



MEDTECH SOCIETY
AMTZ Campus, Pragati Maidan, VM Steel project
S.O., Visakhapatnam
Andhra Pradesh - 530031

NOTICE INVITING TENDERS

Tenders from reputed and experienced firms are invited
through Advertise Tender Enquiry (Two-bid system)

1	Tender Number	MTS/ATE/2026/001
2	Description of work	Construction of Paralympic Technology Centre at AMTZ Campus, Visakhapatnam.
3	1st Pre bid Meeting	13th Feb 2026 at Pivot building, AMTZ Campus.
4	2nd Pre Bid Meeting	20th Feb 2026 at Pivot building, AMTZ Campus
5	Bidding type	Two-bid system followed by as indicated below. (a) Two bid system: Part-I (Techno-commercial Bid) Part-II (Price bid)
6	Due date and time for submission of bid	2nd March 2026, 3:00pm
7	Date and time of opening of technical bid	2nd March 2026, 3:30pm
8	Opening of Price bid	Price-bids of the technically qualified parties will be opened after the technical evaluation.
9	Tender Fee	NA
10	EMD	10 Lakhs
11	Solvency	NA
12	Turnover	Average annual financial turnover during the last 3 years, ending 31st March of the previous financial year should be at least INR 60.00 Crores (Rupees Sixty Crores only) Excl. GST. Documentary proof, i.e., CA Report, (Or) Income tax TDS certificates/Form 26AS for the relevant financial year may be furnished.
13	PF/ESI Registration	The contractor should submit their EPFO/ESIC registration certificate along with Technical Bid.
14	Authenticity of the documents submitted by bidders.	Bidders should note that MedTech Society (MTS) may verify authenticity of all the documents/certificates/information submitted by the bidder(s) against the tender. In case at any stage of tendering process of contract/WO/PO execution etc., if it is established that bidder has submitted forged documents/certificate/information towards fulfilment of any of the tender/contract conditions, MTS shall immediately reject the bid of such bidder's (or) cancel/terminate the contract and forfeit EMD and SD submitted by the bidder and may also take other appropriate legal action.



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15	Bid validity	120 days from the date of opening of bid.
16	Maintenance	One (01) Year from the date of completion of work.
17	Experience	Documentary proof of execution as per Tender Technical Specifications to be furnished.

18	Schedule completion of Works	300 days from the date of LOA.
19	Payment terms	30 % advance along with work order. 10% upon completion till Plinth beam. 20% after completion of Erection of super structure 20% on completion of Civil finishings, Furniture, MEP & HVAC 15% on handing over. 5% DLP for 1 year.
20	Processing of Invoice	Bidder should submit the following as part of submission of bills: Original Tax Invoice in two sets of copies along with Measurement book, Extract of measurement book (by user dept), Final variation of quantities statement (by user dept), Work completion certificate (duly signed by user dept), PF/ESI clearance certificate (issued by HR dept) and the payment particulars to the labor through Bank & Bill set - A.
21	Rejection Criteria	Refer Para 43 of this Notice Inviting Tenders (NIT).
22	Labour Cess	1% of the total construction cost will be deducted and shall be retained by tender inviting party



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23	Note	<p>(a) Bidders are advised to submit all the requisite documentation while submitting the bid. In case any deficient document is sought later, the same shall be submitted within five days through mail from receipt of intimation from MTS and courier the same to MTS address. Else, offer shall be liable for commercial disqualification.</p> <p>(b) In case of any disparity/variance/overlapping of any terms and conditions as indicated in the NIT vis-à-vis any other tender documents, the terms, and conditions as indicated in the NIT shall prevail.</p> <p>(c) The contractor shall take Group Personal Accident (GPA) policy with a coverage of INR 25 lakhs (Rupees twenty-five lakhs only) for each person engaged on the work to cover the In-case any risks like cause accidental or injure or in case of any untoward incident. Please refer Para 55 of Major Agreement forms i.e. Annexure - 1.</p> <p>(d) Contractors / vendors with poor performance (or) that have received poor performance notices in the last three years for previous projects executed in the Yard will be techno-commercially disqualified.</p>
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24. Quotation should be submitted against the quantities as per the technical specification indicated in BOQ. L-1 will be established on overall L-1 basis.

23. Taxes and Duties:

- a. Availing of Input Tax Credit (ITC): Vendor to note and ensure timely receipt of goods and tax invoices to MTS as per GST Law. In case GST credit is delayed/denied to MTS due to non/delayed receipt of goods and/or tax invoice (or) expiry of timeline prescribed in GST law for availing such ITC, (or) owing to the vendor not paying the taxes to the Government within prescribed time as per law, the GST charged to MTS, (or) any other reasons not attributable to MTS and solely attributable to the Vendor, GST amount shall be recoverable from vendor along with interest levied/leviable and any other penalties on MTS and the vendor shall hold MTS indemnified against all costs and consequences therefrom.
- b. In case vendor delays declaring particulars in respect of any invoice in this GST return required to be filed by such vendor, and GST credit availed by MTS is denied (or) reversed subsequently as per GST law, GST amount paid by MTS towards such ITC reversal as per GST law shall be recoverable from vendor/contractor along with interest levied/leviable on MTS and any other penalties on MTS and the vendor shall hold MTS indemnified against all costs and consequences therefrom.
- c. Bidders are required to ascertain themselves, the prevailing rates of GST and all other taxes and duties as applicable on the scheduled date of submission of price bids and MTS would not undertake any responsibility whatsoever in this regard.
- d. Accordingly, bidders should quote the prices, clearly indicating the applicable rate of GST/description of service as per GST rules (under which the respective service is covered). Service accounting code along with all other taxes and duties applicable.
- e. Total contract value shall be considered for evaluation excluding GST. In case the GST is not quoted explicitly in the offer, the offer will be considered as inclusive of GST and provisions of change in law will not apply.
- f. In the contracts involving multiple services (or) involving supply of certain goods (or) materials (which should be consumable in nature forming part of taxable service) along with the services, the bidder should give separate break-up for cost of goods and cost of various services, and quote GST as applicable for the taxable services.
- g. GST and customs duty if any applicable on input services/capital goods/inputs required to meet the scope of work will be borne by the bidder within their quoted prices. The bidder must avail eligible input tax credit of GST, and Customs duty paid on input services/capital goods/inputs and benefit of input tax credit should be passed on to MTS by way of quoting rate(s) net of input tax credit i.e., value of goods/service adjusted by input tax credit available to the bidder.
- h. The invoice submitted by you should be as per the provisions of GST law. The invoice should mandatorily contain the HSN/SAC and GSTIN number of the consignor and consignee along with other particulars. The GST charged (CGST & SGST (or) IGST) should be separately indicated in the invoice. This is necessary for MTS to avail input Tax credit.



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- i. Tax inclusive invoice cannot be accepted.
- j. All corrections/rectification in the invoices should be done through debit note / credit note.
- k. Bidders are advised to indicate all taxes applicable in terms of percentage for services and Materials in the Technical bid.

24. Liquidated Damages: Will be levied at a rate of 0.5% per week (or) part thereof, for the delay subject to a maximum of 10% of the contract value.

25. In case of poor performance of the contractor and if scheduled targets are not met, MTS will have the right to withdraw the work and allot the same to a suitable bidder at risk and cost of the contractor as per the provision at Para IX of Detailed Terms and Conditions at Annexure - 6 i.e. Risk contract.

26. Safety and Cleanliness: Fire and safety precautions should be followed strictly and necessary PPE should be provided to work men. Working premises should maintain neat and clean. In case of any violation, appropriate penalty will be levied. All contract workmen should wear suitable uniform while executing the works.

27. Bidders are advised to consult user dept., for further clarification about scope of work if any, prior to submission of bid.

28. Bidders may note that MTS reserves right to award the complete (or) part of the work and to accept or reject any offer (or) cancel the whole tender process without assigning any reason what so ever.

29. Contractor is solely responsible for compensation, if any, in case of untoward incident takes place.

30. Bidders shall maintain following registers:

- a. Hindrance register containing the details of date of commencement of the work, the date of occurrence of hindrance, cause of hindrance, the date of removal of hindrance, Final completion date. Name and designation of the officer In-charge for the work is to be indicated in the hindrance register.
- b. Material brought to site and its utilization register indicative of the material description, quantity brought at site, no of utilized and balance stock at site.
- c. Site inspection register, recording the details of date of site offered for inspection, Inspection date, Final date of clearance post inspection, Certification by concerned and the officer In-charge of MTS.

Note: The above registers are to be maintained up to date by the contractor and are to be duly certified by the respective in-charge of the works on regular basis. The extract of such registers is to be forwarded along with certified stage bills of the contractor to finance department for payment.



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31. **RIGHT TO REJECTION:** MTS has the right to reject the material if it is of substandard or inferior quality and the contractor is completely responsible to supply the material of requisite standard at no additional cost to MTS.
32. Bidders shall submit their action plan for completion of work in time.
33. Successful bidder shall ensure that their workmen will be paid wages as per the minimum wages promulgated by government.
34. Successful bidder should register all their workmen in MTS bio-metric system before commencement of work. All the contract workmen proposed to deploy on the work shall have AP Police verification certificate prior to issue of tokens to the workmen.
35. The bidder is requested to submit bank account details of their employees on this project along with Invoice.
36. Contractor shall commence additional work/growth of work with the approval of CA.
37. Any re-work arising on account of fault of the contractor shall be made good by the contractor without any additional cost. Departmental head would be the competent authority to decide on whether the re-work occurred due to contractor's fault.
38. Tenderers shall accept all terms and conditions of tender enquiry in TOTO and the same shall be clearly indicated in technical bid.
39. **INTEGRITY PACT** -Applicable
40. Interested bidders may drop a mail to procurement@amtz.in / info@medtechsociety.in and the tender form, technical specification, general terms & conditions, and any other related documents shall be shared with them.
41. Tenders are invited offline only which needs to be submitted at the following address: Pivot building, AMTZ Campus, Pragati Maidan, VM Steel Project S.O., Visakhapatnam, Andhra Pradesh-530031, India.



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42. TIME SCHEDULE OF TENDER:

Sl. No	Particulars	Date	Time (hrs.)
1	Tender publication date	07.02.2026	10:00
2	Document Download Start date / Request mail for document start date	07.02.2026	11:00
3	Document Download End date Request mail for document end date	12.02.2026	18:00
4	Start date for seeking clarification	07.02.2026	11:00
5	Last date for seeking clarification	12.02.2026	18:00
6	Pre Bid Meeting - 1	13.02.2026	15:00
7	Pre Bid Meeting - 2	20.02.2026	15:00
8	Bid submission end date	02.03.2026	15:00
9	Technical bid opening date	02.03.2026	15:30

43. Rejection Criteria:

The following documents must be submitted. Please note that, if the bid is submitted without these documents, bid is liable for rejection.

- 1) “NIT” with duly stamp and signature.
- 2) “Major agreement forms” (Conditions & General description of contract) duly signed and stamp affixed.
- 3) “Scope of work/bill of quantities of the work (BoQ)” with duly stamp, and signature
- 4) “Acceptance format” with duly stamp, and signature.
- 5) Relevant experience credentials and any other supporting documents, as per “Specific terms and conditions” with duly stamp, and signature.
- 6) Relevant experience credentials and any other supporting documents, as per “Some of the condition of the contract” with duly stamp, and signature.
- 7) “Detailed Terms and conditions” with duly stamp, and signature.
- 8) “Techno-Commercial Bid” with duly stamp and signature.
- 9) “Latest Turnover” details of last three financial years.



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44. Submission of Bid:

- a. The bidders must accept unconditionally the agreement which contains the acceptance of all the terms and conditions of NIT including commercial and general terms & conditions along with an undertaking in support of the authenticity of the declarations regarding the facts, figures, information, and documents furnished by the bidder in order to become an eligible bidder. No conditional bid shall be accepted.
- b. Price bid: The price bid containing the bill of quantity will be in excel sheet format & a .pdf file and will have to be downloaded by the bidder and the rates, taxes & duties etc. to be quoted for the offered items. Thereafter, the same excel file and .pdf file is to be saved without changing the BoQ name/pdf name and should be submitted during bid submission in respective covers. The price-bid will be in item- wise rate BoQ format and the bidder should quote for all the tendered items/works and order may finalize on overall L1 basis. The price bid which is incomplete and not submitted as per instructions given above will be rejected without any notice.
- c. Modification and withdrawal of Bid: Modification of the submitted bid shall be allowed only before the deadline of submission of tender. The bidder may modify and resubmit the bid as many times as they may wish before the due date.
- d. **Bid Validity:** The validity period of the bids shall be 120 days from the date of opening of bid. The tenderer shall not, during the said period or within the period extended by mutual consent, revoke (or) cancels their tender (or) alter the tender (or) any terms/conditions thereof without consent in writing of the MTS. In case the tenderer violates to abide by this, MTS will be entitled to take action.
- e. Please note that the generated comparative statement is not final for finalizing the L1 bidder.
- f. Please submit the tender before due date and time. Bidders/suppliers in their own interest are advised not to wait till the last date and time to submit their offers to avoid last minute rush.

For MedTech Society

Tenders Division



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Annexures:

- i. Major agreement forms
- ii. Scope of work & Layouts
- iii. Acceptance format for tender.
- iv. Specific terms and conditions.
- v. Some of the conditions of the contract.
- vi. Detailed terms and conditions.
- vii. Payment Terms
- viii. Financial Bid Format
- ix. Bid Evaluation Structure
- x. TTS, GST, & IP.

Annexure – 1

MAJOR AGREEMENT FORMS

(Conditions & General Description of Contract)

1. **Interpretation of terms:** In the Tender Notice, Form of Tender Deed of Contract and throughout the conditions of contract, specification and schedule, the following expressions, unless the context otherwise requires, shall have the meanings hereby assigned to them:
 - a) “The Company” shall mean MedTech Society, Visakhapatnam.
 - b) “The Contractor” shall mean the individual, firm, or company whose tender for the works has been accepted, as well as the executors and administrators of such individual or the members comprising such firm or board of directors of such company and the successors and permitted assigns of such individual, firm, or company.
 - c) “The Engineer” shall mean the company or such other engineer who may be acting for the contractor or may be appointed by the company either temporarily or permanently.
 - d) “The site” shall mean the site of the works and such additional areas as shall be allowed to be used by the company for temporary occupation by the contractor and any areas used by the contractor for the purpose of this contract.
 - e) “The Specification” shall mean the specification of materials, workmanship and works, hereto subjoined.
 - f) “The Schedule” shall mean the schedule of quantities and rates hereto subjoined prepared by the company, of the principal items and quantities of the works (included in the contract which being rated and priced by the contractor in the detailed estimate on which the tender is based).
 - g) “The contract” shall mean the Deed of Contract.
 - h) “The contract documents” shall mean the drawings, conditions of contract, specification and schedule, form of tender, deed of contract and other relative documents attached.
 - i) “The contract rates and prices” shall mean the rates and prices entered by the contractor in the schedule.
2. **Contract Deed:-** The contractor shall within seven days of the receipt of information by the contractor of the acceptance of the tender or within such further period as the company may fix but so that if no extension of the said period of seven days is granted by the company that period shall be deemed to be the essence of the contract, enter into and execute a stamped deed of contract in the form annexed embracing what is contained in the conditions of contract, Drawings, Specifications and Schedule, and shall pay half the expense of such deed.
3. **Earnest Money & Security Deposit:-** The person/persons whose tender may be accepted (hereinafter called the *Contractor*) shall, within 7 days of receipt of the notification of acceptance of the tender, deposit with MedTech Society, AMTZ Campus, Visakhapatnam, a sum sufficient along with the earnest money already deposited with the tender to make up **2.5% of the accepted tender amount** as security deposit, as specified in the tender. MedTech Society shall also be permitted, at the time of making any payment to the Contractor for work done under the contract, to deduct such sum as

will amount to **2.5% of the money so payable**, thereby making a total security deposit of **5%**, which shall be held by MedTech Society by way of security deposit. This deposit may be made either in cash or in Government paper or other Public Securities bearing interest and endorsed in favor of the company, and shall bear the “Examined” stamp of the Public Debt Office, State Bank of India. The value of such securities shall be taken at **75% of their face value**. These securities will be retained by the company as security for the due performance of the contract until the maintenance period hereinafter specified has expired and until all questions and disputes arising under the contract have been settled. Interest on such Government and Public Securities will be drawn and paid to the Contractor as and when it becomes due.

3A. **Exemption from Submitting EMD.**

- (a) State & Central Government of India – Departments & Public Sector Undertakings.
- (b) Firm registered with AMTZ (exemption will apply only to services/works & value up to which bidders are registered with AMTZ). To qualify for EMD exemption, firms should necessarily submit valid copy of the Registration Certificate along with the list of services/works for which they are registered, as issued by AMTZ, in Part-I (technical bid or offer). Firms in the process of obtaining AMTZ registration will not be considered for EMD exemption.
- (c) Firm registered with NSIC or SSC (exemption will apply only to services/works & value up to which bidders are registered with NSIC or SSC). To qualify for EMD exemption, firms should necessarily submit valid copy of the Registration Certificate along with the list of items or services for which they are registered, as issued by NSIC or SSC in Part-I (Technical bid or offer). Firms in the process of obtaining registration will not be considered for EMD exemption.
- (d) Firms registered with e-portal/GeM or concerned departments of Ministries of the Govt of India or MSME.
- (e) Vendors nominated by Customer for specific ordering Instructions (Owner’s Choice/Approved vendors).
- (f) In all the above cases, the bidders shall be required to sign a Bid Securing declaration accepting that if they withdraw or modify their Bids during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids/request for proposals document, they will be suspended for the period of time specified in the request for bids/request for proposal document from being eligible to submit Bids/Proposal for contracts with the procuring entity.

4. **Compensation for Delay:** - Time is of the essence of the contract and if the contractor shall fail in the due performance of his contract within the time given in the contract or any extension thereof, the contractor shall pay as compensation for delay a sum of 0.5% of the accepted contract sum for every day or part thereof which shall elapse between the stated or extended date of completion and the actual time of completion. Such payments by the contractor or in the event of his failure to do so such deductions made by the company, shall be in full satisfaction of the contractor’s liability for delay, but shall not in any case exceed 10% of the accepted contract sum.

