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ODISHA POWER TRANSMISSION CORPORATION LTD

(A Government of Odisha Undertaking)

CIN – U40102OR2004SGC007553

REGD. OFFICE: JANPATH, BHUBANESWAR – 751022,

OFFICE OF THE GENERAL MANAGER (Elect),

EHT (O&M) CIRCLE, BHUBANESWAR

At: Chandaka Grid Sub-Station, P.O.:-KIIT, Bhubaneswar-751024

E-mail-ehm.cle.bbs@optcl.co.in

TENDER SPECIFICATION NO- ETCN-01/BBS/2018-19

CONSTRUCTION OF NEW HERITAGE GATE FOR 132/33KV GRID SUB-STATION, PURI

PART-I

- SECTION-I- INSTRUCTION TO TENDERERS
SECTION-II- GENERAL TERMS & CONDITIONS OF CONTRACT
SECTION-III- TECHNICAL SPECIFICATION & SCHEDULE OF QUANTITY(A&B)
SECTION-IV- LIST OF ANNEXURES

PART-II

COMMERCIAL AND PRICE BID (In Excel Sheet Format)

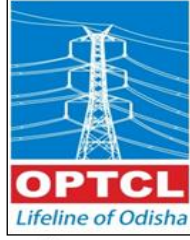
Request for online tender documents	From Dt	02.10.2018 (10.00 Hrs)
	To Dt	01.11.2018 (16.30 Hrs)
Issue of online tender documents:	From Dt	02.10.2018 (10.01 Hrs)
	To Dt-	01.11.2018 (16.31 Hrs)
Last date of submission of online tender:	Dt	01.11.2018 (up to 17.00 Hrs)
Date of opening of Tender	- On Dt	02.11.2018 (15.00 Hrs)

TELEPHONES / CONTACTS

1. General Manager: 09438907551
2. TA to General Manager: 9438907898

NOTE: -

1. In case the due date for opening of tender happens to be a holiday, then tenders would be received & opened on the next working day at the same time.
2. Please note that the tenders against this tender enquiry are being invited **through e-tendering mode**. In case of any clarification the prospective bidders may contact this office as mentioned above.
3. **The prospective bidders are requested to get their digital signatures (Class-3) well in time** for participation in the tender and no request for extension on this account will be entertained.
4. **Manual tenders in any form/case will not be accepted.**



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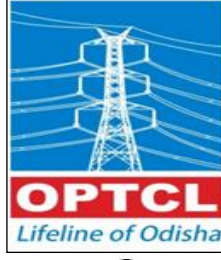
E-TENDER NOTICE NO. 01/BBS/2018-19

For and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD., General Manager, EHT (O&M) Circle, Bhubaneswar invites Tenders from reputed bidders having **civil contractor license** issued by Govt. of Odisha/Railways/ Military for the work of **CONSTRUCTION OF NEW HERITAGE GATE FOR 132/33KV GRID SUB-STATION, PURI** . The interested bidders would be required to enroll themselves on the tender portal www.tenderwizard.com/OPTCL and must possess **Class 3 Digital Signature Certificate**. Complete set of bidding documents are available at www.tenderwizard.com/OPTCL from **02.10.2018 (10.01 Hrs) to Dt- 01.11.2018 (16.30 Hrs)**. Interested bidders may visit OPTCL's official web site <http://www.optcl.co.in> and www.tenderwizard.com/OPTCL for detail specification.

N.B:- All subsequent addendums/corrigendum to the tender shall be hosted in the OPTCL's official web site <http://www.optcl.co.in> and www.tenderwizard.com/OPTCL only.

GENERAL MANAGER

EHT (O&M) CIRCLE, BHUBANESWAR



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(A Government of Odisha Undertaking)

CIN – U40102OR2004SGC007553

REGD. OFFICE: JANPATH, BHUBANESWAR – 751022,

OFFICE OF THE GENERAL MANAGER (Elect),

EHT (O&M) CIRCLE, BHUBANESWAR

At: Chandaka Grid Sub-Station, P.O.:-KIIT, Bhubaneswar-751024

NOTICE INVITING TENDER

No.E-TENDER NOTICE NO. 01/BBS/2018-19/1053

Date:01/10/2018

For and on behalf of the **ODISHA POWER TRANSMISSION CORPORATION LTD**, the undersigned invites bids **under single-part bidding system** in e- tendering mode only as per the following details.

