

SPORTS AUTHORITY OF INDIA

**Registered Office: Jawaharlal Nehru Stadium Complex (East Gate, Lodhi Rd, New
Delhi, Delhi - 110 003**

<https://sportsauthorityofindia.nic.in>

**TENDER FOR THE ESTABLISHMENT OF A FITNESS CENTRE/GYM BUILDING AT WARM-UP ATHLETIC
TRACK WITHIN JN STADIUM COMPLEX on EPC mode**

PART - I / TECHNICAL BID

VOLUME: I

Issued to: M/s.....

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DISCLAIMER

1. The information contained in this Request for Proposal ("RFP") or subsequently provided to Bidder (s), whether verbally or in documentary or any other form by or on behalf of the Authority or any of its employees or advisers, is provided to Bidder(s) on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.
2. This RFP is not an agreement or an offer by the Authority to the prospective Bidders or any other person. The purpose of this RFP is to provide interested parties with information that may be useful to them in the formulation of their Proposals pursuant to this RFP (the "Bid"). This RFP includes statements, which reflect various assumptions and assessments arrived at by the Authority in relation to the Project Management Services (PMS). Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This RFP may not be appropriate for all persons, and it is not possible for the Authority, its employees or advisers to consider the objectives, technical expertise and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements and information contained in this RFP, may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this RFP and obtain independent advice from appropriate sources.
3. Information provided in this RFP to the Bidder(s) may be on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Authority accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.
4. The Authority, its employees and advisers make no representation or warranty and shall have no liability to any person including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way in this Selection Process.
5. The Authority also accepts no liability of any nature whether resulting from negligence or otherwise, howsoever caused, arising from reliance of any Bidder upon the statements contained in this RFP.
6. The Authority may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this RFP.
7. The issue of this RFP does not imply that the Authority is bound to select a Bidder or to appoint the Selected Bidder, as the case may be, for the PMC and the Authority reserves the right to reject all or any of the Bids without assigning any reasons whatsoever.
8. The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Authority or any other costs incurred in connection with or relating to its

Bid. All such costs and expenses will remain with the Bidder and the Authority shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation for submission of the Bid, regardless of the conduct or outcome of the Selection Process.

9. The Authority reserves the right to, but without being under any obligation to do so, amend or supplement the statements, information, assessment or assumptions contained in this bid at any time during the bidding process by way of revision, deletion, update or supplement and annulment through issuance of appropriate addendum as the Authority may deem fit without assigning any reason thereof.
10. No objections raised by any Bidder(s) or any third party to such changes/modifications/additions/alterations as provided above, whether explicit or implicit, shall be entertained. Any such objection by the Bidder shall make the Bidder's Bid liable for rejection by the Authority.
11. The Authority reserves its right to withdraw from the process at any stage of the process and/or modify the process or any part thereof or to vary any terms at any time or stage without assigning any reasons whatsoever. In such an event, no financial obligation of whatsoever nature shall accrue to SAI or any of its respective officers, employees, advisors or agents.
12. This RFP document supersedes and replaces any previous public documentation & communications, and Bidders should place no reliance on such communications. The Bidders shall bear all its costs associated with or relating to the preparation and submission of Proposal pursuant to this RFP.
13. SAI also accepts 'no liability' of any nature, whether resulting from negligence or otherwise howsoever caused, arising from the reliance of any Bidder upon the statements contained in this RFP.

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S.N.	Particular	Details
1.	Name of the Work	ESTABLISHMENT OF FITNESS CENTRE/GYM BUILDING AT WARM-UP ATHLETIC TRACK WITHIN JLN STADIUM COMPLEX
2.	Estimated cost of Project Management Services (in figures and words)	Rs. 5,70,92,435/- including GST. (Five Crore Seventy Lakh Ninety-Two Thousand Four Hundred Thirty-Five Only)
3.	Estimated period for completion of project	3 months
4.	Date of Publication:	16/05/2025
5.	Document Downloading Start Date:	16/05/2025 from 06:00PM
6.	Last date and time of submission of queries for Pre-Bid Conference	19/05/2025 till 01:00PM
7.	Virtual Pre-Bid conference	19/05/2025 at 04:00 PM Link of Pre Bid: https://meet.google.com/gvt-zmoq-qwr
8.	Bid submission start date and time	20/05/2025 from 1:00 PM
9.	Bid submission end date and time	27/05/2025 till 5:00 pm
10.	Bid Validity Period	120 days from the last date of submission
11.	Mode of Submission	Online submission on e-procurement portal
12.	Opening of Technical Bid date and time	28/05/2025 at 5:00 pm
13.	Opening of Financial Bids	To be Intimated later (minimum of 48 hours from opening of technical bid)
14.	Consortium/Joint Venture	Not allowed
15.	RFP document Fee	NIL
16.	Bid Security	Rs. 17,12,773/- [* 3% of estimated amount].
17.	Bank Account Details of the Authority	"Secretary SAI, Union Bank of India Account No: 108510011000101, IFSC No. UBIN0810851
18.	Authority's Representative for this RFP purpose & Address of Correspondences	Deputy Director (Infra), SAI Email: infra-sai@gov.in

NOTICE INVITING TENDER

Engineering Wing, Sports Authority of India (SAI) on behalf of Sports Authority of India (SAI) invites percentage rate tenders in electronic tendering system for **the Establishment of Fitness Centre/Gym building at Warm-up Athletic Track within JN Stadium Complex** on EPC Mode from the experienced and financially as well as technically sound agencies working in Central /PSU/State Government Departments of National repute. The tenders shall be available on website <https://etenders.gov.in/eprocure/app> on dates as mentioned above, "List of Important Dates."

Tender document is also available for viewing on the "Notices and Tenders" link of the SAI website <http://sportsauthorityofindia.gov.in> and CPP portal.

Bids to this tender will be accepted only through **ONLINE** mode through the website <https://eprocure.gov.in/eprocure/app>. No other mode of bid will be considered and accepted. For applying online, the bidder should get itself registered at <https://eprocure.gov.in/eprocure/app>. Bid submission and System Requirement Manual are also available on <https://eprocure.gov.in/eprocure/app>.

Name of Work	Approx. Estimated Cost	Earnest Money Deposit (EMD)	Completion Period (including rainy season)
ESTABLISHMENT OF FITNESS CENTRE/GYM BUILDING AT WARM-UP ATHLETIC TRACK WITHIN JLN STADIUM COMPLEX	Rs. 5,70,92,435/- (Rupees Five Crore Seventy Lakh Ninety-Two Thousand Four Hundred Thirty-Five Only)	Rs. 17,12,773/-	Three Months

The intending bidders may download tender documents from e-procurement portal <https://eprocure.gov.in/eprocure/app> from the date & time mentioned above. The technical bid and bid documents duly filled and digitally signed in all respect may be submitted online through the e-portal within the date and time (as per server clock) on **as mentioned under "List of Important Dates"**. SAI does not take any responsibility for the delay caused due to non-availability of internet connection or traffic jam etc. for online bidding.

1. EMD for the work is shown in the table above. EMD (Refundable) will be submitted online in following SAI Bank Account:

S. No.	Particulars	Details
1.	Name of Beneficiary	Secretary SAI
2.	Name of Bank	Union Bank of India
3.	Bank A/c No.	108510011000101
4.	IFSC Code	UBIN0810851

The EMD in any other form shall not be accepted. The proof of payment indicating UTR No. needs to be uploaded in the technical bid folder. The bidder has to submit the proof of payment on the date as specified in the NIT.

The EMD will be returned to all unsuccessful bidders after the opening of the Price Bid. EMD of the successful bidder shall be refunded after submission of the Performance Guarantee, duly verified by the issuing bank.

2. Validity of Tender will be 120 days.

3. Validity of EMD will be 165 days.

4. The tenderer shall quote their rates inclusive of GST, turnover tax/ sales tax on works and Labour Cess payable to Central/State Government along with other taxes, duties, levies etc. in conjunction with other terms and conditions.

Note: Custom Duty Exemption Certificate will be provided by Sports Authority of India (SAI) to the specialized vendors as per Custom Notification No. 146/94-Customs.

5. The final selection will be based on L1 system of Selection.

6. Third Party Quality Assurance (TPQA) for the project will be executed by contractor from IIT/NIT/ Govt. Engg. Colleges/CBRI/Other Central/State Govt. Institute/NABL Approved Laboratory. The payment of TPQA will be borne by the contractor, for finalizing the TPQA agency approval from SAI shall be required.

7. The construction agency has to successfully complete the entire Scope of Work as mentioned in the tender document within the approved cost and agreed time period. Additional Items/ Deviations (if any) beyond the Scope of Work shall be intimated immediately to the Engineer-In-Charge in writing and the same shall be carried out only after the approval/ sanction of the same from the Client/ Owner.

8. Names of the technically qualified bidders on the basis of information furnished in the check list and in "My Document" uploaded by concerned bidders after technical evaluation and verification will be displayed on the portal.

9. In case, due to any reason the scheduled dates for opening of technical and financial parts as mentioned above are holidays or due to any reason the office remains closed or due to any acts of God it becomes unapproachable (solely at the discretion of tender inviting authority), the next working day will be applicable while the previous specified time will remain the same.