5. Delay in completion of the works & Extension of Time:- Should be the amount of extra or additional work of any kind or other special circumstances including exceptional weather conditions, civil commotion, general or local strikes or lockouts which may occur be such as fairly to entitle the contractors to an extension of time for the completion of the work, the Engineer shall determine the amount of such extension provided that the Engineer is not bound to take into account any extra or additional work or other special circumstances unless the contractor has within seven days after such work has been commanded or such circumstances have arisen. Or as soon thereafter as is practicable, delivered to the company full and detailed particulars of any claim for extension of time to which he may consider himself entitled in order that such claim may be investigated at the time, or unless in the case of work which has been executed under an order in writing signed by the Engineer. No claim for compensation will be entertained or allowed for the period of such lockouts or for any other period of lockout or strike in respect of the Company.
6. Action when whole of security deposit is forfeited:- In any case in which under any clause or clauses of this contract the contractors shall have rendered himself liable to pay compensation amounting to the whole of his security deposit (whether paid in one sum or deducted by installments), the Engineer, as the authorized representative of Chairman or himself shall have power to adopt any of the following courses as may deem best suited.
 - a) To rescind the contract (of which rescission notice in writing to the contractor under the hand of the Engineer shall be conclusive evidence) and in which case the security deposit of the contractor shall stand forfeited.
 - b) To employ Tradesmen at the rates paid by the company and to supply materials at replaceable value and carry out the work, or any part of the work debiting the contractor with such cost of labour and price of materials with overheads not exceeding 10% on materials & 150% in labour and crediting the Contractor with the value of work done, in all respects in the same manner and at the same rates as if it had been carried out by the contractor under the term of his contract, the certificate of the Engineer as to the value of work done shall be final and conclusive against the contractor.
 - c) To measure up the work of the contractor and to take such part thereof as shall be unexecuted out of his hands and to give it to another contractor to complete, in which case any expenses which may be incurred in excess of the sum which would have been paid to the original contractor, if the whole work had been executed by the Contractor, shall be borne and paid by the original contractor and may be deducted from any money due to the contractor by the company under the contract or otherwise or from his security deposit or the proceeds of sales thereof or a sufficient part thereof. In the event of any of the above courses being adopted by the Engineer, the Contractor shall have no claim to compensation for any loss sustained by the contractor by reasons of his having purchased or procured any materials or entered any engagements or made any advances on account of or with a view to the execution of the work or the performance of the contract. And in case of the contract shall be rescinded under the provision aforesaid, the contractor shall not be entitled to recover or be paid any sum for any work therefore actually performed under this contract, unless and until the Engineer will have certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified.

7. Transfer of Contract:- The contractor shall not assign this contract or any part, share or interest therein, or any sum or sums of money to become due there under, without the written consent of the company first had and obtained if, in breach of the provisions of this clause, the contractor shall, without such written consent make or purport to make any such assignment, all liability on the part of the company to pay such sum or sums of money as would otherwise become due under this contract shall absolutely cease and forfeit the security deposit, unless the company shall, for exceptional reasons, otherwise determine.
8. Changes in Constitution of Firm: - In the case of a tender by partnership firm any change in the constitution of the firm shall be forthwith notified by the contractor to the Engineer for his information.
9. Services of Notices to Contractor:- Where any legal or other notice or other documents is to be given to or served upon the contractor, it shall be deemed to be duly given or served, if it shall have been either delivered to the Contractor personally or to his recognized agent (including in the case of a company the Secretary of such company or delivered at or sent through the post addressed to his firm at the contractor's office on the site of the works sent through the post addressed to the address given by the contractor in the Form of tender, or in the case of company to its registered office, and in the case of a firm if served on any one of the Partners in such firm shall be deemed to have been given to or served on all of them.
10. Sub-letting of works: - No sub-contractor for supply of materials or plant or for the execution of any part of the works shall be permitted without the written consent of the company. Such a sub-contract, if permitted, shall EMBODY all relevant clauses of these conditions and specification. Before work is started or materials are supplied by the sub-contractor, the contractor shall submit for the approval of the company the name of persons, firms, and the places from where the sub-contractor proposes to obtain his materials. The company shall have the power to withhold or rescind approval of any sub-contractor, maker, or supplier of materials, in which case his connection with the contract shall cease and he shall be bound to withdraw from the site. The consent of the company to the employment of any sub-contractor shall not relieve the contractor of his obligations under the contract or in any way effect the contractors direct responsibility to the company, nor shall it render the company in any way responsible to such sub-contractor, but, in the event of default or failure of the contractor and the company taking the work of any part thereof out of the contractors hands has hereinafter provided, it shall be in the power and option of the company or of any one whom the company may nominate to take over any sub-contract between the contractor and any sub-contractor for the supply of labour, materials and plant, as well as for construction and erection at the same prices as such labour, materials, plant, erection and construction were being supplied to and executed for the contractor and this shall be condition of, and shall be embodied in, any sub-contract, and shall be binding on any sub-contractor or others; and every sub-contract shall be validly made in writing and the company shall be entitled to require exhibition thereof before consenting thereto.
11. Works to be done to Satisfaction of the company: The works shall be executed to the entire satisfaction of and he under the control, direction and supervision of the company or of such representatives as it may from time to time appoint, according to the fair interpretation and meaning of the conditions of contract specification, drawings and the scheduled and executed in such order and rotation and at

such points and such portions and at such times and in all other respects as the Engineer may from time to time direct and if he shall think it desirable he may at any time withdraw, change or modify any direction as to order and rotation or otherwise which he may have given, and any such withdrawal, change or modification shall be strictly followed and observed by the contractor. The works shall be carried on with all due diligence, so that whole of the works shall be finally completed at or before the time specified for completion but none of the works shall be begun without a previous notice in writing from the contractor to the Engineer who shall have power to postpone the commencement of the any works or to suspend the prosecution of any works while the same are being carried out and the contractor shall not be entitled to compensation in regard to any of the above matters.

12. Contractor's superintendence of the works: The Contractor shall always at his own expense and throughout the course of the work comprised in the contract, be constantly represented by a fully engineering qualified (Graduate) responsible agent having previous experience in carrying out works of similar character to the work under this contract. The name and qualification of the proposed agent shall be submitted for approval to the company in writing before his appointment. The Agent shall reside near the works and shall devote his whole time and attention to the works and all instructions given to the Contractor shall be held as given to the contractor. The contractor shall also supply be held as given to the contract works trust worthy skillful and experience craftsmen and sufficient laborer's suitable for the several trades and should it at any time appear that either the quality or the progress of the works is suffering through lack of sufficient skilled supervision or labour, the Engineer may require the contractor to provide such additional craftsmen or laborer's as he may been necessary, and the contractor shall bound to dismiss from his employment on the works any agent, craftsman or laborer to whom the company object by reason of any failure, neglect, incompetence or improper conduct, or bad workmanship executed by or under the supervision of such person, and the company's decision shall be final. Should the contractor propose to change his agent during the contract he shall submit the name of the proposed successor as hereinbefore stated.
13. Action and Compensation payable in case of bad work:- If it shall appear to the Engineer or his subordinate in-charge of the work, that any work has been executed with unsound, imperfect or unskillful workmanship or with materials of any inferior description, or that any materials or articles provided by the Contractor for the execution of work are unsound or of a quality inferior to that contracted for or otherwise not in accordance with the contract, the contractor shall on demand in writing from the Engineer specifying the work, materials or articles complained of notwithstanding that the same may have been inadvertently passed, certified and paid for forthwith rectify and move and reconstruct the work so specified in whole or in part as the case may require at his own risk and cost; and in the event of his failing to do so within a period to be specified by the Engineer in his demand aforesaid, the contractor shall be liable to pay compensation at the rate of one percent on the amount of estimate for every day not exceeding ten days, while his failure to do so shall continue and in the case of any such failure the Engineer may rectify or remove and re-execute part or whole of the work with new materials after dismantling the rejected works at the risk and expense in all respects of the Contractor.

14. Action where no Specification: - In the case of any class of work for which there is no such specification as is mentioned, such work shall be carried out in accordance with the local P.W.D. specification and in the event of there being no P.W.D specification, the work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer.
15. Notice to be given before work is covered up:- The Contractor shall give not less than five days' notice in writing to the Engineer before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured and correct dimensions thereof be taken before the same is so covered up or placed beyond the reach of measurements and shall not cover up or place beyond the reach measurement any work without consent in writing of the Engineer or his subordinate in-charge of the work; and if any work is covered up or placed beyond the reach of measurement without such notice having been given or consent obtained the same shall be uncovered at the Contractor's expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed.
16. Contract Drawings General: - Two copies of each of the Drawings and of all detailed drawings and two copies each of the Conditions of Contract, specification and schedule, will be provided for the use of the Contractor, who must satisfy himself as to the accuracy of the said copies in every detail, and make all other copies necessary for the conduct of the works. No drawing or sketch shall be worked to unless and until it has been signed by the Engineer. One copy of each drawing or sketch furnished to the contractor shall be kept in an office on the works and the Engineer and any person authorized by the company shall have free access to the drawing and sketches whenever they desire.

TEMPORARY AND PERMANENT WORKS

17. **Conditions on site:** - The contractor must satisfy himself as to the character of the strata and materials on the site, and the question of water levels, springs, etc. He must also satisfy himself as to the general circumstances of the site of the works, the levels, positions or lines of any obstructions thereon above or below ground level, the surface levels of the ground the possibility of subsidence from soft ground, bad or broken materials and of slips of materials in any embankments, trenches or open cuttings, and the possibility of floods, and he must make except where otherwise stated, his own decision on these matters; and include any allowance for them in rates stated in the schedule, as no separate claim will be countenanced by the company. The Contractor shall also take the risk of having in any material to be excavated, obstructions of any kind and material of whatever nature that may be encountered. The contract prices shall be overhead prices covering except where otherwise stated, these and all other contingencies. The contractor shall also be responsible for the clearance of site, if necessary, by removing the debris outside the yard and it shall be done as directed by the Engineer. No claim by the contractor for additional payment will be entertained which is consequent upon failure on his part to obtain correct information as to any matter affecting the execution of the works, nor will any misunderstandings or the obtaining of incorrect information or the failure to obtain correct information relieve the contractor from any risks or from the entire responsibility for the fulfillment of the contract.
18. **Access and Transport:** - The contractor will be held to have satisfied himself as to means of access to the site of the works transport of labour and delivery of material and plant to and from and over the works, relative positions, lines and levels of the existing railway tracks, roads, supply services and all other works, and other relative contingencies; and he shall where necessary, provide and maintain at his own cost, all requisite temporary gangways, railways, roads and footpaths and other services to and about the site of the work required for transport of plant and materials or as may be required by the Engineer to provide convenient access to and about the works. All the before mentioned works which may be constructed and in use for the works generally shall be available for the reasonable use of the company, the engineers and other contractors without charge, and the contractor shall carry out the instructions of the Engineer on this question
19. **Datum for contract levels:** - The levels, dimensions and general construction of the work shown on the drawings are supposed to be correct and in agreement with one another, but the contractor must verify the same before ordering any materials or commencing the work.
20. **Setting out the works:** - The contractor shall, without extra charge beyond the contract prices, set out and measure up all the works in accordance with the contract documents and for this purpose he shall appoint and employ all necessary engineering assistants.
21. The contractor shall be entirely responsible for the accurate and perfect setting out of all works, whether such setting out be executed by his own assistants or not and, notwithstanding that the Engineer or his assistants may furnish bench-marks and set out or give the necessary directions for setting out or the work the contractor must satisfy himself as to the accuracy of these and he shall at his own cost rectify and make good any and all defects which may arise from errors in the lines

and levels, and no inaccuracy in the setting out and in the construction of the works shall be founded on by the contractor as a reason for any claim against the company. He shall also provide and maintain at his own cost and in good order as required by and for the use of Engineer for the duration of the contract, a modern and accurate theodolite and a precision level, both of approved type and make, complete with accessories and all instruments, poles, pegs, staging's, moulds, templates, profiles and all other requisites for the setting out and measuring up the works, as well as the services of an experienced chainman.

22. **Temporary Office and other Buildings:** The contractor shall at his own expenses provide and maintain in first class condition suitable and efficient staff offices, workmen's accommodation, lavatory accommodation and other temporary accommodation for his staff and workmen, and all the necessary store sheds for materials. The temporary buildings on the site shall be placed where directed by the Engineer and all such buildings and other temporary structures which the contractor may erect for his own purposes shall, in respect of designs, situation and sanitary arrangement be such as will meet with the approval of the Engineer, the Health authorities and other local authorities. Immediately on completion of the works, or at such times as the Engineer may determine they are no longer required, all temporary buildings, offices, sheds, stores, huts, and other erections shall be removed by the contractor and the ground shall be properly cleared of all obstructions and trimmed etc., all at the contractor's own expense.
23. **Temporary works:** The contractor shall provide all the necessary cofferdams, staging's, sheet piling, timbering, shoring and strutting and other works and materials required for the construction and proper and due completion and maintenance of the works, both temporary and permanent. He shall be entirely responsible for the sufficiency, stability, and safety of any temporary works he may construct and shall replace, reconstruct, repair, and maintain them until they are no longer required for the purposes of the contract, and he shall be responsible for the removal of all temporary works from the site. The cost of providing all materials and labour, constructing, repairing, maintaining, demolition and removal from site of all temporary works (i.e., works not ordered by the Engineer to be left in positions on completion of the contract), shall be held to be included in the contract prices if otherwise not provided in the schedule of work, and no further allowance whatever will be made.
24. **Temporary fencing, watching & Lighting:** - The contractor shall provide and maintain at his own expense and to the approval of the Engineer and the local authorities, sufficient watchmen, lights and fencing to prevent trespass and injury, and to ensure convenience and safety and the protection and security of life, animals, property, buildings, the works, and all other structures, places, and things during the progress of the operations. The contractor shall also supply all the necessary floating buoys, lights and beacons required by the port authorities to indicate floating or any submerged work in the harbor. He shall properly maintain the same and free and relieve the company of all liability arising from his failure to provide such watchmen, lights etc., No unauthorized person shall be permitted on the site. In the event of any portion of the works being stopped or suspended by requirement of the company, the contractor shall be bound properly to fence and light and watch the same and all temporary works at his own cost as the Engineer may determine.

25. Pumping & dealing with water: - The contractor shall take all risks from water, whatever the source or cause may be. He shall satisfy himself as to the quantity of pumping required and provide and use at his own expense sufficiently pumping plant and appliances as well as all other things required, and also provide labour and materials and execute at his own expense, if otherwise not stated, the necessary pumping, baling, damming, laying/pipes and other works as may be necessary or required by the Engineer to ensure the works being executed in the dry whether possible.
26. Contractor to furnish statements of Arrangement:- The contractor shall, as soon as possible after his tender has been accepted and when required from time to time by the Engineer, furnish to the contractor as statement describing his proposed general arrangement for executing the works and the order and rotation in which they are to be carried out, and the nature of the temporary structures and other works which he proposes to erect, details of the plant and type and quality of the materials he proposes to use and as to the mode of procedure generally which he contemplates for the execution of the contract. The Engineer shall have the power to modify the same should he consider the proposed arrangement imperfect, unsuitable or unsatisfactory in any respect, and the contractor is to proceed accordingly without being entitled to extra payment or compensation on account thereof, but the rendering of such a statement or statements by the contractor or the modification of the same by the Engineer shall in no way relieve the contractor from any responsibility under the contract. The contractor shall furnish daily the particulars of the important work done on that day and the work proposed to be done on the next day in a form approved by the Engineer for special nature of works.
27. Minerals etc., on the site of the works will be the property of the company: - All minerals or other things, including fossils, archaeological remains, objects of natural history and antiquities, found on the site of the works shall, as between the company and the contractor, be held to belong to the company, and shall be dealt with by the contractor as the company will direct. The contractor shall not under any circumstances, be allowed to excavate materials from below formation level or from below or beyond what is necessary for the purpose of the works, and he shall not sell or otherwise dispose of, or remove or use, excepting for the purposes of the works, any materials which may be obtained from the excavations.
28. The contractor in the course of his work shall understand that all the materials (e.g., store and other materials), obtained in the work of dismantling etc., will be considered property of the company and will be disposed of to the best advantage of the company.
29. Plant and Materials: - The contractor shall include in the contract Rates and prices all the cost of the supply and use of all the necessary materials, tools, machinery and plant and all other devices whatever required for the construction of the whole works, both temporary and permanent, and he shall submit before delivery of any materials or plant, and when required for the information and approval of the Engineer.
30. Material furnished by the Company: - The Company may reserve to themselves the right to provide certain of the materials required for the work. The materials provided as above shall be jointly inspected by the Engineer and the contractor before use and agreement reached on their suitability and sufficiency for the purpose required. After the materials have been so approved, it shall not be

competent for the contractor to decline to accept responsibility for the safety and sufficiency of the resulting structure by alleging that any material furnished to the contractor by the company was defective in any respect. For materials which the company has in stock at the time of awarding the contract and for the quantity inspected and approved as above, the value shall be calculated at the rates mentioned in the schedules and the full amounts shall, if possible, be adjusted in the first interim bill payable by the company to the contractor, provided that the Engineer will not be bound to take back from the contractor either before or after the completion of the works or on an earlier termination of this agreement of the surplus materials which were originally procured by the contractor or were issued to the contractor by the Stores Departments of Andhra Pradesh MedTech Zone, (hereinafter called "the Stores Departments") but the Engineer or the Stores Departments shall have the option of purchasing any of the aforesaid materials surplus to the requirements of the works at the local prevailing market rates or invoice rates whichever is lower, provided further that in the case of materials supplied by stores department the price shall not in any case exceed that originally charged by the Stores Departments. The contractor shall not remove from the site of the works any of the materials supplied to the contractor for use on the works without previous sanction obtained in writing from the Engineer. For other materials, which may be handed over to the contractor later, the value shall be recovered at company's issue rates.

