

# **Webel**

WEST BENGAL ELECTRONICS INDUSTRY DEVELOPMENT  
CORPORATION LIMITED.

TENDER DOCUMENT (Re-tender)

**Maintenance works (Miscellaneous items) at STP II**

Price Rs.200.00

# Webel

WEST BENGAL ELECTRONICS INDUSTRY  
DEVELOPMENT CORPORATION LIMITED

**NIT No.: EC/ 07/STP II/ Maintenance works (miscellaneous items)/2018-19/039**  
**Dt. 19.11.2018**

Sealed Tenders are invited from reputed contractors for the following:

- |                                      |  |
|--------------------------------------|--|
| Name of Work                         | : <b>Maintenance works (miscellaneous items) at STP II</b>   |
| Estimated Cost                       | : Rs. 2.81 Lac (approx.)   |
| Time allowed for completion          | : Till 31.03.2019.   |
| Cost of tender documents             | : Rs. 200.00 (Rupees Two hundred only) per tender document in the form of Demand Draft/Pay Order (non-refundable) in favour of WBEIDCL. <b>The same has to be submitted before opening of cover-I of the Tender on scheduled date.</b>   |
| Earnest Money Deposit                | : Rs. 2000/- (Two Thousand only)   |
| <b>Eligibility of the Contractor</b> | : <ol style="list-style-type: none"><li>1. Contractor should have valid P.F, ESI ,GST registration, PAN No.</li><li>2. Contractor should have credential with proper completion certificate or valid work order of executing similar type jobs within any office/commercial/industrial building premises in <b>a single job, of minimum value Rs. 2.3 Lakh</b> or <b>two projects with each of value minimum Rs. 1.40 Lakh</b>, under Govt., Semi-Govt., PSU or reputed private companies during last 5 years.</li></ol> |

- Last date and time of receipt of tenders : Up to 3.00 P.M on **03/12/2018**
- Address at which the tenders are to be submitted : West Bengal Electronics Industry Development Corporation Ltd. (Webel), ID & M Dept.  
Webel Bhavan, Block : EP & GP, Sector-V  
Kolkata 700 091.
- Date and time of opening of cover-I of tender : 3.30 P.M on **03/12/2018**
- Place of opening tenders : At the above mentioned venue of tender submission.
- Defect Liability Period : 12 months from the date of virtual completion of work.
- Validity of offer : For a period of 180 days from the date of opening of tender.

Tender will have to be submitted in two parts i.e. Cover-I and Cover-II separately, sealed and super scribed with the name of the work.

**Cover-I:** Forwarding letter, Signed-sealed copies of all aforesaid credential and statutory documents, Record Notes of Pre-bid meeting duly signed and stamped, the earnest money in required form. **Cover-I of only those Tenderers who will submit cost of Tender Document as above will be opened.**

**Cover-II:** Shall contain the offered price with the full Tender Document duly filled. No other condition stipulated in Cover-II, other than unconditional general rebate, shall be accepted. **All pages of the Tender Document should have original signature with official seal of the tenderer.**

Cover-I will be opened **on 03/12/2018 at 3.30 P.M** in presence of WBEIDCL officials for only those Tenderers who will submit cost of Tender Document as above.

**After examining the Cover-I of the tender, WEBEL will open the Cover-II of only those eligible tenderers who have satisfied the requirements of Cover-I. The scheduled date and time of opening of tender cover-II will be intimated to eligible tenderers in due course.**

In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the next working day at the same time or will be intimated by WEBEL.

The authority reserves the right to accept or to reject any or all part of this tender without assigning any reason what so ever.

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WEST BENGAL ELECTRONICS INDUSTRY  
DEVELOPMENT CORPORATION LIMITED

**NIT No.: EC/ 07/STP II/Maintenance works (miscellaneous items)/2018-19/039**  
**Dt. 19.11.2018**

## **SUBMISSION OF BID**

- A.i) Tender shall be submitted along with requisite Earnest Money Deposit and other requisite documents in sealed envelopes as cover-I & cover-II super scribed thereon name of the work.
- ii) All pages of original Tender document and schedule of quantities should be signed with official seal.
- B. Covering letter and other detail documents should form part of the offer.
- C. **QUOTING OF RATE FOR PRICED ITEM OF WORK:**

The tenderer is requested to go through all the terms and conditions meticulously specified hereinafter before quoting their specific rate. All the quoted rates must be written by hand of the person signing the tender and with same pen and ink. Erasing or over writing will not be allowed under any circumstances. However, correction, if any, will be allowed if it has been duly signed and sealed.

