

Webel

WEST BENGAL ELECTRONICS INDUSTRY DEVELOPMENT
CORPORATION LIMITED.

TENDER DOCUMENT

Misc repairing works at Gr. Floor & 1st floor toilets in SDF Building.

Price Rs.200.00

Webel

WEST BENGAL ELECTRONICS INDUSTRY
DEVELOPMENT CORPORATION LIMITED

NIT No.: EC:07 / SDF / Misc Toilet / 2018-19 / 045

dt. 16.01.2019.

Sealed Tenders are invited from reputed contractors for the following:

- Name of Work : **Misc repairing works at Gr. Floor & 1st floor toilets in SDF Building.**
- Estimated Cost : **Rs. 4.48 Lac (approx.)**
- Time allowed for completion : 40 (Forty) days from the date of issue of Work Order.
- 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. **The same has to be submitted before opening of cover-I of the Tender on scheduled date.**
- Earnest Money Deposit : Rs. 3000/- (Three Thousand only).
- Eligibility of the Contractor** :
1. Contractor should have valid P.F, ESI, PAN, GSTIN registration (mandatory) & Income tax return, Trade license.
 2. Contractor should have credential with proper completion certificate in client's letterhead / Work Order with BOQ of executing similar civil repairing / maintenance works within any office / commercial / industrial building premises / residential complex in **a single job, of minimum value Rs. 3.58 Lakh** or **two projects with each of value minimum Rs. 2.24 Lakh**, under Govt., Semi-Govt., PSU or reputed private companies during last 5 years.

- Last date and time of receipt of tenders : Up to 3.00 P.M on **30/01/2019**.
- 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 onwards on **30/01/2019**.
- Place of opening tenders : At the above mentioned venue of tender submission.
- Defects 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: Tender 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 Sealed tender will be opened **on 30/01/2019 from 3.30 P.M onwards** 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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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 should be completed within 40 days 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 on 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 has to carry out the job maintaining all the safety norms. The contractor has to provide following personal protective equipment (PPE) as per the requirement of jobs:
 1. Safety Helmet.
 2. Safety goggles.

Moreover the contractor is solely responsible for any injury occurred during the progress of work. The contractor is to be competent enough either to provide the initial medical support for the injured person or to admit to the nearest hospital if required.

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, 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.
 9. 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 there-after at any time to the CONTRACTOR. The CONTRACTOR shall pay to the OWNER on demand any balance remaining due.
 10. 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.
 11. 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.
 12. 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 CONTRACTOR 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 VAT/ Service Tax / Sales Tax/Turnover Tax, 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 equipment's, 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 by 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. The job stated above, is to be done in coordination with the Electrical agency. The frame work of the False Ceiling is made of wood & the Power cables / Lan Cables / BSNL wires / Fire alarms are directly rest on wooden frame. As per the site requirements, the following sequences needs to be followed during execution:-~~

- ~~a. Firstly the electrical contractor will remove the existing lighting fixtures & fire sensors from the false ceiling.~~
- ~~b. Then false ceiling contractor will remove the boards / tiles without hampering the frame work.~~
- ~~e. The electrical contractor will remove the entire cables / wires. Arrange the necessary cable trays work & rest the cable on cable tray.~~
- ~~d. The false ceiling contractor will dismantle the frame work, prepare the new frame & fix the false ceiling tiles.~~
- ~~e. The electrical contractor will fix the lighting fixture, fire sensors etc.~~
- ~~f. Finally the false ceiling contractor will align the false ceiling.~~

~~24. Removal of False ceiling tiles & frame work will be done only on weekends i.e., (Saturday & Sunday).~~

25. The selected contractor has to submit a work completion schedule within 07 days from issue of work order.

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.

Misc repairing works at Gr. Floor & 1st floor toilets in SDF Building.

Sl. No.	Description of Items	Unit	Qty	Rate	Amount
1.	Supplying, fitting and fixing pillar cock of approved make. CP Pillar Cock - 15 mm. (Code No. 5011N & Model - FLORENTINE of JAQUAR) & removal of the old one.	Nos	25		
2.	Supply, fitting & fixing of Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053N & Model - Florentine of Jaquar) & removal of the old one.	Nos	30		
3.	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. Plastic made. Color - White or ivory or matching with the existing WC or as directed the Engineer of WBEIDCL.	Nos	50		
4.	Supplying, fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. 600 mm long.	Nos	10		
5.	Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps. 900 mm long. (The rate is inclusive of dismantling / taking out of the existing one)	Nos	10		
6.	Supply, fitting & fixing of Hand shower (Health Faucet) with 1mtr Flexible Tube with Wall Hook (Equivalent to Code No.583 & Model -ALLIED of Jaquar). The rate is inclusive of CP 2-way bib Cock - 15 mm, supplied, fitted and fixed, (Code No. CON-041KN & Model - FLORENTINE of JAQUAR) & removal of old used bib cock.	Nos	7		
7.	Supply, fitting & fixing of Hand shower (Health Faucet) with 1mtr Flexible Tube & Wall Hook (Equivalent to Code No.583 & Model -ALLIED of Jaquar) in 2-way bib cock & removal of old used bib cock. Only 2-way bib cock will be supplied by WBEIDCL. The contractor has also consider the labour charge to fix the 2-way bib cock & removal of the old bib cock.	Nos	9		
8.	Supplying, fitting and fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS-15778: 2007 . with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbow, nipple, long screw, reducing socket, reducing tee, short piece etc fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials.). For Exposed Work. CPVC Pipes Class-1, SDR-11. 25 mm.	meter	30		
9.	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones	Sqm	15		