10. Sports Authority of India (SAI) reserves the right to reject or cancel any or all pre-qualification documents and bid document without assigning any reason's whatsoever.

11. At any time prior to the deadline for submission of bid, the Purchaser may, for any reason whether at its own initiative or in response to a clarification required by a prospective bidder, modify the bid document by issuing suitable amendment(s) to it. Such an amendment to the bid document will be uploaded on SAI website: www.sportauthorityofindia.nic.in. Prospective bidders are advised in their own interest to regularly visit website of Sports Authority of India (SAI) for any amendment or information etc. before submitting their bids. In order to afford prospective bidders reasonable time to take into account the amendments in preparing their bids, SAI may, at its discretion, suitably extend the deadline for submission of bids

12. For participating in the e-Tendering process of SAI, the contractor shall have to get them registered on the website <https://eprocure.gov.in/eprocure/app> so that they will get User ID and Password. This will enable them to access the website <https://eprocure.gov.in/eprocure/app> with the help of Digital Signature by which they can participate in e-Tender of SAI. For this intending bidder may contact E- Procurement Helpdesk: 0120-4001 002, 0120-4001 005, 0120-6277 787, [support-eproc\(at\)nic\(dot\)in](mailto:support-eproc(at)nic(dot)in).

13. Any corrigendum/ addendum/ errata in respect of the above tender shall be made available only at our official website <https://sportsauthorityofindia.nic.in> and <https://eprocure.gov.in/eprocure/app>. No further press advertisement will be given. Hence, all bidders are advised to check SAI website <https://sportsauthorityofindia.nic.in> and website <https://eprocure.gov.in/eprocure/app> regularly.

14. Due Diligence by the Bidders:

- a) Bidders may before submitting their Proposals, examine the requirements at their own expense and obtain and ascertain for themselves, at their responsibility and other information necessary for preparing their Proposals.
- b) Bidders shall be deemed to have full knowledge of the requirements of the work. SAI will not accept any responsibility or liability for any errors, omissions, inaccuracies, or errors of judgment concerning information or materials provided by SAI in this RFP Document or otherwise, with respect to this Project. Although such information and materials are to the best of the SAI's belief, however, their verification is the sole responsibility of Bidder.

15. Neither SAI, nor their employees make any representation or warranty as to the accuracy, reliability or completeness of the information provided nor will have any liability to any bidder which may arise from or be incurred or suffered in connection with anything contained in this RFP and the award of the work or otherwise arising in any way from the selection process.

PRE-QUALIFICATION CRITERIA

The intending Bidder should fulfill the following minimum pre-qualifying criteria:

1. **Turnover:** Average Annual Financial Turnover on construction works during the last three years, ending 31st March of the previous financial year i.e. 2024-25, should be at least 100% of the estimated project cost. Applicant has to attach the Balance Sheet along with profit & loss statement duly certified by Chartered Accountant for last five years.
2. **Experience:** Bidder should have the experience of completion of similar works during last 7 years ending last day of month previous to the one in which tenders are invited should be either of the following:
 - (a) Three similar completed works each costing not less than the amount equal to 40% of the estimated cost. Certificate should be attached.
Or
 - (b) Two similar completed works each costing not less than the amount equal to 50% of the estimated cost. Certificate should be attached.
Or
 - (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost. Certificate should be attached.

Similar works mean: Civil work comprising – Establishment of an energy efficient, High-quality air-conditioned Gym/ Sports Hall/Multi-purpose Hall/Assembly building of approximate area of 1000 sqm. in Steel/PEB/ Hybrid structure in fast-track mode in a single contract as per approved standards from Central / State Govt. Departments / PSUs. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum calculated from the date of completion to last date of receipt of applications for tenders. Bidder should submit copies of Work order.

3. **Profitability:** The applicant should be a profit-making firm and have not incurred losses for more than two years out of last five years ending 31st March, 2025 duly certified by a Chartered Accountant.
4. **Solvency Certificate:** Tenderer must have solvency for an amount equal to 40% of the estimated cost duly certified by the bank and to be uploaded while submitting the tender on website. Solvency Certificate upto 6 (six) months before the last date of submission of tender will be acceptable.
5. **EPF Registration:** Preferably agency should have EPF registration, in case EPF registration is not there, the agency should obtain EPF registration on allotment of work. In case of failure, SAI will deduct EPF & deposit as per EPF norms.
6. **Goods & Service Tax (GST) Registration:** Bidder must have valid Goods & Services Tax Registration.
7. **Joint Venture:** Joint Ventures are not permitted.
8. **Bid Capacity:** Agencies who meet the minimum qualification criteria will be qualified only if their available bid capacity is more than the total bid value. The available bid capacity will be calculated as under:

Assessed available bid capacity = (A x N x 2) - B

N = Number of years rounded up to first decimal prescribed for completion of the subject contract.

A = Maximum value of works executed in anyone year during last five years (up dated to the price level of current financial year with percentage stated in the PQ document).

B = Value at current price level of existing commitments and ongoing works to be completed in the next 'N' years.

Note:

1. The Applicant shall furnish statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works preferably countersigned by the Nodal Officer or his nominee-in-charge in the format available in documents.
 2. Financial Turnover of previous years shall be given weightage of 5% (simple rate) per annum based on rupee value to bring them to current financial year price level.
 3. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum calculated from the date of completion to last date of receipt of applications for tenders.
- 9. Registration:** The Bidder must submit valid registration certificate of civil contractor in proper category issued by any Central/ State Govt. Organization.
- 10. Labour License:** Bidder should have Labour License from Central government
- 11. Other Information:** Intending bidder must submit the following in specified format uploaded with Tender Document.
- (a) List of Key Personnel
 - (b) Letter of Undertaking
 - (c) Affidavit/ PCP
- 12.** The applicant must have adequate organizational set up as well as having sufficient numbers of experienced personnel, technical know-how and infrastructure to complete the project well within time frame.
- 13.** SAI is free to get documents verified and agency shall have no objection to it. In case, if it is found at any stage that the agency has made any false information will be disqualified & blacklisted.
- 14.** The Tender has been invited in e-tender mode. For download of tender document, uploading of tender document along with Financial Bid, opening of Technical Bid, notification of any corrigendum and addendum etc. the website <https://eprocure.gov.in/eprocure/app> is to be used. The intending bidder must get themselves registered with the service provider for participating in e-tender.
- 15.** The intending Bidder is requested to upload the Bid well in time to avoid any difficulty due to failure of server etc. For any clarification about the website, our service provider needs to be contacted.

16. Issuance of tender document does not mean the agency has been technically qualified. Hence agencies/ bidders are advised to submit all the relevant documents/ credentials required in tender for technical qualification along with their bid.
17. Tender documents can also be downloaded from our official website <https://sportsauthorityofindia.nic.in>, CPP Portal & website <https://eprocure.gov.in/eprocure/app> and the agencies fulfilling the requirements may submit the tender along with the tender processing fee stated in the above table.
18. Tender documents can be seen at our official website <https://sportsauthorityofindia.nic.in> and CPP Portal which is only for viewing not for quoting.
19. Interested bidders may contact **Infra Division, SAI, Jawaharlal Nehru Stadium Complex (East Gate, Lodhi Rd, New Delhi, Delhi - 110 003** or his authorized officials for site visit and/or for seeking any details regarding execution of proposed work.
20. Tender documents duly completed in all respect shall be received on the date & up to the time as specified above and Technical Bid shall be opened at date & time as specified above. Documents received after the stipulated date & time are liable to be summarily rejected.
21. Any corrigendum/ addendum/ errata in respect of the above tender shall be made available only at our official website <https://sportsauthorityofindia.nic.in> and <https://eprocure.gov.in/eprocure/app>. No further press advertisement will be given. Hence, all prospective bidders are advised to visit SAI website <https://sportsauthorityofindia.nic.in> and website <https://eprocure.gov.in/eprocure/app> regularly for above purpose.

Sports Authority of India (SAI)

CHAPTER 1 - PRE-QUALIFICATION AND INFORMATION TO BIDDERS

General:

1. **Qualifying criteria:** The intending bidder should fulfill the following minimum pre-qualifying criteria:
 - (i) **Turnover:** Average Annual Financial Turnover on construction works during the last three years, ending 31st March of the previous financial year i.e. 2024-25, should be at least 100% of the estimated project cost. Applicant has to attach the Balance Sheet along with profit & loss statement duly certified by Chartered Accountant for last five years.
 - (ii) **Experience:** Bidder should have the experience of completion of similar works during last 7 years ending last day of month previous to the one in which tenders are invited should be either of the following:
 - (a) Three similar completed works each costing not less than the amount equal to 40% of the estimated cost. Certificate should be attached.
Or
 - (b) Two similar completed works each costing not less than the amount equal to 50% of the estimated cost. Certificate should be attached.
Or
 - (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost. Certificate should be attached.
 - (iii) **Similar works mean:** Civil work comprising – Establishment of an energy efficient, High-quality air-conditioned Gym/ Sports Hall/Multi-purpose Hall/Assembly building of approximate area of 1000 sqm. in Steel/PEB/ Hybrid structure in fast-track mode in a single contract as per approved standards from Central / State Govt. Departments / PSUs. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum calculated from the date of completion to last date of receipt of applications for tenders. Bidder should submit copies of Work order.
 - (iv) **Existing commitment and ongoing works:** Intending bidders must submit this information in specified format uploaded with Tender Documents.
 - (v) **Profitability:** The applicant should be a profit-making firm and have not incurred losses for more than two years out of last five years ending 31st March, 2025 duly certified by Chartered Accountant.
 - (vi) **Bank Solvency:** The Tenderer shall possess a solvency certificate for an amount equivalent to at least 40% of the estimated project cost, duly certified by a recognized bank. This certificate must be uploaded at the time of tender submission on the designated website. A solvency certificate issued within six (6) months prior to the last date of tender submission shall be considered valid.
 - (vii) **EPF Registration:** Preferably agency should have EPF registration, in case EPF registration is not there, the agency should obtain EPF registration on allotment of work. In case of failure, SAI will deduct EPF & deposit as per EPF norms.
 - (viii) **Goods & Services Tax (GST) Registration:** Bidder must have valid Goods & Services Tax Registration.
 - (ix) **Joint Venture:** Joint Ventures are not permitted.

