

Webel

WEST BENGAL ELECTRONICS INDUSTRY DEVELOPMENT
CORPORATION LIMITED.

TENDER DOCUMENT

Miscellaneous civil maintenance works at Durgapur IT Park

Price Rs.500

NIT No.: EC/ 07/ Durgapur/ Civil maintenance/ 2021-22/ 006, dated. 22.07.2021

Sealed Tenders are invited from reputed contractors for the following:

Name of the work: Miscellaneous Civil maintenance works at Durgapur IT Park

Estimated Cost: ₹ 4.56 lakhs (approx.)

Time allowed for completion: Annual maintenance job. The job will be considered complete when the work order value gets exhausted.

Cost of tender documents: ₹ 500/- (**five hundred only**) per tender document in the form of demand draft/ pay order (non- refundable) in favour of **WBEIDC Limited. The same has to be submitted inside the envelope containing Cover I.**

Earnest Money Deposit: a) ₹ 2280/- (two thousand two hundred eighty only) for all bidders

b) ₹ 6840/- (six thousand eight hundred forty only) in addition to the above, applicable for the L1 bidder only (must be submitted before issuance of work order). EMD to be submitted in the form of demand draft/ pay order in favour of **WBEIDC Limited.**

Additional performance Security: The Additional Performance Security @10% of the tendered amount shall be obtained from the successful bidder /contractor if the accepted bid value is 80% or less of the estimate put to tender. The Additional Performance Security shall be submitted in the form of Bank Guarantee/ demand draft from any Scheduled Bank before issuance of the work order. If the bidder fails to submit the Additional Performance Security within 7 days from the date of issuance of Letter of Acceptance, his/her earnest money will be forfeited and other necessary action as per NIT like blacklisting of the contractor, etc. may be taken. The Bank Guarantee (BG) shall have to be valid to the end of the contract period and shall be renewed accordingly, if required. The BG shall be returned immediately on successful completion of the contract. If the contractor fails to complete the work successfully, the Additional Performance Security shall be forfeited at any time during the pendency of the contract period after serving proper notice to the contractor.

Eligibility criteria: a) Contractor should have valid Trade License, P.F & ESI registration details (Undertaking to be furnished in case not applicable)/ GST registration- regular type (mandatory), PAN No.

b) The prospective bidders shall have satisfactorily completed AS A PRIME AGENCY(NOT as member of joint venture or sub-contractor) during the last 5(five) years prior to the date of issue of this NIT at least one work of similar nature under the authority of State/Central Gov. State/Central Gov. undertaking, Statutory/Autonomous Bodies constituted under the statute of the Central / State Government/Reputed private organization and having a magnitude minimum of 40(Forty) percent (30% in case of 2nd Call, 20% in case of 3rd Call) of the of the Estimated amount put to tender of intended job.

Or,

The prospective bidders shall have satisfactorily completed AS A PRIME AGENCY (NOT as a member of joint venture or sub-contractor) during the last 5 (five) years prior to the date of issue of this NIT at least two works of similar nature under the authority of State/Central Gov., State/Central Gov. undertaking, Statutory/Autonomous Bodies constituted under the statute of the Central / State Government/Reputed private organization and having a magnitude each of minimum value of 30 (Thirty) percent (25% in case of 2nd Call) of the Estimated amount put to tender of intended job.

Or,

The prospective bidders should produce credential AS A PRIME AGENCY (NOT as a member of joint venture or sub-contractor) at least one single running work of similar nature which has been completed to the extent of 80% or more (75% in case of 2nd Call, 70% in case of 3rd Call) and value of which is not less than the value of 40%, 30% in case of 2nd Call, 20% in case of 3rd Call) of the estimated amount put to tender of intended job under the authority of State/Central Gov., State/Central Gov. undertaking, Statutory/Autonomous Bodies constituted under the statute of the Central / State Government/Reputed private organization. In the credential certificate it should be clearly stated that the work is in progress satisfactorily & also that no penal action has been initiated against the executing agency.

Completion certificate/ work order supported by certified copy of bills/ bill plus bank statement (indicating the work has been completed) issued by the competent authority of a State/ Central Govt. body, State/ Central Govt. undertakings, Statutory/ Autonomous bodies constituted under the State/ central Statute or reputed Private Companies on the executed value of completed/ running works will be considered as credential. The bidder should have executed the work under the scope of relevant tender with an agreement directly with the employer as stated above.