1. Request for online tender documents From Dt 02.10.2018 (10.00 Hrs)

To Dt 01.11.2018 (16.30 Hrs)

Issue of online tender documents: From Dt 02.10.2018 (10.01 Hrs)

To Dt- 01.11.2018 (16.31 Hrs)

Last date of submission of online tender: Dt 01.11.2018 (up to 17.00 Hrs)

Date of opening of Tender - On Dt 02.11.2018 (15.00 Hrs)

2.

Sl. No.	Name of work	Estimated Cost (in Rs.)	EMD (in Rs.)	Tender Processing Fee (in Rs)	Cost of Tender Spec. Document (in Rs)
1	Construction of new heritage gate for 132/33kv Grid Sub-Station, Puri .	10,85,284.00	1% of Quoted value.	Rs.1280/-	Rs6,720/-

1. The bidders can view the tender documents from website free of cost. The bidders who want to participate in the tender shall have to pay **Rs6720/- (Rupees Six thousand seven hundred and twenty only) non refundable** including GST @ 12%) towards the cost of tender document, in the form of Demand draft only, drawn in favour of **EHT (O&M) Circle, OPTCL, Bhubaneswar, Payable at Bhubaneswar** and the same is to be submitted to the office of the undersigned on or before the last date & time of submission of tender.

(NOTE: For deposit of tender processing fee to K.S.E.D.C. Ltd. Bangalore, the bidder can use various modes of e-payment facility available through Tender wizard Portal, i.e. by Credit Card, Debit Card, Net Banking)

2. The bidders shall scan the Demand Draft towards EMD, Tender paper Cost and acknowledgement slip for tender processing fee and upload the same in the prescribed form in **.gif** or **.jpg** format in addition to sending the original as stated above.
3. The prospective bidders are advised to register their user ID, Password, company ID from website www.tenderwizard.com/OPTCL by clicking on hyper link “Register Me”.
4. Any clarifications regarding the scope of work and technical features of the tender can be had from the undersigned during office hours.

**GENERAL MANAGER
EHT (O&M) CIRCLE, BHUBANESWAR**

PART-I
SECTION-I
INSTRUCTIONS TO TENDERER

1. Submission of Bids: -

The bidder shall submit the bid in Electronic Mode only i.e www.tenderwizard.com/OPTCL. The bidder must ensure that the bids are received in the specified website of the OPTCL by the date and time indicated in the Tender notice. Bids submitted by telex/telegram will not be accepted. No request to collect the Bids in physical form will be entertained by OPTCL.

OPTCL reserves the right to reject any bid, which is not submitted according to the instruction, stipulated above. The participants to the tender should be registered under GST.

1. For all the users it is mandatory to procure the Class 3 Digital Signatures.

2. Manufacturers/ Dealers/ Bidders / Suppliers are requested to follow the below steps for Registration:

a. Click “Register”, fill the online registration form.

b. This registration is valid for two year.

c. Send the acknowledgment copy for verification.

d. As soon as the verification is being done the e-tender user id will be enabled.

3. After viewing Tender Notification, if bidder intends to participate in tender, he has to use his e-tendering User Id and Password which has been received after registration and acquisition of DSCs.

4. If any Bidder wants to participate in the tender he will have to follow the instructions given below:

a. Insert the PKI (which consist of your Digital Signature Certificate – Class 3) in your System.
(Note: Make sure that necessary software of PKI be installed in your system).

b. Click / Double Click to open the Microsoft Internet Explorer (This icon will be located on the Desktop of the computer).

c. Go to Start > Programs > Internet Explorer.

d. Type www.tenderwizard.com/OPTCL in the address bar, to access the Login Screen.

e. Enter e-tender User Id and Password, click on “Go”.

f. Click on “Click here to login” for selecting the Digital Signature Certificate.

- Select the Certificate and enter DSC Password.

- Re-enter the e-Procurement User Id Password

5. To make a request for Tender Document, Bidders will have to follow below mentioned steps.

a) Click “Un Applied” to view / apply for new tenders.

b) Click on Request icon for online request.

c) Enter the required fields including details of D.D for tender Processing fee.