- (x) **PAN:** Bidder should have valid Permanent Account Number (PAN) of Income Tax.
- (xi) **Registration:** The Bidder must submit valid registration certificate of civil contractor in proper category issued by any Central/ State Government Organization.
- (xii) **Labour License:** Bidder should have Labour License from Central or State Govt. If not, they may participate in the tenders but on being awarded they must have to obtain License from Central Govt. within one month from the date of issue of Letter of Acceptance.
- (xiii) **Other Information:** Intending bidder must submit the following in specified format uploaded with Tender Document.
 - (a) List of Key Personnel
 - (b) Letter of Undertaking
 - (c) Affidavit/ PCP

2. Instructions:

- 2.1 Joint Venture:** Joint Ventures are not permitted.
- 2.2** The applicant must have adequate organizational setup and reasonable presence in the work area or nearby as well as having sufficient number of experienced personnel, technical know-how, and infrastructure to complete the project well within time frame.
- 2.3** The applicant must have minimum three years' experience working with Central Public Sector Enterprises/ Government/ Semi-Government Organizations/ Autonomous Bodies.
- 2.4** SAI is free to get documents verified and agency shall have no objection to it. In case, if it is found at any stage that the agency has made any false information will be disqualified and blacklisted.
- 2.5** Bidders are required to submit full bio-data giving details about their organization, experience, technical personnel & manpower available in their organization, equipment holding, PF registration number, Balance Sheet and Turnover details for last 5 years duly certified by CA, Litigation History Affidavit, Bank Certificate etc. in order to assess their financial and technical capabilities etc. in the enclosed forms which will be kept confidential.
- 2.6** While deciding upon the technical qualification of applicant great emphasis will be given on the ability and competence of applicants to do good quality works within the specified time schedule and in close coordination with other agencies.
- 2.7** The documents shall be signed by person(s) on behalf of the organization having necessary authorization/power of attorney to do so (certified copies to be enclosed).
- 2.8** If the space in the proforma is insufficient for furnishing full details, such information may be supplemented on separate sheets of paper, stating therein the part of the proforma and serial number. Separate sheets shall be used for each part. However, the format shall be as per proforma.
- 2.9** Applications containing false / incomplete and / or inadequate information are

liable to be rejected. Also, mere fulfillment of eligibility criteria does not guarantee for selection.

2.10 Clarification, if any required, may be obtained from the office of the Engineering Wing, SAI, Jawaharlal Nehru Stadium Complex (East Gate, Lodhi Rd, New Delhi, Delhi - 110 003.

2.11 Canvassing in any form in connection with pre-qualifications is strictly prohibited and the application of such persons/organizations that resort to canvassing will be liable to rejection.

2.12 Additional Requirement: Even though the bidders meet the above qualifying criteria, they are liable to be disqualified if they have:

- (a) Made misleading or false representation in the forms, statements and attachments in proof of the qualification requirements;
- (b) Records of poor performance such as abandoning the work, not properly completing the contract, inordinate delays in completion, litigation history or financial failures etc.;
- (c) Their business banned by any Central/ State Govt. Department/ Public Sector Undertakings or Enterprises of Central/ State Govt.
- (d) Not submitted all the supporting documents or not furnished the relevant details as per the prescribed format.

2.13.1 A declaration to the above effect should be submitted as per Proforma-IX.

2.13.2 Bidder shall submit the General Information about bidder as per Proforma- III.

2.13.3 Bidder shall submit the list of major plant & machinery available with the firm as per Proforma-IV.

2.14 Site Visit:

- a. The bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility and cost all information that may be necessary for preparing the bid and entering into a contract for construction of the Works.
- b. The bidder and any of its personnel or agents will be granted permission by the Employer/ Owner to enter upon its premises and lands for the purpose of such visit, but only upon the express condition that the bidder, its personnel, and agents will release and
- c. Indemnify the Employer/ Owner and its personnel and agents from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.
- d. Before submitting a Bid, the Bidder shall be deemed to have satisfied himself by actual inspection of the site and locality of the works, that all conditions liable to be encountered during the execution of the works are taken into account and that

the rates entered in the Price Bid document are adequate and all-inclusive for the completion of work to the entire satisfaction of the Employer/ Owner.

2.15 Preparation of Bids: Documents Comprising the Bid

1) EMD

- 1.1.** The bidder shall furnish Bid Security for an amount as shown in the bid document. The Bid Security is required to protect the Procuring entity against any non-compliance, misconduct, or withdrawal by the bidder. Failure to submit the Bid Security in the prescribed manner and within the stipulated timeline shall result in outright rejection of the bid, without any further consideration.
- 1.2.** In case, as per notification of Government of India, the bidder falls in the category of exemption of Bid Security, it should submit a Bid security declaration and furnish the relevant notification along with required documents like valid Registration Certificate etc.
- 1.3.** The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as along with the bid.
- 1.4.** The Bid Security shall be furnished in one of the following forms:
 - a) Account Payee Demand Draft
 - b) Fixed Deposit Receipt
 - c) Banker's cheque / Pay Order
 - d) Bank Guarantee (including e-PBG) from any of the commercial banks (as per the format at Annexure V),
 - e) NEFT transfer to "Secretary SAI, Union Bank of India Account No: 108510011000101, IFSC No. UBIN081085. (Bidder has to upload challan/proof along with Bid on e-procurement portal).
 - f) Valid Insurance Surety Bonds

In case, submission of Bid Security in the form of a) to d) and f), following shall be ensured:

- i. A scanned copy of the document shall be uploaded on e-Procurement Portal while applying to the tender.
 - ii. The original document should be delivered to the official nominated as indicated in the tender document before closing date and time for submission of bids.
 - iii. Non submission of scanned copy of bid security document with the bid on e-tendering portal and/or non-submission of original bid security document within the specified period shall lead to summary rejection of bid. Further. No request on account of postal delay shall be entertained
- 1.5.** The Demand Draft, Fixed Deposit Receipt, Banker's Cheque, Insurance Surety Bonds or Bank Guarantee (including e-PBG) shall be drawn on any Commercial Bank in India, in favour of the "Secretary, Sports Authority of India", payable at New Delhi. In case of Bank Guarantee, the same is to be obtained from any commercial bank in India as per the format specified under Annexure V of the Bid Document.
 - 1.6.** The Bid Security shall be valid for a period of forty-five (45) days beyond the validity period of the bid.
 - 1.7.** Earnest Money is required to protect the Procuring entity against the risk of the bidder's conduct, which would warrant the forfeiture of the EMD. Earnest money of a bidder will be

forfeited, if the bidder withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged without prejudice to other rights of the Procuring entity. The successful bidder's earnest money will be forfeited without prejudice to other rights of Procuring entity if it fails to furnish the required performance security within the specified period.

- 1.8. Bid Security of a bidder will be forfeited, if the bidder withdraws or amends its bid or impairs or derogates from the bid or is breach of any condition of the tender documents in any respect within the period of validity of its bid without prejudice to other rights of the Procuring entity. Further, if successful bidder fails to furnish the required Performance Security and sign the contract / agreement within the period as specified by SAI in the Letter of Intent/ Notification of Award (NoA), its Bid Security/EMD will be forfeited.
- 1.9. The EMD serves as a safeguard for the Procuring entity against any misconduct or non-compliance by the bidder. The Bid Security shall be forfeited without any further notice if the bidder withdraws, amends, revises, or modifies its bid in any manner within the bid validity period. It shall also be forfeited if the bidder submits false, misleading, forged, or incorrect information or documents, whether deliberately or due to negligence. Additionally, if the successful bidder fails to furnish the required Performance Security within the specified period or engages in fraudulent practices, misrepresentation, or attempts to unduly influence the bidding process at any stage, the Bid Security will be forfeited. Moreover, non-compliance with any conditions outlined in the tender document, as determined by SAI, shall also result in forfeiture of the EMD
- 1.10. Bid securities of the unsuccessful bidders shall be returned to them before expiry of the final bid validity and latest on or before the 30th day after the award of the contract'. Bid securities of unsuccessful bidders during first stage i.e., technical evaluation etc. shall be returned within 30 days of declaration of result of first stage i.e., technical evaluation etc.