## **GENERAL TERMS & CONDITIONS**

1. The work must be completed within 31.03.2019 from the date of issue of the Letter of Intent/ Work Order.
2. Time is the essence of the contract. If the Contractor delay in the progress of work due to circumstances beyond their control, they shall have to apply in writing with proper justification for the delay to the Corporation for extension of time of completion within 3 (three) days of such occurrence but before expiry of stipulated date of completion. The Corporation on such application, may grant the extension of time. If they think it justified after proper enquiries. However, the finding of the corporation will be final and has to be abided by the Contractor.
3. Any extra work of the items not included in the Schedule scope of work with Bill of quantities will be done on extra item basis and the rate of payment for those extra item/items, if any, will be finalized mutually of the basis of the following in order of preference.
  - a) Rate should be obtained from current PWD Schedule of Rates of presidency Circle.
  - b) Rates derived from similar items of work from PWD Schedule of Rates of presidency Circle.
  - c) Analysis of rates as per prevailing market rates of labour and materials.  
Necessary documents are to be furnished by the Contractor in support of their rates.
4. The Contractor shall be responsible for any injury that might occur to person/s and any damage that may cause towards any Company's property during the course of execution of the work and they will be liable to make good the same at their cost.
5. The work should be carried out as per PWD Specification and in accordance with the Indian Standard Code of Practice. The materials, which will be used in the work, should have prior approval of the Corporation.
6. The materials, which will be used in the work, should have prior approval of the Corporation.
7. Income Tax deduction will be made at source as per laid down rules of Ministry of Finance.
8. The Contractor shall have to comply with the provisions of all Labour Rules, Wages Act and 1948 Worker's Compensation Act, whichever is application.
9. The Contractor shall have to provide everything necessary for proper execution of the work including labour, tools & tackles and stores etc.
10. The rate quoted by the contractor shall be firm throughout the tenure of the contract and shall be inclusive of all taxes, octroi and other statutory payments and will not subject to any fluctuation due to any increase in any effect.
11. The payment of bill will be made on actual measurement basis against R/A bills and Final Bill. Bills may be paid with part rate against individual items. However, part rates have to be certified by ID & M Dept. of the Corporation.
12. 10% Security Deposit and 1 % labour welfare cess would be deducted from the bill amount. The Security Deposit would be refunded back after maintaining 12 (twelve) months defect liability period from the satisfactory completion of the work. However, the Contractor can submit Bank Guarantee valued 10% of the job as security deposit in order to get relaxation from any deduction on account of security deposit from the

bills.

13. The following materials would not be supplied by the Corporation like brick, cement sand, steel, Plaster of Paris, wood gals, lamination, paint, ceramic tiles, aggregate, paver blocks, hardware fittings etc. including any other materials needed for execution of the job.
14. The Contractor shall make their own arrangement for storage space and godown for their materials, tools & tackles, Plant & Machinery etc.
15. The Contractor shall not, without the written consent and approval of the Corporation, Sublet any portion of the work.
16. The Contractor shall make their own arrangement for storage space and godown for their materials, tools & tackles, Plant & Machinery etc.
17. Rates of all items should be inclusive of supply of materials, labour charges hire charges of tools & tackles, scaffolding, plant & machinery, any taxes and duties etc. In case of only labour involved items, supply of material will not be included.
18. Should the contractor fail to complete the job within the stipulated time as specified in the tender within one extension of time, if permitted, as per clause (10) of the contract will be terminated automatically on the ground of non-completion of work even within the extension of time as permitted in one time and no appeal will be accepted in this respect. The balance job, if any, to be carried out through any other agency at their cost and risk.
19. No other terms and conditions are acceptable from their end if not stipulated in the work order or accepted.
20. **IDLE LABOUR**  
No claim for idle labour would be entertained under any circumstances.
21. **COMPLETION DRAWING**  
Wherever applicable, the contractor shall have to submit with the final bill, detailed drawings showing the works completed in all respects. Such drawings shall consist of one original and four copies of the same as per instructions of the Engineer-In-Charge.. Unless such drawings are furnished and approved, payment for final bill will not be processed.