In case of running works, only those tenderers/ bidders who will submit the certificate of satisfactory running work from the concerned competent authority will be eligible for the tender. In the required certificate it should be clearly stated that the work is in progress satisfactorily and no penal action has been initiated against the executing agency, i.e, the tenderer/ bidder.

Last date and time of receipt of tenders: Up to 3.00 P.M on **12/08/2021**

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 **12/08/2021**

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 (Price bid).

Tender will have to be submitted in one part only in single envelope, 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.**

Tender will be opened on **12/08/2021** 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 at any point of time without assigning any reason what so ever.

Submission of Bid:

1. Tender shall be submitted along with Tender Fee, Earnest Money Deposit and other requisite documents in sealed envelope as cover-I & cover-II super scribed thereon the name of the work.
2. All pages of original Tender document and schedule of quantities should be signed with official seal.
3. Covering letter and other detail documents should form part of the offer.

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 job will be considered complete when the work order value gets exhausted.
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 it is justified. 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 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 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. Income Tax deduction will be made at source as per laid down rules of Ministry of Finance.
7. The Contractor shall have to comply with the provisions of all Labour Rules, Wages Act and 1948 Worker's Compensation Act, whichever is applicable.
8. The Contractor shall have to provide everything necessary for proper execution of the work including labour, tools & tackles and stores etc.
9. 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.
10. The payment of bill will be made on actual measurement basis against R/A bills and/ or 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.
11. **3% 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.**
12. No materials will be supplied by the Corporation whichever is needed for execution of the job.

13. The Contractor shall make their own arrangement for storage space and godown for their materials, tools & tackles, Plant & Machinery etc.
14. The Contractor shall not, without the written consent and approval of the Corporation, sublet any portion of the work.
15. Rates of all items should be inclusive of supply of materials, labour charges, hire charges of tools & tackles, scaffolding, plant & machinery, all taxes and duties etc. In case of only labour involved items, supply of material will not be included.
16. Should the contractor fail to complete the job within the stipulated time as specified in the tender within one extension of time, if permitted, 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.
17. No other terms and conditions are acceptable from their end if not stipulated in the work order or accepted.
18. No claim for idle labour would be entertained under any circumstances.
- ~~19. Wherever applicable, the contractor have to submit detailed completion drawing showing the works completed in all respect with the final bill. Such drawings shall consist of one original and copies of the same as per the instructions of the Engineer-In-Charge. Unless such drawings are furnished and approved, payment for final bill will not be processed.~~

Special Terms & Conditions

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 considered 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. 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 agencies must pay Earnest Money of requisite amount (ref page 2 of this tender document) 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.
 - d) The earnest money of the unsuccessful bidders will be returned after issuance of work order to the L1 bidder.
7. The successful tenderer shall be issued LOI / LOA/ work order. The duplicate copy of the same 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.
8. The work covered by this CONTRACT shall be commenced within 10 days after the receipt of the LETTER OF ACCEPTANCE OF TENDER/ WORK ORDER 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 the 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, GST, 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/ 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 of rates.
16. All the tests either on the field or at outside laboratories as required 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 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, 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. 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.
20. **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.**
21. **The contractor has to execute the job as per clients' priority and as instructed by Engineer in Charge.**
22. **The contractor should ensure that his workers must wear personal protective equipment (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.**
23. **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.**
24. **The vendor should not expect that the entire job will be executed in a single flow, rather the job will be executed throughout the year.**
25. **Some of the items mentioned in this BOQ may not be executed & some of the items may be executed in excess of bill of quantities.**
26. **Whatever may the quantum of the job on each time, the vendor are not authorized to decline or delay any job.**
27. **The contract will be closed if the bill value reaches the work order value whatever may be the duration.**

BOQ for Supply miscellaneous civil maintenance works at Durgapur IT Park

Sl No.	Description	UOM	Qty.	Rate (inclusive of GST and labour cess)	Amount
1	Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing of rubbish 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.	Sqm	100		
2	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing of rubbish 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	3		
3	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing of rubbish 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	3		
4	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and any, in ground floor as per relevant IS codes.reinforcement,if any, in ground floor as per relevant IS codes. A.) Pakur Variety	Cum	7		
5	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 (All floors). Above 30 mm & upto 37 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.	Sqm	15		
6	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. Including supply of rods,initial streaighting & removal of loose rust (if necessary) cutting to requisite length, hooking & bending to correct shape, placing in proper position & binding with 16 gauge black annealed wire at every inter-section, welding	MT	0.2		