2.16 Financial Bids

Duly quoted and digitally signed Bill of Quantity (BOQ) in the file supplied by the employer shall be uploaded.

The tenders shall be strictly as per the conditions of contract. Tenders with any additional condition(s)/ modifications shall be rejected.

NOTE: All the documents should be digitally signed.

2.17 Online Submission of Bids: Bidding through E-Tendering System:

- (a) The bidding under this contract is electronic bid submission through website <https://eprocure.gov.in/eprocure/app>. Detailed guidelines for viewing bids and submission of online bids are given on the website. Any citizen or prospective bidder can logon to this website and view the invitation for bids and can view the details of work for which the bid is invited. The prospective bidder can submit bids online; however the bidder is required to have enrolment/ registration in the website and should have valid Digital Signature Certificate (DSC) in the form of smart card/ e-token. The DSC can be obtained from any authorized certifying agencies. The bidder should register in the website <https://eprocure.gov.in/eprocure/app> using the relevant option available. Then the digital signature registration has to be done with the e-token, after logging into the site. After this the bidder can login the

site through secured login by entering the password of the e-token & the user id/ password chosen during registration. After getting the bid schedules, the Bidder should go through them carefully and then submit the documents as asked, otherwise, the bid will be rejected.

- (b) The completed bid comprising of documents, should be uploaded on the website <https://eprocure.gov.in/eprocure/app> through e-tendering along with scanned copies of requisite certificates as are mentioned in different sections in the bidding document and scanned copy of bid security.

2.18 Bid Opening and Evaluation:

- (a) The Employer inviting bids or its authorized representatives will open the bids online and this could be viewed by the bidders also online. In the event of the specified date for the opening of bids being declared a holiday for the Employer, the bids will be opened at the appointed time on the next working day.
- (b) The file containing the Part I of the bid will be opened first.
- (c) In all cases, the amount of bid security, cost of bid documents, processing fee for e- tender and validity of the bid shall be scrutinized. Thereafter, the bidders' name and such other details as the Employer may consider appropriate, will be notified as Part I bid opening summary by the authority inviting bids at the online opening.
- (d) Evaluation of Part I of bids with respect to **bid security, qualification information and other information furnished in Part I of the bid**, shall be taken up, and a list will be drawn up of the qualified bidders whose Part II of bids will be eligible for opening.
- (e) The result of evaluation of Part I of the Bids shall be made public on e- procurement following which on next working day from the date of making public the result of evaluation of Part I of the Bids; then Part II or the price bid of the qualified bids will be opened.
- (f) The Employer shall inform the bidders who have technically qualified during evaluation of Part I of bids, of the date, time of online opening of Part II of the bid. In the event of the specified date being declared a holiday for the Employer, the bids will be opened at the appointed time and location on the next working day.
- (g) Part II of bids of only these bidders will be opened online, who have qualified in Part I of the bid. The bidders' names, the Bid Prices, the total amount of each bid, and such other details as the Employer may consider appropriate will be notified online by the Employer at the time of bid opening.
- (h) Financial proposal with any counter conditions or ambiguous remarks shall be rejected.
- (i) The final selection will be based on Lowest Offer i.e. L-1.

- (j) In case there is tie i.e. two or more than two bidders quoted the same rate and are lowest then final selection will be based on lottery among the bidders who have quoted the same rate.

2.19 Process to be Confidential

Information relating to the examination, clarification, evaluation and comparison of bids and recommendations for the award of a contract shall not be disclosed to bidders or any other persons not officially concerned with such process until the award to the successful bidder has been announced. Any attempt by a bidder to influence the Employer's processing of bids or award decisions may result in the rejection of his/her Bid.

2.20 Examination of Bids and Determination of Responsiveness

Prior to the detailed evaluation, Employer shall determine whether each bid is of acceptable quality, is generally complete and is substantially responsive to the Tender documents. For purposes of this determination, a substantially responsive bid is one that conforms to all the documents as specified in the Tender document without material deviations, objections, conditionality or reservation. A material deviation, objection, conditionality or reservation is one:

- a. That affects in any substantial way the scope, quality or performance of the contract.
- b. That limits in any substantial way, inconsistent with the bidding documents, the Employers' rights or the successful Bidder's obligations under the Tender document, or
- c. Whose rectification would unfairly affect the competitive position of other Bidders who are presenting substantially responsive bids.

3.0 MODE OF SUBMISSION:

3.1 As notified in Notice Inviting Tender

3.2 Once the bidder has given an unconditional acceptance to the terms and contract conditions, bidder will not be permitted to put any remark(s)/conditions(s) (except unconditional rebate on price quoted, if any) in/along with the tender document.

3.3 In case the conditions 3.2 mentioned above is found violated at any time after opening of tender, the tender shall be summarily rejected and SAI shall, without prejudice to any other right remedy, be at liberty to forfeit the Earnest Money Deposit as specified above.

4.0 EARNEST MONEY DEPOSIT:

4.1 The bidder shall furnish Bid Security for an amount as shown in the bid document. The Bid Security is required to protect the Procuring entity against any non-compliance, misconduct, or withdrawal by the bidder. Failure to submit the Bid Security in the prescribed manner and within the stipulated timeline shall result in outright rejection of the bid, without any further consideration

4.2 In case, as per notification of Government of India, the bidder falls in the category of exemption of Bid Security, it should submit a Bid security declaration and furnish the relevant notification along with required documents like valid Registration Certificate etc.

4.3 The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as along with the bid.

4.4 The Bid Security shall be furnished in one of the following forms:

- a) Account Payee Demand Draft
- b) Fixed Deposit Receipt
- c) Banker's cheque / Pay Order
- d) Bank Guarantee (including e-PBG) from any of the commercial banks (as per the format at Annexure V),
- e) NEFT transfer to "Secretary SAI, Union Bank of India Account No: 108510011000101, IFSC No. UBIN0810851. (Bidder has to upload challan/proof along with Bid on e-procurement portal).
- f) Valid Insurance Surety Bonds

In case, submission of Bid Security in the form of a) to d) and f), following shall be ensured:

- i. A scanned copy of the document shall be uploaded on e-Procurement Portal while applying to the tender.
- ii. The original document should be delivered to the official nominated as indicated in the tender document before closing date and time for submission of bids.
- iii. Non submission of scanned copy of bid security document with the bid on e-tendering portal and/or non-submission of original bid security document within the specified period shall lead to summary rejection of bid. Further. No request on account of postal delay shall be entertained

4.5 The Demand Draft, Fixed Deposit Receipt, Banker's Cheque, Insurance Surety Bonds or Bank Guarantee (including e-PBG) shall be drawn on any Commercial Bank in India, in favour of the "Secretary, Sports Authority of India", payable at New Delhi. In case of Bank Guarantee, the same is to be obtained from any commercial bank in India as per the format specified under Annexure V of the Bid Document.

4.6 The Bid Security shall be valid for a period of forty-five (45) days beyond the validity period of the bid.

4.7 Earnest Money is required to protect the Procuring entity against the risk of the bidder's conduct, which would warrant the forfeiture of the EMD. Earnest money of a bidder will be forfeited, if the bidder withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged without prejudice to other rights of the Procuring entity. The successful bidder's earnest money will be forfeited without prejudice to other rights of Procuring entity if it fails to furnish the required performance security within the specified period.

4.8 Bid Security of a bidder will be forfeited, if the bidder withdraws or amends its bid or impairs or derogates from the bid or is breach of any condition of the tender documents in any respect within the period of validity of its bid without prejudice to other rights of the Procuring entity. Further, if successful bidder fails to furnish the required Performance Security and sign the

contract / agreement within the period as specified by SAI in the Letter of Intent/ Notification of Award (NoA), its Bid Security/EMD will be forfeited.

- 4.9** 'Bid securities of the unsuccessful bidders shall be returned to them before expiry of the final bid validity and latest on or before the 30th day after the award of the contract'. Bid securities of unsuccessful bidders during first stage i.e., technical evaluation etc. shall be returned within 30 days of declaration of result of first stage i.e., technical evaluation etc.
- 4.10** SAI reserves the right to reject any or all the tenders in part or full without assigning any reason whatsoever thereof. SAI does not bind itself to accept the lowest tender. SAI also reserves the right to split up the work among two or more agencies.

5.0 QUOTING OF RATES & AMOUNTS:

- 5.1** The tenderers should quote percentage rate in figures. The rate shall be quoted up to 2 decimals.
- 5.2** Special care should be taken to fill the rates and amounts in figures as well in words in such a way that any alteration is not possible. The total amount should be written both in figures and in words. In case of figures; the word 'Rs.' should be written before the figure of Rupees and word 'P' after the decimal figure e.g. Rs. 2.15p. Rs. 2.15 shall be written as Rupees two and fifteen paise only. Unless the rate/amount is in whole Rupees it should invariably be up to two decimal places.
- 5.3** In case of any discrepancy between the rates/percentage quoted in figures and words, then the rate/percentage quoted by the contractor in words shall be taken as correct.
- 6.0** The tenders shall be strictly as per the conditions of contract. Tenders with any additional condition(s)/modifications shall be rejected.
- 7.0** The witnesses to the Tender/Contract Agreement shall be other than the tenderer/ tenderers competing for this work and must indicate full name, address, status/occupation with dated signatures.
- 8.0** The tenders for works shall remain open for acceptance for a period of 120 (One Hundred Twenty) days from the date of opening of the tenders. If any tenderer withdraws his tender before the said period or makes any modification in terms and conditions of the tender to his benefit which are not acceptable to SAI then SAI shall without prejudice to any other right or remedy, be at liberty to forfeit the EMD.
- 9.0** The acceptance of tender will rest with SAI who does not bind itself to accept the lowest tender and reserves to itself the right to reject any or all the tenders received without assigning any reason thereof. Tenders in which any of the prescribed conditions are not fulfilled or found incomplete in any respect are liable to be rejected.
- 10.0** Canvassing whether directly or indirectly in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.