31. Owing to difficulty in obtaining certain materials in the open market the company may undertake to supply some materials at the stipulated rates for the facility of the contractor. There may be delay in obtaining the materials by the company and the contractor is therefore required to keep himself in touch with the day-to-day position regarding the supply of such materials from the Engineer and Stores and to so adjust the progress of the work that their labour may not remain idle, nor may there be any claim due to or arising from delay in obtaining the materials. It should be clearly understood that no claim whatsoever shall be entertained by the company on account of delay in supplying materials by the company.
32. Water supply: - Water may be drawn by the contractor from an existing point near the work site. The contractor must lay the necessary distribution lines to the site of the work at his own cost and maintain the same. Suitable meter and valve are to be provided by the contractor and housed in a chamber with locking arrangements at his own cost and maintain the same. Water will be supplied at free of cost by MTS. Due to uncertain position of water supply the contractor is advised to keep at least 2 days requirements to meet for the exigencies. The quantity of water supply and its continuity is not guaranteed and the contractor must make his own arrangements to supplement the water required at his own cost. The contractor will have no claim on company if water could not be supplied by the company due to inadequate supply from M.E.S / Municipality or any other reasons beyond control of company.
33. Electricity: - Electric energy will be supplied at a point from any of the existing points near the site. The contractor shall make his own arrangements for laying and maintaining further distribution lines and wiring necessary for the works. The system shall conform to Indian Electricity Act and shall be got approved by the Engineer. The contractor shall provide his own energy meter for registering consumption. The meter shall be got tested by contractor, if necessary, from appropriate authority. The electric energy shall be provided at free of cost. The contractor will have no claim on company

if the supply becomes intermittent or for breakdown in system or fluctuation in voltage.

34. **Quality of Materials and workmanship**:- The whole of the material and workmanship of the works, both temporary and permanent, shall be in accordance with the contract documents, conform to the dimensions specified or shown on the drawings, of first class quality of their respective kinds, passing all the specified tests and they shall at all times be subject to the approval of the Engineer who shall have the right to inspect, test and reject if necessary and order the removal, replacement and reconstruction of the materials as well as the workmanship at every stage of progress. The contractor shall guarantee the strength and quality of all materials and workmanship, and he shall not be relieved of his obligations with respect to the sufficiency of the materials of workmanship by reason of no objection having been taken thereto during the progress of the operation by the Engineer although the same may have been inspected by them in regular course. In the event of such replacing and reconstruction of any part of the work being necessary, the company reserves power in reinstatement to strengthen the works by increasing the dimensions or by improving the quality of the materials or altering their character and such strengthen of the works shall in the event of its being rendered necessary by reason of the default, neglect or omission of the contractor, be carried out at the expense of the contractor. Should the contractor delay removal of unsatisfactory materials, work appliances or things or delay construction of necessary remedial work, the company may have such materials, work appliances or things removed, remedial works executed at his expense.
35. **Inspection & Testing of Materials & Workmanship**:- All materials and workmanship shall be subject to such tests as are specified in the contract documents or as the Engineer may order, and all materials excepting those which must of necessity be tested at the works of the contractor, or sub-contractors or manufacturers, shall be delivered on the works a sufficient time before they are actually required to be used to enable the Engineer to have such tests made as he may consider necessary. The contractor shall furnish all information as to quality, weight, constituent substances, dimensions, levels, strength, and description of the materials and works and give the Engineer such other particulars as may be required. The contractor shall bear the whole expense of testing or retesting all structures, materials, and workmanship as the Engineer will direct. The Engineer may order the materials in the works to be cut out where he considers it necessary to test the workmanship and quality, and if the work be found satisfactory, the cutting out and replacing of the materials will be paid for by the company, but if in the opinion of the Engineer any such work opened up shall have been executed with unsound, imperfect or unskillful workmanship or with materials of inferior quality, or not in accordance with the contract, the contractor shall forthwith, at his own cost and to the entire satisfaction of the Engineer, rectify, reconstruct, or replace the same wither in whole or in part. As he may be directed by the Engineer, whether the value of any such work or materials shall have been included in any payment made to the contractor. The contractor shall give to the Engineer written notice of the workshops and places where work is being or about to be prepared, or from which materials, or manufactured articles, are about to be or are being supplied. He shall also give such notice and keep the Engineer advised of the times when such materials will be ready to be inspected, so that such inspection may take place without delaying the dispatch of the materials to the site. Such notices shall be given at such times as well as will permit of the whole of the works at all stages of the process of manufacture, and nor simply when any material is completed ready for dispatch. The Engineer shall be entitled to attend at the works of manufacturers and sub-contractors

to test materials and workmanship and every facility for such inspection and testing shall be afforded to the contractor.

36. Existing structures, places and things to be maintained:- Wherein the course of constructions of the works any existing supply lines, structures, places and other things are exposed, interfered with are subject to traffic over them or are otherwise affected, they shall be properly maintained and if required, shall be strutted or supported with timber or otherwise protected and if necessary, such other temporary service works shall be executed and expedients adopted as will prevent inconvenience, interruption and ensure safety and continuity in use, all to the entire satisfaction of the Engineer.
37. Ground to be kept clear & Advertisements prohibited:- The Contractor shall at all times keep the site affected by the operations free from unnecessary obstruction and when works are completed, the contractor shall remove all rubbish and debris, unused materials, temporary buildings and other erections, tools machinery and plant and shall execute such works as will ensure the site of the works and any other areas used in connection with this contract, being left perfectly clear, all at his own cost and to the satisfaction of the company, and local authorities. The contractor shall deposit materials only on the site approved by the Engineer and the materials should not be stacked at random. The Contractor shall stack these materials as directed by the Engineer and shall keep the site clean and tidy, free from rubbish etc., All supplies, materials, rubbish etc., will be removed to the places fixed by the Engineer at the cost of the contractor. The contractor shall not exhibit, or permit to be exhibited, any advertisement on the works or on any lands acquired or leased by the company and shall not publish or disclose the details of his contract in any trade or technical paper or elsewhere, unless with the permission of the company.
38. Modification of the works: The Contract documents show and describe the general character of the works to be executed for the company, reserves power at any time to increase diminish, or dispense with or otherwise modify the works in extent, character, design, or construction. The contractor shall not increase, diminish, and dispense with or otherwise modify any of the works without the written instruction and authority of the Engineer. These stipulations shall not be annulled or weakened but shall stand good and effectual against the contractor although the company, may not, on every occasion, have insisted on strict compliance therewith. Any additions, deductions, omissions, or modifications so authorized by the Engineer shall in no way invalidate the contract but shall be part of as if the same had been expressly specified herein, and any such works shall be paid for as hereinafter provided.
39. The Engineer shall have power to make any alterations in omissions from, additions to or substitutions for, the original specifications, drawings, designs and instructions that may appear to the contractor to be necessary or advisable during progress of the work and the contractor shall be bound to carry out the work in accordance with any instructions which may be given to the contractor in writing by the Engineer and such, alterations, omissions, additions or substitutions shall not invalidate the contract, and any altered additional or substituted work which the contractor may be directed to do in the manner specified as part of the work shall be carried out by the contractor on the same conditions in all respects on which he agreed, to do the main work, and at the same rates as are specified in the tender for the main work. The time for the completion of the work shall be

extended in the proportion that the altered, additional or substitution work bears to the original contract work and the certificate of the Engineer shall be conclusive as to such proportion. And if the altered, additional, or substituted work includes any class of work for which no rate is specified in this contract, then such work shall be paid at the contract price for similar work, that is the price shall be based on and be fixed in proportion to the prices for similar work in the schedule. In the event of there being no price in the schedule applicable to work which has to be executed or which may be ordered by the Engineer or for similar work, then the price shall be fixed by agreement in writing between the company and the contractor signed by both parties before such works are commenced, and no such agreement become to the price shall be fixed afterwards, and if the altered additional or substituted work is not entered in the said schedule of rates, then the contractor shall within seven days of the date of his receipt of the order to carry out the work, inform the Engineer of the rate which it is his intention to charge for such class of work, and if the Engineer does not agree to this rate; he shall by notice in writing be at liberty to cancel his order to carry out such class of work and arrange to carry it out in such a manner as he may consider advisable, provided always that if the contractor shall commence his work or incur any expenditure in regard thereto before the rates shall have been determined as lastly hereinbefore mentioned, then and in such a case he shall only be entitled to be paid in respect of the carried out or expenditure incurred by the contractor prior to the date of the determination of the date as aforesaid according to such rate or rates as shall be fixed by the Engineer.

40. Company may use works before entire completion:- Before completion of the whole of the works company shall be entitled to make use of any portion of the works which the Engineer may consider to be fit for use, and that without liability in claim of any kind by the contractor or payment to the contractor for so doing, and any such use shall not relieve the contractor of his contract obligations, nor shall the period of maintenance expire for any part of the work so used until months after the whole of the works are completed as herein specified. Further, the company may enter possession of the works and may use the same without stating any objection they may then or afterwards have in regard to quality of materials and workmanship or failure in any way meet the contract requirements, and the company shall not be precluded thereby from thereafter stating and enforcing such objections, their rights in this respect being held to be reserved.
41. Record drawings may be kept:- The Engineer may prepare record drawings of all the permanent works as executed which is to form subject of measurement. These drawings shall be agreed and signed by the contractor, or his agent on his behalf, and by the Engineer on behalf of the company. It shall be competent for either party to dispute, subsequent to joint signature, the accuracy of any of the particulars recorded on these drawings.
42. Maintenance/Warranty:- The contractor will be required to maintain the whole of the permanent works in a thoroughly sound, substantial, efficient and perfect condition during the maintenance period specified in NIT after the actual date of completion of the whole of the works as certified by the Engineer remedying at his own cost and to the satisfaction of the Engineer and defects which may become apparent, prior to or during this period of maintenance, arising out of defective materials and workmanship or default, neglect or omission of the contractor, notwithstanding that the company here used portions of the works before the whole of the works were completed and the whole works throughout the period of maintenance, and all plant, tools, machinery and materials,

superintendence and labour and other devices of all kinds necessary for such maintenance of the works are to be supplied by and at the expense of the contractor. On expiry of the period of maintenance of the whole of the works, the work shall be delivered up by the contractor in such good order, conditions and repair as will be satisfactory to the Engineer and should it happen that any work of renewal for which the contractor is liable is in course of execution at the expiration of the period of maintenance such work shall, nevertheless, be completed by the contractor at his own expense. The security deposit of the contractor shall not be refunded before the expiry Maintenance Period, after the issue of the final certificate of completion of the works by the Engineer.

43. Remedial & Emergent works: - Should the contractor, at the expiry of the period of maintenance, fail to deliver up the works in a complete state of repair, the Engineer may value the cost of the remedial work, in his opinion necessary, and the value thereof as fixed by the Engineer which will be treated as final, shall be deducted from any monies due to the contractor. Should the contractor fail properly to maintain the works during the execution thereof or the period of maintenance, or to obey the orders of the Engineer in regard to maintenance or in the event of any failure accruing through defective works, materials and workmanship to the works comprised in the contract, necessitating immediate attention, the company shall have full power at once to put men on the work, and the company shall be at liberty to execute all such works as may be necessary for due and proper maintenance and in the event of failure, and all costs and charges incurred by the company upon such maintenance or remedial works shall be paid to the company by the contractor or the company shall be at liberty to deduct the amount from any sum or sums which may be owing by the company to the contractor or the company may recover the same from the contractor at law.
44. Certification of Completion:- The date of completion of the works shall be determined by the Engineer and certified by the contractor in writing, and no entry upon, taking possession of, working of using any part of the works, by the company prior to the giving of such certificate shall release the contractor from his liability under the contract, and the said certificate shall not relieve the contractor from any liability with regard to any defects in the materials or workmanship which may be discovered within the period of maintenance of the works.
45. Fair wage clause: - The contractor shall pay not less than fair wage to laborers engaged by the contractor on the work. "Fair wage" means wages notified by the collector of Visakhapatnam or any other Government Authority in force for the time being. The contractor shall notwithstanding the provisions of any contract to the contrary cause to be paid fair wages to laborers indirectly engaged on the work, including any labour engaged by his sub-contractors in connection with the said works, as if the laborers had been immediately employed by the contractor. In respect of all labour directly or indirectly employed in the works for the performance of the contractor's part of this Agreement, the contractors shall comply with or cause to be complied with the labour laws and regulations and other social ameliorative legislations made by the State and Central Governments from time to time in regard to payment of wages, wage period, deductions from wages, recovery of wages not paid and deductions unauthorized made, maintenance of wages cards, publication of scale of wages, Employer's contribution under the State Insurance Scheme and other terms of employment, inspections and submission of periodical returns and all other matters of like nature. The Engineer shall have the right to deduct from the moneys due to the contractor any sum required or estimated

to be required for making the loss suffered by worker or workers by a reason of non-fulfilment of the conditions of the contract for the benefit of the workers, non-payment of wages or deduction made from his or their wages, which are not justified by the terms of the contract or non-observance of the regulations. The Contractor shall be primarily liable for all payments to be made under and for the observation of the regulations aforesaid and has a right to claim indemnity from his sub-contractors. The regulations aforesaid shall be deemed to be a part of his contract and any breach thereof shall be deemed to be a breach of his contract. The contractor should pay not less than minimum wages to the contract labour fixed by the Commissioner of Labour, Government of Andhra Pradesh, from time to time, Accounts Department of Hindustan Shipyard will pass the bills subject to the production of a certificate obtained from the workmen cell of AMTZ that the minimum wages as fixed by the Commissioner of Labour, Government of Andhra Pradesh, have been paid to all the contract workmen engaged by them.

46. Fair wage: - The contractor shall in carrying out the contract pay rates and wages and observe hours and conditions of labour not less favorable to employees than those commonly recognized and agreed upon between employers and trade unions (or in the absence of such recognized wage, hours, and conditions, those which in practice prevail among good employers) in the trade in the district where the works are carried out. The contractor shall be responsible for the observance of this Fair Wage clause by any sub-contractor. The contractor shall cause the preceding condition to be prominently exhibited for the information for his work people on the premises where work is being executed under the contract. The contractor shall keep proper wage books and time sheets showing the wage paid and (so far as practicable) the time worked by the work people in his employment in and about the execution of the contract and shall produce such wages books and time sheets for inspection in so far as they relate to this contract whenever required by any person duly authorized in writing by the company or by the Engineer. All wages earned by workmen engaged on work under contract shall be paid direct to them and not through foremen or other supervising staff taking part in the operation on which the workers are engaged.
47. Overtime Sunday & Night work: - Work shall not be carried on between sunset and sunrise unnecessarily or on Sunday or Company's holidays unless with consent of the Engineer to whom the contractor shall give due notice of his intention to work at such times.
48. Return of Labour & Plant by contractors: - The contractor shall deliver to the company in the form prescribed by it, a detailed weekly return of all labour and plant employed on the works and of the expenditure on wages in connection with the works such return to be delivered as aforesaid on the Monday following the week during which such labour was employed.
49. Facilities to other Contractors: Possession of the land and property given to the contractor shall not be deemed to give the contractor exclusive possession and the contractor shall afford all reasonable facilities to any servants of the company or to other contractors who may be employed by the company or to any local or other authority to execute any other work, so that such work may be properly and conveniently carried on in accordance with the requirements of the company provided that such work shall be carried out in such a manner has not, in the opinion of the Engineer to impede unduly, the progress of the work included in the contract. The contractor will not be held responsible

for any injury, which may happen to any such other work or workmen employed thereon unless such injury is occasioned by the contractors' operations or by persons in his employment.

50. Observance of acts regulations, by laws etc.:- The contractor shall confirm and be subject to, and comply with all the restrictions and provisions which are contained in any general or local Government Acts and in any agreements, leases on other contracts which the company may have entered into or obtained with or from any local or other authorities, and the owners or holders of lands and properties or adjacent to the site of the works, and in any regulations, requirements and bylaws of the local authorities, having jurisdiction in respect of the site of the works, and give all notices required by the said bylaws or regulations. Contractors shall keep the company indemnified against all penalties and liabilities of every kind for breach of any of the conditions of any such act, agreement, regulation, or bylaw. The contractors shall pay and discharge all fees and charges payable to all authorities and companies and discharge and satisfy all claims for compensation or damages by such authorities and companies and companies which may become payable (or) which may have to be paid, discharged or satisfied in consequence of, (or) in connection with the construction, completion (or) maintenance of the works, and all such charges shall be held to be included in the contract rates and prices.

LIABILITIES & INSURANCES

51. Liability in respect of trespass interruption and damage: The contractor shall so carry on all his operations as not to encroach on (or) interfere with, trespass on, (or) injure the site (except as considered necessary by the Engineer for the proper execution of the works) adjoining dock, harbor, lands, buildings, roads nallahs, rivers, structures, places, and things in the vicinity of the works. The contractor shall take precautions to ensure the safe and regular working of all roads, harbor and other traffic; and business, public (or) private, which may be affected or interfered with by his operation and he shall bear all the consequences of, and shall be responsible for, and shall pay all costs and all claims for damages for and by reasons of trespass, inconvenience, interference, disturbance, annoyance, delay, injury (or) resulting from (or) caused by the execution (or) construction of maintenance of the works, to the dock or harbor (or) to the works (or) to any lands, structures thoroughfares, shipping (or) to any other property in which he may be preparing to execute, any work in pursuance of this contract, (or) to the owner (or) occupiers thereof (or) to passengers, persons (or) animals, (or) the company (or) to other contractors of the company (or) to any work being carried out by (or) for the company by reason of default on the part of himself, (or) his servants (or) workmen, (or) by reasons of such precautions not being taken (or) made which if taken (or) made would (or) might have prevented such trespass, inconvenience, interference, disturbance, annoyance, delay, accident, injury (or) loss being caused and should any claims be made against the company, and the same enforced by legal proceedings, the contractor shall at all times free, relieve, indemnify the company for and against all claims and expenses which may be made against or incurred by the company, by reason of all such trespass, inconvenience, interference, disturbance, annoyance, delay, accident, delay, accident, injury (or) loss. Provided always that in all cases of trespass, inconvenience, interference, disturbance, annoyance, delay, accident, injury (or) loss happening (or) resulting (or) caused by the execution (or) construction (or) maintenance of the works as aforesaid, the burden of proving that the same was not caused by reason of the default of contractor, his servants (or) workmen, as aforesaid shall lie with the contractor.
52. Liability for cost of repairs to roads: - The contractor shall free and relieve the company of any claims at the instance of the local authorities (or) other parties owning (or) responsible for the repair of roads, in respect of damages (or) due to traffic on the roads arising out of the execution of the work under this contract.
53. Contractors Responsibility & Risk: - The contractor shall make all the necessary provisions for and be responsible for the safety of all his workmen and for the preservation safety and security of the whole work, both temporary and permanent against every description of injury, failure and damage until they are handed over to the company completely finished and maintained in terms of the contract and he shall immediately make good, to the satisfaction of the Engineer any injury, failure (or) damage that may occur to them and indemnity of the company against all claims. If, in the opinion of the Engineer, such failure, injury or damage, shall have been caused by some default, neglect, (or) omission on the part of the contractor in the execution (or) maintenance of the works, then (and in this instance only) the cost of the necessary remedial works compensation (or) other expenses incurred shall be held to be a direct charge against the contractor, which if not paid by the contractor may be deducted by the company from any monies which are due to the contractor under terms of this contract.