	(if necessary) complete as per drawing & direction of Engineer - in - charge. (Tor steel (IS: 1786 - 1979) Grade Fe 415) (All floors). SAIL/ TATA/RINL.				
7	Brick work with 1st class bricks in cement mortar (1:6). All floors & all types of structures. (All floors).	Cum	3		
8	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor. (All floors)	Sqm	15		
9	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to 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.				
9.1	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. Area of each tile upto 0.09 Sq.m, coloured decorative (Johnson/ Kajaria), at all floors	Sqm	10		
9.2	Wall 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. Area of each tile above 0.09 Sq.m, coloured decorative (Johnson/ Kajaria), at all floors	Sqm	10		
10	18 mm. to 22 mm. thick, kota stone slab set in 20 mm thick (avg) cement mortar (1:4) in floor, stair & lobby including pointing in cement slurry with admixture of pigment matching the stone shade, including grinding & polishing as per direction of Engineer - in - charge to match with the existing work. [Slurry for bedding @ 4.4 kg/Sq.m and pointing @2.0 kg/Sq.m]. The rate is inclusive for prefinished, grinding and premoulded Nosing to treads of steps, railing, window sill etc. of Kota Stone. (Fixing may be done on floor, skirting, riser, tread etc.)(Any size as decided by the WBEIDC Engineer.) (All floors)	Sqm	4		
11	Godrej Hydraulic door closer fitted and fixed complete. Heavy type (I.S.I. size 3). (The rate is inclusive of dismantling / taking out of the existing one)	Each	5		
12	Anodised aluminium Aldrop / Sliding bolt of approved quality manufactured from extruded	each	2		

	section conforming to I.S: specification (I.S: 2681/66) fitted and fixed with cadmiim plated screws. 250mm x 16mm dia bolt. (The rate is inclusive of dismantling / taking out of the existing one).				
13	Anodised aluminium Aldrop / Sliding bolt of approved quality manufactured from extruded section conforming to I.S: specification (I.S: 2681/66) fitted and fixed with cadmiim plated screws. 250mm x 19mm dia bolt. (The rate is inclusive of dismantling / taking out of the existing one).	Each	2		
14	Anodised aluminium Aldrop / Sliding bolt of approved quality manufactured from extruded section conforming to I.S: specification (I.S: 2681/66) fitted and fixed with cadmiim plated screws. 300mm x 16mm dia bolt. (The rate is inclusive of dismantling / taking out of the existing one).	Each	2		
15	Anodised aluminium Aldrop / Sliding bolt of approved quality manufactured from extruded section conforming to I.S: specification (I.S: 2681/66) fitted and fixed with cadmiim plated screws. 300mm x 19mm dia bolt. (The rate is inclusive of dismantling / taking out of the existing one).	Each	2		
16	Anodised aliminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete: 150 mm grip x 12 mm dia rod. (The rate is inclusive of dismantling / taking out of the existing one)	Each	2		
17	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	80		
18	Supplying & fixing bubble free float glass of approved make and brand conforming to IS: 2835-1987. 5 mm thick clear glass. (The rate is inclusive of removing of the old / broken glass)	sqm	15		
19	Supplying & fixing bubble free float glass of approved make and brand conforming to IS: 2835-1987. 4 mm thick clear glass. (The rate is inclusive of removing of the old / broken glass)	Sqm	15		
20	Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Annodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composit door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed /				