11.0 PERFORMANCE GUARANTEE:

The successful tenderer shall submit a Performance Guarantee amounting to five percent (5%) of the awarded contract value within twenty-one (21) days from the date of issuance of the Letter of Acceptance (LOA) or Letter of Intent (LOI). The Performance Guarantee shall be furnished in the form of a Demand Draft (DD), Fixed Deposit Receipt (FDR) in favor of SAI, or an unconditional and irrevocable Bank Guarantee (BG) from a Nationalized or Scheduled Bank of equivalent value.

The Performance Guarantee shall remain valid for a period extending at least two (2) months beyond the completion of the Defect Liability Period, as stipulated in the tender document. In the event of an extension of the project completion period for any reason, it shall be the sole responsibility of the contractor to ensure that the Performance Guarantee is extended at least one (1) month prior to its expiry. Failure to extend the Performance Guarantee within the stipulated timeline shall entitle SAI to invoke and encash the guarantee without any prior notice to the contractor.

If the contractor fails to submit the Performance Guarantee within the stipulated period, a penalty equivalent to 0.01% of the Performance Guarantee amount per day shall be imposed for the delayed period. However, such an extension shall not exceed fifteen (15) days under any circumstances. Non-submission of the Performance Guarantee within the stipulated or extended period shall be deemed as a refusal to execute the contract, and in such a case, SAI shall have the absolute right to forfeit the Earnest Money Deposit (EMD) without any further notice and take appropriate legal action.

Upon submission and confirmation of the Performance Guarantee from the issuing bank, the EMD shall be refunded to the successful bidder. If the EMD was deposited online into SAI's bank account, the refund shall be processed directly to the bidder's registered bank account through electronic transfer.

12.0 SECURITY DEPOSIT:

The Security Deposit will be deducted from the successful contractor at the rate of 5% from the Gross Value of each R/A bills till it reaches 5% of the contract value. No interest will be paid on the Security Deposit under any circumstances. The total Security Deposit shall be refunded only after the successful completion of the Defect Liability Period, subject to satisfactory compliance with all contractual obligations, rectification of defects (if any), and final certification by the Engineer-in-Charge.

13.0 On acceptance of tender, the name of the authorized representative(s) of the contractor who would be responsible for taking instructions from Engineer-In- Charge or his authorized representative shall be intimated by the contractor within 07 days from the date of issue of telegram/letter/telex/fax of intents by SAI.

14.0 The tenderer shall not be eligible to participate in the tender process if any of their near relatives is employed with SAI in the capacity of an Accountant, Assistant Engineer, or any higher-ranking position in the project office or the concerned Zonal Office of SAI. The contractor shall be required to disclose the names of all individuals associated with their organization in any capacity who are near relatives of any officer working in SAI. This includes individuals who are already employed by the contractor at the time of tender submission as well as those who may be employed subsequently during the execution of the contract. Any violation of this clause shall

render the tenderer liable for the cancellation of the awarded contract, along with the forfeiture of the Earnest Money Deposit (EMD) and Security Deposit. Furthermore, the contractor may be debarred from participating in future tenders issued by SAI.

15.0 GST or any other tax on materials as also the Turnover Tax, Work Contract Tax, Construction Cess, or similar, if any, in respect of contract shall be payable by the contractor and SAI will not entertain any claim whatsoever, on such grounds. In the event of non-payment/default in payment of any control, royalty, cess, turnover tax, sales tax, including the purchase tax, consignment tax, work contract tax or any labour dues and E.P.F. etc. by contractor/supplier, the SAI reserves the right to withhold the dues/payments of contractor and make payment to local / State/ Central Government authorities or to labours as may be applicable. The contractor should submit along with the tender, the Registration Certificates with Sales Tax on works contract authority and EPF Authorities otherwise appropriate recovery shall be made from his bills.

16.0 Tenderer should quote all prices, including the liability of taxes etc. covered under Clause 16.0 or any other levy as applicable in the respective state.

17.0 The tenderer shall be deemed to have gone through the various conditions and clauses of the tender and visited the site before quoting their rates. Once they make an offer for this work, no claim shall be entertained on this account.

18.0 The details for the works are made available in the NIT and further may be contacted Infra Division, SAI, Jawaharlal Nehru Stadium Complex (East Gate, Lodhi Rd, New Delhi, Delhi - 110 003 for the Site Visit.

19.0 Tenderer can download the tender documents as mentioned in Notice Inviting Tender.

20.0 ESCALATION/PRICE VARIATION:

There will be no escalation on account of any increase in price index in the price of materials or labours, imposition of sales tax or enactment of any new law or imposition of levies etc. No price escalation shall be applicable even during the extended period for completing the works. No extra claim in this regard will be entertained.

21.0 SAI reserves its right to accept or reject or cancel any or all tenders without assigning any reason thereof.

22.0 SCOPE OF WORK:

Scope of work includes **the Establishment of Fitness Centre/Gym Building at Warm-up Athletic Track within JNL Stadium Complex** for Sports Authority of India (SAI) along with all appurtenant works including all supplies of materials, Machines, Equipment's and labor required for the completion of works in terms of tender conditions which shall be invited from the Construction Agencies/Firms for the subject work. **The Good for Construction drawings shall be prepared by the contractor by utilizing the services of a sports architecture firm preferably with SAI empanelment and finally approved by the engineering consultant appointed by SAI.**

Details of Work

Gym/Fitness Centre and Toilet Facilities

A fully functional, earthquake-resistant (Zone 4) Gym/Fitness Centre with toilet facilities is proposed at Jawaharlal Nehru Stadium, New Delhi. The ground-level structure will be delivered complete in all respects and ready for use.

The building will be a hybrid / RCC and steel structure housing the Gym/Fitness Centre and Toilet facilities. Structural elements—columns, beams, slabs—will be designed to ensure clear-span hall areas without internal columns, as shown in the tender drawings. The slab system will incorporate metal decking with a portal frame/ truss system structure and other details as per design. Columns will be placed to avoid disrupting usable space and will be extended as specified in the drawings. Comprehensive plinth protection and waterproofing with a 10-year warranty are included in the construction scope. Bidders must account for these design requirements in their fixed-price quotes. The Expected life of the building would be 30 years.

The scope includes:

- a) obtaining necessary NOCs/approvals from local authorities, preparing all design and construction drawings (architectural, structural, MEP), conducting surveys and geotechnical investigations, and providing detailed specifications, tender documents, and approved makes. It also covers general technical specifications, terms and conditions of the tender, and ensuring the project is fully functional, safe, and operational as per building norms. Any work or item not explicitly mentioned but required for project completeness and performance must also be considered while quoting. Bidders shall refer to this section and the conceptual drawings while quoting.
- b) Demolition Work - The Contractor shall carry out all demolition works as per the approved drawings and as required for the execution of the project, including the removal of existing structures, utilities, or any obstructions necessary for new construction. During demolition, no alteration or disturbance of underground services shall be made without the prior permission of the on-site engineer appointed by SAI. All demolition and disposal shall be conducted safely and in compliance with applicable regulations. Any additional demolition work found necessary during execution, whether shown in the drawings or not, shall fall within the Contractor's scope. **No extra payment** will be made for such work, and the Contractor should include the cost in their quoted price.
- c) Preparation of Design, Drawings for Architectural, Structural, services etc. including Good for Construction Drawings (GFC) and third-party vetting of structural drawings by IIT/NIT
- d) Structural Stability report vetted by a duly licensed Structural engineer

NOTE: The supply of movable furniture's like tables, chairs, wardrobes, Gym equipment's, in tender drawings are not in the scope of work of contractor.

Note: Refer to the detailed Scope of work specified in this document – Chapter 6 – Scope of work. The scope/ details of work is only for indicative purpose and may vary upto any extent as per the requirements of the client/ SAI from time to time

23.0 The Earnest Money Deposit may be forfeited:

- a) If the Bidder withdraws the Bid after bid opening (Technical Bid) during the period of Bid validity;
- b) In the case of a successful Bidder, if the Bidder fails to furnish the required Performance Security & Sign the Agreement;
- c) The Bid without EMD shall be considered incomplete and summarily

rejected.

24.0 Fraudulent Act:

The Contractor shall submit all genuine documents w.r.t. its credential such as work experience, Bank Guarantee and other documents to SAI to qualify in the Tender. The Contractor agree that the contractor shall not indulge in any fraudulent activity and in any points of time including after being successful bidder, if any fraudulent act shall have been committed by the Contractor then SAI shall have full rights to forfeit the EMD, Security Deposit, Performance Bank Guarantee, whatsoever without any notice to the Contractor.