54. **Compensation to workmen:** - As between the company and the contractor shall be responsible for and make good any claim for compensation for injuries to any workmen employed or engaged by the contractor or by any sub-contractor in connection with the work under this contract. Whether arising in common law or by statute, and the contractor shall keep the company indemnified from all such claims. The contractor shall insure with a first-class insurance company, to be approved by the company, against any such claims, including his obligations to indemnify the company, and the contractor shall at his own cost, pay the premier of said insurance and submit to the company the receipts for the said premier. The contractor shall take Group Personal Accident (GPA) policy with a coverage of INR 25 lakhs (Twenty-five lakhs' Rupees Only) for each person engaged on the work to cover the accidental risks / damages in case of any untoward incident.

55. **Insurances:** All boilers and air receivers which may be used with the plant shall be inspected and guaranteed or certified as safe by the Inspector of Boilers, Visakhapatnam and shall be insured before they are brought on the works and shall be kept insured until they are removed from the site. Insurance policies unaccompanied by guarantees or certificates of safety will not be accepted as a fulfilment of this condition. The contractor shall from time to time insure to their full value against loss or damage by fire with a first class insurance company, to be approved by the company, the temporary buildings and plants, and all materials and temporary and permanent works of a combustible nature, as soon as the same have been brought on the site, and shall keep the same insured until the company has taken possession of the permanent works. The contractor shall also insure against all third-party risks, and other risks referred to in clauses 50 and 53. The policies, receipts for premier, guarantees and certificates shall, if required be deposited with the company, and the company reserves the right to withhold any payment whatever, or any instalment under provisions for payment herein contained, until all the provisions of this clause have been complied with. Unless otherwise directed, all insurance which the contractors are required to effect under the provisions of this contract shall be taken out in the joint names of the company and the contractor. **Application of insurance money:-** Should the works, buildings, plant, machinery, materials or any part thereof be damaged or lost during the period of construction and maintenance by any risk to be insured against, the contractor shall proceed with the utmost dispatch to make good the damage or loss aforesaid, and every sum of money received upon the policy or policies shall be paid to the company, and subject to the conditions set out under clause no.52, paragraph-2, be paid by them to the contractor by such instalments as the company shall think proper, having regard to the progress made by the contractor in making good the damage or loss aforesaid and so far as such damage ought, in the opinion of the company to be made good for the proper conduct of the works or the construction. **Completion and maintenance of the works,** If and so far as the said monies shall not be required for the purposes aforesaid, the monies will be paid over to the contractor. If and so far, as such monies shall be insufficient for the purpose aforesaid, the deficiency shall be borne by the contractor.

FINANCE

56. Measurements of works: The whole of the works, as actually executed shall be paid for according to the actual quantity of each description of work under the several heads or items names and described in the schedule, at respective prices set opposite each description of work in the schedule. Excepting where otherwise specified, all measurements of the works executed and materials used shall be the net measurements according to the authorized dimensions of the respective works when finished notwithstanding any local or general custom of measurement to the contrary, and in no case shall any dimensions or quantities be included in the measurements or any weights or quantities be included in the accounts or be paid for which shall exceed the dimension, quantities or weights ordered by the Engineer to be used on any part of the contract, or ordered by the company as herein provided for as modified or extra works. The contractor shall, before the surface of any portion of the grounds is interfered with or the work is put in hand, in conjunction with the Engineer examine the site and the plans and sections of the works and take such additional levels and soundings as may be necessary and shall agree as to the surface levels and soundings with the Engineer such agreement shall be recorded in writing and shall be signed by the contractor and by the Engineer, and shall form the basis of the measurement of the permanent work.

57. Contract prices: The contract rates and prices shall be deemed to include all labour, materials, use of plant, tools, temporary works and buildings etc., insurance, sales tax contribution to the corporation formed under the State Insurance Act establishment charges, profit, supervision, transport, testing and other charges and fees water, light and power etc., and every expense incurred in the proper and due execution, completion and maintenance of the works, and shall be accepted by the contractor in full satisfaction and discharge of every obligation imposed upon the contractor by these conditions of contract and by the specification and for all and every description of work executed and described or otherwise referred to in these conditions of contract, the specification, the schedule and on the drawings.

58. Except where otherwise stated, no extra payment beyond the contract prices will be allowed for incidental or contingent work, labors, and materials, usual or necessary for the proper completion of the work or for works specified, whether the expression "at the cost of the contractor" or "at his own expense" or "without extra charge" or expression of similar meaning be used or not. When no item is entered or priced or sum is stated in the schedule, for any incidental or contingent works usual or necessary, whether specified or indicated in the drawings or specifications or not, payment for the same and the whole operations connected therewith nevertheless be held to be included in the contract rates and prices. No extra rates and prices over those stated in the schedule will be allowed to the contractor in consequence of any variation in the quantity of work to be executed, whether larger or smaller, unless in the opinion of the Engineer such variation should be unreasonable in amount and materially affect the completion of the contract. Except where otherwise stated no variation in the contract rates and prices shall be made on account of any rise or fall in the cost of labour, materials, plant, or other things which may take place during the execution of the works or period of maintenance, or in respect of night or Sunday work, which may take place during the contract. The quoted rates are exclusive of applicable taxes. Applicable taxes should be included at technical bid. Tax clause pertaining to erstwhile sales tax act mentioned in the tenders are no more

applicable as GST Act came into the force.”

59. It must be clearly understood by the contractor that no claim on account of enhanced rates on those items of work already accepted due to fluctuations of rates of materials, will be entertained during the currency of the contract for the work as per schedule attached to the agreement and the additional work, if any, under clause 38 of the contract.
60. Lump sum: All lump sums which the contractor has affixed to schedule items, shall be considered as the full inclusive value of the work as described in the contract documents and the contractor will not be entitled to any additional payment on account of the work performed being more costly than allowed for.
61. Monthly statements of work: The contractor shall furnish to the Engineer with monthly statement of work, in an approved form, showing in detail the quantities and values of all work executed up to date and in the event of extra charges or claims of any kind being proposed to be made by the contractor for, or in connection with, works executed, as well as giving previous and due notice in writing, of the intention to make such charges or claims, the contractor shall be bound to state separately and show in detail all such charges and claims under separate headings in his monthly statements and render these to the Engineer at the end of each month in which the work, on which such charges or claims are based, was executed. The monthly statements of work, values, charges, or claims shall not be founded on by the contractor in any way, although the Engineer may have notified the contractor of their inaccuracy of the company's intention to disclaim them.
62. Monthly Payments and Retention: Subject to the conditions hereinbefore mentioned, monthly payments to accounts shall be made to the contractor by the company on the Engineer's certificate under deduction for five percent upon each payment. The bills for payment should be on printed forms or typed ones, approved by the company. The monies so deducted shall be retained and be held by the company as referred to in clause 3 as a security deposit for fulfilment of the contract obligations until the contractor's final account for the whole of the works has been rendered and completely adjusted. The contractor shall have no claim on the company for interest on the monies so deducted, which will be released after a maintenance period. The monthly payments to account shall be based on the contract prices, so far as modified and varied by the Engineer, after taking into consideration the character and probable cost of the unfinished works at the time may consider adequate to represent the proportionate value of the work executed, as compared with the total value of the work still to be executed and the specified requirements and amounts stated in the schedule. It is to be distinctly understood that all periodical certificates of the Engineer are for payments to account only; and shall not be held to signify the approval of the whole or any part of the works or materials included in such certificates. It should also be understood that all intermediate payments shall be regarded as payments by way of advances against the final payment only and not as final payments for work done and completed. Failing the contractor's compliance with any of the conditions of the contract, the company reserves the rights to suspend or withhold any certificates of payment. Should the contractor consider the monthly payment in any instance to be deficient, he shall be entitled to appeal to the Arbitrator, but this shall not entitle the contractor to delay the works or form any ground for claims against the company and the contractor shall have no claim for interest on any balance found due to the contractor

by reason of deficiency in the monthly payments.

63. Payments for materials on site:- Payment to account will be made on the value of the non- perishable materials delivered on the site, to be used in the permanent works, on which materials, if they are of satisfactory quality and provided on greater quantities than are reasonably necessary have been delivered and for the unmeasured incomplete works allowance not exceeding seventy five percent of their value (as per the firm's bill) will, at the option of the Engineer be included on the monthly payments. When so included and paid, the recovery of such payments to account shall be affected in the subsequent bill or bills. No such further payment to account on materials will be made till the previous amounts is recovered and adjusted in full.
64. Delay in payments by contractor to sub-contractor:- If the Engineer shall have cause to believe that the contractors is unless specifically asked by the Engineer to refrain from making such settlement, unduly withholding or delaying the settlement of accounts of indemnities to any sub- contractor, suppliers of plant or materials, or to any local authorities or other person in connection with the contract, he shall have power, if he shall think fit in his discretion, to arrange for direct payment by the company to such sub-contractor, supplier of plant or materials, to such local authorities or persons. The company shall be entitled at all times to deduct them any sub-sequent certificates issued by them to the contractor the money so paid by the company on the contractors behalf, and all charges payable by the contractor to the company including the amounts paid for which the contractor is liable, provided that no payment in the manner above referred to shall be held to relieve the contractor from any of his liabilities under the contract.
65. Final account and payment:- Within three months after completion of the works as certified by the Engineer, the contractor shall be bound to render the company a final and completely detailed account of all work executed by the contractor failing which the account will be held to be closed, discrepancies and adjustments of the final detailed accounts shall be settled between the contractor and the company in an expeditious manner and within one month of such final settlement the company shall pay the balance, if any, due to the contractor which balance without interest thereon shall be paid under deduction of five percent of the amount of the final account, to be retained in security for the maintenance of the work during the contract period of maintenance months, and under deduction unless previously deducted or otherwise settled of any sum or sums for which the contractor may have become liable by delay in completing the works, or of which the contractor may be under obligation to free and relieve the company, or which may fall to be deducted in terms of these conditions of contract from any monies due to the contractor or otherwise, and no expiry of the period of maintenance and when the company is satisfied that the terms of the contract have been complied within full the balance, if any, due to the contractor shall be paid without interest. The security deposit will be retained up to the end of the maintenance period.

DISCREPANCIES AND DISPUTES

66. Discrepancies in Documents: - Should there hereafter appear to be any discordance or want of agreement in respect of description, dimensions, or quantities, between the Drawings the specification and the Schedule, the matter shall be referred to the Engineer whose decision shall be followed by the contractor. The contractor shall point out all cases of discrepancy to the Engineer before proceeding with the several works, whose decision or interpretation in the matter will be final and binding on the contractor.

67. Accuracy of schedule not guaranteed: - Accuracy of the schedule is not guaranteed, and it must not be assumed particularly to name all the work, labour, and materials or to include and describe every detail of the work and operation, but must be taken and read with the other contract documents. The contractor shall not order the quantities of materials from the schedule, but must take his own particulars from the drawings and the site.

68. Determination of contract in the event of default:

- a) If the contractor shall become bankrupt, or have a receiving order made against the contractor or shall present his petition in bankruptcy, or shall make an arrangement with or assignment in favor of his creditors, or shall agree to carry out the contract under a committee of his creditors, or being a corporation shall commence to be wound up (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) or if the contractor shall assign or sublet the contract without the consent in writing of the company first obtained, or shall have an execution levied on his goods, or if the company is of the opinion that the contractor.
 1. Has abandoned the contract, (or)
 2. Had failed to commence the works or has suspended the progress of the works for 14 days after receiving from the Engineer written notice to proceed without any lawful cause under these conditions, (or)
 3. Has failed to proceed with the works with due diligence, (or)
 4. Has failed to remove materials from the site or to pull down and replace work for 14 days after receiving from the Engineer written notice that the said material or work were condemned and rejected by the Engineer under these conditions. (or)
 5. Has failed to give the company proper facilities for inspecting the work, or any part thereof for 14 days after receiving from Engineer written notice demanding the same, (or)
 6. Has failed to submit any work or materials to proper tests for 14 days after receiving from the Engineer written notice requiring the same, (or)
 7. Is not executing the works in accordance with the contract or is persistently (or) flagrantly neglecting to carry out his obligations under the contract.
 8. Has to the detriment of good workmanship or in defiance of the company's instructions to the contrary sublet any part of the contract, Then the company may after giving 7 days' notice in writing to the contractor enter upon the site and works and expel the contractor there from without thereby avoiding the contract or releasing the contractor from any of his obligations or liabilities under the contract, or affecting the rights and powers conferred on the company or the Engineer by the contract, and may itself complete the work or may employ any other

contractor to complete the works and the company or such other contractor may use for such completion so much of the constructional plant, temporary works and materials on site as it or they may think proper and the company may at any time sell any of the said plant. Temporary works and unused materials and apply the proceeds of the sale in or toward the satisfaction of any sum due or to become due to it from the contractor under the contract. The company is also at liberty to act under clause 6 of this agreement.

- b) If the company shall enter and expel the contractor under this clause it shall not be liable to pay to the contractor any money on account of the contract until the completion of the works as certified by the Engineer and the expiration of the period of maintenance and the cost of completion (if any) and all other expenses incurred by the company have been ascertained and the amount thereof certified by the Engineer. The contractor shall then be entitled to receive only such sum or sums (if any) as may be certified by the Engineer to be due to the contractor after deducting the said amount. But if such amount shall exceed that sum which would have been payable to the contractor on the completion of the contract, then the contractor shall upon demand pay to the company the amount of such excess.
- 69. Settlement of disputes: - All disputes between the parties shall be referred to the sole arbitration of the Chairman, MedTech Society, or a person to be appointed by the Chairman And Managing Director and if the arbitrator so appointed resigns his appointment or vacates his office or is unable to and unwilling to act due to any reason whatsoever, the authority appointing the contractor may appoint a new arbitrator to act in his place. The arbitrator appointed may from time to time with the consent of parties enlarge the period for making and publishing the award. The arbitrator shall on all matters referred to the contractor indicate his findings along with the sums awarded separately on each individual item of dispute and the venue of arbitration shall in all cases, subject to the convenience of the arbitrator, be Visakhapatnam only. The award of the arbitrator shall be final and binding subject to the provision of the Indian Arbitration and Reconciliation Act, 1996.

Manager (OS)

Signature of contractor

Annexure-3

ACCEPTANCE FORMAT DETAILED TERMS AND CONDITIONS

Name of the work: - Construction of Paralympic Technology Centre at AMTZ Campus, Visakhapatnam.

Tender No.: MTS/ATE/2026/001

Clause No	Bidder's remarks (ACC/NO/DEV)	Clause No.	Bidder's remarks (ACC/NO/DEV)
I		VIII	
II		IX	
III		X	
IV		XI	
V		XII	
VI		XIII	
VII		XIV	

Company Seal

Signature:

Name:

Contact No.

E-mail id:

Note:

1. Bidders should read the detailed terms and conditions included in the tender carefully prior to filling up this acceptance format.
2. This scanned copy of this format should be properly filled duly signed and submitted along with your technical bid for considering your bid.
3. Management reserves the right to conduct reverse auction for finalization of overall L1 bidders.
4. You must maintain hindrance register for the work, in addition to certain site records & registers like (i) daily log sheet/report, (ii) works diary, (iii) employment register, (iv) attendance register, (v) acquaintance register, (vi) measurement book, & (vii) work completion certification, etc.
5. The contractor should maintain all the relevant registers/records like hindrance register at site & consumption/materials brought to site etc.
6. Please indicate: "ACC" – For accepted, "No" – For not accepted, and "DEV" - For deviation.
7. Separate sheet to be attached for any deviation taken by you.

Manager (MTS)

Signature of contractor

Annexure – 4

SPECIFIC TERMS AND CONDITIONS

Name of the work: - Construction of Paralympic Technology Centre at AMTZ campus, Visakhapatnam.

Tender No. MTS/ATE/2026/001

1. The tender is to be submitted offline at pivot building, AMTZ Campus, Pragati maidan, Steel Project S.O., Visakhapatnam, Andhra Pradesh, 530031, India.
2. The experience and past performance on similar contracts during last 07 (Seven) years ending last day of month previous to the one in which applications are invited should be either of the following:

3. Similar Works Means:

- a) Civil works pertaining to construction of stadiums, Health facilities or sports infrastructure facilities, more or less similar in nature and scope to the proposed work.
- b) The tenderer should have proven experience in construction of sports facilities, including supply and installation of associated furniture and fixtures.
- c) The bidder, whether participating individually or as part of a consortium, shall have successfully completed civil construction works aggregating to a minimum built-up area of 1,00,000 (One Lakh) square feet during the last three (3) financial years.