	certified make and brand as per direction of Engineer - InCharge. (Payment will be made on finished length of the work). Movable door shutter.				
20.1	i) Door frame. (Top & sides)	Metre	10		
20.2	ii) Shutter				
20.2.1	Top rail	Metre	10		
20.2.2	Bottom rail	Metre	10		
20.2.3	Lock rail	Metre	10		
20.2.4	Door vertical	Metre	10		
20.2.5	Glazing clip	Metre	25		
21	Supplying 'Godrej' mortice lock chromium plated with keys 6 levers including fitting & fixing complete. (The rate is inclusive of dismantling / taking out of the existing one)	Each	4		
22	Supply, fitting & fixing of Door stopper.(Brass). (The rate is inclusive of dismantling / taking out of the existing one)	Each	5		
23	Taking out door and window shutters and rehangng the same with old fittings. With new iron screws.	Sqm	5		
24	Chromium plated angular Stop Cock with wall flange fitted and fixed complete (code no FUS 29053 of Jaquar).	Each	5		
25	CP 2-way bib Cock - 15 mm, supplied, fitted and fixed. (Code No.FUS 29041 of Jaquar). (The rate is inclusive of dismantling / taking out of the existing one)	Each	5		
26	Supplying, fitting and fixing pillar cock of approved make. CP Pillar Cock - 15 mm. (Code No.CON-123BKN of Jaquar). (The rate is inclusive of dismantling / taking out of the existing one)	Each	2		
27	Closed seat of approved make with lid & C.P. Hinges, rubber buffer & brass screws supplied, fitted & fixed complete. Plastic (hollow type) Black or white or color matched with the WC. (The rate is inclusive of dismantling / taking out of the existing one)	Each	5		
28	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	2		
29	Supplying, fitting and fixing Flat back urinal in vitreous chinaware of approved make in position with brass screws on 75 mm X 75 mm X 75 mm wooden blocks complete. 635 mm X 395 mm X 420 mm. (CERA, Ivory in colour, Model: Capriana, cat no: S4020112))	Each	1		
30	Supplying, fitting and fixing 10 litre P.V.C.	Each	1		

	low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to bracket etc.. (CERA, Ivory in colour, model: CHIVAS, cat no B1010104))				
31	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc. ('P' or 'S' trap). (The rate is inclusive of dismantling / taking out of the existing one) (CERA, CONVENTIONAL Ivory in colour)	Each	1		
32	Supplying, fitting and fixing bevelled 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. (The rate is inclusive of dismantling / taking out of the existing one)	Each	2		
33	Plaster (to wall, floor, ceiling etc.) with sand & cement mortar incl. Rounding off or chamfering corners as directed & raking out joints or roughening, nosing & drip course where necessary to all floors. With 1:6 cement sand mortar. 15 mm thick plaster.	Sqm	30		
34	Supplying, fitting fixing Godrej 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. (The rate is inclusive of dismantling / taking out of the existing one)	Each set	6		
35	Supplying, fitting & fixing concealed type heavy duty PVC headed aluminium tower bolt for double leaf doors as per approved make and brand as per direction of Engineer-in-Charge. 300 mm long. (The rate is inclusive of dismantling / taking out of the existing one)	Each	6		
36	Supplying, fitting & fixing concealed type heavy duty PVC headed aluminium tower bolt for double leaf doors as per approved make and brand as per direction of Engineer-in-Charge. 200 mm long. (The rate is inclusive of dismantling / taking out of the existing one)	Each	6		
37	Applying interior grade Acrylic primer & Acrylic Emulsion paint, including putty, of approved quality & brand on plaster or concrete surface old or new surface including scraping & preparing the surface thoroughly, complete as per manufacturer's specification & as per direction of EIC. (Solvent based interior grade Acrylic Primer & Paint is Luxury Quality). (One coat of primer + Two coats of paint). (ICI / Asian Paint or any other brand as approved by WBEIDCL).	Sqm	70		
38	Supply fitting and fixing U.P.V.C. pipes for above ground work (soil/ wastewater line) including cost of jointing materials etc. fitting				

	and fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary and mending good all damages including the cost of masonry or concrete work, if necessary and cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge. (Payment will be made on centre line measurement of the total pipeline including specials. UPVC pipes (B Type) (dismantling of old C. I. fittings and disposal included) & fittings conforming to IS-13592-1992, (Make: Supreme)				
38.1	110 mm dia	Metre	50		
38.2	160 mm dia	Metre	50		
39	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. & Painting 2 coats of any shades (as decided by the WBEIDCL Engineer) on steel & metal surface 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. (ICI / Asian Paint or any other brand as approved by WBEIDCL).	Sqm	40		
40	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.				
40.1	600 mm long	Each	3		
40.2	900 mm long	Each	3		
41	Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps.				
41.1	600 mm long	Each	3		
41.2	750 mm long	Each	3		
41.3	900 mm long	Each	3		
41.4	1050 mm long	Each	3		
42	Anti-termite treatment to the junction of wood work and masonry walls with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight including spraying at the points of contact with the adjoining masonry by drilling 6m. dia holes at a downward angle of about 45 degree at the junction of woodwork and masonry and squirting chemical emulsion into these holes at the rate of half litre per hole. The entire work is to be carried out as per specification of Code I.S.-	Sqm	150		