## **Special Terms & Condition**

1. Bidders shall submit their bids for the complete scope of work as defined in the tender documents. However, Owner reserves the right to split – up the work, evaluate and award works to one or more Bidders, without prejudice to any provisions made elsewhere in the tender documents.
2. All terms and conditions of the tender documents shall be construed as applicable for any or all parts of the works, in general, unless specifically indicated to the contrary. The provisions as separately applicable in case of sub-division of the works, are set out separately, wherever applicable.
3. The Bidder shall quote prices valid for acceptance by the owner for award of full or part of the works, Bidder shall categorically confirm in their offer, their acceptance to the provisions of this clause.
4. Contract documents for agreement shall be executed after award of works to the successful tenderer by Telegram / Fax / Detailed letter of Intent. Until the final contract documents are prepared and executed this tender document together with the annexed documents, modifications, deletions agreed upon by the Owner and Bidder's acceptance thereof, shall constitute a binding contract between the successful tenderer and the Owner, based on terms contained in the aforesaid documents and the finally submitted and accepted prices.
5. Subject to availability, OWNER will supply power at 400/440V at only one point at the nearest sub-station/source, from where the CONTRACTOR will make his own arrangement of temporary distribution. The point of supply will not be more than 500 Meters away from the CONTRACTOR's site. All the works will be done as per IEA regulations and passed by the ENGINEER – IN – CHARGE. The temporary line will be removed forthwith after the completion of work or if there is any hindrance caused to the other works due to the alignment of these lines, the CONTRACTOR WILL reroute or remove the temporary lines at his own cost. The CONTRACTOR at his cost will also provide suitable electric meters, fuses, switches, etc. for purposes of payment to the OWNER which should be in the custody and control of the OWNER. The cost of power supply be payable to the OWNER every month at Rs.6.00 per Kwh for construction works power which would be deducted from the running account bills. The OWNER shall not, however, guarantee the supply of electricity and no compensation for any failure or short supply of electricity will be entertained.
6.
  - a) The selected agency must pay Earnest Money of requisite amount failing which the tender is liable to be rejected.
  - b.) No interest shall be paid by the OWNER on the Earnest Money deposited by the selected agency.
  - c.) The Earnest Money deposited by selected agency shall be forfeited incase the selected tenderer fails to start work within a period of 10 days.
7. The successful tender shall be issued LOI / LOA. The duplicate copy of the LOA will be returned duly signed by the agency as a token of acceptance. The work order / LOI duly signed by the owner & successful tenderer will be treated as agreement between the parties. In the event of failure on the part of the successful tenderer to sign the work order / LOA within 10 days time from the receipt of the work order / LOA. The earnest money deposit may be forfeited.
8. The work covered by this CONTRACT shall be commenced within 10 days after the receipt of the LETTER OF ACCEPTANCE OF TENDER and be completed in stages on or before the dates as mentioned in the TIME SCHEDULE OF COMPLETION OF WORK. The CONTRACTOR should bear in mind that time is the essence of this

agreement. Request for revision of construction time after tenders are opened will not be considered. The above period of ten days is included within the overall

COMPLETION SCHEDULE but not over and above the completion time to any additional work or any other reason.

