2019/1309-15, dated 29/04/2019**

**E- Tender for “Construction of Musto type and small benchmarks, Fabrication and Installation of gauge posts and Fixing of target poles at newly opened different sites under Chambal Division, Jaipur”**

The Executive Engineer, Chambal Division, Central Water Commission, 84/93-96, Ajay Marg, Pratap Nagar, Sanganer, Jaipur -302033 Phone (O) 0141-2790065 invites on behalf of the President of India invites bid by e- tendering from the authorized/ registered service provider for the following work on 07.05.2019 up to 1100 hours and will be opened on 07.05.2019 at 1300 hours.

Sl. N o.	Name of work	Estimated cost (Rs.)	Earnest Money Deposit (EMD) (Rs.)	Cost of Tender Form (Rs.)	Period of Contract
1	Construction of Musto type and small benchmarks, Fabrication and Installation of gauge posts and Fixing of target poles at newly opened different sites under Chambal Division, Jaipur	5,32,993.00 (Exclusive GST)	10,660.00	500.00	60 Days

E-tender will be available on URL <https://www.tcil-india-electronictender.com>, [www.cwc.gov.in](http://www.cwc.gov.in) and [www.eprocure.gov.in](http://www.eprocure.gov.in) from 29.04.2019 (1800 hrs) to 07.05.2019 up to 1000 hrs and can be uploaded on TCIL portal only.

Sd/-  
Executive Engineer

## **GENERAL INSTRUCTION TO BIDDERS**

- 1.0 Bids shall be submitted online only at TCIL website URL <https://www.tcil-india-electronictender.com>. Tenderer/Contractor are advised to follow the instructions provided in the 'Instructions to the Contractors/Tenderer for the e-submission of the bids online through TCIL portal. The tender notice is also available at [www.cwc.gov.in](http://www.cwc.gov.in) and [www.eprocure.gov.in](http://www.eprocure.gov.in)
- 2.0 Not more than one tender shall be submitted by one contractor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations 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 competitors. A breach of this condition will render the tenders of both parties liable to rejection
- 3.0 Tenderer 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. In case if the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD would be forfeited.
- 4.0 Intending tenderers are advised to visit again TCIL website URL <https://www.tcil-india-electronictender.com> and CWC website [www.cwc.gov.in](http://www.cwc.gov.in) at least 3 days prior to closing date of submission of tender for any corrigendum / amendment.
- 5.0 Applicant contractor must provide **demand draft for Rs 500/-** (Rupees Five hundred only ) in *favour of Executive Engineer, Chambal Division, Jaipur* obtained from any Nationalized/ scheduled Bank with their application/downloaded tenders as the cost of tender forms/ documents. All applicable bank charges shall be borne by the applicant and he shall not have any claim what so ever on this account on department. In case of re-tendering, the firms which have submitted the DD in earlier calls will require to submit DD along with their tender/application in subsequent calls also. Tender not accompanied with the cost of tender documents is liable to be rejected.
- 6.0 Bids will be opened as per date/time as mentioned in the Tender Key Event Sheet.

### **7.0 SUBMISSION OF DOCUMENTS**

- I. Signed and scanned copy of appropriate value of valid registration certificate, Experience Certificates of similar works executed as per the tender notice, PAN No and **Tender Acceptance Letter**.
- II. Signed and scanned copy of Affidavit/ Certificate from CA mentioning Financial Turnover of last 3 years.
- III. Signed and Scanned copy of previous three years Income-tax / latest VAT Clearance Certificate, TIN No, Certificate / Affidavit of partnership firm/ Pvt. Ltd. or public Ltd Company registered certificate, GST No.
- IV. Signed and scanned copy of Partnership deed as per the tender document.
- V. Signed and scanned copy of **undertaking of not being blacklisted by any Government department**.
- VI. Signed and scanned price schedule as per tender document.

**7.1** The bidder has to submit following documents in hard copy in a sealed envelope before last date and time of submission of online bid otherwise the bid will not be considered for opening:

- i) Earnest Money Deposit in original.
- ii) Demand Draft towards tender document cost in original.
- iii) Pass phrase in a sealed envelope.

### **ELIGIBILITY CRITERIA**

S.No.	Criteria/Condition
1.	<b>Registration:</b> Valid Registration
2.	<b>Turnover Details:</b> Average Annual Financial Turn over during last three years should be more or equivalent to Rs. 5.33 Lakh.
3.	<b>Similar works* successfully completed during last seven years ending March 2019:</b> <ol style="list-style-type: none"> <li>a) Three similar works of individual value not less than Rs. 2.13 Lakh or</li> <li>b) Two similar works each costing not less than Rs. 3.20 Lakh or</li> <li>c) One similar work costing not less than Rs. 4.26 Lakh</li> </ol>
4.	<b>Performance Report:</b> A performance report from the Government Department/ Public undertaking duly signed by the competent authority of having successfully completed similar work mentioned at S.No. 3 above and/or satisfactory performances in works being handled.
5.	<b>PAN/GSTIN:</b> The attested copy pf PAN/GSTIN shall be submitted with application

\*Similar work means experience in civil works etc.

- 1- **Verification of Details:** Executive Engineer, Chambal Division, CWC, Jaipur reserves the right to verify the particulars furnished by the Tenderer independently. If any information furnished by the Tenderer is found to be incorrect at a later stage, his / her Earnest Money / performance guarantee shall be forfeited and he / she shall be debarred from tendering for the works of CWC in future.
- 2- **Agreement:** Agreement shall be drawn with the successful tenderer on prescribed Form No CPWD 7/8 (enclosed). Tenderer shall quote their rates as per terms and conditions of the said form, which shall form part of the agreement.
- 3- **Period of Contract:** The duration of the Contract shall be for 90 days.
- 4- **Availability of Work Place:** The work place where Construction of Musto type and small benchmarks, Fabrication and Installation of gauge posts and Fixing of target poles at newly opened different sites under Chambal Division, Jaipur.
- 5- **Visit to Work Place by Tenderer:** Tenderers are encouraged to inspect and examine the work places and its surroundings and satisfy / apprise themselves as to the nature of the work, 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 work place whether he/ she inspects the site or not and no extra



payment / compensation consequent upon any misunderstanding / miss-happening or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining all materials, tools & plants, access, facilities for his personnel and all other services required for executing the work at his / her own cost, unless it is specifically mentioned in the contract documents.

- 6- **Acceptance of Tender:** The Executive Engineer, Chambal Division, CWC, Jaipur does not bind himself to accept the lowest or any other tender and reserves right to accept or reject any or all of the tenders received without assigning any reason.

Executive Engineer, Chambal Division, CWC, Jaipur also reserves the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the quoted rate.