25.0 TAXES AND DUTIES:

- 25.1** The contract price is inclusive of all taxes, duties, cess and statutory levies payable under any law including but not restricted to Goods and Service Tax (GST) levied by Union and State Governments (CGST, SGST, UTGST, IGST), EPF, ESI, Labour Cess, Royalty, Toll Tax and any other such taxes and duties leviable by local/State/Union Government from time to time on all such articles, materials which may be used for this work or any other tax (duty etc.) paid by the contractor.
- 25.2** In case of any change in rate of tax or any provision relating levy of tax resulting in increase in burden of tax on the contractor, the contractor shall not be entitled to receive any compensation for such increase in quantum of tax on the contractor. Similarly, no recovery shall be made from the contractor on account of decrease of rate of tax or any provision relating to levy of tax.
- 25.3** Contractor must be registered under Goods and Service tax (GST) laws, and copy of the registration certificate of the same shall be submitted to SAI.
- 25.4** Apart from the registration above contractors shall also obtain all other necessary registrations required under any other Local/State/Union Government Statute, for the execution of this contract, if any.
- 25.5** Contractor must submit as a compliance of GST Laws, Tax Invoice, as per applicable rules and regulations under the GST Act(s), failing which GST amount will be recovered by SAI without any recourse or prior notice from the next Invoices/ Security Deposit/ Bank Guarantees and/or available dues with SAI.
- 25.6** The contractor/service provider shall be responsible for issuing of Tax Invoices, filing of statutory return and deposit of statutory taxes within the time limit as prescribed in law. Any interest/penalty/taxes (non avilment of Input Tax Credit due to mismatch to GSTR2) which is required to be paid by SAI due to default by the Contractor/service provider to comply with the above-mentioned activity/provisions as prescribed in laws, rules and regulations shall be recovered from the Contractor/Service provider and adjustment shall be made when mismatch is attended and solved and credit is extended to SAI.
- 25.7** Apart from compliance, in the event of nonpayment/default in payment of taxes and duties and any other statutory compliances, under any other Local/State/Union Government Statute, SAI reserves the right to withhold the dues/payment of contractor and make payment to Local/State/Union Government authorities or to Labourers, as may be applicable.

- 25.8** It is clearly understood that the contractor is fully aware of all GST Laws and his liabilities and responsibilities under the said laws including but not restricted to correct HSN/SAC code, applicable rate of taxes of GST or otherwise on which his liability has to be paid and discharged. SAI shall have no liability or responsibility for any penalty or proceedings or any other liability levied or leviable on the contractor because of lower deduction or any other such non-compliance of the contractor.
- 25.9** Bidders will examine the various provisions of the Central Goods and Service Tax Act, 2017 (CGST)/ Goods and Service Tax Act (IGST)/ Union Territory Goods and Service Tax Act, 2017(UTGST)/ respective state's State Goods and Service Tax Act (SGST) also, as notified by Central/State Government and as amended from time to time and applicable taxes before bidding. Bidders will ensure that full benefit of Input Tax Credit (ITC) likely to be availed by them is duly considered while quoting rates.
- 25.10** Upon the implementation of the Goods and Services Tax (GST), any reduction in the applicable tax rates or any benefit arising from the availability of input tax credit (ITC) under anti-profiteering provisions shall be passed on to SAI through a commensurate reduction in the contract price for the supply of goods or services. Failure to comply with this provision shall render the contractor liable for appropriate legal and financial consequences, including penalties as per applicable laws
- 25.11** In case of any law requires SAI to pay tax on the contract price on reverse charge basis, the amount of tax deposited by SAI would be considered as per Income Tax Act, GST Laws or any other law as applicable.
- 25.12** Stamp duty and registration charges, if any, payable on the executed contract document, shall be borne by the contractor.
- 25.13** Turnover Tax, Work Contract Tax, Construction Cess or similar, if any, in respect of contract shall be payable by the contractor and SAI will not entertain any claim whatsoever, on such grounds. However, the labour cess shall be deducted @1% of Gross Bill & rates quoted should be inclusive of this labour cess. In the event of nonpayment/ default in payment of any octroi, royalty, cess, turnover tax, sales tax, including the purchase tax, consignment tax, work contract tax or any labour dues and E.P.F. etc. by contractor/supplier, the SAI reserves the right to withhold the dues/payments of contractor and make payment to local / state/ Central Government authorities or to labours as may be applicable. The contractor should submit along with the tender, the Registration Certificates with sales tax on works contract authority and EPF Authorities otherwise appropriate recovery shall be made from his bills.
- 26.0** Any addition/ change may be done at any stage in nomenclature or items by SAI & Client/ Owner.
- 27.0** **Details of documents to be submitted : Following documents are to be submitted/ uploaded with Technical Bid duly supported with credentials/certificates as directed in the respective proforma. (Refer Chapter 8 – Proforma for the formats)**

S.No.	Details	Proforma No.	To be executed on
1.	Acceptance of Tender Conditions	PROFORMA- I	Tenderer's letter head
2.	Form of Tender	PROFORMA- II	Tenderer's letter head

3.	General Information	PROFORMA - III	
4.	List of Major Plant and Machinery in Possession of the Firm	PROFORMA - IV	
5.	Annual Turn Over For The Last five Years	PROFORMA-V	
6.	Details of the Similar Works Completed in Last Seven Years	PROFORMA-VI	
7.	Details of on-going/existing works	PROFORMA-VII	
8.	Past Contractual Performance	PROFORMA- VIII	Non-judicial stamp paper of value not less than Rs. 10/-
9.	Bank Account Particulars for refund of EMD through Electronic mode	PROFORMA – IX	
10.	Certificate of Credit Facility	PROFORMA – X	Bank's letter head
11.	Format for Litigation	PROFORMA –XI	Tenderer's letter head
12.	GST Registration Details	PROFORMA -XII	
13.	Undertaking regarding Percentage of Local Content	PROFORMA -XIII	Auditor's letter head
14.	Solvency Certificate	PROFORMA – XIV	Bank's letter head
15.	Integrity Pact (IP)	PROFORMA - XV	
16.	Performance Guarantee	PROFORMA - XVI	

CHAPTER 2 - GENERAL CONDITIONS OF CONTRACT (GCC)

1.0 GENERAL

The Contract means the documents forming the tender and acceptance thereof and the agreement executed between the competent person on behalf of SAI and the contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Engineer-In-Charge and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.

1.1. SPORTS AUTHORITY OF INDIA, hereinafter called 'SAI' proposes to get the works executed as mentioned in the Contract on behalf of Owner/ Client.

1.2. The work will be executed as per drawings "GOOD FOR CONSTRUCTION" prepared by the contractor and approved by SAI unless otherwise specified elsewhere in the tender documents.

1.3. In the contract, the following expressions shall, unless the context otherwise requires, have the meaning, hereby respectively assigned to them.

1.4. DEFINITIONS

a) **APPLICABLE LAW**" means all laws, rules, regulations, and notifications in force and applicable to this RFP and the subsequent contract, including amendments and modifications made from time to time.

b) **APPROVAL** means approved in writing including subsequent written confirmation of previous verbal approval.

c) **ENGINEER-IN-CHARGE** means the PROJECT MANAGER or an officer nominated by Competent Authority of SAI who shall supervise and be in-charge of the work from time to time.

d) **WORKS OR WORK:** The expression works or work shall unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional.

e) **"CONTRACT/AGREEMENT/MOU"** means the written agreement entered between the purchaser and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.

f) **CONTRACTOR, AGENCY, FIRM, COMPANY, BIDDER, CONSULTANT, SERVICE PROVIDER** means the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm or company.

g) **DRAWINGS** mean the drawings referred to in the Bill of Quantities, specifications and any modifications of such drawings or such other drawings

as may from time to time be furnished or approved by SAI.

- h) **"DELIVERABLES"** means the measurable and verifiable outputs, reports, services, or any other obligation to be provided by the agency under the contract.
- i) **"DELIVERABLES"** means the measurable and verifiable outputs, reports, services, or any other obligation to be provided by the agency under the contract.
- j) **"GOVERNMENT AUTHORITIES"** shall mean any or all governmental authority / authorities of India or any subdivision thereof, whether national, federal, provincial, regional, state, county, municipal, local or other and any ministry, department, agency, entity or other body duly exercising executive, legislative, regulatory or administrative functions of government, including any other body which may exercise similar and any other municipal/ local authority having jurisdiction over the parties herein, and shall include any authority established through a statute or an act of the Government of India.
- k) **"LETTER OF AWARD" OR "LOA"** means the letter issued by SAI to the Successful Bidder to undertake and execute the project in conformity with the terms and conditions set forth in the RFP and any subsequent amendments thereof.
- l) **"LICENSES & PERMITS"** means all statutory approvals required from local, state, or national authorities, including police permissions, fire safety clearances, municipal permits, Intellectual Property Rights, venue-related compliances, copyrights compliances, etc.
- m) **"LIQUIDATED DAMAGES (LD)"** means the predetermined compensation payable by the agency to SAI in case of failure to meet contractual obligations, including delays in service delivery.
- n) **"MATERIAL BREACH"** refers to a substantial failure to perform a contractual obligation that defeats the purpose of the agreement or causes significant harm to the other party.
- o) **"MATERIAL ADVERSE EFFECT"** with respect to a party means a material adverse change in or effect on the business, operations, financial condition, properties or liabilities of the party taken as a whole; provided, however, that a Material Adverse Effect shall not be deemed to include (i) changes as a result of the announcement of this transaction, (ii) events or conditions arising from changes in general business or economic conditions or (iii) changes in generally accepted accounting principles.
- p) **"NOTIFICATION OF AWARD" OR "NOA"** means the letter issued by SAI to the Successful Bidder to undertake and execute the project in conformity with the terms and conditions set forth in the RFP and any subsequent amendments thereof.
- q) **"OVERLAYS"** means temporary infrastructure, facilities, branding, and equipment required for the successful execution of the event.