6. After making the request Bidders will receive the Bid Documents which can be checked and downloaded by following the below steps:
 - a) Click to view the tender documents which are received by the user.
 - b) Tender document screen appears.
 - c) Click “Click here to download” to download the documents.
7. After completing all the formalities Bidders will have to submit the tender and they must take care of following instructions.
 - a) Prior to submission, verify whether all the required documents have been attached and uploaded to the particular tender or not.
 - b) Note down / take a print of bid control number once it displayed on the screen
8. Tender Opening event can be viewed online.
9. Competitors bid sheets are available in the website for all.
10. For any e-tendering assistant contact help desk number mentioned below.
 - **Bangalore – 080-40482000.**
 - **Mr. Satamanyu – mob: 09937140591**

2. **Division of Specification.**

Part –I consists of

SECTION-I-	INSTRUCTION TO BIDDERS
SECTION-II-	GENERAL CONDITIONS OF CONTRACT
SECTION-III-	TECHNICAL SPECIFICATION & SCHEDULE OF QUANTITY
SECTION-IV-	LIST OF ANNEXURES

Part II consists of

COMMERCIAL AND PRICE BID

The Tenderers are required to submit the tenders in single part.

3. **Purchaser’s Right Regarding Alteration of Quantities Tendered**

The Purchaser may alter the quantities of work at the time of placing orders. Initially the purchaser may place orders for lesser quantity with full freedom to place extension orders for further quantity under similar terms and conditions of the original orders. Orders may also be split among more than one bidder for any particular item, in the interest of OPTCL.

4. **Purchaser’s right to accept/reject bids:**

The purchaser reserves the right to reject any or all the tenders without assigning any reasons what so ever if it is in the interest of OPTCL, under the existing circumstances.

5. **Mode of submission of Tenders.**

[A]Tenders shall be submitted in electronic mode only. (www.tenderwizard.com/OPTCL)

[B]**Telegraphic or FAX tenders** shall not be accepted under any circumstances.

6. Earnest money deposit:

The tender shall be accompanied by Earnest Money deposit of value specified in the notice inviting tenders against each bid. Tenders without the required EMD will be rejected out rightly. The earnest money deposit shall be furnished in shape of **Bank Draft (Only)**:-To be drawn in favour of **EHT (O&M) Circle, OPTCL, Bhubaneswar, Payable at Bhubaneswar.**

NOTE:-

- a) No adjustment towards EMD shall be permitted against any outstanding amount with the ODISHA POWER TRANSMISSION CORPORATION LTD.
- b) In the case of un- successful tenderer, the EMD will be refunded after finalization of the tender on written request. In the case of successful Tenderer, this will be refunded on written request only after award of contract & on submission of security deposit.
- c) Suits, if any, arising out of this clause shall be filed in a Court of law to which the jurisdiction of High Court of ODISHA extends.
- d) EMD will be forfeited if the tenderer fails to accept the purchase order and/or work order issued in his favour or to execute the order, placed on them.
- e) Tenders not accompanied by Earnest Money shall be disqualified.
- f) EMD carries no Interest.
- g) **The EMD not claimed for refund within a period of one year from the date of issue of Purchase/ Work orders and the Security Deposit not claimed for refund within a period of three years after completion of contract, will be forfeited.**

7. Validity of the Bids: -

The bidders are requested to keep the validity of their offer for a period of **180** days from the date of opening of the tender, failing which the tenders will be rejected.

8. PRICE: -

The bidders are advised to quote their rate as per the price schedule attached with this specification and shall remain firm within the validity of the tender. The bidders are advised to have a site visit before filling the tender.

9. Tenderers to be fully conversant with the clauses of the Specification:

Tenderers are expected to be fully conversant with the meaning of all the clauses of the specification before submitting their tenders. In case of doubt regarding the meaning of any clause, the tenderer may seek clarification in writing from the GM, EHT (O&M) Circle, Bhubaneswar. This, however, does not entitle the Tenderer to ask for time beyond due date, fixed for receipt of tender.

10. Documents to Accompany Bids.

Tenderers are required to submit tenders in the following manner:

- a) Declaration Form as per **Annexure-I** (duly signed) to be uploaded in .pdf format.
- b) Earnest Money (scanned copy is to be uploaded)
- c) Abstract of Terms & conditions in prescribed proforma as per **Annexure-II**. To be keyed in, in the bid sheets provided.
- d) General Terms & Conditions of contract as per Section-II of the Specification. (All the required documents are to be uploaded.)
- e) Data on past experience if any **as per** the Specification.(Scanned copy to be uploaded)
- f) GST Registration certificate, Civil License & Permanent Account Number [PAN] of the firm is required under Income tax Act. (Scanned copy to be uploaded).
- g) Any other document required, is to be uploaded.
- h) Schedule of prices in the prescribed proforma in the price bid sheet provided in .xls format.