- 7- **Tenders, in which the prescribed conditions are not fulfilled or are incomplete in any respect, are liable to be rejected.**
- 8- **Canvassing whether directly or indirectly, in connection with tender is strictly prohibited and the tender submitted by a Tenderer who resorts to canvassing is liable to rejection.**
- 9- The tenderer shall not be permitted to tender for the work if any of his / her near relative is posted in office of Executive Engineer, Chambal Division, CWC, Jaipur or other CWC offices located as an Accounts Officer / Divisional Accountant or as an Officer in any capacity from the level of Junior Engineer and above. Tenderer shall also intimate the names of persons who are presently working with him / her and are near relatives to Gazetted officers in any CWC office and Ministry of Water Resources. Any breach of this condition on the part of the tenderer would render him / her liable to be disqualified for award of work.
- 10- **Signing of Contract Agreement:** The successful Tenderer/Contractor on acceptance of his tender by the accepting authority of CWC shall deposit 5% of agreement cost as performance guarantee in the form of DD/FDR/Bank guarantee issued by Nationalized Bank within 7 days from the date of issue of letter of acceptance and signed contract agreement consisting of:-
- (a) The 'Notice Inviting Tender', all the documents including 'General Conditions & Clauses of Contract', 'Special Terms & Conditions', 'Scope of Work & Specifications' and 'Drawings', if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with all correspondence leading thereto.
- (b) Standard CPWD Form-7/8: Item Rate Tenders & Contract for Works.

Executive Engineer,  
Chambal Division,  
CWC, Jaipur

**GOVERNMENT OF INDIA**  
**Central Water Commission**

STATE  
CIRCLE  
DIVISION

Central  
H.O. Circle Noida  
Chambal Division- Jaipur

**ITEM RATE TENDER AND CONTRACT FOR WORKS**

Tender for the work of **“Construction of Musto type and small benchmarks, Fabrication and Installation of gauge posts and Fixing of target poles at newly opened different sites under Chambal Division, Jaipur”**

- A. The Tenders to be **submitted by 1100 Hrs. on 07.05.2019** to Executive Engineer, Chambal Division, CWC, Jaipur in sealed envelope containing the tender form with the name of work and due date written on the envelope along with Tender Fees, Earnest Money, PAN No. and documentary evidence in support of his eligibility.
- B. The tenders will be **opened at 1300 Hrs. on 07.05.2019** in the presence of tenderers or their representatives who may wish to be present at their own cost in the office of the Executive Engineer, Chambal Division, CWC, Jaipur.

**Issued to**  
**(Contractor).....**

**Signature of officer issuing the documents .....**  
**Designation -Executive Engineer**

**Date of issue**

**TENDER**

I/We have read and examined the notice inviting tender, Specifications applicable, Drawings, General Rules and Directions, Conditions of Contract, Clauses of contract and all other contents in the tender documents for the work.

I/We hereby tender for the execution of the work specified for the Executive Engineer, Chambal Division, CWC, Jaipur within the time specified in schedule of quantities and in accordance with the specifications, drawings if any and instructions in writing referred to in general rules, special rules and terms and conditions of contract.

I/We agree to keep the tender open for 90 days from the due date of submission thereof and not to make the modifications in its rates, terms and conditions etc.

A sum of **Rs. 10,660.00 (Rupees Ten Thousand Six Hundred and Sixty Only)** is hereby forwarded in form of DD/ Banker's cheque/ Fixed Deposit receipt (FDR) of Scheduled Bank in favour of **Executive Engineer, Chambal Division, CWC, Jaipur payable at Jaipur** as Earnest Money,



if I/We, fail to commence the work specified; I/We agree that the said Executive Engineer, Chambal Division, CWC, Jaipur or his successors in office shall without prejudice to any other right or remedy, 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 up to maximum of the percentage mentioned in schedule F.

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 retendering process of the work.

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 there from to any person other than to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the Department.

**Date**

**Signature of Contractor**

**Postal Address**

**Witness**

**Address**

**Occupation**

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:

- i)
- ii)
- iii)