Above Three conditions are MANDATORY

- (i) Average annual turnover of the firm during immediate last 03 (Three) consecutive financial years shall be at least INR 60 crores (Excl. GST @ 18%).
4. The firm should have EPF & ESI code, GST Reg. Number, Income tax registration certificates and PAN Number etc., Copies of all these certificates should be uploaded along with “Techno-Commercial Bid.”
5. Documentary evidence viz., Balance sheet & TDS/TCS certificates (Form 26AS) & Annual turnover certificate from Chartered Accountant shall be submitted wrt. Last three years of IT returns.
6. The bidder should submit copy of GST registration.

Manager (MTS)

Signature of contractor

Annexure – 5

SOME OF THE CONDITIONS OF CONTRACT

Name of the work: - Construction of Paralympic Technology Centre at AMTZ Campus, Visakhapatnam

Tender No. MTS/ATE/2026/001

AMOUNT OF THE SECURITY DEPOSIT TO BE RETAINED TILL END OF THE WORK	(a) 5% of the value of work done (2.5% through security deposit in the form of Bank Guarantee / Demand Draft to be submitted within one week from the date of receipt of LOA and balance 2.5% through Bills). (b) This SD amount shall be released on completion of DLP period.
AMOUNT OF COMPENSATION FOR DELAY	@ 0.5% of the value of contract amount for every week (or) part thereof if the work is unfinished beyond due date of completion subject to a maximum of @ 10% on the value of contract amount.
MAINTENANCE PERIOD OF WORK	01 year from the date of completion of work.
TERMS OF PAYMENT	a) 30 % advance along with work order. b) 10% upon completion till Plinth beam. c) 20% after completion of Erection of super structure d) 20% on completion of Civil finishings, Furniture, MEP & HVAC e) 15% on handing over. f) 5% DLP for 1 year.
PERIOD FOR COMPLETION	300 days from the date of LOA
NOTE	The contractor shall take Group Personal Accident (GPA) policy with a coverage of INR 25 lakhs (Twenty-Five Lakhs Rupees Only) for each person engaged on the work to cover the In-case any risks like cause accidental or injury or in case of any untoward incident. Please refer Para 55 of Major Agreement forms i.e. Annexure - 1

Manager (MTS)

Signature of contractor

Annexure – 6

DETAILED TERMS AND CONDITIONS

- I. Mode of submission of offer: As specified in the tender document offer is to be submitted in two bid system at *pivot building, AMTZ campus, Pragati maidan, Steel Project S.O., Visakhapatnam, Andhra Pradesh, 530031* only.
- II. Techno – Commercial Bid & Price Bid: Tenderers should quote for all items as per tender requirement and submit their offer clearly in compliance with technical specification and commercial conditions in the technical part of offer and price exclusively in the price part of offer. The tenderer shall go through the technical specification & other terms thoroughly and quote accordingly without giving any scope for submission of supplementary bids which may leads to rejection of offer. Bidders are required to quote the unit rates including all taxes & Duties except Service Tax. The prices quoted in the BOQ shall be considered as final.
- III. Procedure for submission of Bank Guarantee: Bank Guarantee should be executed on the non – judicial stamp paper of Rs.100/- which should be obtained in the name of the executing banker. In case a single stamp paper of Rs.100/- is not available, stamp paper of multiple denominations is acceptable provided serial no. of such stamp paper are consecutive and are purchased on the same date. Bank guarantees should be executed strictly as per the MTS's format. BG must be submitted in banker's sealed envelope directly to our commercial division, civil engineering out sourcing department, addressing to MedTech Society, Visakhapatnam-530031, Andhra Pradesh, India.
- IV. Right of Invocation of Bank Guarantee: MTS reserves the right to invoke the bank guarantee at any time during its validity period in the event of failure/breach of any terms of this contract.
- V. Tender fee: Not Applicable.
- VI. Earnest Money Deposit: EMD if prescribed in the tender, should be submitted in the form of DD to be submitted in a separate sealed cover and to reach to MedTech Society, AMTZ Campus, Visakhapatnam-530 031, Andhra Pradesh, India. On (or) before the tender opening date and the soft copy is to be shared to the email id: info@medtechsociety.in. The EMD amount of the unsuccessful bidders will be refunded after finalization of the order. Tenderer claiming exemption from payment of EMD shall obtain approval from the company, before submission of their tender and enclose original approval of the company granting exemption from payment of EMD in a separate cover and to reach MedTech Society, AMTZ Campus, Visakhapatnam- 530031, Andhra Pradesh, India, on or before the tender opening date and the soft copy is to be shared to the email id: info@medtechsociety.in, failing which their offer will be liable for rejection.
- VII. General Directions & Preamble:
 1. The tenderer shall quote / price the Schedule-A strictly based on the items of work listed hereinafter.
 2. Condition for minimum wages: The minimum wages as amended from time to time by Govt. is to be paid to the workman/Tradesmen/Technicians by Contractor.
 3. The quantities inserted in Schedule – A, are approximate. The work will be measured on completion and the contractor will be paid for the actual measurements of work

certified by the Engineer.

4. If any item of work has not been covered in the specification such items of work shall be executed as described in the CPWD Standard Schedule of specifications which is available in the Out Sourcing office for reference. The contractor shall calculate his own details and insert his unit rate and amount against each item of Schedule-A under columns 5 and 7 respectively.
5. The total of Schedule-A is not firm but will be treated as the “Contract sum / Value of Work.” The aforesaid unit rates shall be based on the description of items in Schedule-A specifications attached herewith. It is an express condition of this contract that the rates quoted by the contractor in the tender for various works shall be deemed to include for the full, entire, and final completion of the items of works in accordance with the provisions of the contract. The company will not entertain any claim whatsoever on account of inaccuracies / misunderstanding if any, in the above said rates.

VIII. The work is to be executed in the premises of zone. It is an express condition of this contract that the work shall be carried out without disturbing or dislocating or obstructing the activities of the zone. The contractor will be required to comply strictly with the requirements and his tendered rate shall be deemed to include for all such precautions and extra work necessitated, which is not specifically described or itemized in this schedule.

IX. Risk Contract: If the successful tenderer fails to execute the work within the stipulated contract period, MTS reserves the right to execute the same at the vendor's risk, responsibility, and cost. Any extra cost incurred in the execution of work from alternative sources will be recovered from the Bank Guarantee / EMD and if the value of the work under risk contract exceeds the amount of Bank Guarantee / EMD, the same may be recovered, if necessary, by due legal process and Tender Holiday is also given to that contractor if required.

X. In case of non-compliance of the following conditions, offers are liable for rejection. MTS reserves the right to reject / accept any offer without ascertaining the reason:

- a) Offers not complying with tender requirements in respect of certain commercial terms viz., tender fee, & EMD as per tender, validity of offer, are liable for rejection.
- b) Tenderers should quote for all items/works as per tender requirement and submit their offer clearly in compliance with technical specifications. Part offers are liable for rejection.
- c) Bidders shall submit their offer covering the total technical scope of requirement as per tender schedule failing which their offers are liable for rejection.
- d) Bidder's failure to submit sufficient or complete details for evaluation of the bids even after reasonable time.
- e) Incomplete / misleading / ambiguous bids in the considered opinion of Technical Negotiation Committee.
- f) Bids with technical requirements and or terms not acceptable to AMTZ.
- g) Bids received without EMD (other than those who are exempt from payment of EMD), as specified in the tender.

XI. Right of Contract:

- a) MTS reserves the right to finalize tender on overall L1 basis.
- b) MTS reserves the right to accept or reject any one or all the offers, in part or in full and

/Or to divide the order among the tenderers, without assigning any reason.

- c) The intending tenders shall inspect the sites and make themselves familiar with the site conditions before submitting their tenders. No claim consequent on misunderstanding whatsoever of the facts stated shall be entertained.
- d) Quantities are approximate. During the execution of work actual shall only be measured (some items may be deleted / added) and paid and the contractors shall have no claim whatsoever reason may be on accounts of variation in schedule quantities deletion of items.

X. Period of Completion: As per refer of NIT.

XI. Maintenance Period: As per refer of NIT.

XII. Scope of Contract / Work:

- a) Location: - AMTZ Campus, Visakhapatnam.
- b) Scope of Contract & Basis of Payment: - This work must be carried out in AMTZ Zone as per Scheduled items mentioned in BOQ / Price Bid. The contractor should maintain all the relevant records like works dairy, employment register, attendance register, wage cum acquaintance register, PF eligibility registers etc., and they should produce for inspection to MTS management and P.F. Authorities on demand at any time. Payment will be made for the actual quantity items of work carried out. (For detailed scope of work please refer to Tender Technical Specification attached to Tender Document).

XIII. Mode of Payment:

- 1. Income Tax / all statutory deductions shall be deducted from the bill of the contractor as per existing regulations.
- 2. The work is to be carried out in the Zone. The contractor shall take all precautions for carryout the work, without disturbing or dislocating the activities of Zone. No claim what so ever on the misunderstanding the situation will be entertained.
- 3. The contractor will be required to comply strictly with all the requirements and his quoted rates shall be deemed to include for such precautions.
- 4. The work is to be carried out on all the days including Sundays and holidays depending on the necessity. For working on Sundays/holidays necessary permission from department shall be obtained in advance.
- 5. The contractors will be fully responsible for any pilferage or misuse of any Zone materials or equipment by their employees.
- 6. In case the services provided by the contractor are unsatisfactory or irregular, the contract shall be terminated at the sole discretion of the MTS by giving One (01) month notice.
- 7. The contractor shall ensure that his personnel shall maintain utmost secrecy of any information / data / drawings etc., given to his personnel in the course of their contractual employment. In case of breach of this condition, action as deemed fit under the Official secrets Act will be taken against the contractor and his concerned personnel.

XIV. Insurance:

- a) The contractor should invariably take risk insurance for all the workmen engaged in work as well as the third-party insurance in addition, the contractor must comply with all the safety regulations in force and comply with the same and use all safety equipment etc. The quoted rates of contractor shall include for all risk insurance policy and workmen's compensation policy and third-party insurance policy and all safety regulations.
- b) Safety: The contractor shall make all necessary provisions and arrangements for safety of men at work viz., safety belts and proper safety of the workmen as stated in safety and prevention guideline. The rate quoted shall be deemed to include cost of these safety measure and contingencies. The entire work should be done at heights ranging from 10M to 55M. All the safety norms / precautions must be taken.
- c) Employees State Insurance Scheme: The ESI contribution (both employer's contribution and employee's contribution) is to be remitted in prescribed challans in any one of the approved branches of Bank on or before 31st of the succeeding month.
- d) All the regulations of Acts that are in force in the area i.e., Factory Act including EPF & ESI Act, Income tax, Sales Tax Act, service tax, as amended from time to time are applicable to this contract and the same shall be strictly observed by the contractor.
- e) Force Majeure: Unforeseeable causes beyond the control and without any fault or negligence of either party which effect delay or failure to fulfill this agreement partially or wholly shall be regarded as force majeure and shall include causes such as Acts of God, War, Fires, Floods, Epidemics, Quarantines, Govt. Restrictions, Strikes, Earth Quakes, etc.
- f) Jurisdiction: The enforcement of the terms of the contract as well as all the transactions entered into by the suppliers with purchasers shall be deemed to have taken place within the jurisdiction of Visakhapatnam where purchaser works and office are situated and any cause of action arising in the due performance or breach of the Contract by either of the Parties hereto shall be deemed to have arisen within The jurisdiction of Visakhapatnam notwithstanding the residence or place of business of the Contractors / Suppliers.
- g) Responsibilities of the Tenderer: - The responsibilities of the tenderer shall be as follows.
 - i) The tenderer is to satisfy himself fully with the terms and conditions of the contract. No Claim on grounds of lack of knowledge, in any respect, shall be entertained.
 - ii) Each tender document is required to be signed by the person submitting the tender clearly indicating the name and designation of the person signing. Overwriting of figures in tender document is not permitted.
 - iii) The tender submitted on behalf of the firm / company shall be signed by all the partners of the firm or by a partner who has the necessary authority on behalf of the firm to enter into the contract.

iv) The contractor shall be obliged and solely responsible for all statutory and security requirements in respect of the manpower engaged by the firm. MTS shall not be a party to any dispute arising out of such deployment by the contractor.

v) The manpower deployed by the contractor under this contract shall be employees of the contractor and in no circumstances shall ever have any claim of employment with the customer.

vi) The contractor should ensure payment and terms & Conditions of the employment as per relevant laws/rules/instructions promulgated by Govt. authorities from time to time. The contractor would be solely responsible for compliance of these laws/rules/instructions at his cost.

vii) The contractor should abide by the statutory Acts of the minimum wages, bonus, and other statutory requirements as per current order in force while quoting for manpower and should be able to justify the same to customer's satisfaction.

viii) The contractor shall be responsible for all commissions and omissions on part of manpower engaged for the purpose. The customer shall not be responsible in any manner whatsoever, in matters of injury/death/health etc., of the contractor's employees performing duties under this contract.

ix) The contractor shall detail his own supervisor to oversee and coordinate with departmental officers that the personnel deployed are complying with and carrying out the tasks on which they are detailed.

- a) Stamp Duty: The stamp duty payable, if any, on this agreement shall be borne by the contractor.
- b) Security Regulations: The Contractor shall abide by all the Security regulations at site promulgated by MTS, or its officials from time to time. No unauthorized person shall be allowed to enter restricted areas in MTS. The operating personnel shall limit their movements to the area and shall not trespass to the surrounding area. They are also bound by the Official Secrets Act in respect of all information they become privy to in the course of their Work and should not discuss / divulge this information to unauthorized persons.
- c) Indemnity: The Contractor shall indemnify the MTS, officers and other employees from all liability, claims, costs expenses, taxes and assessments, including penalties, punitive damages, attorney's obligations or for which the Contractor assumed responsibility including those imposed by local or National law or laws or in respect to all salaries, Wages or other compensation of all persons employed by the Contractor in connection with the performance of any acts covered by the contract. The Contractor shall execute and deliver and shall cause his sub-Contractors to execute and deliver such other further instruments and to comply with such requirements of such laws and regulations as may be necessary there under to confirm and effectuate his contract and to protect the MTS officers or employees.
- d) Compliance with Statutory and other Regulation: The Contractor shall in all matters arising in the performance of the Agreement conform at his own expense with the provisions of all Central or State Statues, Ordinances or Laws and Rules, Regulations or Bye-Laws of any local or other duly constituted authority and shall keep the MTS or its officials indemnified against all

penalties and liabilities of every kind of breach of any such statutes, ordinances, laws, rules, regulations and By-laws. The Contractor shall give all notice and pay fees, taxes etc., required to be given or paid under any Central or State statutes, ordinances or other laws of any regulations or Bye-laws of any local duly or other constituted authority in relation to the services of the Agreement.

- e) Accident (or) injury to Supervisory Staff: The Contractor shall be solely liable for any accident or injury that may happen to any of the personnel engaged by him in connection with the contract work according to respective contracts. MTS or its officials shall not be liable for or in respect of any damage or compensation payable at law in respect of or in consequence of any accident or injury to any personnel in the employment of the Contractor and the contractor shall indemnify and keep indemnified MTS or its officials against all such claims, damages, compensations, and proceedings. The Contractor shall forthwith report to MTS or its officials all cases of accidents to any of the personnel / Workmen and shall make every arrangement to render all possible assistance and aid to the victims of the accident.
- f) Preservation of peace: The Contractor shall take required precautions and use his best endeavor to prevent any riotous or unlawful behavior by or his Workmen and / or others employed by him and for the preservation of peace and protection of the inhabitants and security of property about the site. In the event of the Director, Corporate planning & Personnel, MTS, requiring the maintenance of a special police force at or in the vicinity of the site during the tenure of the contract, in consequence of the riotous or unlawful behavior by or amongst, the contractor and / or those employed by him, all expenses thereof and costs of all damages due to such riotous or unlawful behavior shall be borne by the contractor and if paid by MTS, or its officials shall be recoverable from any money due or that may become due to him by the Director, Corporate Planning & Personnel MTS.
- g) Care of Work: From the commencement to the completion of work, the contractor shall take full responsibility for the care of work and in case of any damage or loss to equipment or material, the contractor shall at his own cost replace or repair and make good the damaged or lost equipment and material.
- h) Validity: Price quoted shall be firm and valid for 180 days from the date of opening of Bid and same shall be extended further for a certain period (if required) to enable finalize the matter Please confirm.

XV. Conditions & General Description of Contract: - There are total 68 Clauses and all these clauses shall be agreed by Contractor. The above points are to be strictly complied with while submitting your offer, failure to comply the above points may disqualify the tenderer in Toto.

Manager (MTS)

Signature of contractor

Annexure – 7

PAYMENT TERMS & CONDITIONS OF CONTRACT

Name of the work: Construction of Paralympic Technology Centre at AMTZ campus, Visakhapatnam.