11. Conditional Offer:

Conditional offer shall not be accepted.

10. General: -

- a) The EMD amount as specified is to be paid in shape of DD only.
- b) In the event of discrepancy or arithmetical error in the schedule of price, the decision of the purchaser shall be final and binding on the Tenderer.
- c) Notice inviting tender shall form part of this specification.
- d) The EMD, shall be returned to the unsuccessful bidders after finalization of tender on written request.
- e) It should be distinctly understood that the price bid shall contain only details/documents relating to price, as mentioned herein above.
- f) **The Tenderer must submit the EMD amount, cost of tender document in shape of draft in a sealed cover envelope super scribing the Tender Notice No & Date of opening of tender. The said envelope is to be submitted in the office of the purchaser on or before Dt.01.11.2018 up to 5.00 PM.**
- g) The estimated quantity as indicated in Schedule of Quantity of Section III may vary as per site requirement and hence the tenderers are advised to visit the site; assess the quantum of work involvement and make themselves acquainted with the site conditions before submission of tender.
- h) The tenderer must observe all the safety rules while working in EHV environment.

PART I

SECTION-II

GENERAL TERMS AND CONDITIONS OF CONTRACT [G.T.C.C.]

1. Scope of the contract:

The scope of contract covers “Construction of a new Heritage Gate for 132/33 KV Grid Sub-Station ,Puri which will include Construction of RCC Welcome gate, Security room and Wicket gate at the entrance of Grid Sub-Station ,Puri. The work shall be carried out as per construction drawings, specifications, the description of the items in this schedule and/or Engineer’s instructions. The layout, sizes and details of the Security shed, structures and foundations will be done as per the attached approved drawing.

2. Definition of terms:

For the purpose of this specification and General Terms and Conditions of contract [GTCC], the following words shall have the meanings hereby indicated, except where otherwise described or defined.

- 2.1. “The Purchaser” shall mean the General Manager, EHT (O&M) Circle, Bhubaneswar for and on behalf of ODISHA POWER TRANSMISSION CORPORATION LTD, Bhubaneswar.
- 2.2. “The Engineer” shall mean the Engineer appointed by the Purchaser for the purpose of this contract.
- 2.3. “Purchaser’s Representative” shall mean any person or persons or consulting firm appointed and remunerated by the Purchaser to supervise, inspect, test and examine workmanship and materials of the equipment to be supplied.
- 2.4. “The Contractor” shall mean the bidder whose bid has been accepted by the purchaser and shall include the bidder’s executives, administrators, successors and permitted assignees.
- 2.5. “Contract Price” shall mean the sum named in or calculated the bid.
- 2.6. “General Condition” shall mean these General Terms and Conditions of Contract.
- 2.7. “The Specification” shall mean both the technical as well as commercial parts of the specification annexed to or issued with GTCC and shall include the schedules.
- 2.8. “Month” shall mean “Calendar month”.
- 2.9. “Writing” shall include any manuscript, type written, printed or other statement reproduction in any visible form and whether under seal or under hand.
- 2.10. “FOR Destination costs” shall mean the cost at our work site. The GST is to be calculated extra.

2.11. The term “Contract document” shall mean and include GTCC, specifications, form of tender, Notice Inviting Tender, covering letter, schedule of prices or the final General Conditions, any special conditions, applicable to the particular contract.

2.12. Terms and conditions not herein defined shall have the same meaning as are assigned to them in the Indian Contract Act, failing that in the ODISHA General Clauses Act.

3. MANNER OF EXECUTION:

Construction of Heritage Gate should be done as per the instruction of the engineer – in- charge. All the work shall be taken as per the civil engineering procedure. The work is to be done while strictly adhering to the Technical Specification of **Section III**.

4. PERIOD OF EXECUTION:-

The work shall be carried out and completed in all respect within 120 days from the date of issue of this work order.

5. INSPECTION/SUPERVISION:- Necessary inspection/supervision of the work will be done by the consignee / Supervising officer during execution of work. The steel materials and other materials required to be used are to be inspected by the engineer in charge before taking up the work.