For & on behalf of President of India

**Signature.....**

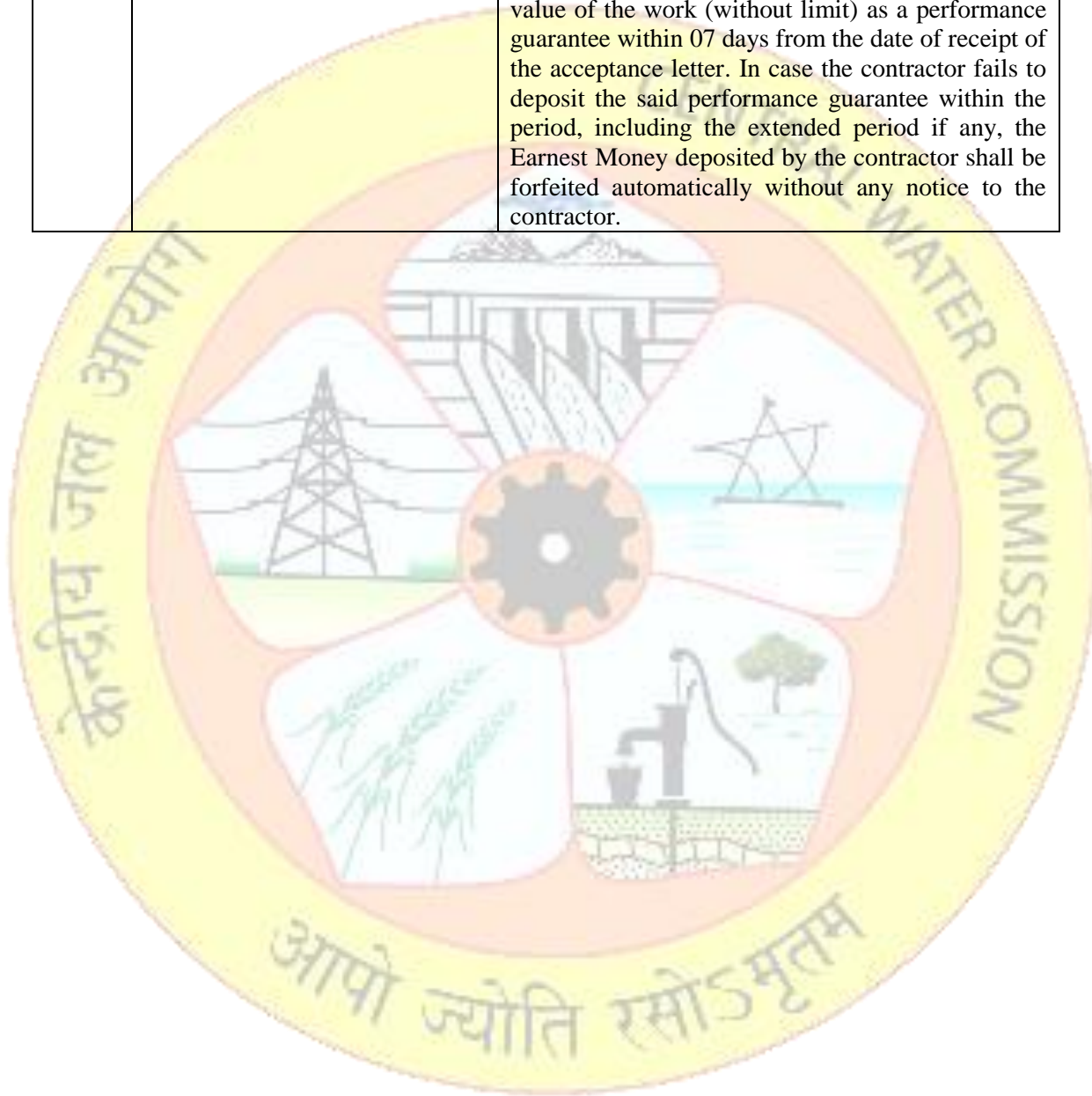
**Dated.....**

**Designation.....**

## KEY EVENTS AND DATES

1.	Tender inviting authority Designation / Address	Executive Engineer Chambal Division, Jaipur 84/93-96, Ajay Marg, Pratap Nagar, Sanganer, Jaipur -302033
2.	Mode of submission of tender	Electronic Tenders are to be submitted on TCIL's e-Tendering portal which can be accessed using URL <a href="https://www.tcilindiaelectronic tender.com">https://www.tcilindiaelectronic tender.com</a>
3.	Addressee and address at which documents are to be submitted in hard copy	Executive Engineer Chambal Division, Jaipur 84/93-96, Ajay Marg, Pratap Nagar, Sanganer, Jaipur -302033
4.	Job requirement	Construction of Musto type and small benchmarks, Fabrication and Installation of gauge posts and Fixing of target poles at newly opened different sites under Chambal Division, Jaipur
5.	Language(s) in which items to be printed	English
6.	Validity of the Tender	90 Days
7.	Issuance of the tender	Tender can be downloaded from 29.04.2019 to 07.05.2019 upto 1000 hrs from TCIL's e-Tendering portal with URL <a href="https://www.tcil-india-electronic tender.com">https://www.tcil-india-electronic tender.com</a> , <a href="http://www.cwc.gov.in">www.cwc.gov.in</a> and <a href="http://www.eprocure.gov.in">www.eprocure.gov.in</a> . <b>However, in order to be able to participate in the tender it is mandatory to download official copy of tenders from <a href="https://www.tcil-india-electronic tender.com">https://www.tcil-india-electronic tender.com</a></b>
8.	Cost of tender	Cost of the tender i.e. Rs. 500.00 is to be submitted 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, Chambal Division, payable at Jaipur
9.	Last date & Time for submission of Bids online	07/05/2019 (1100 hrs)
10.	Earnest Money Deposit amount payable	Rs. 10,660.00

11.	Date, time and place of Public Online tender Opening Event	Online Public Opening of Bid shall commence at 1300 hours on 07/05/2019, Interested bidder or their representative not more than 1 or 2 per bidder may be present at 84/93-96, Ajay Marg, Pratap Nagar, Sanganeer, Jaipur -302033
12.	Performance guarantee	The successful bidders will have to deposit an amount equal to 5% of the tendered and accepted value of the work (without limit) as a performance guarantee within 07 days from the date of receipt of the acceptance letter. In case the contractor fails to deposit the said performance guarantee within the period, including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.





**Central Water Commission  
Chambal Division  
Jaipur**

**SCOPE OF WORK, SPECIFICATIONS AND  
SPECIAL TERMS & CONDITIONS**

**1.0 SCOPE OF WORK**

- 1.1 Scope of work includes Construction of Musto type and small benchmarks, Fabrication and Installation of gauge posts and Fixing of target poles at newly opened different sites under Chambal Division, Jaipur **as per drawing attached at annexure-1,2,3,4.** (Site wise requirement attached)

**2.0 CONDITIONS OF TENDER**

- 2.1 The Agency shall work under the control of the Executive Engineer, Chambal Division, CWC, Jaipur or Assistant Executive Engineers/ Sub-Divisional Engineers, Sub Divisions namely Upper Chambal Sub Division, Indore, Middle Chambal Sub Division, Kota, Lower Chambal Sub Division, Jaipur and Banas Sub Division, Udaipur.
- 2.2 In case it is noticed by the “Authority” that the work carried out by the “Tenderer” is not up to the mark/ required standard, 2 days written notice will be given to the “Tenderer” warning the inefficient state of work and asking “Tenderer” to improve upon the standard within this period. In the event of finding that there is no improvement and the work is not being carried out as per instruction of “Authority” the contractor shall be liable for penalty as per clause.
- 2.3 “Tenderers” are advised to visit the sites to acquaint themselves with the site conditions, approaches, camping facilities before quoting their rates for the execution of the work. Non - familiarity with the site conditions will not be considered a reason either for extra claim or for not carrying out the work in strict conformity with instructions.
- 2.4 The location of sites may be changed at the time of work order without assigning any reason as per requirement of work.
- 2.5 The “Tenderer” shall execute the service and discharge their obligations to the entire satisfaction of the Engineer-in-charge and in accordance with the directions and specific instructions as may be issued from time to time by the employer or its officer in charge.

**3.0 PENALTY OF SERVICES**

- 3.1 In case of the non-performance, part-performance and under-performance of the work in accordance with the schedule of services on any day or part of the day, then the Department would be entitled to be compensated as the case may be. Before deciding quantum of compensation the department may give notice to agency. The decision of CWC as regards the quantum of compensation will be final.

#### **4.0 TERMS OF PAYMENTS**

- 4.1 No mobilization/secured advance and Part Payment will be paid.
- 4.2 Bill should be prepared and submitted by the agency in three copies to the Executive Engineer, Chambal Division, CWC, Jaipur.
- 4.3 Any taxes and/or other Governmental levies as applicable or becoming applicable later due to or under any law shall be deducted from the bill.
- 4.4 The payment will be made through ECS/RTGS only after completion of work on monthly basis for which the Agency shall be raising bills in triplicate in favour of Executive Engineer, Chambal Division, CWC, Jaipur.
- 4.5 The “Tenderer” shall provide a Bank/Performance Guarantee in the prescribed Performance of 5% of tendered amount. The Bank/Performance Guarantee submitted by the “Tenderer” shall be valid up to 6 month beyond the completion of work. In addition to this security deposit of 2.5% of tendered amount shall be deducted from the bills including adjustment of Earnest money as security deposit at the time of making the payments.
- 4.6 For the purpose of this tender document “Tenderer”, “Agency” and “Contractor” are synonymous.
- 4.7 The department shall have the right to withhold payment due to the contractor under this agreement in the event of any breach of the terms and conditions of the contract. The opinion of the Executive Engineer, Chambal Division or his authorized representative on this aspect shall be final. No interest shall be allowed on payment withheld, when released.