Tender No.: MTS/ATE/2026/001

Total Contract Value: INR 30 crores + GST

PAYMENT TERMS

S. No	% of Payment to be Released	Description of Milestone
1	30	Advance to be paid upon issuance of work order
2	10	Upon completion till Plinth beam
3	20	Upon completion of Erection of super structure
4	20	Upon completion of Civil finishings, furniture, MEP & AC
5	15	Upon handing over
6	5	DLP for 1 year

OTHER TERMS

Security Deposit	5% of the value of the Work Order shall be released upon completion of DLP period.
Amount Of Compensation for Delay	0.5% of the value of contract amount for every week (or) part thereof if the work is unfinished beyond due date of completion subject to a maximum of 10% on the value of contract amount.
Maintenance Period of Work	01 Year from the date of completion of work
Period For Completion	300 days from the date of LOA
Note	The contractor shall take Group Personal Accident (GPA) policy with a coverage of INR 25 lakhs (Twenty-Five Lakhs Rupees Only) for each person engaged on the work to cover the In-case any risks like cause accidental or injury or in case of any untoward incident. Please refer Para 55 of Major Agreement forms i.e. Annexure- 1

Manager (MTS)

Signature of Contractor

FINANCIAL BID FORMAT

Project: Construction of Paralympic Technology Centre at AMTZ campus

Location: AMTZ Campus, Visakhapatnam

Name of Bidder: _____

Contact Details: _____

GST No: _____

Sl. No.	Description of Item	Unit	Quantity	Rate (INR)	Amount (INR)
A	Earth Work				
	Excavation				
	Backfilling				
	Anti-termite treatment (5yrs guarantee)				
B	Concrete Work				
	Cement concrete M-10/1:3:6 for Foundation and Plinth PCC including dewatering, form work, compacting, roughening them if special finish is to be provided, finishing if required and curing etc.				
C	Reinforced Cement Concrete (RCC)				
	Ready Mix Concrete (R M C)				
	M-25 Grade				
	Centering & shuttering including strutting, propping etc. & removal of form at all levels using MS Sheeting for all suspended slabs & beams i/c columns & Brackets etc.				
	REINFORCEMENT				
	Cold twisted bars/ T M T bars. Fe 500				
D	Masonry Work				
E	Wood, Steel & UPVC Work				
F	Flooring				
G	Roofing & Waterproofing Work				

H	Finishing works				
	Internal Plaster				
	External Plaster				
	Painting				
I	Miscellaneous Work				
J	Road And Pavement Work				
K	Shed Structure & Sheeting Work				
L	Design Charges (Arch+Structure+MEP)				
M	Fountain Works				
N	Internal Electrical Works				
O	Plumbing				
P	HVAC				
Q	Fire Extinguishers				
S	External Electrical Works				
T	Furniture				
U	Sports Equipment				
	TOTAL Area in SFT (Approx)		66069		
	Cost Per SFT (Excluding GST) (L1 will be selected based on this cost)				₹
	TOTAL AMOUNT (INR) excluding GST				₹

- Total Value for the project as given in the tender.

SCHEDULE OF THE PROJECT

S. No.	Activity Description	Start Date	End Date	Duration (Days)
1	Earth Work			
2	Concrete work			
3	Reinforced Cement Concrete			
4	Flooring			
5	Roofing & Waterproofing			
6	Finishing works			
7	Furniture			
8	Sports Equipment			

ESTIMATED PROJECT HANDOVER DATE:

Declaration

We hereby certify that the above rates are inclusive of all labour, materials, tools, equipment, transport, and site overheads as required for the successful execution of the work as per the terms and conditions of the tender.

Authorized Signatory:

Name:

Designation:

Seal of the Firm:

Annexure – 9

BID EVALUATION STRUCTURE & ELIGIBILITY

Project: Construction of Paralympic Technology Centre

Location: AMTZ Campus, Visakhapatnam

Tender/Bid No.: MTS/ATE/2026/001

Date:

Sl. No.	Criteria	Requirement	Document Required	Evaluation Remarks
1	Legal Entity	Registered Company / Partnership Firm/ Proprietorship/Consortium	Certificate of Incorporation / Registration	
2	Financial Turnover	Minimum average annual turnover of INR 60 Crores during last 3 financial years	Audited Balance Sheets & CA Certificate	
3	Technical Experience	Must have completed at least ONE projects involving construction of stadiums, Health facility & sports facilities in the last 3 years . The bidder, whether participating individually or as part of a consortium, shall have successfully completed civil construction works aggregating to a minimum built-up area of 1,00,000 (One Lakh) square feet during the last three (3) financial years.	Work Completion Certificate & Work Order	
4	Project Specific Experience	Experience in handling materials of construction of Stadiums, Health facilities and sports facilities including furniture.	Work Order / Project Photos	
6	Statutory Compliance	GST, PAN, EPF, ESIC, Labor License, etc.	Copies of Valid Certificates	
7	Equipment & Machinery	Availability of necessary construction machinery (concrete pumps, shuttering, lead handling, etc.)	List with ownership/lease documents	
8	Blacklisting Declaration	Should not have been blacklisted by any Govt. agency in past 5 years	Notarized Self-Declaration Affidavit	

Manager (MTS)

Signature of contractor

ABSTRACT OF COST			
Paralympic Technology Centre Project at AMTZ , VISHAKAPATNAM.			
ITEM NO.	DESCRIPTION OF ITEM	UNIT	QUANTITY
1.00	EARTH WORK		
1.01	Excavation for foundation in earth, soils of all types sand, gravel and soft murum/hard murum including removing the excavated plot outside dewatering, preparing the bed for the foundation including the plot outside remove this excavated material etc.	Cum	6,673.00
1.02	Back Filling in plinth and floors with approved excavated materials . Layers including watering and compaction etc. complete.	Cum	7,363.40
1.03	Providing & injecting chemical emulsion for preconstructional anti-termite treatment & creating a chemical barrier under & around the column pits, walls, trenches, top surface of plinth, filling junctions of wall & floor along the external perimeter of the building, expansion joints, surrounding of pipes conduits etc.complete.(Plinth area of the building at ground floor only shall be measured.)	Sqm	7200.00
	Imidacloprid 30.5% SC of approved make.		
	Note- The anti-termite treatment shall be got carried through an approved & registered agency & strictly in accordance with IS 6313 Part-II -1981 (Contractor shall furnish 5 years guarantee against defects)		
2.0	CONCRETE WORK		
2.01	Providing and laying in site cement concrete M-10/1:3:6 for foundation,Plinth PCC including dewatering, form work, compacting, roughening them if special finish is to be provided, finishing if required and curing etc.	Cum	385.00
3.0	REINFORCED CEMENT CONCRETE		
	Note:- The design mix shall be got approved from the designated testing agency to be decided by the architect.		
3.01	Providing & laying Ready Mix Concrete (R M C) of specified grade procured from the approved supplier including laying in position at all levels, heights & depth in foundation & superstructure for RCC structural elements such as slab & beam of raft, bases of columns, beams, cantilevers, suspended floors, roofs & mass concrete, screeding & PCC etc.but excluding the cost of centring shuttering & reinforcement.		
3.01.1	M-25 Grade	Cum	1618.00
3.02	Centering & shuttering including strutting, propping etc. & removal of form at all levels using MS Sheeting for all suspended slabs & beams i/c columns & Brackets etc.		
3.02.1	In foundations, footings slab & beam of raft, bases of columns, Plinth beams & columns etc.	Sqm	7,809.00
3.03	REINFORCEMENT - Laying, fabricating and fixing in position steel reinforcement in all reinforced concrete work, including straightening, cutting, removal of loose rust ,shifting from yard to work place, bending, hoisting, laying in position to the shape and profile required at all levels and heights as per drawing and design and/ or as directed, binding with 20 gauge MS annealed wire etc. complete. (Quoted rate also to include providing & fixing the binding wire, cover blocks etc.)		
	Cold twisted bars/ T M T bars. Fe 500	MT	185.00
4.0	MASONRY WORK		

4.01	Providing and constructing RR masonry for Foundation at all heights, laid in cement mortar 1:6 (1 cement :6 coarse sand) mix, joints finished, Hacking to concrete surface, raked to 10mm depth including scaffolding, curing & including provision of starter course as per drawing & specification. (Note :- Complete in all respect as per satisfaction of Engineer-in-Charge).	Cum	145.00
4.02	Providing and constructing Brick work at all heights, laid in cement mortar 1:6 (1 cement :6 coarse sand) mix, joints finished, Hacking to concrete surface, raked to 10mm depth including scaffolding, curing & including provision of starter course as per drawing & specification. (Note :- Complete in all respect as per satisfaction of Engineer-in-Charge).	Cum	428.00
5.0	WOOD, STEEL & UPVC WORK		
5.01	Providing, fabricating & fixing Upvc Windows of approved colour & quality, frame made of standard sections of approved make,& shutter made of same gauge (style & rails as per drawing), with 5 mm thick plain glass fixed including the necessary hardware fittings complete with EPDM rubber beading gaskets & linings etc to make the frames & shutter water tight & air tight complete in all respects as per Architects design & drawing.	Sqm	205.00
5.02	Supply and fixing of Wooden doors with size of 1.00 x 2.10m with frame 3"x 4" section with teak wood and 32mm pre laminated press door with Hard ware	No's	2.00
5.03	Supply and fixing of Toilet WPC door with frame	No's	6.00
5.04	Providing & fixing 1mm thick Fire door with frame of 40 x 40 x 6 mm angle iron and 3mm M.S. gusset plate at the junction and corners, all necessary fittings complete including a priming coat of approved steel primer using flats 30 x 6mm for diagonal braces & central cross piece.	No's	2.00
5.05	Providing and fixing rolling shutters of approved make, made of 80 x 1.25 mm M.S. laths interlocked together through their entire length and jointed together at the end by end locks and mounted on specially designed pipe shaft with brackets, side guides and arrangement for inside and outside locking with push and pull operation complete including 27.5 cm long wire springs grade no. 2 and M.S. top cover 1.25 mm thick for rolling shutters complete with providing and fixing ball bearing and applying priming.	No's	1.00
6.0	FLOORING		
6.01	Extra for using Vaccum De-watering process in cement concrete flooring using Truss system ROT finish having pannel width upto 6Mtr including power floating with a skim floater all as per standard specifications or as directed by architect.	Sqm	9,200.00
6.01a	Cutting of joints of size 5 x 40 mm in Trimix flooring and filling with foam (upto 30 mm depth) & remaining 10 mm depth of the groove with Nito seal 280 including repairing of edges etc complete.	Rmt	1,450.00
6.02	Providing and laying water bound macadam sub- base with stone aggregate 90mm to 40 mm size stone, screening of size 12.5mm and binding material including screening, sorting, spreading to template and consolidation with road roller complete.	Cum	1,380.00
6.03	Providing & Fixing 250 micron virgin black polythene sheet on sloppy surface of foundation instead of PCC and bottom of Lift area wherever required as per site requirement.	Sqm	9,200.00

6.04	Providing & laying 18 -20 mm thick pre polished granite slab in required design & patterns of approved colour in flooring , staircase steps or kitchen counter over 20 mm thick base of cement mortar 1:4 (1 cement: 4 coarse sand) jointed with white cement slurry or in skirting over 12 to 15 mm thick back base of cement mortor 1:3 (1 cement :3 coarse sand) jointed with white cement slurry to match the shade of the granite slab including rubbing & polishing the exposed edges of stone complete. (Granite Size Will be 700mm x 900mm)	Sqm	100.00
6.05	Providing & laying Vitrified tile of 2' x 2' Size in required design & patterns of approved colour and size and fixing in approved pattern in flooring, laid over 20mm (average) thick base of cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joints with white cement and matching pigments etc. all complete.	Sqm	930.00
6.06	Providing & laying 8 mm thick (minimum) non-skid ceramic tile in flooring of required design & patterns , laid over 20mm (average) thick base of cement mortar 1:4 (1 cement: 4 coarse sand) jointed with white cement and matching pigments etc. complete the shade of the tile. Colour, size & fixing pattern of tile to be approved by the Architect.	Sqm	220.00
6.07	Providing & Applying of 12 mm thick maple wooden floor on and above VDF flooring	Sft	12,000.00
6.08	Providing & Applying 8 coats of acrylic flooring for sports courts	Sft	36,000.00
7.0	ROOFING & WATERPROOFING WORK		
	The water-proofing treatment shall be carried out through approved specialists in the field and under their direct supervision and strictly as per their approved specification.		
	Testing by ponding for required period as per specs is included within the quoted rates.		
7.01	Providing tape crete treatment to sunken portions in horizontal and 300 mm vertical face of toilets, washing areas etc including surface preperation, applying 2 coats of tapecrete on RCC in traverse directions & final protection plaster 12 mm thick 1:4 (1 cement :4 Coarse sand) finished with a floating coat of neat cement including Testing by ponding with water atleast for 2 days.	Sqm	100.00
7.02	Terrace water proofing with ACRYLIC POLYMER ELASTOMERIC LIQUID MEMBRANE WATERPROOF COATING	Sqm	0.00
7.03	Screed above Water proofing of 50mm thick	Sqm	0.00
8.0	FINISHING		
8.01	Providing and applying 12-15 mm thk plaster finished with cement plaster 1:4 (1 cement : 2 coarse sand & 2 fine sand) including hacking of surfaces, making grooves, jambs,drip course as per tender drawings etc. complete with scaffolding at all locations, height & leads	Sqm	4,120.00
8.02	Providing and applying two or more coats with Emulsion paint of approved brand & manufacture to give an even shade on wood/steel or cement plastered surface over an primer coat / finish on wooden / steel / plastered surface surface & coat of ordinary paint of approved brand & manufacture, along with sand papering wherever required, scaffolding etc. complete in all respect.	Sqm	4,120.00
8.03	Provind and Fixing of Flase Ceiling (Considered at office area and Common Area)(2*2 Gyproc tile with Diamond grid)	Sqm	930.00

8.04	Providing and fixing of Elevation(Front side) as per Drawing with 8MM toughened glass with proper MS & Aluminium supports	Sqm	2,000.00
8.05	Providing and Fixing Canopy Decorative Sheets with polycarbonate sheet	Sqm	200.00
8.06	Providing and fixing of Circiral Roof Finish Wpc Material with PU Paint	Sqm	2,050.00
8.07	Providing and fixing of Elevation(Front side) as per Drawing with 3MM ACP sheet	Sqm	450
8.08	Supply and Fixing of SS Railing At all Staircase's	RMT	75.00
8.09	Supply and Fixing of Passenger Elevator	No's	0
8.10	Supply and fixing of Gypsum Partition for both side of Saint Gobain make including painting	Sqm	0
9.0	MISCELLANEOUS CIVIL WORKS		
	Chain Link Fencing		
9.01	Providing & fixing chain link fencing having mesh spacing 2"(50mm) mesh x 9 gauge(3.4mm) thickness of desired height, manufactured from the highest quality galvanized wire, or vinyl coated in accordance with ASTM-A392-81 - Class 1 complete in all respect as directed by project engineer / architect (RCC Foundation paid Separately in respectively Items in BOQ)	RMT	550.00
9.02	Providing and Fixing of Maxican Grass	Sqm	450.00
9.03	Supply and Fixing of Water Body along with fountain	No's	0.00
10.0	ROAD AND PAVEMENT WORK		
10.01	Providing and laying water bound macadam sub- base with stone aggregate 90mm to 40 mm size stone, screening of size 12.5mm and binding material including screening, sorting, spreading to template and consolidation with road roller complete.		
a	63 mm to 22.5 mm size stone	Cum	820.00
10.02	Providing & Fixing 250 micron virgin black polythene sheet on sloppy surface of foundation instead of PCC and bottom of Lift area wherever required as per site requirement.	Sqm	0.00
10.03	Providing & laying M - 20 grade pre-cast concrete kerb stones of size 300x300x150 mm thick including setting in cement mortar 1:4 (1 cement : 4 coarse sand) and pointing of joints with same mortar etc. complete.	Meter	1,632.00
10.04	Providing & Fixing of 100mm thick M-25 grade PCC over & including 50 mm thick compacted bed of coarse WBM, filling the joints with coarse sand etc. all complete as per the direction of the architect..	Sqm	3100
	DRAINS:-		
10.05	Earth work excavation work by mechanical means (Hydraulic excavator)/ manual means for roads or drains including getting out the excavated soil and disposal of surplus excavated soils as directed.	Cum	825.00
10.06	Providing and laying in site cement concrete M-10/1:3:6 for foundation,Plinth PCC including dewatering, form work, compacting, roughening them if special finish is to be provided, finishing if required and curing etc.	Cum	49.50
10.07	Providing & laying Ready Mix Concrete (R M C) of specified grade procured from the approved supplier including laying in position at all levels, heights & depth in foundation & superstructure for RCC structural elements such as slab & beam of raft, bases of columns, beams, cantilevers, suspended floors, roofs & mass concrete, screeding & PCC etc.but excluding the cost of centring shuttering & reinforcement.		
	M-25 Grade	Cum	187.00

10.08	Centering & shuttering including strutting, propping etc. & removal of form at all levels using MS Sheeting for Drain walls & Slabs etc.	Sqm	4,134.88
10.09	REINFORCEMENT - Laying, fabricating and fixing in position steel reinforcement in all reinforced concrete work, including straightening, cutting, removal of loose rust ,shifting from yard to work place, bending, hoisting, laying in position to the shape and profile required at all levels and heights as per drawing and design and/ or as directed, binding with 20 gauge MS annealed wire etc. complete. (Quoted rate also to include providing & fixing the binding wire, cover blocks etc.)		
	Cold twisted bars/ T M T bars. Fe 500	MT	15.00
11.0	SHED STRUCTURE & SHEETING WORK		
11.01	Providing, fabricating, erecting and fixing in position at all heights above finished floor level PEB Primary members such as columns,rafters base plates, canopies etc made of structural steelwork in Built-up sections of hot rolled plates conforming to ASTM A-572 Gr50 (345 Mpa) / IS 2062 Grade A steel including latticed, built-up trusses, composite and plated sections, templates, steel bars and bracings, posts,etc including making necessary fixing arrangement of rails as shown in drawings, gable runners, laced girts, and wind girders, floor and platform supports, walkways,base plates, cleats, brackets, splices, gusssets, packings, etc. and all other miscellaneous structural steel work as shown in the drawings and/ or as directed by the Architect. Members fabricated from plates shall have flanges & webs joined by continuous welding process as per ASTM A570 (Grade 50) or equivalent having minnimum yeild strength of 50000 P.S.I (345 Mpa) including necessary bolting etc. including painting with two coats of approved red oxide zinc chromate primer conforming to IS:2074 of approved make and two finishing coats of sprayed synthetic enamel paint of approved make and shade etc. all materials, tools plant & labour complete.	MT	354.00
	Providing, fabricating, erecting and fixing in position at all heights above finished floor level PEB Primary members such as columns,rafters base plates, canopies etc made of structural steelwork in Built-up sections of hot rolled plates conforming to ASTM A-572 Gr50 (345 Mpa) / IS 2062 Grade A steel including latticed, built-up trusses, composite and plated sections, templates, steel bars and bracings, posts,etc including making necessary fixing arrangement of rails as shown in drawings, gable runners, laced girts, and wind girders, floor and platform supports, walkways,base plates, cleats, brackets, splices, gusssets, packings, etc. and all other miscellaneous structural steel work as shown in the drawings and/ or as directed by the Architect. Members fabricated from plates shall have flanges & webs joined by continuous welding process as per ASTM A570 (Grade 50) or equivalent having minnimum yeild strength of 50000 P.S.I (345 Mpa) including necessary bolting etc. including painting with two coats of approved red oxide zinc chromate primer conforming to IS:2074 of approved make and two finishing coats of sprayed synthetic enamel paint of approved make and shade etc. all materials, tools plant & labour complete. (Circular Area)	MT	126.00
11.02	Supply & Erection of 2mm thick clear embossed polycarbonate sheets having Trapezoidal profile matching to the Roofing & Cladding Sheets.	Sqm	100.00
11.03	Supply & Erection of 30mm thick PUF Panels having profile matching to the Roofing & Cladding Sheets. Rate including with flashings, down takes etc	Sqm	13,888.00
11.04	Supply & Erection of 0.8mm thick clear embossed Deck sheets at Mezzanine Floor	Sqm	950.00