6. Language and measures:

All documents pertaining to the contract including specifications, schedule, notices, correspondence or any other writing shall be written in English language. The metric system of measurement shall be used exclusively in this contract.

7. Right to reject / accept any tender:

The Purchaser reserves the right either to reject or to accept any or all tenders if the situation so warrants in the interest of the OPTCL. The Purchaser has exclusive right to alter the quantities of work at the time of placing final work order.

8. COMPENSATION: -

The contractor shall be fully responsible for paying compensation, if any, under the Workmen Compensation Act on account of workmen deployed by him. He must have followed all the safety rules and provide all the required protective equipments to his workmen as they are to work in the surrounding of Extra High Voltage System. OPTCL in no way will be responsible for payment of any compensation.

9. FORCE MAJEURE:

The Contractor shall not be liable for any penalty for delay or for failure to perform the contract for reasons of force majeure such as acts of god, acts of the public enemy, acts of Govt., Fires, floods, epidemics, Quarantine restrictions, strikes, Freight Embargo and provided that the Contractor shall

within Ten (10) days from the beginning of delay on such account notify the purchaser in writing of the cause of delay. The purchaser shall verify the facts and grant such extension, if facts justify.

10. Extension of time:-

If the Completion of work is delayed due to reasons beyond the control of the Contractor, the Contractor shall without delay give notice to the purchaser in writing of his claim for an extension of time. The Purchaser on receipt of such notice may or may not agree to extend the contract period date as may be reasonable but without prejudice to other terms and conditions of the contract.

11. Guarantee period: -

The guarantee period for this contract shall be One Year. Any defect / deviation if noticed during this period shall be immediately rectified free of cost on written notice from the consignee, failing which the security deposit shall be forfeited.

12. GST REGISTRATION, PAN CARD & CIVIL LICENSE:

Clear attested Xerox copies of PAN No./ Valid GST registration & clearance certificate / Civil contractor license issued by Govt of Odisha / Railways / Military valid on the date of opening of tender should be submitted along with tender, without which tender will be rejected. The Contractor may be requested to produce original PAN card, GST registration and clearance certificate as applicable & Civil contractor license and all other relevant documents for verification. Those who fail to produce the same and found not to be valid on the date of opening of tender, their tenders will be rejected.

13. QUANTITY VARIATION: The quantity to be ordered may undergo revision at the time of the placement of orders

14. SECURITY DEPOSIT TOWARDS, 100% PAYMENT AND PERFORMANCE GUARANTEE:

The successful tenderer will be required to deposit a sum amounting to 10% of value of the contract in shape of Bank Draft /composite BG from any nationalized bank valid for up to two months after the guarantee period, drawn in favour of the **paying officers**, within 15 days of receipt of the work order. In the event of any breach or default in all or any conditions of the work order, the G.M., EHT (O&M) Circle, Bhubaneswar may forfeit the whole amount of Security deposit. No interest will be paid on the security deposit and will be released after expiry of the guarantee period by the paying officer. The security value must be deposited prior to execution of work.

15. Terms of Payment.

a) 100% of the Contract Value with GST shall be paid after successful completion of the work, subject to approval of the Guarantee Certificate by the Ordering Authority and deposit of security amount..

b) Deduction of Tax shall be made as per the prevailing norms of OPTCL

16. Penalty for Delay in Completion of Contract

Penalty shall be imposed @ 0.5% (half percent) of contract price for each calendar week of delay or part thereof subject to maximum of @ 5% (five percent) of contract amount. Charges towards penalty shall be counted after scheduled date of completion / issue of clear instruction to the contractor for commencement of works by the General Manager, E.H.T (O&M) Circle, Bhubaneswar /concerned Deputy General Manager, E.H.T (O&M) Divisions.

17. Jurisdiction of the High Court of ODISHA

Suits, if any, arising out of this contract shall be filed by either Party in a court of Law to which the jurisdiction of High court of ODISHA extends.

18. Correspondences.

- a) Any notice to the Contractor under the terms of the contract shall be served by Registered Post or by hand at the Contractor’s Principal Place of Business.
- b) Any notice to the Purchaser shall be served at the Purchaser’s Principal Office in the same manner.