#### **5.0 JURISDICTION**

- 5.1 All disputes or differences between the Parties to this agreement, meaning or effect of this agreement of the respective rights and liabilities of the parties here to or their enforcement there under, shall be referred as per the provision of the Indian Arbitration Act and only the courts in Jaipur shall have jurisdiction in all matter arising out of or connected with the agreement.

#### **6.0 NOTICES**

- 6.1 Any notice given by one party to other pursuant to this Contract shall be sent to the other party in writing by registered post or fax conformed in writing to the other party’s address specified in this contract.

#### **7.0 SUBCONTRACTS**

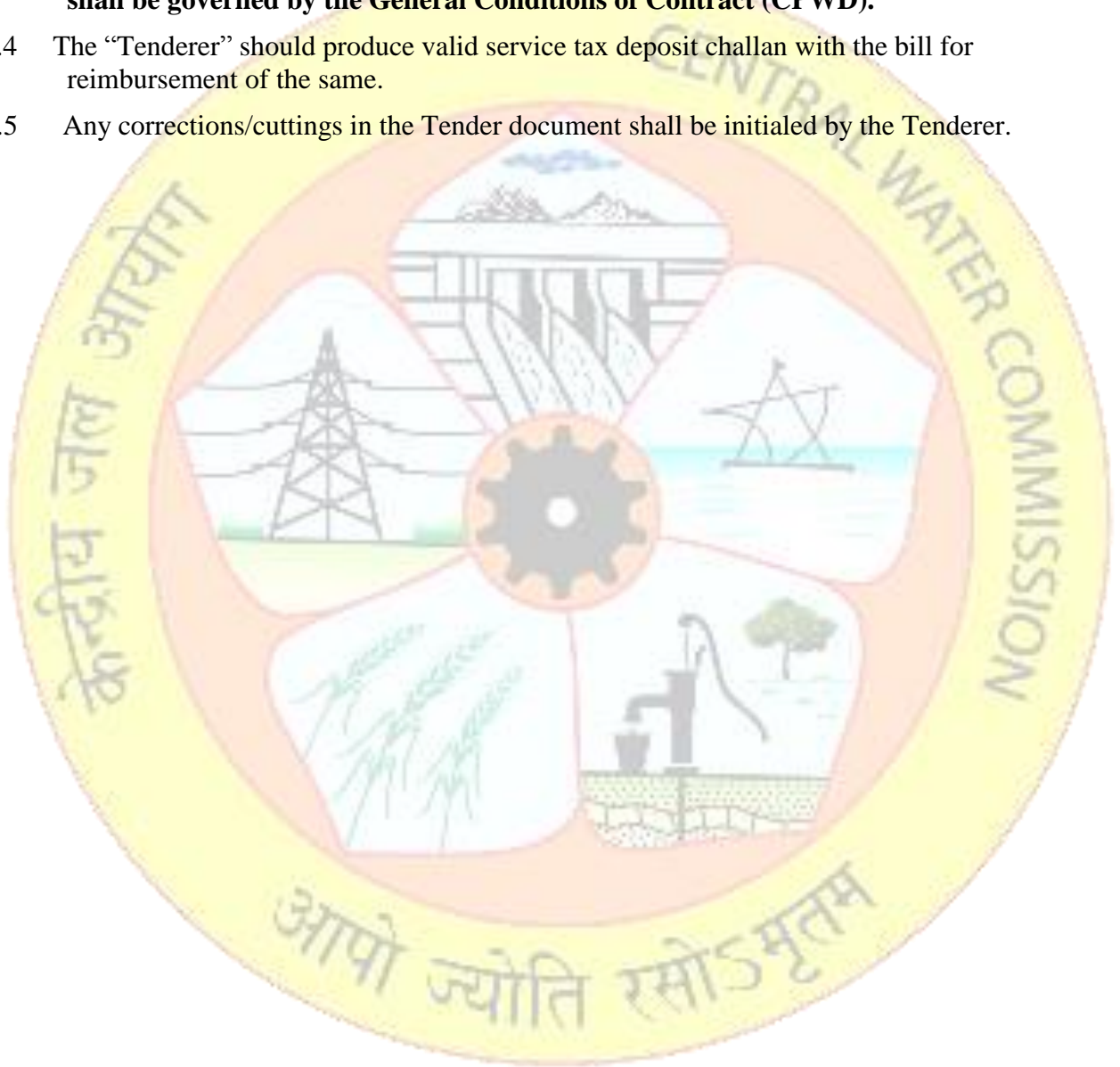
- 7.1 The “Tenderer” shall notify the Department in writing of all subcontracts awarded under this contract and this shall not relieve any liability or obligation under the contract to the Agency.
- 7.2 The “Tenderer” shall not assign, in whole or any part, its obligations to perform under this contract, to other Agency without prior written permission of the Department.

#### **8.0 AGENCY'S OBLIGATION**

- 8.1 The “Tenderer” is obliged to work closely with the department’s staff, act within its

authority and abide by directions issued by the Engineer-in-charge for implementation of works.

- 8.2 The “Tenderer” will abide by the job safety measures prevalent in India as per Government norms and will free the Department from all the demands or responsibilities arising from accidents or loss of life the cause of which is the agency’s negligence. The Agency will pay all indemnities/compensation arising from such incidents and will not hold the Department responsible or obligated.
- 8.3 **In addition to the special condition of Terms and Conditions as laid down in contract shall be governed by the General Conditions of Contract (CPWD).**
- 8.4 The “Tenderer” should produce valid service tax deposit challan with the bill for reimbursement of the same.
- 8.5 Any corrections/cuttings in the Tender document shall be initialed by the Tenderer.





## 9.0 WORK PLACE/SITES

1. Name of Work:-Construction of MTBM for New HO Sites				
Sl. No.	Site	Sub-Division	Postal address of Contact Person	No. of MTBM to be made
1	Anthara	Middle Chambal Sub Division, Kota	O/o Sub Divisional Engineer, MCSD, Post Kunhadi, Near Kota barrage, Kota	10 Nos. of Musto Type Benchmark to be made (One No at each site)
2	Barodiya			
3	Borkhandi			
4	Devaliya Khurd	Banas Subdivision, Udaipur	O/o Sub Divisional Engineer, BSD,CPWD Campus, Hiran Magri Sectoe-4, Udaipur	
5	Mandsaur			
6	Sonkatch	Upper Chambal Sub Division, Indore	O/o Sub Divisional Engineer, UCSD, IIIrd Floor, CGO Complex, A.B.Road, Indore.	
7	Ashta			
8	Bankpura			
9	Palwa			
10	Lakheri	Lower Chambal .Sub Division, Jaipur	O/o Sub Divisional Engineer, LCSD, 84/93-96, Ajay Marg, Pratap Nagar, Sanganer, Jaipur	
2. Name of Work:-Construction of small benchmark for Telemetry stations.				
Sl. No.	Site	Sub-Division	Postal address of Contact Person	No. of Small Benchmark to be made
1	Matrikundiya	Banas Subdivision, Udaipur	O/o Sub Divisional Engineer,BSD,CPWD Campus, Hiran Magri Sectoe-4, Udaipur	9 Nos. of Small Benchmark to be made (One No at each site)
2	Rolia			
3	Bawal			
4	Arnia	Middle Chambal Sub Division, Kota	O/o Sub Divisional Engineer,MCSD, Post Kunhadi, Near Kota barrage, Kota	
5	Modi			
6	Pachore			
7	Parbati	Upper Chambal Sub Division, Indore	O/o Sub Divisional Engineer, UCSD, IIIrd Floor, CGO Complex, A.B.Road, Indore	
8	Karakheri	Lower Chambal .Sub Division, Jaipur	O/o Sub Divisional Engineer, LCSD, 84/93-96, Ajay Marg, Pratap Nagar, Sanganer, Jaipur	
9	Bahadurpur			