8. Whenever any claim against the CONTRACTOR for the payment of a sum of money arises out or under the CONTRACT, the OWNER shall be entitled to recover such sum by appropriating in part or whole the Security Deposit of the CONTRACTOR. In the event of the security being insufficient or if no security has been taken from the CONTRACTOR, then the balance or the total sum recoverable, as the case shall be deducted from any sum then due or may become due thereafter at any time to the CONTRACTOR. The CONTRACTOR shall pay to the OWNER on demand any balance remaining due.
9. The contractor shall provide and maintain an office at the site for the accommodation of his agent and staff and such office shall be open at all reasonable hours to receive Instructions, notice or other communications. THE CONTRACTOR at all time shall maintain a site instruction book and compliance of these shall be communicated to the Engineer-in-charge from time to time and the whole document to be preserved and handed over after completion of works.
10. No part of the CONTRACT not any share or interest therein shall in any manner or degree be transferred, assigned or sublet by the CONTRACTOR directly or indirectly to any person, firm or corporation what so ever without the consent in writing, of the OWNER except as provided for in the succeeding sub-clause.
11. The CONTRACTOR agrees to and does hereby accept full and exclusive liability for the payment of any and all Taxes, Duties, including Excise Duty, Octrois, service Tax, Vat, Labour cess etc. now or hereafter imposed, increased, modified, all the sales taxes, duties, octrois etc. now in force and hereafter increased imposed or modified from time to time in respect of WORKS and materials and all contributions and taxes for unemployment compensation, insurance and old-age pensions or annuities now or hereafter imposed by any Central or State Government authorities which are imposed with respect to or covered by the wages, salaries or other compensations paid to the persons employed by the CONTRATOR and then CONTRACTOR shall be responsible for the compliance with all obligations and restrictions imposed by the Labour Law or any other law affecting employee relationship and the CONTRACTOR further agrees to comply, and to secure the compliance of all SUB-CONTRACTORS, with all applicable Central, State Municipal and local law and regulation and requirement of any Central, State or Local Government agency or authority. CONTRACTOR further agrees to defend, indemnify and hold OWNER harmless from any liability or penalty which may be imposed by the Central. State or local Authorities by reason or any violation by CONTRACTOR or SUB-CONTRACTOR of such laws, regulations or requirements and also from all claims, suits or proceedings that may be brought against the OWNER arising under, growing out of or by reason of the work provided for by this CONTRACT by third parties, or by Central or State Government authority or any administrative sub-division thereof.
- 13 Tax deductions will be made as per the rules and regulations in force in accordance with acts prevailing from time to time.
- 14 Tenderer should quote all inclusive prices including the liability of GST, labour cess etc. whether on the works contract as a whole or in respect of bought out components used by the CONTRACTOR in execution of the



CONTRACT. OWNER shall not be responsible for any such liability of the CONTRACTOR in respect of this CONTRACT.

- 15 The contractor shall carry out the various tests as enumerated in the technical specification of this tender document and the technical documents that will be furnished to him during the performance of the work and no separate payment shall be made unless otherwise specified in schedule to rates.
- 16 All the tests either on the field or at outside laboratories concerning the execution of the work and supply of materials by the Contractor shall be carried out by Contractor at his own cost.
- 17 Water to be provided at single point at free of cost from where contractor will make his own arrangement for temporary distribution. The point of supply will not be more than 500 meter. The owner shall not however guarantee the supply of water and no compensation for any failure or short supply of water will be entertained and in this respect contract should arrange water at his own cost.
- 18 The CONTRACTOR, on or after award of the WORK shall name and depute a qualified Engineer having sufficient experience in carrying out work of similar nature, to whom the equipments, materials, if any, shall be issued and instructions for works given the CONTRACTOR shall also provide to the satisfaction of the ENGINEER-IN-CHARGE sufficient and qualified staff to superintended the execution of the WORK Competent sub-agents, foremen and leading hands including those specially qualified be previous experience to supervise the type of work comprised in the CONTRACT in such manner as will ensure work of the best quality, expeditious working.
- ~~19 It is not permitted to shut down more than one toilet at a time in each floor to execute the job. If a ladies toilet is in running condition then no permission will be given to work in the adjacent gents' toilet.~~  
**The CONTRACTOR should be competent enough to work in the night shift or in weekends to complete the job in time.**
- 20 Any dispute arising under the agreement shall be referred to the arbitration to a sole Arbitrator appointed with the consent of the owner and the contractor as indicated in the article of the general conditions. The award of the arbitrator shall be final & binding on both parties.
- 21 Contractor should note that the quantities mentioned in BOQ may vary. However, contractor should take prior approval from the Engineer in charge for execution of any item in excess of the quantity mentioned in BOQ.
- 22 The contractor has to execute the job as per WBEIDC's priority and as instructed by Engineer in Charge.
- 23 If a problem is reported before 12 noon, then action must be taken on the same day and if the problem is reported after 12 noon, then action must be taken on the very next day. At some critical cases, it may happen to attend the problem on the same day whatever may be the reporting time.
- 24 The quantities mentioned in the tender documents are indicative one. The actual execution may be done as under:
  - a. The actual executed quantity for a particular jobs may be very low (may be zero sometimes) or very high compared to the quantity stated in the BOQ.

b. However, WBEIDCL will ensure that the executed value is approximately nearer to the work order value altering the quantities & items within the tender.