	6313 (Part-III)-1981. The shutters are to be sprayed with emulsion. on both sides. All wooden fixtures like almirahs, racks etc. are also to be thoroughly sprayed with chemical emulsion. (Payment will be made on the basis of outside measurements of doors and windows)				
43	Anti-termite treatment to the outside of foundation with chemical emulsion by admixing chloropyrofos emulsifiable concentrate (1% concentration) with water by weight, drilling 12mm. dia holes in concrete or masonry apron at an interval of 300mm. to a depth, of 300mm or more as close to the plinth wall as possible and the chemical emulsion pumped into those holes to soak the soil below at a rate of 2.25 litres per linear metre complete as per specification laid down in para 4.3.1.1 of Code I.S.-6313 (Part-III)-1981. (The holes to be packed with putty afer completion of job)	Metre	150		
44	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint 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 accesories, specials. Payment for painting will be made seperately). (For Exposed Work - 25 mm dia. medium quality)	Metre	10		
45	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint 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 accesories, specials. Payment for painting will be made seperately). (For Exposed Work - 32 mm dia. medium quality)	Metre	5		
46	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories,	Metre	5		

	specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint 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. Payment for painting will be made separately). (For Exposed Work - 40 mm dia. medium quality)				
47	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint 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. Payment for painting will be made separately). (For Exposed Work - 65 mm dia. medium quality)	Metre	5		
48	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint 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. Payment for painting will be made separately). (For Exposed Work - 80 mm dia. medium quality)	Metre	5		
49	Labour for dismantling G.I. pipe with fittings. 25 mm	Metre	10		
50	Labour for dismantling G.I. pipe with fittings. 32 mm	Metre	10		
51	Labour for dismantling G.I. pipe with fittings. 40 mm	Metre	5		
52	Labour for dismantling G.I. pipe with fittings. 65 mm	Metre	5		
53	Labour for dismantling G.I. pipe with fittings.	Metre	10		

	80 mm				
54	Refixing G.I. pipe with fittings after cleaning where necessary. 25 mm	Metre	10		
55	Refixing G.I. pipe with fittings after cleaning where necessary. 32 mm	Metre	10		
56	Refixing G.I. pipe with fittings after cleaning where necessary. 40 mm	Metre	10		
57	Refixing G.I. pipe with fittings after cleaning where necessary. 65 mm	Metre	20		
58	Refixing G.I. pipe with fittings after cleaning where necessary. 80 mm	Metre	20		
59	Supplying, fitting & fixing Aluminium domical grating. 100 mm. (The rate is inclusive of dismantling / taking out of the existing one)	Each	5		
60	Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only). 80 mm. (The rate is inclusive of dismantling / taking out of the existing one)	Each	1		
61	Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only). 65 mm. (The rate is inclusive of dismantling / taking out of the existing one)	Each	1		
62	Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only). 40 mm. (The rate is inclusive of dismantling / taking out of the existing one)	Each	1		
63	Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only). 32 mm. (The rate is inclusive of dismantling / taking out of the existing one)	Each	1		
64	Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only). 25 mm. (The rate is inclusive of dismantling / taking out of the existing one)	Each	1		
65	Dismantling vitrified tiles, ceramic tiles, marble, kota stone, granite from floor / dado / skirting upto 50 mm thick by carefully chiselling without damaging thick by carefully chiselling without damaging the base and removing rubbish as directed within a lead of 75 m. (At any floor, at any height)	Sqm	40		
66	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		
67	Repairs to floor spring including removal and	Nos	10		