### 3. Fabrication and Installation of gauge post for New HO sites

Sl. No.	Site	Sub-Division	Postal address of Contact Person	No. of Gauge Post to be made
1.	Ashta	Upper Chambal Sub Division, Indore	O/o Sub Divisional Engineer,,UCSD, IIIrd Floor, CGO Complex, A.B.Road, Indore	40 Nos. of Gauge Post be made (8 No at each site)
2.	Sonkatch			
3.	Bankpura			
4.	Barodiya	Middle Chambal Sub Division, Kota	O/o Sub Divisional Engineer,MCSO, Post Kunhadi, Near Kota barrage, Kota	
5.	Lakheri	Lower Chambal Sub Division, Jaipur	O/o Sub Divisional Engineer, LCSD, 84/93-96, Ajay Marg, Pratap Nagar, Sanganer, Jaipur	

### 4. Fixing of Target Poles

Sl. No.	Site	Sub-Division	Postal address of Contact Person	No. of Target Poles to be made
1	Anthara	Middle Chambal Sub Division, Kota	O/o Sub Divisional Engineer, MCSD, Post Kunhadi, Near Kota barrage, Kota	12 Nos. of Target Poles to be made (One No at each site)
2	Barodiya			
3	Borkhandi			
4	Devaliya Khurd	Banas Subdivision, Udaipur	O/o Sub Divisional Engineer, BSD,CPWD Campus, Hiran Magri Sectoe-4, Udaipur	
5	Mandsaur			
6	Jahajpur			
7	Sonkatch	Upper Chambal Sub Division, Indore	O/o Sub Divisional Engineer, UCSD, IIIrd Floor, CGO Complex, A.B.Road, Indore.	
8	Ashta			
9	Bankpura			
10	Palwa	Lower Chambal Sub Division, Jaipur	O/o Sub Divisional Engineer, LCSD, 84/93-96, Ajay Marg, Pratap Nagar, Sanganer, Jaipur	
11	Lakheri			
12	Dubbi Banas			

**Note: These locations are tentative and may change during execution of work.**

## **SCHEDULE 'F'**

### **Reference to General Conditions of Contract**

	<b>1</b>	<b>Name of work:</b>	Construction of Musto type and small benchmarks, Fabrication and Installation of gauge posts and Fixing of target poles at newly opened different sites under Chambal Division, Jaipur
	<b>2</b>	<b>Estimated cost of</b>	<b>Rs. 5,32,993.00</b>
	<b>3</b>	<b>Earnest money:</b>	<b>Rs. 10,660.00</b>
	<b>4</b>	<b>Performance Guarantee:</b>	5% of Tender value to be deposited within 7 days from the issue of Letter of Intent/Acceptance in the form as specified in Clause 7.6 of General Conditions & Clauses of Contract
	<b>5</b>	<b>Security Deposit:</b>	2.5% of Tender value to be deducted from running bills after adjustment of earnest money as specified in Clause 7.6 of General Conditions & Clauses of
	<b>6</b>	<b>Officer Inviting Tender</b>	Executive Engineer, Chambal Division, Central Water Commission, 84/93-96, Ajay Marg, Pratap Nagar, Sanganer, Jaipur -302033
	<b>7</b>	<b>General rules &amp; direction</b>	As mentioned in NIT
<b>8.</b>	<b>Definitions</b>		
	<b>2(v)</b>	<b>Engineer-in-charge</b>	Executive Engineer ,CWC, Chambal Division, Jaipur
	<b>2 (viii)</b>	<b>Accepting Authority:</b>	Superintending Engineer, H.O. Circle, CWC, Vaishali
	<b>2 (x)</b>	<b>Percentage on cost of materials and labour to cover all overheads and profits.</b>	15%
	<b>2 (xi)</b>	<b>Standard Schedule of Rates:</b>	DSR-2016, CWC SOR-2012
	<b>2</b>	<b>Department:</b>	Central Water Commission
	<b>9 (ii)</b>	<b>Standard Form.</b>	CPWD Form-7/8 as modified & corrected up to one month prior to date of submission of Tender.
<b>Clause 2</b>	<b>Authority for fixing compensation under Clause 2 of CPWD General conditions of contract.</b>		Superintending Engineer, H.O. Circle, CWC, Vaishali
<b>Time allowed for execution of work</b>			60 days
<b>Authority to give fair and reasonable extension of time for completion of work</b>			Executive Engineer, Chambal Division, CWC, Jaipur
<b>Clause 11</b>	<b>Specifications to be followed for</b>		As per Tender document
<b>Clause 12</b>	<b>Deviation Limit beyond which fresh rate for an item may be claimed by contractor.</b>		Individual item may change to any extent without any limit.



## **Special instructions to Bidders by TCIL for e-Tendering**

The Special Instructions (for e-Tendering) supplement 'Instruction 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.

### **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>].

## 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

Buyer Organization Name Contact	
Central Water Commission Contact Person	Chambal Division, Central Water Commission, Executive Engineer
Telephone/Mobile	Telephone/Mobile : 0141-2790065 [between 10:00 hrs to 17:00 hrs on working days]
E-mail Id	E-mail Id : chambalcwc@yahoo.co.in

### 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)



### **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 'Electronic Forms' 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.

**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.

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).

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.

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.tcilindia-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.

### **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 Pass Phrase 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'. For your record, you can generate and save a copy of 'Final Submission Receipt'. This receipt can be generated from 'Bid-Submission Overview Page' only if the 'Status pertaining overall Bid-Submission' is 'Complete'.