12.0	DESIGN CHARGES(Artch+Structure+MEP)		
	Providing and Design of Architecture+Structure+MEP (Slab Area only Should be Measured)	Sft	76,300.00
13.0	FOUNTAIN WORKS		
13.01	<p>Design, supply, installation, testing & commissioning of ground-level interactive dry deck fountain system comprising approx. 10 nos. stainless steel fountain jets with RGB LED lights, complete with pumps, filtration unit, control panel, piping, waterproofing, SS perforated deck plates, civil works, electrical works and all accessories, complete in all respects as per approved design and specifications.</p> <p>Scope of work includes:</p> <ol style="list-style-type: none"> 1. Nozzles - 10 nos 2. Lights - 10 Nos 3. SS Grills- 10 Nos 4. 3hp Motor - 1 No 5. Electrical & Plumbing works 	LS	1.00

FURNITURE BOQ

S.NO	Item	Make	Qty
1	cushion movable chairs Teodores	IKEA	840
2	working desks	IKEA	45
3	conference tables 140 X 108 cm	IKEA	1
4	conference tables 120X68 cm	IKEA	1
5	dressing wardrobes	IKEA	17
6	hospital beds slattum bed and mattress	IKEA	12
7	Mattress	IKEA	12
8	stools Marius	IKEA	120
9	adjustable ladders		8
10	movable wardrobes	IKEA	12
11	language trolleys		8
12	Referee Chairs		8
13	Team Benches		20
14	Umpire Chair		4
15	Warm Up Bench		1
16	Storage Rack		1

All the Furniture to be Wheel Chair Accessible

EXTERNAL ELECTRICAL			
S.NO	DESCRIPTION	UNIT	QTY
	EXTERNAL ELECTRIFICATION		
1	Single Pole Structure		
	Supply, Installation, Testing and Commissioning of Single Pole Structure with 1 Nos 9meter long 175X85mm RS Joists welded back to back in a box type configuration, including supply and fixing of 1set of 11KV 400A AB Switch, with 3Nos HG fuses, 3nos 9KV 5KA Lightning arrestors.		
		No	1
2	11KV CT/PT METERING (Outdoor Type)		
	Installation of 11kV CT/PT Unit on an existing elevated pedestal, including cabling on secondary side as per APPDCL requirement. Job includes necessary transportation of CT/PT unit from APPDCL designated stores. (CT/PT will be supplied by APPDCL , Cables will be supplied by Client)		
		Installation	No
3	Supply & Installation of Metering Enclosure on an existing elevated pedestal including provision for mounting Tri-vector meter, as per APPDCL requirement & necessary wiring.(Trivector Meter Unit will be supplied by APPDCL)		
		Installation	No
4	HT VCB (OUTDOOR TYPE) ICOG		
	Supply, Installation, Testing and Commissioning of Outdoor Type 800 A VCB unit along with s as per detailed technical specifications.		
		No	1
5	1000 KVA Transformer with OCTC		
	Supply, Installation, testing & commissioning of 11KV/0.433KV, 1000 KVA Dyn11 Outdoor ONAN Oil Cooled type Copper wound Distribution Transformer , including first filling of Oil as per IS 1180 part-I Level-II and as per detailed Technical Specifications.(RECONS)		
	1000 KVA Transformer with OCTC		
		No	1
6	HT Cables		
	Supply, Laying, testing and commissioning of following size 11KV grade(E) XLPE insulated armoured aluminium conductor under ground cable in existing cable trench or in ground at a depth of 1000mm for 11KV below ground level including excavation and refilling of earth, providing protection with sand and bricks at sides and RCC slab on top and cable route markers at every 15mtr.interval and also at the turnings. The cable shall conform to IS 7098/ Part II		
	3CX 240 sq.mm - 1 RUNS (From CT PT to VCB to T/F input)		
		Mtrs	50
7.0	Supply, Installation, Testing & Commissioning of following Heat shrinkable end terminations for the cable specified above with all materials, Bi-metallic lugs using crimping tool, 11KV Insulation tape, Identification tags etc., including end termination and Earthing of Gland.		
7.1	3CX 240 sq.mm Indoor Type		
		Nos	2
7.2	3CX 240 sq.mm Outdoor Type		
		Nos	4
8	Liasoning with APTRANSCO for statuary approval of Electrical distribution scheme material approval load sanctioning & release of load including submission of list reports on the installation contractor shall get the necessary safety clearence from electrical safety clearance from Electrical inspecterete safty, pollution control board and other concerned authorites related to Electrical Installation. Quoted amount against this items shall be added in to reimbursement to all official charges payable to APTRANSCO/ electrical inspector/ pollution control board and other authorities.		
		No	1
9	MV Cables		
	Supply, Laying, testing and commissioning of following size 1.1KV grade XLPE insulated armoured aluminium conductor under ground cable, in built up cable trench / already laid RCC hume pipe or on cable tray with all installation materials. When the cable is to be laid in ground, the same shall be laid at a depth of 750mm below ground level including excavation and refilling of earth after cables are laid, providing protection with sand and bricks at sides and top and cable route markers at every 15mtr. interval and also at the turnings. The cable shall conform to IS 7098/ Part I.		
9.1	3.5 core 300 Sq.mm, Al. XLPE (T/F to MAIN LT PANEL 6 RUNS AND DG to Main LT PANEL 6 RUNS)	MTRS	575
9.2	3.5 core 240Sq.mm, Al. XLPE(MAIN LT PANEL TO APFC PANEL,LP PANEL AND 3 Nos hvac panles	Mtrs	380
9.3	3.5 core 185Sq.mm, Al. XLPE (Main LT panel to OFFICE AREA AC Panel)	Mtrs	150

9.4	3.5 core 70 Sq.mm, Al. XLPE	Mtrs	175
9.5	3.5 core 50 Sq.mm, Al. XLPE	Mtrs	650
9.6	4 core 16 Sq.mm, Al. XLPE (to LIGHTING,POWER, UPS DB)	Mtrs	800
9.7	4 core 10 Sq.mm, Al. XLPE (to street lights)	Mtrs	575
9.7	4 core 10 Sq.mm copper un armd cable	Mtrs	150
9.8	24 c x 2.5 sqmm copper armd cable (For t/f and dg control cable)	Mtrs	220
9.9	3c x 2.5 Sqmm copper flexible cable(for street lights and misc works)	Mtrs	600
10.0	End terminations for MV Cables		
	Providing Indoor ordinary end terminations for the cable specified above with compression type steel gland, Bi-metallic lugs using crimping tool, Insulation tape, Identification tags etc., including end termination and Earthing of Gland.		
10.1	3.5 core 300Sq.mm, Al. XLPE	Nos	30
10.2	3.5 core 240Sq.mm, Al. XLPE	Nos	30
10.3	3.5 core 185Sq.mm, Al. XLPE	Nos	4
10.4	3.5 core 70 Sq.mm, Al. XLPE	Nos	8
10.5	3.5 core 50 Sq.mm, Al. XLPE	Nos	12
10.6	4 core 16 Sq.mm, Al. XLPE	Nos	28
10.7	4 core 16 Sq.mm, Al. XLPE	Nos	50
11.0	LT KIOSK		
	1600 AMPS 4p ACB complete as required	Nos	1
12.0	APFC200 KVAR PANEL		
a)	Incomers		
	630 A, TPN,MCCB of 25KA breaking capacity having O/C, S/C with Thermal Based Releases - 1No		
	6A,10KA Control MCB - 3Nos		
	500/5A, CL-1, 15VA, Tape wound CT's - 3Nos		
	PFR relay - 1No		
	LED Type R-Y-B Phase Indication Lamps. - (1 set)		
	Voltmeter of range (0-500V) with selector switch - 1Set		
	Ammeter of range (0-200A) with selector switch - 1Set		
	12 channels Power factor controller relay for monitoring the capacitor bank.		
		Nos	1
13	Equipment PANEL		
a)	Incomer		
	800 A, 4P,MCCB of 35 KA breaking capacity having O/C, S/Cwith Thermal Based Releases - 1Nos		
	LED Type R-Y-B Phase Indication Lamps. - (1 set)		
	On,Off & Trip Indications: (1 sets)		
b)	Outgoing Feeders on BUS		
1	160 A, 3P, McCB of 25 KA breaking capacity - 1 No.		
2	100 A, 3P, McCB of 16 KA breaking capacity - 3 No.		
3	63 A, 3P, MCCB of 16 KA breaking capacity - 13 No.		
4	16 A 3P MCB of 10 ka breaking capacity - 10 No.		
5	16 A DP MCB of 10 ka breaking capacity - 10 No.		
C)	Bus Bars		
	Bus: 415V, 800 Amps 4W E91 Grade Aluminium		
		No.s	1
14	UPS MAIN PANEL		
a)	Incomer		
	100A, 4P,MCCB of 25KA breaking capacity having O/C, S/Cwith Thermal Based Releases - 1Nos		
	LED Type R-Y-B Phase Indication Lamps. - (1 set)		
	On,Off & Trip Indications: (1 sets)		
b)	Outgoing Feeders on BUS		
1	63A, 4P, MCB of 10KA breaking capacity - 8 No.		

C)	Bus Bars		
	Bus: 415V, 100 Amps 4W E91 Grade Aluminium	No.s	1
15	Perimeter lighting		
a)	6 mtr long single arm poles octagonal GI poles	No.s	95
b)	100 watt street light fixtures	No.s	95
15.0	Earth Pits		
15.1	GI Pipe Earthing		
	Providing standard GI. Pipe Earth station, with 50mm dia. 2500mm long C.I. pipe including construction of brick pedestal, providing meshed funnel, CI cover and other civil Engineering works, spreading a homogeneous mixture of salt charcoal around the pipe etc		
		Supply	Nos
15.2	Providing standard G.I. Pipe Earth station, with 38mm dia. G.I. pipe including construction of brick pedestal, providing meshed funnel, CI cover and other civil Engineering works, spreading a homogeneous mixture of salt charcoal around the pipe etc		
		Supply	Nos
15.3	Earth Strips		
	Supply and laying of following size earth strips including excavation and refilling of earth when laid in ground and with all fixing accessories when laid inside the building including all necessary interconnections with earth station and Panels		
a	50X6mm GI strip (T/F Body Earthing)	Mtrs	30
b	50 mm x 6 mm copper strip price (t/f and dg neutral earthing)	Mtrs	50
c	50X6mm GI strip (DG Body Earthing)	Mtrs	115
d	25 X 6mm GI strip	Mtrs	280

Internal Electrical			
SI.No	DETAILS OF SPECIFICATION	TOTAL BOQ QTY	UNIT
1	DISTRIBUTION BOARDS.		
A	Lighting DB. 8 way TPN MCB DB comprising the following: Incoming: 1 No. 40A 4P MCB. Outgoing: 3 Nos. 16A DP RCBO (0-300MA). 18 Nos. 6/10A SP MCB.	6.00	No.
	8 way TPN MCB DB comprising the following: for Winding machines/Attachment Machines, QC equipments Incoming: 1 No. 63A 4P RCCB Outgoing: 24 Nos. 6 to 32 A SP MCB.	6.00	No.
B	Power DB. 12 way TPN MCB DB comprising the following: Incoming: 1 No. 63 A 4P MCB. Outgoing: 3 Nos. 20A DP RCBO (0-100MA). 30 Nos. 16/25A SP MCB.	4.00	No.
C	UPS DB. 6 way TPN MCB DB comprising the following: Incoming: 1 No. 40A 4P MCB. Outgoing: 3 Nos. 20A DP RCBO (0-100MA). 12 Nos. 6/10A SP MCB.	2.00	No.
2	POINT WIRING		
2.01	Wiring for single light point using 1.5sqmm. of 1100Vgrade copper FRLS wire for natural/circuit mains with colour code ie, RYB for the three phases, Black for Natural & 1.0 Sqmm Green for Earth Earthing shall be provided for all points (including all light points, socket box, switch box, etc,) the point wiring includes switches, GI back box fan Refrigerators, ceiling roses/interconnecting wires between ceiling roses and light fixtures, interconnecting wires in switches in switch boxes wiring required for ceiling as per drawing. 1.2 mm thick PVC pipe junction boxes, insulating tapes, gum, all hardware etc., as required to complete the work for concealed wiring system as per standards.		
2.02	Single light point controlled by 6A Modular type switch.	265	Nos.
2.03	Two light points controlled by 6A Modular type switch.	100	Nos.
2.04	Three light points controlled by 6A Modular type switch.	120	Nos.
2.05	Four light points controlled by 6A Modular type switch.	100	Nos.
2.06	One light point controlled by Two Way 6A Modular type switch.	40	Nos.
2.07	Calling Bell Wiring.	0	Nos.
2.08	S & f of 1200 mm ceiling fans (MAKE- CROMPTON) normal type fans	12	Nos.
2.09	Supply & fixing of Ceiling fans (Note: 1200mm wide)	0	Nos.
2.1	Supply & fixing of Wallmounted fans (Note: 300mm wide)	20	Nos.
2.11	Supply & fixing of Industrial HVLS 8 feet fan including wiring etc	20	Nos.
2.12	Supply & fixing of Exahust fans (PVC 300*300 MM) (MAKE- CROMPTON)	20	Nos.
2.13	Supply & fixing of 2 Nos x 16 Amps 2+3 pin sockets controlled by 1 No 16A SP switch with indicator. (MAKE - LEGRAND BRITZY MODEL)	58	Nos.
2.14	Supply & fixing of 2 Nos x 6 Amps 2+3 pin sockets controlled by 1 No 16A SP switch with indicator, 1 no 15A socket with switch, 1 no TV point. (MAKE - LEGRAND BRITZY MODEL)	10	Nos.
2.15	Supply & Fixing of 16 Amps 2+3 pin socket controlled by 1 No 16A SP switch with indicator (MAKE - LEGRAND BRITZY MODEL)	9	Nos.
3	SUBMAINS/CIRCUIT MAINS /POWER WIRING.		

	Supply and laying of 1100V grade PVC insulated FRLS copper conductor cables in 2mm thick PVC conduits FRLS, run above the false ceiling, concealed in the wall or partition, with saddles at every 600 mm c/c. a separate neutral shall be run for each circuit. The rate shall include all fixing accessories like collars, tees, elbows, fan hooks, ceiling roses, holders, wooden blocks, switches, sockets, switch mounting MS boxes, etc., of approved make.		
3.1	2 runs of 2.5 Sq.mm. PVC insulated copper conductor cable along with 1 run of 1 sq.mm PVC insulated copper conductor cable, run in 25mm dia., 2mm thick PVC conduits, concealed in the ceiling or in the wall. For Lighting circuits & AC IDU Circuits	4,500.00	RMT
3.2	2 runs of 4.0 Sq.mm. PVC insulated copper conductor cable along with 1 run of 2.5 sq.mm PVC insulated copper conductor cable, run in 25mm dia., 2mm thick PVC conduits, concealed in the ceiling or in the wall. For Rawpower sockets	950	RMT
3.3	3 core 2.5 Sq.mm. PVC insulated copper conductor cable PVC insulated copper conductor cable, run in 25mm dia., 2mm thick PVC conduits, concealed in the ceiling or in the wall. For UPS .	225	RMT
TOTAL OF SUBMAINS/CIRCUIT MAINS & POWER WIRING			
4	CABLE TRAY.		
	Supply and providing MS Perforated type powder coated cable trays factory fabricated out of 14 G sheet steel, channel size 75 x 15 mm supporting angle frame at every 1.8 m, bottom angle fasteners, anchor grip bolts, synthetic enamelled painting, etc. The tray shall be suspended from ceiling using anchor bolt and angle iron supports or mounted from wall. The rate shall include all accessories like bends, elbows, tees, coupler plates, etc., which will be measured as linear measurement and fixing accessories.		
a	150 mm wide x 40 mm height	1200	Mtrs
b	300 mm wide x 50 mm height	1100	Mtrs
c	600 mm wide x 50 mm height	421	Mtrs
TOTAL OF CABLE TRAY			
5	LIGHT FIXTURES.		
	Supply & Installation, testing and commissioning of following type of light fixtures as per drawings and specifications with all other accessories such as supporting rods / frames, anchor fasteners, necessary hardware etc. The rate shall include for installing the fittings along with transformers where required, lamps, diffuser, chokes, starter, power factor improvement capacitors, wires, downrods etc., complete with all accessories to complete the installation as required.		
5.1	18W LED Down Light	50	Nos.
5.2	2*2 LED ceiling lights (Ofiice area)	45	Nos.
5.3	2*2 LED ceiling lights	50	Nos.
5.4	12 LED ceiling lights	100	Nos.
5.5	highbay lights 100 watts	250	Nos.
TOTAL OF LIGHT FIXTURES			
6	MISCELLANEOUS ITEMS		
	Supply and laying 1,5 mm thick PVC pipe with accessories like bends, junction boxes, clamps, etc. The conduit shall be embedded in floor/roof/wall as required.		
a	20 mm PVC conduit	1,450.00	RMT
b	25 mm PVC conduit	650.00	RMT
c	32 mm PVC conduit	145.00	RMT
7	Main Panel LT Panel		
a)	Incomer		