25. The job duration is up to 31.03.2019 or till the contractor achieves the work order value, whichever is earlier.

**26. The contractor should note that his workers must wear personal protective equipments (PPEs) such as safety helmet, safety goggles, hand gloves, safety shoes/ gum boots while performing a job. No workers will be allowed to work at site if found compromising with safety norms.**

*N.B.* **This project is an important project. This work has to be completed positively within stipulated time from the date of placement of LOI / work order. The selected Contractor has to make necessary provision for manpower, materials, machinery to complete the work as per schedule on round the clock basis without keeping provision for any holiday.**

### BOQ for Maintenance works (miscellaneous items) at STP II

| Sl No | Description of item   | UOM  | Qty. | Rate | Amount |
|-------|---|------|------|------|--------|
| 1     | Removal of rubbish,earth, dismantled toilet fixtures etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge  | cum  | 10   |      |        |
| 2     | Supplying Godrej Hydraulic door closer fitted and fixed complete.<br>Heavy type   | Each | 10   |      |        |
| 3     | Supplying Door stopper (Anodised aluminium) fitted an fixed complete  | Each | 10   |      |        |
| 4     | Supplying Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws   |      |      |      |        |
| a     | 100mm long x 10mm dia. Bolt   | Each | 5    |      |        |
| b     | 150mm long x 10mm dia. Bolt   | Each | 5    |      |        |
| c     | 200mm long x 10mm dia. Bolt   | Each | 5    |      |        |
| d     | 300mm long x 10mm dia. Bolt   | each | 5    |      |        |
| 5     | Supplying anodised aluminium Aldrop / Sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed complete.   |      |      |      |        |
| a     | 250mm x 16mm dia bolt   | Each | 3    |      |        |
| b     | 250mm x 19mm dia. Bolt  | each | 3    |      |        |
| c     | 300mm x 16mm dia. Bolt  | Each | 3    |      |        |
| d     | 300mm x 19mm dia. Bolt  | each | 3    |      |        |
| 6     | Supply, fitting fixing Godrej type hydraulic (oil check) floor door spring, heavy duty double action with brass shoe, brass top centre aluminium top cover etc. complete set as per direction of Engineer-in-charge   | set  | 10   |      |        |
| 7     | Supplying 6 levers 'Godrej' Crystal Satine Mortice Lock with keys including fitting & fixing complete.  | Each | 5    |      |        |
| 8     | Taking out shutter of aluminium glass door, dismantling by parts (for repair or replacement of damaged parts), reassembling and refitting and rehanging same with old fittings but with new screws as necessary   | Sqm  | 100  |      |        |
| 9     | Supplying and affixing opaque polyester sun control window film having acrylic pressure sensitive adhesive on one side & an acrylic abrasion resistant coating on the other, with composition of infrared absorbing carbon & free from any optical defect. The film characteristics should conform to ASTM E308, ASTM E903, ASTM E84 and ASHIRAE. The film should be pasted after preparatory works without any cracking, delamination, | Sqm  | 15   |      |        |

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|    | bubbling, discolouring and variation in total transmission of light across the width at any portion along the length doesn't exceed 2% over the average including scaffolding, removing damaged film & relevant others complete in all respect as per manufacturer's specification & direction of Engineer -in-Charge.<br>(Note: This work should not be executed without specific permission of Superintending Engineer)<br>Normal Quality : Film Thickness - 1.0 Mil, Glare Reduction > 45%, U factor < 1.1 |       |     |  |  |
| 10 | Supplying and applying Weather Silicone sealant of approved make and brand for fixing of groove line between the Glasses as per direction of Engineer-in-charge. for Structural Glazing/Curtain wall inclusive of proper cleaning the gaps<br>Weather Silicone sealant for filling the Groove line between Glasses or any other material for facial work, complete with all material, labour and tools and tackles.   | Metre | 25  |  |  |
| 11 | Repairs to floor spring including removal and rehang of shutters, replacement of damaged main spring, oiling and adjusting as necessary including taking out and refitting the same   | Each  | 10  |  |  |
| 12 | Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick)<br>at all floors   | Sqm   | 100 |  |  |
| 13 | Removing old scales, blisters etc. of interior surface of walls, ceiling by scraping etc. and preparing smooth and even surface with rendering or cement mortar (1:2) (as necessary), to make the surface suitable for receiving putty/ paint etc. (Payment against this item will be made only when this has been done on the specific direction of the Engineer-in-charge).<br>at all floors  | Sqm   | 100 |  |  |
| 14 | Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) : (Two coats)<br>standard quality (Asian paints/ Berger) any shades  | Sqm   | 100 |  |  |
| 15 | Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary  |       |     |  |  |
| a  | On timber or plastered surface, Two coats (white in shade)  | Sqm   | 25  |  |  |
| b  | On timber or plastered surface, Two coats (with any shade except white)   | sqm   | 25  |  |  |
| c  | On steel or other metal surface, Two coats (white in shade)   | Sqm   | 25  |  |  |
| d  | On steel or other metal surface, Two coats (with any shade except white)  | Sqm   | 25  |  |  |
| 16 | Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC. (at all Floors)<br>Water based interior grade Acrylic Primer one coat   | Sqm   | 100 |  |  |
| 17 | Supply, cutting to required size and fixing bubble free float glass of approved make and brand conforming to IS: 2835-1987.   |       |     |  |  |