- r) **“PERFORMANCE SECURITY”** means monetary or financial guarantee to be furnished by the successful bidder for due performance of the contract placed on it. Performance Security is also known as Interest free Security Deposit.
- s) **SITE** means the lands and other places on, under, in or through which the works are to be executed or carried out and any other lands or places provided by SAI or used for the purpose of the agreement.
- t) **WRITING** means any manuscript typed written or printed statement under or over signature and/or seal as the case may be.
- u) **MONTH** means English Calendar month ‘Day’ means a Calendar day of 24 Hrs. each.
- v) **CONTRACT VALUE** means the sum for which the tender is accepted as per the letter of intent.
- w) **LANGUAGE:** All documents & correspondence in respect of this contract shall be in English Language.
- x) **BILL OF QUANTITIES** or **SCHEDULE OF QUANTITIES** means the priced and completed Bill of Quantities or Schedule of Quantities forming part of the tender.
- y) **OWNER** means **Sports Authority of India (SAI)** who has awarded the work to SAI as implementing agency.
- z) **TENDER** means the Contractor's priced offer to SAI for the execution and completion of the work and the remedying of any defects therein in accordance with the provisions of the Contract, as accepted by the Letter of Intent or Award Letter. The word TENDER is synonymous with Bid and the word TENDER DOCUMENTS with “Bidding Documents” or “Offer Documents”.
- aa) **“INSPECTING OFFICER”** means the person or organisation stipulated in the contract for inspection under the contract and includes his/ their authorised representative.
- bb) **“INTELLECTUAL PROPERTY RIGHTS” (IPR)** means the rights of the intellectual property owner concerning a tangible or intangible possession/ exploitation of such property by others. It includes rights to Patents, Copyrights, Trademarks, Industrial Designs, Geographical indications (GI).
- cc) **“PARTIES”:** The parties to the contract are the "Contractor" and the Procuring Entity, as defined in this clause;
- dd) **“GENERAL CONDITIONS”** means the General Conditions of Contract, also referred to as GCC.
- ee) **SPECIAL CONDITIONS** means Special Conditions of Contract, which override the General Conditions, also referred to as SCC.

- ff) **“SIGNED”** means ink signed or digitally signed with a valid Digital Signature as per IT Act 2000 (as amended from time to time). It also includes stamped, except in the case of a Letter of Award or an amendment thereof.;

The headings in the clauses/ conditions of tender documents are for convenience only and shall not be used for interpretation of the clause/ condition.

Words imparting the singular meaning only also include the plurals and vice versa where the context requires. Words imparting persons or parties shall include firms, companies and other organizations having legal capacities.

2.0 THE CONTRACT

Language of Contract: Unless otherwise stipulated in SCC, the contract shall be written in the Official Language or English. All correspondence and other contract documents, which the parties exchange, shall also be written/ translated accordingly in that language. For purposes of interpretation of the contract, the English documents/ translation shall prevail.

The Entire Agreement: This Contract and its documents (referred to in GCC-clause 2.5below) constitutes the entire agreement between the Procuring Entity and the contractor and supersedes all other communications, negotiations, and agreements (whether written or oral) of the Parties made before the date of this Contract. No agent or representative of either Party has the authority to make, and the Parties shall not be bound by or be liable for, any statement, representation, promise or agreement not outlined in this Contract.

Severability: If any provision or condition of this Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of this

Contract. 2.4 Parties The parties to the contract are the contractor and the Procuring Entity, as defined in GCC-clause 1.2 above and nominated in the contract.

Modifications/ Amendments of Contract: If any of the contract provisions must be modified after the contract documents have been signed, the modifications shall be made in writing and signed by the Procuring Entity, and no modified provisions shall be applicable unless such modifications have been done. No variation in or modification of the contract terms shall be made except by a written amendment signed by the Procuring Entity. Requests for changes and modifications may be submitted in writing by the contractor to the Procuring Entity. At any time during the currency of the contract, the Procuring Entity may suo- moto or, on request from the contractor, by 8 written order, amend the contract by making alterations and modifications within the general scope of the Contract. If the contractor does not agree to the suo -moto modifications/amendments made by the Procuring Entity, he shall convey his views within 14 days from the date of amendment/ modification. Otherwise, it shall be assumed that the contractor has consented to the amendment.

Any verbal or written arrangement abandoning, modifying, extending, reducing, or supplementing the contract or any of the terms thereof shall be deemed conditional and shall not be binding on the Procuring Entity unless and until the same is incorporated in a formal instrument and signed by the Procuring Entity, and till then the Procuring Entity shall have the right to repudiate such arrangements.

Waivers and Forbearances: The following shall apply concerning any waivers, forbearance, or similar action taken under this Contract:

1) Any waiver of a Procuring Entity's rights, powers, or remedies under this Contract must be in writing, dated, and signed by an authorized representative of the Procuring Entity granting such waiver and must specify the terms under which the waiver is being granted.

2) No relaxation, forbearance, delay, or indulgence by Procuring Entity in enforcing any of the terms and conditions of this Contract or granting of an extension of time by Procuring Entity to the contractor shall, in any way whatsoever, prejudice, affect, or restrict the rights of Procuring Entity under this Contract, neither shall any waiver by Procuring Entity of any breach of Contract operate as a waiver of any subsequent or continuing breach of Contract.

3.0 SITE VISIT AND COLLECTING LOCAL INFORMATION

Before tendering, the tenderer is advised to visit the site, its surroundings to assess and satisfy themselves about the local conditions such as the working and other constraints at site, approach to the site, availability of water & power supply, application of taxes, cess duties and levies as applicable, nature of ground, soil and sub-soil condition, underground water table level, accommodations they may require etc., river regime, river water levels, other details of river, streams & any other relevant information required by them to execute complete scope of work.

The tenderer may obtain all necessary information as to risks, weather conditions, contingencies & other circumstances (insurgencies etc.), which may influence or affect their tender prices. Tenderer shall be deemed to have considered site conditions whether he has inspected it or not and to have satisfied himself in all respect before quoting his rate and no claim or extra charges whatsoever in this regard shall be entertained / payable by the SAI at a later date.

3.1. ACCESS BY ROAD

Contractor, if necessary, shall build temporary access roads to the actual site of construction for the works at his own cost to make the site accessible. The Contractor shall maintain the same in motorable condition at all the times as directed by Engineer-In-Charge at his own cost. The contractor shall be required to permit the use of any roads so constructed by him for vehicles of SAI or any other agencies/ contractors who may be engaged on the project site, free of cost. Non-availability of access roads or approach to site, for the use of the contractor shall in no case condone any delay in the execution of work nor be the cause for any claim for compensation.

3.2. HANDING OVER & CLEARING OF SITE

3.2.1. The Contractor should note that area for construction may be made available in phases as per availability and in conjunction with pace of actual progress of work at site. The work may be required to be carried out in constrained situations. The work is to be carried out in such a way that the traffic, people movement, if any, is kept

operative and nothing extra shall be payable to the contractor due to this phasing / sequencing of the work. The contractor is required to arrange the resources to complete the entire project within total stipulated time. Traffic diversion, if required, is to be done and maintained as per specification by the contractor at his own cost and the contractor shall not be entitled for any extra payment, whatsoever, in this regard.

- 3.2.2. The efforts will be made by the SAI to handover the site to the Contractor free of encumbrances. However, in case of any delay in handing over of the site to the Contractor, the SAI shall only consider suitable extension of time for the execution of the work. It should be clearly understood that SAI shall not consider any revision in contract price or any other compensation whatsoever viz. towards idleness of Contractor's labour, equipment etc.
- 3.2.3. The Contractor shall be responsible for removal of all over-ground and under-ground structures (permanent, semi-permanent and temporary) and constructions from the site as per requirement/Engineer-in-charge. The cost to be incurred in this regard shall be deemed to be included in the quoted rate of Bill of Quantities items and contractor shall not be entitled for any extra payment whatsoever, in this regard. The contractor, if required, shall demolish old structures on the proposed site, properly. The useful material obtained from demolition of structures & services shall be the property of the owner/SAI and these materials shall be stacked in workmanship like at the place specified by the Engineer-In-Charge.
- 3.2.4. If required, the contractor has to do site clearance, enabling work, barricading, diversion of Roads, shifting/ realignment of existing utility services, drains, nallahs etc. at his own cost as per direction of Engineer-In-Charge and the contractor shall not be entitled for any extra payment whatsoever in this regard.
- 3.2.5. Necessary arrangements including its maintenance are to be made by the contractor for temporary diversion of flow of existing drain and road, as the case may be. The existing drain, road would be demolished, wherever required, with the progress of work under the scope of proposed project. The existing Road and Drain, which are not in the alignment of the said project but are affected and/ or need to be demolished during execution for smooth progress of the project, shall be rehabilitated to its original status and condition (including black topping) by the contractor at his own cost. The cost to be incurred by contractor in these regards shall be deemed to be included in the quoted rates of the Bill of Quantities items and contractor shall not be entitled for any extra payment whatsoever, in these regards.
- 3.2.6. The Contractor shall be responsible to co-ordinate with service provider/ concerned authorities for cutting of trees, shifting of utilities and removal of encroachments etc. and making the site un-encumbered from the project construction area required for completion of work. This shall include initial and frequent follow up meetings/ actions/ discussions with each involved service provider/ concerned authorities. The contractor shall not be entitled for any additional compensation for delay in cutting of trees, shifting of utilities and removal of encroachments by the service provider/ concerned authorities.