Official Address of the Parties to the Contract

The address of the parties to the contract shall be specified:-

(i) **Purchaser:** General Manager,
EHT (O&M) Circle, Bhubaneswar, OPTCL
At:- Chandaka Grid Sub-Station, P.O:- KIIT, Bhubaneswar
Pin-751024
E-mail-ehm.cle.bbs@optcl.co.in

(ii) **Supplier:** Address:.....
.....
.....
Telephone No:.....
e-mail address:.....

19. Outright Rejection of Tenders

Tenders shall be outright rejected if the followings are not complied with.

- a) The tenderer shall submit the bid in electronic mode only and shall submit the cost of tender document and Tender processing fee on or before the date and time of opening of the bid.
- b) The Tender shall not be submitted telegraphically or by FAX.

- c)** The prescribed EMD shall be submitted on or before the last date and time of submission of the bid.
- d)** The Tender shall be kept valid for a minimum period of 180 days from the date of opening of tender.
- e)** The schedule of prices should be filled up fully to indicate the break-up of the prices including taxes and duties. Incomplete submission of this schedule will make the tender liable for rejection.
- f)** All the necessary Excel Sheets like Techno –commercial bid sheet, price bid sheet etc. attached with the tender should be duly filled up without any empty cells .
- g)** Non submission of documents as per clause no.12 of this section.
- h)** Abstract of general terms and conditions of contract.

PART – I
SECTION – III

A. TECHNICAL SPECIFICATION

- 1. The Scope of work:-** The scope of works covers construction of a new Heritage Gate for 132/33 KV Grid Sub-Station ,Puri which will include Construction of RCC Welcome gate, Security room and Wicket gate at the entrance of Grid Sub-Station ,Puri. The work shall be carried out as per the attached drawings, specifications, the description of the items in the schedule and/or Engineer's instructions.
- 2. Reinforcement Schedule and dimension details :-** The work (PCC& RCC) should be carried out as per the attached drawing.
- 3. Supply of Materials:-** All required materials, consumables, paint are to be supplied by the Contractor and must be of approved quality. Different sizes of steel rod to be used must be of TATA/SAIL make. The materials are to be inspected by the representative of OPTCL before utilization of the same.. **All other materials which have not been mentioned and are required at site for proper execution of the work shall also be supplied by the contractor** including cost, conveyance, royalty and taxes of all materials, cost of all labour, T&P etc. as required for the work complete and as per direction of Engineer-in-charge.
- 4. Workmanship:-** The work shall be carried out as per standard Civil Engineering procedure & as per the instruction of the site in-charge.
- 5. Program and Progress of work:-**The contractor shall submit the detailed program of work to the Consignee three days prior to commencement of the work so as to make adequate supervision by the Engineer in charge.

B. SCHEDULE OF QUANTITY

<i>Sl. No</i>	<i>Description of Work</i>	<i>Unit</i>	<i>Qty</i>
1	<p style="text-align: center;"><u>CIVIL PORTION</u></p> <p>Earthwork in all kinds of soil in excavation of foundation trenches for columns, basement, tie beams, walls and steps in all kinds of soil including morrum, hard stony earth and earth mixed with boulders except sheet rocks and boulders requiring blasting with 50 Mtr leads and 1.5 Mtr lifts including dressing and leveling the bed sides up to required depth and depositing the excavated materials at places away from the work site with all leads and lifts, T&P for shoring, shuttering, dewatering if required etc. complete as per the drawing, designing including cost of all labour, T&P etc. as required for the work complete as directed by the Engineer-in-charge.</p>	Cum.	35.652
2	Providing & laying cement concrete of prop. (1:3:6) in foundation bed and floors using 40mm nominal size downgraded, screened, washed hard black crusher broken granite metal of approved quality & from approved quarry including laying in the layers not exceeding 150 mm thick, hoisting, lowering, laying, watering and curing etc. complete to the required levels including cost, conveyance, royalty and taxes of all materials, cost of all labour, T&P etc. as required for the work complete and as per direction of Engineer-in-charge.	Cum.	2.887
3	Filling foundation & plinth with sand well watered and rammed etc. including cost, conveyance, royalty and taxes of all materials, cost of all labour, T&P etc. as required for the work complete and as per direction of Engineer-in-charge.	Cum.	2.887
4	R.C.C. work of M-20 grade with 20mm and down grade hard black crusher broken granite stone chips of approved quality from approved quarry including hoisting, lowering, laying and compacting concrete, watering and curing, centering, shuttering and finishing the exposed surfaces smooth with cost, conveyance, royalties, taxes of all materials with all labour and T&P required for the work etc. complete in all respect but excluding the cost and conveyance of M.S. rods or Tor steel and binding wire of 18 to 20 gauge and excluding labour charges for straightening, cutting, bending, binding and tying the grills and placing proper position as per direction of Engineer-in-charge.		13.797
a	Column base.	Cum.	2.502
b	Column Sub-Structure	Cum.	1.300
c	Tie Beam	Cum.	1.900