	(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. Floor. With Sand Cement Mortar (1:4) 20 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. The color, texture, size & design will be decided by engineer of WBEIDCL. Approved brand kajaria, nitco, somany, Johnson or any other brand as approved by WBEIDCL. The contractor has to consider that the tiling works should be matched (line, level, dimensions etc) with the adjacent existing tiles. The rate is inclusive of carefully dismantling of existing damaged tiles, if required & disposal of the same beyond the WBEIDCL 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.				
10.	Supplying, fitting & fixing Aluminium domical grating. 125 mm.	Nos	10		
11.	Supplying, fitting and fixing beveled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. 600 mm X 450 mm.	Nos	10		
12.	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		
13	Providing and fixing of false ceiling with powder coated exposed G.I. grid suspension system (E-Grid T 2430 or equivalent load carrying capacity with mid span deflection not exceeding 1/360 span with hanger spacing of 1200mm c/c) consisting of Main Runner 3600 mm long, Cross Tee 1200 mm / 600 mm long and Wall Angle. The Wall Angle shall be fixed on PVC Dash Fasteners on the perimeter of the wall by steel screws with distance 300mm c/c. The Main Runners to be placed @ 1200 mm. The Cross Tee 1200mm will be inserted in the pre-cut slots of Main Runner at regular interval of 600 mm to form a modular grid of 1200mm X 600mm. Additional Cross Tees of 600 mm shall be placed perpendicular to the Cross Tee 1200 mm long to finally form a grid of 600 mm X 600 mm. Grid of module size 600 mm X 600 mm shall be supported by 6 mm dia G.I. wire from purlins / soffit. 6 mm thick High Pressure Steam Cured Non Asbestos Fibre Cement Standard Ceiling Board (Density > 1300 Kg/m ³) of size 595 mm X 595 mm, conforming IS 14862 & Type B Category III of ISO 8336, tested as per AS-1530 part 3 & BS-476 Part 4,5,6,7 & 8, should be placed in the Grid module to form a False Ceiling. All complete as per the drawing &	Sqm	105		

	directions of Engineer-in-charge. False Ceiling (with 6mm thick Fibre Cement Standard Ceiling Board and E-Grid T-2430).				
14.	Major repairing & refixing of False Ceiling with existing materials made of G.I. Frame structure & Gypsum Board tiles having stated specification. Structure: Pre-coated main Tees shall be suspended from RC slab soffit at 600 mm c/c with the help of soffit cleat, bullets, GI angles & GI wire of 6 mm dia (hanger rod). Fixing point : For suspending the metal grid should be @ 1220 mm c/c & 600 mm apart. Pre-coated cross Tee section snap fixed at 600 mm / 1200 mm to form 600 mm x 600 mm & 600 mm x 1200 mm grid respectively.	Sqm	50		
15.	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, removing old paint and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. One Coat. Water based interior grade Acrylic Primer. At any floor & any location.	Sqm	390		
16.	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty. (Two coats). Standard Quality. Brand ICI or Asian Paints or any other brand as approved by WBEIDCL. Color scheme will be decided by WBEIDCL.	Sqm	390		
17.	Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removal of rubbish from the working site and disposal of the same beyond the WBEIDCL 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.	Sqm	50		
18.	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. With 1:6 cement mortar & 20 mm thick plaster. The plastering is to be done with help of waterproofing agent (LW+ from dr. fixit recommended or any other equivalent product from reputed brand like Sika, Fosroc etc). Doses will be done as per the standard mentioned in the product literature.	Sqm	50		
19.	Rendering the Surface of walls and ceiling with WATER PROOF wall putty, compatible with acrylic paint of approved make & brand. (1.5 mm thick). At any floor & any location.	Sqm	50		
20.	Repairing of ceiling & beam surface with cement concrete (1:1.5:3) with graded stone chips 5.6 mm size with Latex, Rastop 100% & rastofil sika with hexagonal square mesh wire netting I.R.C. Fabric mesh or X.P.M. Fitted & fixed after tying the existing reinforcement on concrete without distributing the same & with proper scarping & cleaning the reinforcement & distributed concrete with wire brush etc. after applying a coat of	Sqm	150		

	wire netting I.R.C. or X.P.M. & cost of all handling & scaffolding complete as per direction of Engineer - in - charge. 25 mm to 60 mm thick. The rate is inclusive of carefully removal of false ceiling board & refix the same if required.				
21.	Supplying, fitting & fixing Cast iron soil pipe including bends, 'T', 'Y' & any other as required in the line conforming to I.S. 3989/ 2009 and I.S. 1729/2002 with bobbins, nails etc. including making holes in the wall, floor etc. and cutting trenches etc. in any floor through masonry concrete, if necessary, and mending good damages with necessary jointing materials and painting two coats to the exposed surface with approved paint complete. (Measurement will be made along the center line of the total pipe line in fitted condition including specials & removal of existing C.I. line). With valamoid joints including sealing with sand cement mortar (4:1) upto quarter depth. 100 mm dia. The contractor has to consider the rate to remove the old pipelines.	Meter	18		
22.	Supplying, fitting and fixing liquid soap container. Chromium plated.	Nos	17		
	Total amount				

Total amount in words: