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WEST BENGAL ELECTRONICS INDUSTRY DEVELOPMENT
CORPORATION LIMITED.

TENDER DOCUMENT

Civil maintenance works & installation of new water supply line at Barjora IT
Park

NIT No. : EC/07/Barjora/ Civil maintenance & installation of new water supply line /2022-23/065, dated 09.03.2023

Name of the work: Civil maintenance works & installation of new water supply line at Barjora IT Park

Estimated Cost: ₹ 6.55 lakhs (approx.)

Time allowed for completion: 60 (sixty) days.

Two Bid System:

This NIT is a Two Bid Tender, i) Technical & ii) Financial, both to be submitted concurrently in the portal. The Bidders who will be technically pre-qualified in respect to Technical and Financial eligibility/capability criteria specified in the below mentioned subsequent clauses can only be permitted to participate in the Financial Bidding.

Tender documents:

In the event of e-Filing intending bidder may download the tender document from the website directly by the help of his Digital Signature Certificate & upload the same with other documents.

Cost of tender documents: Necessary cost of tender documents (tender fees-non-refundable) of **Rs. 500/- (Rupees five hundred only)** has to be remitted through Net banking or through RTGS /NEFT through the [https://wbtenders.gov.in //portal](https://wbtenders.gov.in//portal) as per G.O 3975-F(Y) dated 28th July, 2016 issued by Finance department Govt. of West Bengal.

Earnest Money Deposit: The bidder shall pay an EMD of **Rs. 13100/-(Rupees thirteen thousand one hundred only)** through Net banking or through RTGS /NEFT through the [https://wbtenders.gov.in //portal](https://wbtenders.gov.in//portal) as per G.O 3975-F(Y) dated 28th July, 2016 issued by Finance department Govt. of West Bengal.

Where an individual person holds a digital signature certificate in his own name duly issued to him by the company or the firm of which he happens to be a director or partner, such individual person, either belonging to and appropriate cadre officer of the company or an authorized partner of a firm, having a registered power of attorney empowered by the Board or by the firm, shall invariably upload a copy of Registered power of attorney showing clear authorization in his favour, to upload such tender. The power of attorney shall have to be registered in accordance with the provisions of the Registration Act, 1908.

Both Technical Bid and Financial Bid are to be submitted concurrently duly digitally signed in the website wbtenders.gov.in.

Tender documents may be downloaded from website and submission of Technical Bid and Financial Bid will be done as per Time Schedule stated in Page – 3 of this Tender Document.

The FINANCIAL OFFER of the prospective tenderer/Bidder will be considered only if the TECHNICAL BID of the tenderer is found qualified by the 'Tender Evaluation Committee' of WBEIDC. The decision of the 'Tender Evaluation Committee' will be final and absolute in this respect. The list of Qualified Bidders will be displayed in the website.

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 (interior decoration or sanitary-plumbing works) 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 (interior decoration or sanitary-plumbing works) 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 (interior decoration or sanitary-plumbing works) 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.

Date & Time Schedule

| Sl. No. | Particulars | Date & Time |
|----------------|--|------------------------|
| 1 | Date of uploading of N.I.T. & other Documents (online) (Publishing Date) | 16.03.2023 at 5:30 pm |
| 2 | Documents download/sale start date (Online) | 16.03.2023 at 6:00 pm |
| 3 | Documents download/sale end date (Online) | -- |
| 4 | Pre Bid Meeting (Online) | -- |
| 5 | Corrigendum, if any will be published (On Line) | |
| 6 | Bid submission start date (On line) | 17.03.2023 at 10:00 am |
| 7 | Last Date of submission of EMD (Online) and Tender Fee (Online) | 10.04.2023 at 5:00 pm |
| 8 | Bid Submission closing (On line) | 10.04.2023 at 5:00 pm |
| 9 | Bid opening date for Technical Proposals (Online) | 11.04.2023 at 3:00 pm |
| 10 | Date of uploading list for Technically Qualified Bidder (online) | -- |
| 11 | Date of uploading the final list of Technically Qualified Bidder (online) after disposal of appeals, if any. | -- |
| 12 | Date for opening of Financial Proposal (Online) | -- |

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).

Submission of Bid:

Price Bid as per format provided in the relevant section to be submitted in a separate envelope as mentioned in the tender document. Insertion of Price bid in Techno-Commercial proposal will summarily cancel the bid.

Amendment of Invitation

At any time 3 days prior to the deadline for submission of proposals, WBEIDCL reserves the right to add / modify / delete any portion of this document by issuance of a Corrigendum, which would be published on the website and will also be made available to all the Bidders who have been issued the tender document. The Corrigendum shall be binding on all bidders and will form part of the bid documents (Techno Commercial as well as Price Bid).

The Technical bid shall be opened first on due date and time as mentioned above. The time and date of opening of financial bid of the tenderers qualifying the technical bid shall be communicated to them at a later date.

The contractors should quote the rate in figures as well as in words. The amount for each item should be worked out and the requisite totals given.