**NOTE:**

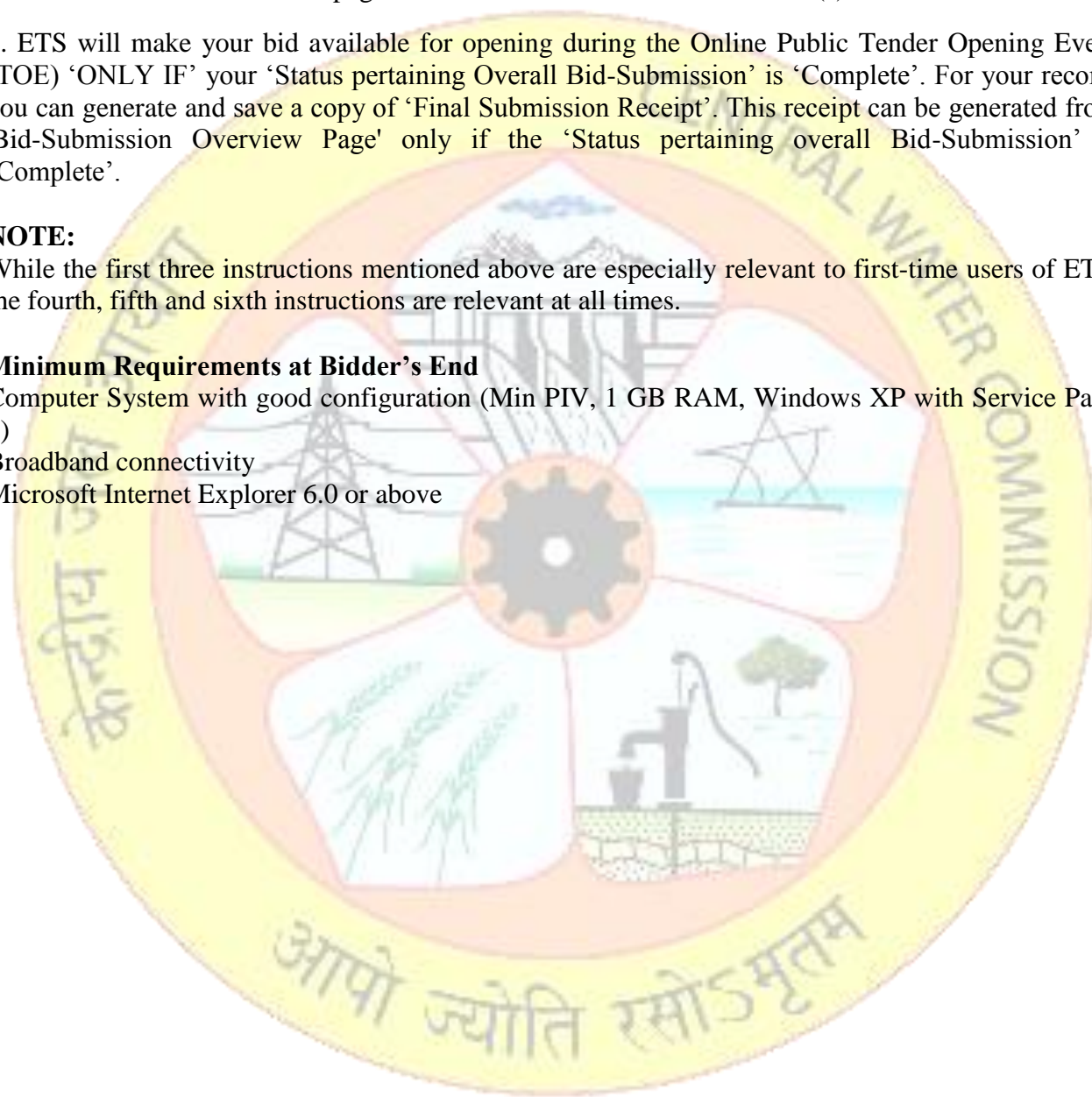
While the first three instructions mentioned above are especially relevant to first-time users of ETS, the fourth, fifth and sixth instructions are relevant at all times.

**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



**SCHEDULE OF QUANTITY**

**Name of Work:** Construction of Musto type and small benchmarks, Fabrication and Installation of gauge posts and Fixing of target poles at newly opened different sites under Chambal Division, Jaipur

S.No.	Description of items	Quantity	Unit	Rate		Total Amount	Remarks
				In Figure	In Words		
Part A(Musto Type Benchmark as per attached drawing Annexure-1)							
1.	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in widths or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of Soil	20.25	Cum				
2.	Centering and shuttering including strutting , propping etc. and removal of form work for: foundation, footings, bases for column.	54.00	sqm				
3.	Providing & laying in position cement concrete of specified grade excluding the cost of centering & shuttering. All work up to plinth level :- 1:5:10 (1 cement : 5 coarse sand (Zone-III) : 10 graded stone aggregated 40 mm nominal size.	3.38	Cum				
4.	Providing & laying in position cement concrete of specified grade excluding the cost of centering & shuttering. All work up to plinth level 1:2:4 :- (1 cement : 2 coarse sand (Zone-III) : 4 graded stone aggregated 40 mm nominal size.	16.34	Cum				



5.	Stone work ashlar sunk or molded or sunk and molded upto floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) including pointing with white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade : White sand stone.	0.77	Cum				
6.	Brick work with common burnt clay FPS (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand).	10.80	Cum				
7.	Providing and filling of stone aggregate (single size) 20 mm nominal size 15 cm over the top of white stone, inside the musto type bench mark.	3.01	Cum				
8.	Providing and filling of sand (35 cm over the filled stone rubbles) upto top of Musto type bench mark.	2.84	Cum				
9.	12 mm cement plaster finished with a floating coat of neat cement of mix 1:4 (1 cement : 4 fine sand).	86.4	Sqm				
10.	Providing and fixing G.I. inlet connection for drainage(50cm long of dia 25mm)	5	Meter				
11.	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface.	86.4	Sqm				
12.	Finishing walls with Premium Acrylic Smooth exterior paint with silicone additives of required shade : New work (two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm).	86.4	Sqm				
<b>Part B (Gauge Post as per attached drawing Annexure-2)</b>							

13.	<p><b>Fabrication and installation of gauge posts</b> at river banks including cost of civil works in foundation embedded in 1:2:4 reinforcement cement concrete pedestal block of size 60 cm x 60 cm x 60 cm including the cost of steel reinforcement over the 1:4:8 ( 1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) cement concrete base of size 80 cm x 80cm x 15 cm with 12 mm thick plastering complete and marking the gauge with synthetic enamel with standard metric gradation of 5 mm thickness in black &amp; white alternately &amp; red synthetic enamel of 5 mm of width at every 100 mm etc complete.</p> <p><b>Reinforcement cement concrete gauge post</b> 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</p>	40	Nos				
<b>Part C (Target Pole as per attached drawing Annexure-3)</b>							
14.	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	2.4	Cum				
15.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 cement:4 coarse sand(zone III):8 graded stone aggregate 40 mm nominal size)	4.2	Cum				
16.	G.I. Pipe 80 mm diameter 6.0 meter length of Approved make	144	Meter				

17.	Mounting of Target Board with U- clamp on G.I. pipe along with painting	24	Nos				
<b>Part D (Bench Mark for Telemetry sites as per attached drawing Annexure-4)</b>							
18.	Establish Bench mark of size 300 mm x 300 mm x 600 mm in RCC of grade M-15. The Bench mark shall be embedded 400 mm in ground with CC M-10 grade (50 mm wide all around). The balance 200 mm above ground shall be painted yellow and level marked on it	9	Nos				
						<b>Total Amount</b>	
						<b>Add GST@</b>	
						<b>Grand Total Amount</b>	
<b>GST as applicable shall be quoted.</b>							

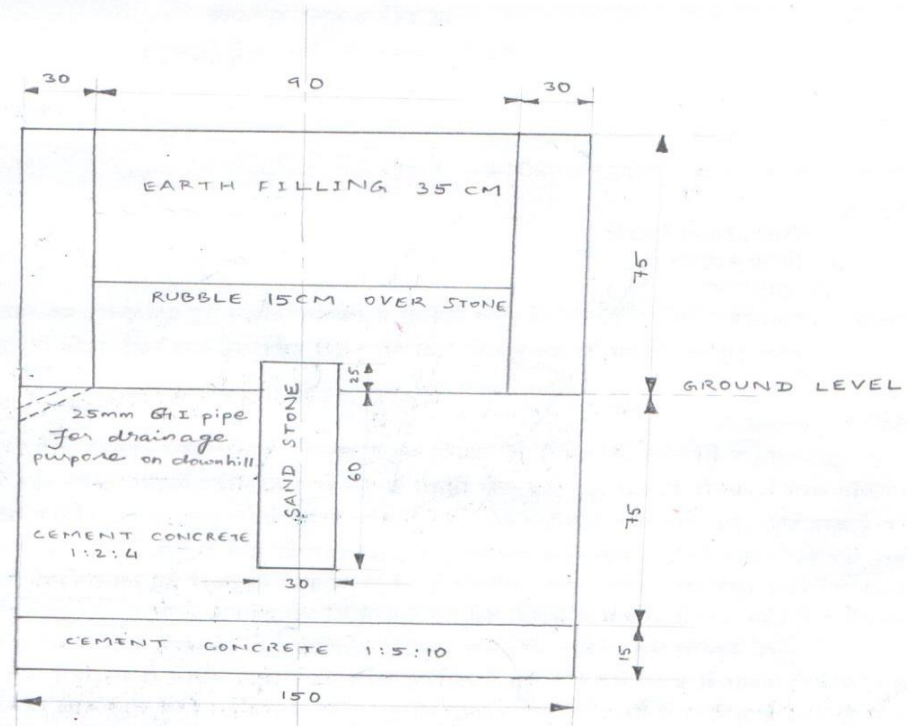
Issuing Authority

Executive Engineer  
Chambal Division

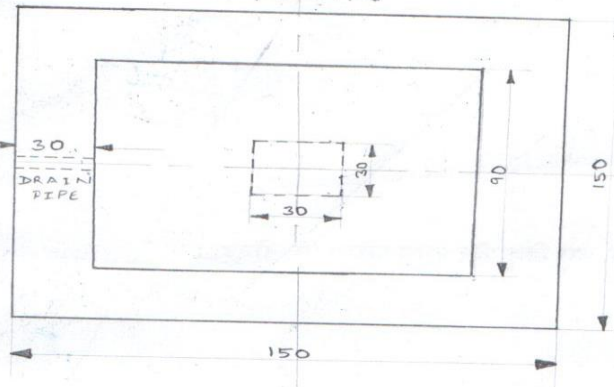
Signature of Contractor  
Seal  
Address



GOVERNMENT OF INDIA  
CENTRAL WATER COMMISSION  
MUSTO - TYPE BENCH MARK



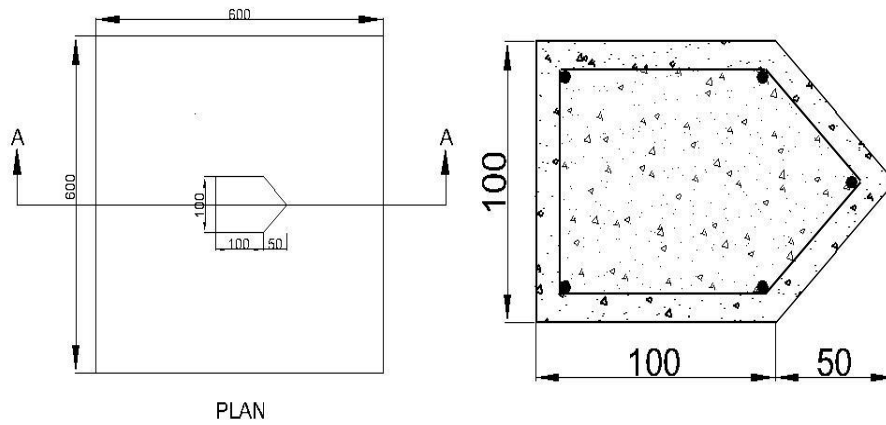
PLAN



## NOTE:-

- 1) All dimensions in centimetre
- 2) Drawing not to scale.

## Annexure-2



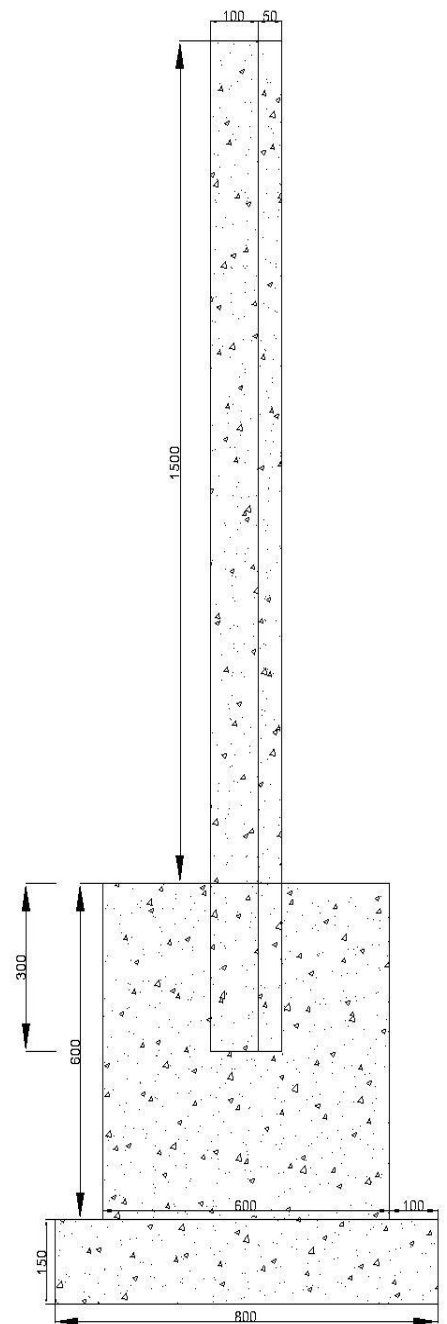
Note: All dimensions are in mm.

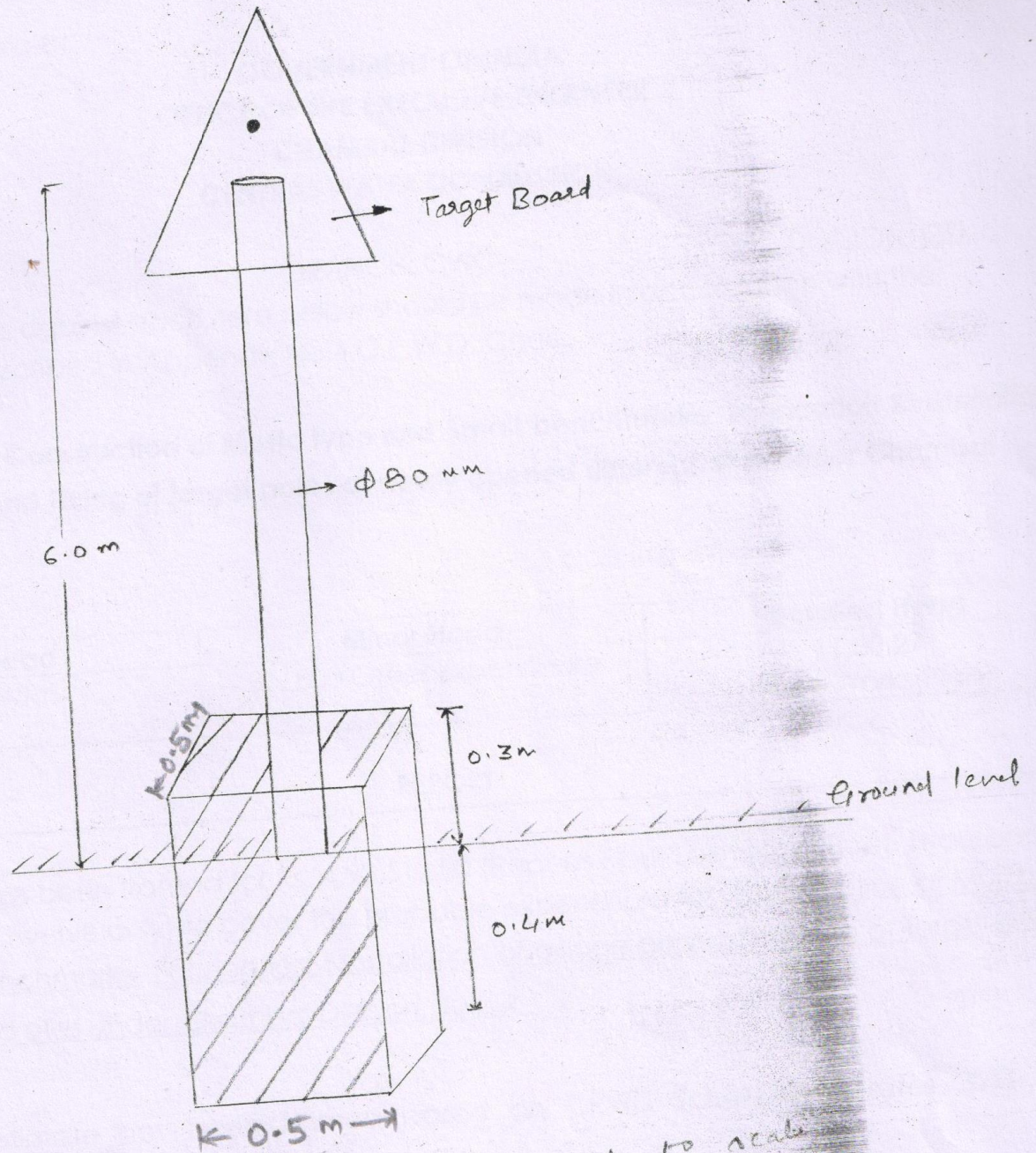
Prepared By:

Purshottam Sharma,  
Junior Engineer,  
Chambal Division, Jaipur

Main reinforcement-  
#12mm @5 NOS

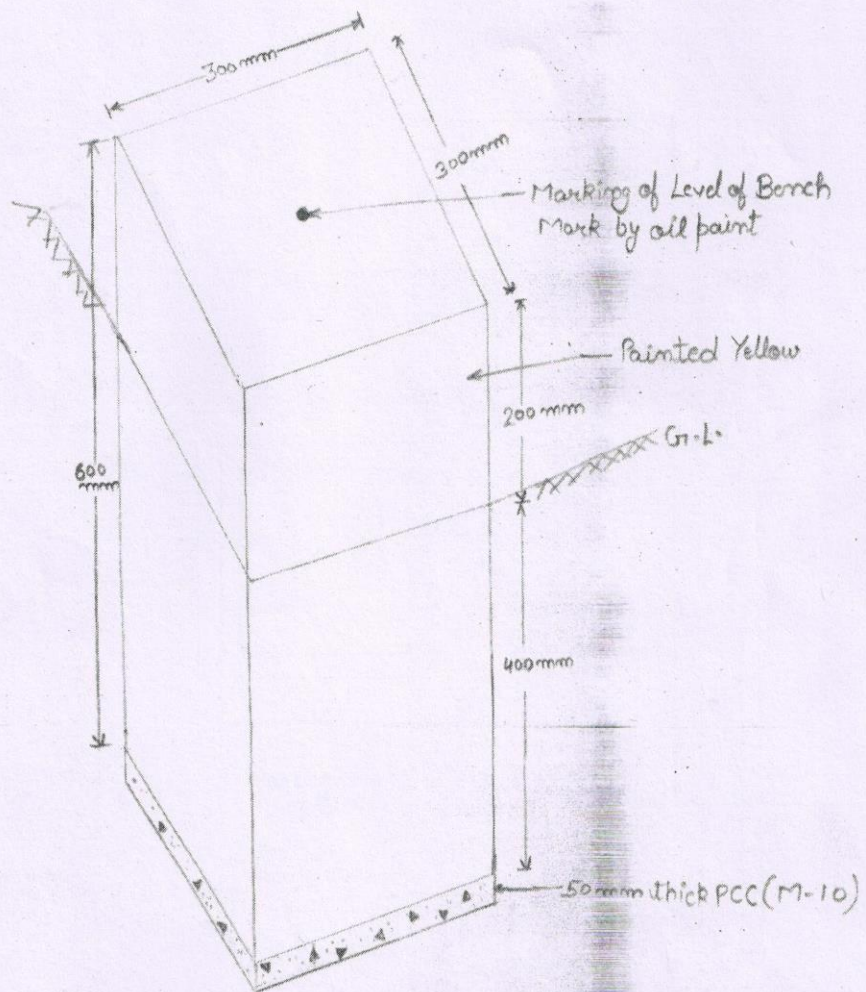
Ring-  
#8mm @100mm c/c





All dimension are in meter & next to scale





R.C.C. (M-15) Bench Mark (300x300x600mm)