d	Column Superstructure	Cum.	2.100
e	Roof Beam	Cum.	3.000
f	Roof Slab	Cum.	0.900
g	Lintel	Cum.	0.505
h	Chajja	Sqm.	1.440
i	R.C.C drop	Sqm.	0.150
5	Straightening bent up or coiled rods, cutting, bending, cranking, hooking, welding or jointing (if required), the M.S. rods or Tor steel and binding, tying the grills, hoisting, lowering and placing in proper position as required for R.C.C. works including cost, conveyance and taxes of M.S. rods or Tor Steel (Rerolling Steel bar shall not be used and should be from reputed manufacture like SAIL & equivalent) and binding wires of 18 to 20 gauge and labour with all T&P required for the work etc. complete in all floors (weight of binding wires will not be considered for payment and payment will be made on weight of M.S. rods or Tor Steel only.) as per direction of Engineer-in-charge.	qntl.	17.000
6	1 st Class Fly Ash brick work in cement mortar (1:6) using Fly ash brick of approved quality and to the IS specification having crushing strength from 75 Kg/cm ² to 99 Kg/cm ² free from cracks, well shaped, uniform in size and shall produce a clear metallic ringing sound when struck includes molding, chamfering, corbelling etc. complete as per drawing, design and specification including racking out joints, watering, curing, scaffolding and cost of all materials, labour, T&P, carriage, royalty, taxes etc. and as per direction of Engineer in charge for the following finished item of works.		
	Super Structure		
	i) 250 mm wall	Cum.	8.480
	ii) 125 mm wall	Cum.	1.150
7	16 mm. thick inside cement plaster in cement mortar (1:6) over uneven surface of brick/R.C.C. walls after racking out the joints finished smooth with proper line, plumb, watering, curing for 7 days with cost, conveyance, royalties, taxes of all materials and cost of all labour, T&P etc. as required for the work complete as per direction of the Engineer-in-charge.	Sqm.	48.375
8	Providing 12 mm. thick ceiling plaster in cement mortar of proportion (1:4). after racking out the joints finished smooth to proper line and plumb, watering, curing for 7 days with cost, conveyance, royalties, taxes of all materials, cost of all labour, T&P etc. as required for the work complete as per direction of the Engineer-in-charge.	Sqm.	8.640
9	Providing 12 mm. thick outside cement plaster in cement mortar of proportion (1:6) over R.C.C. walls, beams, column etc. after racking out the joints finished smooth to proper line and plumb, watering, curing for 7 days with cost, conveyance, royalties, taxes of all	Sqm.	89.200

	materials, cost of all labour, T&P etc. as required for the work complete as per direction of the Engineer-in-charge.		
10	Providing 25mm thick grading concrete in C.C. (1:2:2) in roof slab with 6mm size & downgraded black hard crusher broken granite chips including watering and curing for 7 days including chipping & cleaning the roof surface with all cost, conveyance, royalty and taxes of all materials, labour, T&P etc. as per direction of Engineer-in-charge.	Sqm	9
11	Providing Cement washing one coat with approved quality and shade of water proofing cement paints over a coat of cement wash to plastered surface with brush including cleaning the surface watering, curing, cost of cement paint, taxes, labour charges, T&P etc. complete as per direction of Engineer-in-charge.	Sqm	146.2
12	Inside & Outside wall painting with cement primer one coat including cleaning the surface, with taxes, labour charge. T&P required for the work complete in all respect as per direction of Engineer-in-charge.	Sqm	146.2
13	Inside & Outside wall painting with weather coat paint (two coats) including cleaning the surface, with taxes, labour charge. T&P required for the work complete in all respect as per direction of Engineer-in-charge.	Cum	137.6
14	2.5cm artificial stone flooring with cement concrete (1:2:4) including punning using 12 mm size crusher broken granites chips as per direction of Engineer-in-charge.	Cum	11
15	Providing & injecting chemical emulsion for pre constructional anti termite treatment as per I.S & creating a chemical barrier in bottom & sides of foundation trenches, top surface of plinth filling junction of walls & floors along with external perimeter of the building expansion joints surrounding the pipes & cables etc. complete using approved quality of chemical emulsion of requisite quantity prescribed by the manufacturer as directed by the Engineer-in-charge including cost of materials & labour, taxes, etc. complete. (Indemnity bond for warranty for 5 years to be furnished)	Cum	12.25
16	Painting two coats of synthetic enamel paint over iron / wood works as per approved shade of approved quality over a coat of primer, sand papering, polishing the surface including cost, conveyance, taxes of all materials cost of all labour, T&P etc. in all floors as required for the work complete as per direction of Engineer-in-charge.(Paints and primer will be supplied by the contractor) (For all floors)	Cum	10.53
17	Supplying fitting & fixing of steel frame with grill & glass for windows etc. complete in all floors including Conveyance, royalties, taxes of all materials Labor charges. T&P etc, complete in all respect including	Cum	1.125