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 has to be completed in 60 days from the issue date of the 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 it is justified. However, the finding of the corporation will be final and has to be abided by the Contractor.
3. The contractor has to submit a completion schedule as soon as they received the work order.
4. 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.
5. 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.
6. 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.
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 applicable.
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/ 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.
12. **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.**
13. No materials will be supplied by the Corporation whichever is 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. 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.
17. 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.
18. No other terms and conditions are acceptable from their end if not stipulated in the work order or accepted.
19. No claim for idle labour would be entertained under any circumstances.
20. ~~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.
 - e) This EMD amount will be refunded after certification of final bill from our end.
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 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. 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. 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.
25. The contractor has to competent enough to carry out the job on urgent basis, even on holiday, as per time frame mentioned in the above clauses. The response time is very much essential for this tender. The vendor should not expect to get any relaxation in the response time. Whereas, WBEIDCL has all the rights to provide relaxation in the response time to the vendor depending upon the nature of job.
26. Whatever may the quantum of the job on each time, the vendor are not authorized to decline or delay any job.
27. As the new features to be installed and connected to existing soil/ waste water network, utmost care to be taken so that the existing line is not damaged by anyway. If any damages occurred to the above, the contractor will be held liable and he/ she has to repair the same at his own cost and no claim towards the same will be admissible.
28. The contractor has to submit the 'Material Test Certificates' from the manufacture along with the supply of reinforcement, cement, pipes, aluminum section, admixtures, grouting chemicals etc.

29. For factory made ready to install fixtures, where brand or catalogue no is not mentioned in the BOQ, the contractor must adhere to the approved make list provided at the end of Special condition of contract. The contractor has to show different samples for such items from different brands as mentioned in the approved make list to get approval from WBEIDC officials before start of any work.
30. The contractor has to perform a 'Leak / Pressure Test' as per standard in the GI line irrespective of the diameter of the pipe.
31. However in any case the brand of any item is not mentioned in the "Make List", the vendor has to take prior approval from WBEIDCL, before installing the same.
32. The entire job should be executed in co-ordination with electrical contractor, site in charge of WBEIDCL & as per site instruction given time to time.

Approved make List

| SL. NO. | NAME OF MATERIALS | MAKE |
|---------|---|---|
| 1 | Cement (PSC/PPC/OPC) | Ultratech / Lafarge / ACC. |
| 2 | Ceramic Tiles | Kajaria / NITCO / Johnson / Somany |
| 3 | Vitrified Tiles | Kajaria / NITCO / Johnson / Somany |
| 4 | Flush Door | Green Ply / Century with ISI mark |
| 5 | Floor Hardening Compound | Ironite / Feronite |
| 6 | Water Proofing Compound | Pidilite, Sika, Fosroc, BASF |
| 7 | Aluminium Doors, Windows, Curtain Wall, Structural Glazing & ACP Fabricator | M/s SS Fabricators, M/s Nitson & Amitsu, M/s. Alutech, M/s. The Indu Enperprise |
| 8 | Window & Door Systems including Blinds & Accessories | Vista, Fenesta, Mac, Hunter Douglas |
| 9 | Aluminium Extruded Sections | Hindalco, Jindal, Century Extrusions Limited |
| 10 | Glass/Glazing | Saint Gobain Glass (I) Ltd, Ashai India Glass Ltd. |
| 11 | Hardware Fittings & Locks | Hettich, Hafele, Acme, Godrej, Dunex, Kich |
| 12 | Door Closures & Floor spring | Hafele, Hettich, Godrej |
| 13 | Water Proofing Treatment to Roof / Sunken Floor | SIKA / Pidilite / Fosroc |
| 14 | Water Proof Adhesive for Tile Fixing | Bal-Endura, Pidilite, Sika, MYK Laticrete |
| 15 | Wall & Ceiling Putty | JK, Berger, Asian Paints |

| SL. NO. | NAME OF MATERIALS | MAKE |
|---------|---|---|
| 16 | Exterior Grade Acrylic Emulsion Paint | Asian Paints, ICI, Berger |
| 17 | Synthetic Enamel Paints, Distemper, Plastic Emulsion Paint | Asian Paints, ICI, Berger |
| 18 | Ply Board & Laminates, MDF | Century, Greenply. |
| 19 | Ceiling Tiles | Armstrong, Gypstone, Lafarge-Boral Gypsum India P. Ltd.(La-gyp), Saint-Gobain Gyproc India Ltd.(India Gypsum Ltd.), Ramco Hilux Calcium Silicate Board & Tiles (Ramco Industries Ltd.), Gypstone Building Products P. Ltd., Aerolite Ceiling Systems, R. K. Ceilings pvt. Ltd., Everest Industries. |
| 20 | Sanitary Wares | 1st Class approved quality of Grohe / KOHLER / ROCA / Parryware / Hindware / CERA Brand of approved design. |
| 21 | EPWC seat with lid and CP hinges | ISI marked products of EMCO, Commander Brand |
| 22 | PVC low level Cistern with all internal fittings | Hindware / Parryware /Cera |
| 23 | Mirror | Modiguard / Saint Gobain float glass of approved quality |
| 24 | C P stop cock/bib cock/pillar cock/towel rail/towel rack/mixer/curtain rail, robe hook/bottle trap etc all types of CP fittings | ESSCO / Jaquar/ Marc of approved model |
| 25 | Valves (Gun Metal) | Valves having ISI mark |
| 26 | G I Pipes (Medium Quality/Heavy Quality) | TATA make with ISI marked |
| 27 | G I Fittings | `R' Brand or other approved brand and quality having ISI marked |
| 28 | S W Pipes and Fittings `AA" Grade | HIND's Products / Perfect Brand / Orind Brand |
| 29 | C P Flush Valve | `JAQUAR' or Equivalent as approved |
| 30 | CPVC / UPVC pipes | Astral / Supreme / Finolex / Orient |
| 31 | Floor Grating | Chilly or other approved brand and quality |
| 32 | Structural steel | TATA |