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|----|--|------|-----|--|--|
| a  | 4mm thick clear glass.   | Sqm  | 10  |  |  |
| b  | 5mm thick clear glass.   | Sqm  | 10  |  |  |
| 18 | Supply, fitting and fixing chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand)  | Each | 5   |  |  |
| 19 | CP 2-way bib Cock - 15 mm, supplied, fitted and fixed. (Code No.FLR-CHR-5041N & Model - FLORENTINE of JAQUAR or similar brand)   | Each | 5   |  |  |
| 20 | Supply, fitting and fixing Health Faucet with 1mtr Flexible Tube with Wall Hook(Equivalent to Code No.573 & Model - ALD-CHR-573 of Jaquar)   | Each | 5   |  |  |
| 21 | Stripping off worn out plaster and raking out joints of walls, celings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.  | Sqm  | 100 |  |  |
| 22 | Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (all floor)<br>With 1:4 cement mortar, 15 mm thick plaster  | Sqm  | 100 |  |  |
| 23 | Easing of aluminium sliding windows complete including all necessary jobs, such as taking out the panels, cleaning of the tracks, changing the PVC rollers, fitting new EPDM gasket, cleaning of the glass and refixing the panel in position with other adjustments as necessary etc with all material, labour, tools and tackles and as directed by EIC.   | Sqm  | 50  |  |  |
| 24 | Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.<br>Pakur Variety aggregate  | Cum  | 5   |  |  |
| 25 | Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)<br>25 mm to 30 mm shuttering without staging   | Sqm  | 10  |  |  |
| 26 | Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or stright and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hosting etc, complete in all respect. (only the area in contact with concrete to be measured)   | Sqm  | 20  |  |  |
| 27 | Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction.<br>Tor Steel, Make: SAIL/ TATA/RINL<br>For works in foundation and upto roof of ground floor/upto 4 m | MT   | 0.1 |  |  |
| 28 | Supply, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete including removal of old fitting, fixing new one with all accessories and as directed by EIC   | Each | 10  |  |  |
| 29 | Supply, fitting & fixing 1st quality Ceramic tiles in walls to   | Sqm  | 10  |  |  |

|    |  |      |    |  |  |
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|    | match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.<br>With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. |      |    |  |  |
| 30 | Supply, fitting and fixing bevelled edged frameless mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges complete including removal of old mirrors and with all necessary tools, tackles and accessories and as directed by EIC<br>600 mm X 450 mm   | Each | 4  |  |  |
| 31 | Supply, fitting and fixing Fibre glass liquid soap container   | Each | 12 |  |  |
| 32 | Supply, fitting and fixing C.I. round grating 100 mm dia   | Each | 8  |  |  |
| 33 | Supply, fitting and fixing C.I. square jalli. 100 mm   | Each | 8  |  |  |
| 34 | Supply of unskilled labour for miscellaneous maintenance jobs as directed<br>A normal working day shall consist of eight and half hours of work including interval for half an hour for rest   | Day  | 25 |  |  |
|    | <b>TOTAL=</b>  |      |    |  |  |

Total amount in words (inclusive of all taxes, duties and cess):