	1600A, 4P. ACB of 50KA breaking capacity having O/C, S/C, E/F with Micro Processor based Releases with RS485 - 1Nos		
	6A,10KA Control MCB - 3Nos		
	16 Parameter Multifunction meter (MFM) - 1No.		
	LED Type R-Y-B Phase Indication Lamps. - (1 set)		
	1250/5A, CL-1, 15VA, Tape wound CT's - 3Nos		
	On,Off & Trip Indications: (1 sets)		
b)	DG 1 INCOMER (SUITABLE FOR 500 KVA DG SET)		
	800 A, 4P. MCCB of 50KA breaking capacity having O/C, S/C, E/F with Micro Processor based Releases with RS485 - 1 Nos		
	6A,10KA Control MCB - 3Nos		
	16 Parameter Multifunction meter (MFM) - 1No.		
	LED Type R-Y-B Phase Indication Lamps. - (1 set)		
	630/5A, CL-1, 15VA, Tape wound CT's - 3Nos		
	On,Off & Trip Indications: (1 sets)		
c)	DG 2 INCOMER (SUITABLE FOR 500 KVA DG SET)		
	800 A , 4P. MCCB of 50KA breaking capacity having O/C, S/C, E/F with Micro Processor based Releases with RS485 - 1 Nos		
	6A,10KA Control MCB - 3Nos		
	16 Parameter Multifunction meter (MFM) - 1No.		
	LED Type R-Y-B Phase Indication Lamps. - (1 set)		
	630/5A, CL-1, 15VA, Tape wound CT's - 3Nos		
	On,Off & Trip Indications: (1 sets)		
d)	BUSBAR COUPLER		
	800 A, 4P. MCCB of 50KA breaking capacity having O/C, S/C, E/F with Micro Processor based Releases with RS485 - 1 Nos		
	6A,10KA Control MCB - 3Nos		
	16 Parameter Multifunction meter (MFM) - 1No.		
	LED Type R-Y-B Phase Indication Lamps. - (1 set)		
	800/5A, CL-1, 15VA, Tape wound CT's - 3Nos		
	On,Off & Trip Indications: (1 sets)		
	BUS BAR : 1600 AMP, 430 Volts, 3 phase 50 HZ FP		
	Outgoings		
	800 Amps Change Over Auto Type 1Noa		
	630 Amps 50 KA MCCB for APFC Panel		
	400 A 50 kA 4P MCCB - 5 Nos For clean room hvac ,LP Panel		
	160 A 25 kA 4P MCCB - 1 Nos for Office area AC		
	63 A 4P 16kA MCCB - 4Nos		
	40 A 4P 10 kAMCB - 4Nos		
		Nos	1
8	EARTH PITS		
	50MM CHEMICAL EARTHING	NOS	
	G.I. STIP	R/M	
9	Cables & Industrial sockets		
	3C x 10 sq.mm Al Armoured cable	Mtrs	1450
	31/2 core 95sqmm Aluminium armoured cable for transformer to panel connections	Mtrs	150

BILL OF QUANTITY WITH ESTIMATION			
SL.NO	DESCRIPTION	UNIT	QTY
A	SANITARY FIXTURES & CP FITTINGS		
1.0	Supplying, Installing, testing and commissioning of European Water Closet with necessary accessories etc., complete.,	Nos	20
2.0	'Supply, installation, testing and commissioning of Wash basin with 32mm dia CP waste coupling, 32 mm dia. M.S. wall brackets with a pair of SS screws to support the basin 1 no. 15mm CP pillar cock with , 1 no. 15mm CP 'angle valve with 450mm long CP inlet connection pipe, CP wall flange all ,complete.	Nos	21
3.0	Providing and fixing urinal basin Complete as directed by the Engineer-in-charge.	Nos	6
4.0	Supply, Installing & testing CP Health faucet of approved make and 2 way bib cock with necessary CP flexible hose, CP wall flange , CP extension nipples etc complete.	Nos	34
B	(SOIL,WASTE & RAIN WATER)		
	TOILET PIPING		
1.0	Supply, installation, testing and commissioning of approved make type B - SWR PVC pipes and fittings confirming to IS13592 & IS 14735 with with all necessary specials like bends,tees, offsets, doorbends, junctions,cowls etc., laid under floor/fixed on walls etc., complete and necessary support etc complete .The fittings should be of rubber ring type for shafts and pasted type (solvent cement) for all other locations.		
a)	75 mm dia.	Rmt	120
b)	110 mm dia.	Rmt	350
c)	50 mm dia	Rmt	55
d)	160 mm	Rmt	350
2.0	Supply, installation and testing of PVC pressure pipes (6 Kg/sqcm) confirming to IS 4985 for waste connection from wash basin, kitchen sinks/pantry sinks/janitor sinks/Urinals to floor trap / anti syphonage pipe with solvent cement joints, including all the fittings, laid under floor / concealed in wall etc., the work shall include wall chasing and making good the same in cement mortar necessary supports etc., complete.		
a)	32 mm dia.	Rmt	256
b)	40 mm dia.	Rmt	159
3.0	Supplying, installing and testing pvc P trap with 100mm dia inlet and 110mm dia outlet with suitable supports and a water seal of minimum 40mm, including SS grating and making good the same complete.	Nos	0
4.0	Supplying, installing and testing in position 110 PVC floor traps of self cleansing design with outlet size of 75 mm diameter , including making connection with PVC soil / waste pipes using rubber gaskets, and fixing of SS gratings etc., complete all as specified & directed.	Nos	36
C	INTERNAL WATER SUPPLY SYSTEM (INCLUDING BASEMENT)		
	TOILET PIPING		

1.0	Supplying, installing, testing and commissioning of approved make Chlorinated Polyvinyl Chloride pipes (CPVC) up to 50 mm dia SDR.11, ASTM CTS, and above 50 mm dia CPVC schedule 40 ASTM IPS. Fittings up to 50 mm dia SDR 11. The fittings and specials such as tees, elbows, couplers, bends, enlargers etc., with CPVC brass threaded combination / transition specials such as male adapters brass threaded female adapters, brass FPT Tee, Brass FPT elbow etc., where connection with metal is to be made including necessary drilling holes, chasing walls, necessary supports and making the same good in geru mixed cement mortar 1:1 restore the same original condition neatly as directed by the Engineer in-charge. Joints to be made with CPVC solvent cement up to 50 mm dia as per ASTM D-2846 with disinfection and suitable primer & paint.(Concealed in toilet and ceiling level)- DOMESTIC WATER		
	a) 15 mm dia	Rmt	
	b) 20 mm dia	Rmt	168
	c) 25 mm dia	Rmt	65
	d)32 mm dia	Rmt	325
	d)50 mm dia	Rmt	120
2	GMP Drain		
	MS 80 MM PIPE		
		Rmt	220
3	CPVC 13.5 SDR PIPE		
		Rmt	220
4	Round Shape Drain Trap (SS 304)		
	80 NB	Nos	5
5	Construction of standard inspection chamber (600 x 600) as per dawings and specifications including excavation, fixing of pipes, Ccover, benching, etc. complete. Depth shall be measured from invert level to the cover level.	Nos	35
E	PUMPS		
1.0	Providing, installing, testing and commissioing of open well submersible type		
	(1 for working +1 for standby)		
	Duty :2.0 lps@ 20M Head each		
	C)Domestic water	set	2

Sno	Description	Unit	Qty
1	Supply and fixing of HVAC works including High side and low side works	MT	84
2	HVAC Panel		
	Incoming : 400A, 35KA, TPN MCCB with TM based releases for over current, short circuit - 1set		
	Bus bar : 400A 35KA TPN Aluminum Bus bar with 100% neutral - 1Set		
	Outgoings		
	100A 16KA FP MCCB -12no's		
	63A 10KA FP MCB -1no's		
	Metering :		
	i) 0 - 500V Digital Voltmeter with Selector switch – 1sets		
	ii) 630A Digital Ammeter with resin cast CTs of ratio 630/5A, Class 1 Accuracy and 10VA burden and selector switch -1 set		
	iii) LED type Phase indication lamps with MPCB and control with toggle switches - 2sets		
		No	1
3	Providing, supplying, installing, testing and commissioning of Fresh Air Ventilation System comprising of fresh air fan (centrifugal/axial type) of required capacity, GI sheet metal ducting as per SMACNA standards with all fittings, supports and hangers, motorized volume control dampers, fire dampers where required, fresh air intake louvers with bird/insect screen, pre-filter (G4/MERV 8) assembly, acoustic flexible connectors, thermal insulation with aluminum foil finish, electrical cabling and control wiring, vibration isolators, sealing of all joints, painting of exposed ducts	CFM	120,000.00

A	HAND APPLIANCES & EXIT SIGNS	Unit	Qty
1	Providing and fixing ISI marked portable fire extinguishers including intial fill & wall suspension bracket of the following type.		
2	Providing and fixing , testing and commissioning ISI marked (IS:15683) Fire Extinguisher, Carbon-di-oxide type capacity 4.5 Kg. Flat base including valve, discharge hose of not less than 10 mm dia, 1M long and complete in all respects including initial fill with CO2 gas conforming to IS:307-1966 and wall suspension braket as required as per specifications.	Each	14
3	Providing and fixing, testing and commissioning of 6kg ABC (Powder Type) Fire Extinguisher. Mild Steel Cylinders ISI marked fitted with pressure indicating gauge, internal tube, squeeze lever type valve fully charged with ABC 90 powder (Mono Ammonium Phosphate) pressured by Nitrogen complete in all respects including wall suspension bracket and conforming to IS:15683 as required as per specifications.	Each	14
4	Providing and fixing CO2 type fire extinguishers consisting of welded M.S. cylindrical body automatic modular CO2 type extinguisher actuated through a sprinkler head mounted on The extinguisher body finished externally with red enamel with trolley mounted complete with internal charge. (Capacity 22.5 Kg.)	Each	4

REATTAINING WALL(275M) ESTIMATION								
S.NO	DESCRIPTION	UNITS	NO'S	LENGTH	WIDTH	DEPTH	QTY	REMARKS
1	Excavation	Cum	1	275.00	3.80	7.50	7837.50	
					Total Qty In Cum		7837.50	
2	Back Filling							
	Total Excavation	Cum					7837.50	
	Ddeduction PCC	Cum					-119.63	
	Ddeduction RCC	Cum					-1358.78	
					Total Qty In Cum		6359.10	
3	Anti Termitate Treatment							
	ATT	Sqm	1	275.00	3.80		1045.00	
					Total Qty In Sqm		1045.00	
	PCC-M10							
4	Raft PCC	Cum	1	275.00	2.90	0.15	119.63	
					Total Qty In Cum		119.63	
	Concrete-M25							
5	Raft RCC	Cum	1	275.00	2.60	0.60	429.00	
6	Wall RCC	Cum	1	275.00	0.49	6.90	929.78	
					Total Qty In Cum		1358.78	
	Shuttering							
7	Raft	Sqm	1	275.00	2.60	0.60	333.12	
8	Wall	Sqm	1	275.00	0.49	6.90	3801.76	
					Total Qty In Sqm		4134.88	
9	TMT Bars							
	Reinfocement	MT					290.73	
					Total Qty In MT		290.73	
	Hume Pipe-1m dia							
	NP3 Hume Pipe	No's	26				26.00	
					Total Qty In No's		26.00	

DRAIN(275M) ESTIMATION								
S.NO	DESCRIPTION	UNITS	NO'S	LENGTH	WIDTH	DEPTH	QTY	REMARKS
1	Excavation	Cum	1	275.00	2.50	1.20	825.00	
					Total Qty In Cum		825.00	
	PCC-M10							
4	Raft PCC	Cum	1	275.00	1.20	0.15	49.50	
					Total Qty In Cum		49.50	
	Concrete-M25							
5	Raft RCC	Cum	1	275.00	1.00	0.20	55.00	
6	Wall RCC	Cum	2	275.00	0.20	1.20	132.00	
					Total Qty In Cum		187.00	
	Shuttering							
7	Raft	Sqm	1	275.00	2.60	0.60	333.12	
8	Wall	Sqm	1	275.00	0.49	6.90	3801.76	
					Total Qty In Sqm		4134.88	
9	TMT Bars							
	Reinfocement	MT					15.00	
					Total Qty In MT		15.00	

Sl. No	Sport / Facility	No. of Courts / Units	Equipment	Qty per Court / Total	Remarks
1	Wheelchair Basketball	2	Sports Wheelchairs	20 per court / 40 total	Basketball-specific
			Match Basketballs	10 per court / 20 total	Size 7
			Adjustable Poles & Backboards	2 per court / 4 total	Indoor
			Shot Clocks	2 per court / 4 total	—
			Scoreboard (Digital)	1 per court / 2 total	—
			Floor Marking	1 set per court	Permanent / PU
			Wheelchair Repair Kit	1 shared	—
2	Wheelchair Rugby	2	Rugby Sports Wheelchairs	16 per court / 32 total	Offensive + Defensive
			Rugby Balls	8 per court / 16 total	—
			Court Boundary Cones / Markings	1 set per court	—
			Player Bibs	16 per court / 32 total	—
			Scoreboard	1 per court / 2 total	—
			Wheelchair Maintenance Kit	1 shared	—
3	Boccia	6	Boccia Ball Sets	2 sets per court / 12 total	BISFed approved
			Measuring Device	2 per court / 12 total	Tape / Caliper
			Court Boundary Lines	1 set per court / 6 total	Tape / Mat
			Ramp (BC3)	2 per court / 12 total	Adjustable height & angle, aluminium
			Scoreboard (Portable)	1 per court / 6 total	—
			—	—	—
4	Para Badminton	4	Badminton Nets with Poles	1 set per court / 4 total	BWF approved
			Para Badminton Rackets	12 per court / 48 total	—
			Shuttlecocks	100 per court / 400 total	Feather / Synthetic
			Sports Wheelchairs	6 per court / 24 total	Badminton-specific
			Scoreboard	1 per court / 4 total	—
			Court Floor Markings	1 set per court / 4 total	—
5	Para Table Tennis	4	Table Tennis Table	1 per court / 4 total	ITTF approved
			Nets & Posts	1 set per court / 4 total	—
			TT Bats	12 per court / 48 total	—
			TT Balls	100 per court / 400 total	—
			Sports Wheelchairs	6 per court / 24 total	TT-specific
			—	—	—
6	Sitting Volleyball	2	Barriers / Court Dividers	1 set per court / 4 total	—
			Scoreboard	1 per court / 4 total	—
			Volleyball Net	1 per court / 2 total	Lowered height
			Net Poles	2 per court / 4 total	—
			Volleyballs	10 per court / 20 total	—
			Court Floor Marking	1 set per court / 2 total	—
7	Wheelchair Tennis	2	Scoreboard	1 per court / 2 total	—
			Tennis Net with Posts	1 set per court / 2 total	ITF approved
			Tennis Balls	48 per court / 96 total	—
			Tennis Rackets	12 per court / 24 total	—
			Sports Wheelchairs	6 per court / 12 total	Tennis-specific
			—	—	—
8	Para Archery	1	Ball Carts	2 per court / 4 total	—
			Court Markings	1 set per court / 2 total	—
			Recurve Bows	12	—
			Compound Bows	6	—
			Arrows	300	—
			Targets with Stands	6	—
			Shooting Line Markers	1 set	—
			Bow Stands	12	—
			Arm Guards, Finger Tabs, Chest Guards	12 sets	—
			Sports Wheelchairs / Stools	6	—
			Safety Netting	1 set	—
			—	—	—

		Scoring Boards	2	–	
9	Para Powerlifting	1	Competition Bench	2	IPC approved
		Barbell (20 kg)	2	–	
		Weight Plates (1,000 kg)	1 set	–	
		Plate Racks	2	–	
		Collars	4	–	
		Chalk Bowl	1	–	
		Timer	1	–	
		Athlete Transfer Platform	1	–	
10	Para Shooting	1	Air Rifles	10	–
		Air Pistols	6	–	
		Pellets	50,000	–	
		Shooting Tables	10	Height Adjustable	
		Shooting Chairs / Wheelchairs	10	–	
		Targets (Electronic / Paper)	10 lanes	–	
		Safety Glasses & Ear Protection	20	–	
		Scoring System	1	–	
		Safety Backstop	1	–	
11	Wheelchair Fencing	4	Fencing Frames	2 per court / 8 total	Wheelchair fixation
		Fencing Wheelchairs	2 per court / 8 total	–	
		Foils	4 per court / 16 total	–	
		Epees	4 per court / 16 total	–	
		Sabres	4 per court / 16 total	–	
		Masks	4 per court / 16 total	–	
		Jackets & Gloves	4 sets per court / 16 total	–	
		Scoring Apparatus	1 per court / 4 total	–	
		Piste Flooring	1 per court / 4 total	–	
12	Para Judo	2	Tatami Mats	1 set per court / 2 total	IJF approved
		Judogi (Training)	20 per court / 40 total	–	
		Scoreboard	1 per court / 2 total	–	
		Boundary Safety Mats	1 set per court / 2 total	–	
13	Para Taekwondo	2	WT Approved Mats	1 set per court / 2 total	–
		Electronic Scoring System	1 per court / 2 total	–	
		Head Guards	10 per court / 20 total	–	
		Body Protectors	10 per court / 20 total	–	
		Shin/Forearm Guards	10 sets per court / 20 total	–	
		Kick Pads	6 per court / 12 total	–	
		Scoreboard	1 per court / 2 total	–	
14	Para Kabaddi	1	Court Mat / Flooring	1 set	Indoor PVC / PU mat
		Scoreboard (Digital)	1	–	
		Boundary Marking / Cones	1 set	–	
15	Accessible Gym for Persons with Disabilities	1	Multi-station Strength Machines	5	Wheelchair-accessible, upper + lower body
		Adjustable Dumbbells	10 sets	2–30 kg range	
		Resistance Bands / Tubing	20	Various resistances	
		Wheelchair-accessible Cardio Machines	4	Treadmill / Arm ergometer / Recumbent bike	
		Cable Pulley System	2	Upper/lower body exercises	
		Functional Trainer / Pulley Cables	1	Wheelchair-accessible	
		Physiotherapy / Rehab Benches	3	Adjustable height, supportive	
		Medicine Balls / Kettlebells	10 sets	2–12 kg	