	rehangng of shutters, replacement of damaged main spring, oiling and adjusting as necessary including taking out and refitting the same.				
68	Rendering the Surface of walls and ceiling with White WATER PROOF wall putty, compatible with acrylic emulsion paint, of approved make & brand. (1.5 mm thick) at all floors.	Sqm	50		
69	Supplying, fitting and fixing of liquid soap dispenser with glass bottle. Make jaquar. Product code ACN-CHR-1173N.	Nos	6		
70	Supply, fitting & fixing of maruti lock (100 mm).	Nos	6		
71	Supplying, fitting and fixing of Godrej Multi Lock or equivalent.	Nos	6		
72	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbow, nipple, longscREW, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint 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 accesories, specials. Payment for painting will be made seperately). For Concealed Work. 15 mm dia. medium quality.	Metre	5		
73	Scraping the hard scum/ chokage of 'S/ P/ Q' trap carefully to render the flushing flow easy after soaking with strong acid through W.C. pan on floor and also cleaning through flanged junction door underneath the ceiling including necessary scaffolding and resetting the flanged door watertight by putty/ cement joints by methor labour.	Each	20		
74	Cleaning and disinfecting above 2000 litre Water Tank including masonry reservoir.	Cum	50		
75	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	sqm	20		

	<p>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/m3) 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 & directions of Engineer-in-charge. All floors.</p> <p>False Ceiling (with 6mm thick Fibre Cement Standard Ceiling Board and E-Grid T-2430)</p> <p>In place of damaged ceiling including removal of the same.</p>				
76	<p>False Ceiling with concealed metal (G.I.) Framework :Providing and fixing in position 6 mm. thick High Pressure Steam cured non-asbestos Fiber Cement Ceiling Board (Density > 1250 Kg/M3) Confirming IS 14862 & Type - B Category - III of ISO 8336, Tested as per AS-1530 Part - 3 & BS-476 Part 4,5,6,7 & 8 fixed to G.I. Section (perimeter channels having one flange of 20 mm. and another flange of 30 mm. with thickness of 0.55 mm. and web of length 27 mm., along the perimeter of the ceiling, screws fixed to the wall with help of nylon sleeves or PVC dash fastners @ 610 mm c/c. then suspend G.I. intermediate 'C' section with web 45 mm. and flanges of 15 mm. each from soffit @ 1200 mm c/c with ceiling angle of size 25 mm. X 10 mm. X 0.55 mm. fixed to soffit G.I. Cleat and Steel expansion fasteners. Ceiling section of 0.55 mm. thickness having web of 51.5 mm. and two flanges of 26 mm. each with lips of 10.55 mm., are then fixed on to the intermediate channel with the help of connecting clips in the direction perpendicular to the intermediate channel @ 610 mm c/c) with fully threaded fiber cement screws @ 300 mm c/c. All complete as per the drawing and direction of Engineer-in-Charge. Jointing should be done by Elasto jointing compound and top finish with putty as specified by manufacturer.</p> <p>Section specification :Perimeter Channel 30 mm X 20 mm X 27 mm, thickness 0.55 mm (min). Intermediate Channel :- 15 mm X 45 mm, thickness 0.90 mm (min). Ceiling Section:51.5 mm X 26 mm X 10.55 mm, thickness 0.55 mm (min). Ceiling Angle:25 mm X 10 mm, thickness 0.55 mm (min). At</p>	Sqm	20		

	all floors False Ceiling (with 6mm thick Fibre Cement Standard Ceiling Board and E-Grid T-2430).				
77	<p>Supplying, fitting and fixing of false ceiling framework with powder coated exposed G.I. grid suspension system (E-Grid T 2430/1510 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. all complete as per drawing & directions of Engineer-in-charge.</p> <p>At all floors The rate is inclusive of placing departmental ceiling tiles in the framework and dismantling the damaged framework.</p>	Sqm	40		
78	<p>Supplying, fitting and fixing of false ceiling framework with powder coated exposed G.I. grid suspension system (E-Grid U-1520 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 a 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 all complete as per the drawing & directions of Engineer-in-charge.</p> <p>At all floors The rate is inclusive of placing departmental ceiling tiles in the framework and dismantling the damaged framework.</p>	Sqm	40		

79	Supply, fitting and fixing stainless steel functional hinge for casement window as per approved brand as directed by Engineer- in - charge. (Natural White) 300 mm	Each	20		
80	Supplying Weather Silicone sealant of approved make and brand for fixing of groove line between the Glasses as per direction of Engineer-incharge. for Structural Glazing/Curtain wall. Weather Silicone sealant for filling the Groove line between Glasses or any other material for facial work at all floors and all locations and suitable hanging/ scaffolding arrangement complete	Metre	50		
A.	Total amount including applicable GST & labour welfare cess=				