	loading and unloading.		
18	Supplying fitting & fixing of Ornamental grill gate sliding type 1500mm height including painting matching to the stone art & Architecture etc. complete including Conveyance, royalties, taxes of all materials Labor charges. T&P etc, complete in all respect including loading and unloading.	Cum	9.75
19	Supplying fitting & fixing of Normal grill gate etc. complete including Conveyance, royalties, taxes of all materials Labor charges. T&P etc, complete in all respect including loading and unloading.	Cum	1.8
20	Supplying fitting & fixing of steel frame with grill & steel sheet for door properly welded with steel aldrops etc. complete in all floors including Conveyance, royalties, taxes of all materials Labor charges. T&P etc, complete in all respect including loading and unloading.	Sqm	3.465
21	Filling foundation trenches and plinth with excavated earth including laying the earth in layers not exceeding 23.5 cm. (9") thick ramming and watering well with initial leads and lifts T&P etc. complete as directed by the Engineer-in-charge.	Cum	54.78
22	Dismantling and removing of R.C.C Columns, Beams, slab, Staircase landing and stacking the useful materials.	Cum	3.533
23	Dismantling brick masonry or stone masonry in lime and cement mortar under 3.00mtrs height and stacking the useful materials.	Cum	4.665
24	Crafted stone fitting and fixing on the RCC columns and beams of the gate including supply of the stone, stone crafting, fitting and fixing, supply of any other materials required for it.	Sqm	48.57
25	Providing and fixing of Orissa Pan including all cost, conveyance royalties and taxes complete in all respect.	nos.	1
26	Providing and fixing of 10 ltr PVC low level Cistern including all cost, conveyance royalties and taxes complete in all respect.	nos.	1
27	Providing and fixing of CPVC pipes 1" dia (Concealed/Open wiring) including all accessories, cost, conveyance royalties and taxes complete in all respect.	Rmtr	40
28	Providing and fixing of CPVC pipes 1/2 " dia (Concealed/Open wiring) including all accessories, cost, conveyance royalties and taxes complete in all respect.	Rmtr	10
29	Providing and fixing of 1/2" CP angle stop cock including all cost, conveyance royalties and taxes complete in all respect.	nos.	1
30	Providing and fixing of 1/2" CP Bib cock including all cost,	nos.	1

	conveyance royalties and taxes complete in all respect		
31	Fixing Vitrified tile in wall with 12 mm thick cement plaster (1:3) c.m. jointed with cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete including cost of tiles.	Sqm	7.8
32	Fixing Vitrified tile in floor on 20mm thick bed (1:4) c.m. jointed with cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete including cost of tiles.	Sqm	2.88
33	Connection to sewerage soak pit	Rmtr	30

SECTION-IV

[LIST OF ANNEXURES]

The following schedules and Performa are annexed to this specification and contained in Section-IV as referred to in the relevant clauses.

Sl. No	Description	Annexure
1	Declaration form	ANNEXURE-I
2	Abstract of terms and conditions to accompany Section-II of Part-I	ANNEXURE-II (To be filled in Commercial & Price Bid Sheet)
3	Bidders Documents and Details	ANNEXURE- III (To be filled in Commercial & Price Bid Sheet)