- 3.2.7. The information about the public utilities (whether over ground or underground) like electrical/ telephone/ water supply lines, OFC Cables, open drain etc. is the responsibility of contractor to ascertain the utilities that are to be affected by the works through the site investigation and collection of information from the concerned utility owners.
- 3.2.8. The contractor shall be responsible to obtain necessary approval from the respective authorities for shifting/ re-alignment of existing public utilities. SAI shall only assist the contractor for liasoning in obtaining the approval from the concerned authorities. Take all measures reasonably required by the various bodies to protect their services and property during the progress of works. It shall be deemed to be the part of the contract and no extra payment shall be made to the contractor for the same. Shifting/ re- alignment of public utilities should be done without disturbing the existing one. New service lines should be laid and connected before dismantling the existing one.
- 3.2.9. Shifting/ re-alignment of existing public utilities shall be done by the contractor as per technical requirement of respective bodies or as per direction of Engineer-In-Charge. Shifting/ re-alignment of public utilities include all materials, labours, tools and plants and any other expenses whatsoever for the same. The cost to be incurred in this regard shall be deemed to be included in his quoted rates of BOQ items and the contractor shall not be entitled for any extra payment, whatsoever, in this regard. In case any of these services are shifted by the State Govt/ local authorities themselves for which deposit as per their estimates is to be made to them, the contractor shall deposit the same and the contractor shall be paid only at the rates quoted by them in BOQ for quantity specified in the BOQ, if such items are included in the BOQ irrespective of amount paid by him to the State Govt./ local authorities for execution of these works. In case such provision is not made in the BOQ or the quantity exceeds those specified in the BOQ, the same is deemed to be included in the rates quoted by him for other items in BOQ and nothing extra shall be payable to contractor on this account.

4.0 SCOPE OF WORK

- 4.1. The scope of work covered in this tender shall be as per the indicative Bill of Quantities, specifications, Concept drawings, instructions, orders issued to the contractor from time to time during the work. The drawings for this work, which may be referred for tendering, provide general idea only about the work to be performed under the scope of this contract. These may not be the final drawings and may not indicate the full range of the work under the scope of this contract. Drawings prepared by the contractor as "GOOD FOR CONSTRUCTION" from time to time and approved by the Engineer-In-Charge of SAI and according be executed according to any additions/ modifications/ alterations/ deletions made from time to time, as required by any other drawings that would be prepared by the contractor progressively during execution of work. It shall be the responsibility of the contractor to incorporate the changes that may be in this scope of work, envisaged at the time of tendering and as actually required to be executed.

- 4.2. The quantities of various items as entered in the "SCOPE OF WORK" / "BILL OF QUANTITIES" are indicative only and may vary depending upon the actual requirement. The contractor shall be bound to carry out and complete the stipulated work irrespective of the variation in individual items specified in the bill of quantities.

5. VALIDITY OF TENDER

The tender for the works shall remain open for acceptance for a period of **120 days** from the last date of submission of tender. The earnest money will be forfeited without prejudice to any right or remedy, in case the contractor withdraws his tender during the validity period or in case he changes his offer to his benefits, which are not acceptable to SAI. The validity period may be extended on mutual consent.

6. ACCEPTANCE OF TENDER

The SAI reserves to itself the authority to reject any or all the tenders received without assigning any reason. The acceptance of a tender shall be effective w.e.f. the date on which the telegram/ e-mail, letter of intent of acceptance of the tender is put in the communication by the SAI. SAI also reserves the right to split the work among two or more parties at lowest negotiated rate without assigning any reason thereof. The contractor is bound to accept the portion of work as offered by SAI after split up at the quoted/-negotiated rates.

7. SET OF CONTRACT DOCUMENTS

1. Notice Inviting Tender
2. Corrigendum(s) and Addendum (s).
3. Pre-Qualification Documents
4. General Conditions of Contract
5. Special Conditions and Formats
6. Scope of Work/BOQ/Schedule of Rates
7. Technical Specifications
8. Tender Drawings

8. EARNEST MONEY DEPOSIT

- 8.1. Earnest Money Deposit of amount as mentioned in "Memorandum to Form of Tender" required to be submitted as mentioned in "NIT/ Instructions to Bidders". The EMD shall be valid for a minimum period of 145 days (One Hundred Twenty days) from last day of submission of the Tender. (Add EMD Point from PMC RFP)
- 8.2. Any tender not accompanied with the requisite Earnest Money Deposit along with Letter of Acceptance shall be rejected and such tenderer(s) will not be allowed to attend the opening of bids. Conditional tenders will be summarily rejected.
- 8.3. The EMD will be returned to all unsuccessful or technically unqualified tenderers after opening of Price Bid. EMD of successful tenderer shall be refunded after submission of Performance Guarantee/ initial security deposit duly confirmed from issuing bank.
- 8.4. Once the tenderer has given an unconditional acceptance to the tender conditions

in its entirety, he is not permitted to put any remark(s)/conditions(s) (except unconditional rebate on price, if any) in/ alongwith the tender.

- 8.5. In case the condition 7.7 mentioned above is found violated at any time after opening of tender, the tender shall be summarily rejected and SAI shall, without prejudice to any other right or remedy, be at liberty to forfeit the full said Earnest Money absolutely.
- 8.6. No interest shall be payable by the SAI on the said amount covered under EMD/Other Security Deposits.

9. MOBILIZATION ADVANCE

- 9.1 Mobilization advance, up to the maximum amount specified in the "Memorandum to the Form of Tender," shall be granted to the contractor upon submission of a non-revocable Bank Guarantee (BG) equivalent to 110% of the requested mobilization advance amount. The BG shall be issued by a Nationalized or Scheduled Bank, as per the approved list and in the prescribed format annexed to the tender document. The mobilization advance shall be subject to a simple interest rate of 12%, as stipulated in the "Memorandum to the Form of Tender."

This advance shall be paid in two installments as follows:

- i. First Installment of 50 (Fifty) percent of the total mobilization advance against the Bank Guarantee shall be paid after the agreement is signed and upon submission of the Performance Guarantee and its confirmation from the issuing bank.
 - ii. 2nd installment of the balance 50 (Fifty) percent of the total mobilization advances against the Bank Guarantee will be paid after the submission of the UC of 1st installment.
- 9.2 The mobilization advance bear simple interest at the rate as mentioned in the MEMORANDUM and shall be calculated from the date of payment to the date of recovery (365 days in a year) both days inclusive, on the outstanding amount of advance. Recovery of such sums advanced shall be made by the deduction from the contractor's bills commencing after first 10 (ten) percent of the gross value of the work is executed and paid, on pro-rata percentage basis to the gross value of the work billed beyond 10% in such a way that the entire advance is recovered by the time 80 (eighty) percent of the gross value of the contract is executed and paid, together with interest due on the entire outstanding amount up to the date of recovery of the installment.

The Mobilization Advance bank guarantee shall essentially be made atleast for the 110% (One hundred ten percent) of total mobilization advance payable and valid for the contract period, and be kept renewed from time to time to cover the balance amount and likely period of complete recovery together with interest. However, the contractor can submit part bank guarantees against the mobilization advance in as many numbers as the proposed recovery installments equivalent to the amount of each installment.

- 9.3 Notwithstanding what is contained in clause No. 8.1 & 8.2, no mobilization advance whatsoever shall be payable, if payment of mobilization advance is not mentioned in the memorandum to the form of tender.

Note:- Mobilization Advance will be paid to Contractor if received from Client.

10 PERFORMANCE GUARANTEE

Within 10 days from the date of issue of LOA / LOI, the tenderer shall submit Performance Guarantee amounting to 5% (Five percent) of the awarded value of work in the form of Demand Draft/ Fixed Deposit in favour of SAI or Bank Guarantee from the Nationalized/Scheduled Bank (as per list enclosed) of equivalent value. No interest will be paid under any circumstances. The Performance Bank Guarantee shall remain valid till two months after completion of Defect Liability Period. **This Performance Guarantee initially be submitted with the validity till two months after completion of Defect Liability Period due to any reason, it is the responsibility of the agency to get it extended one month prior to its expiry without any claim on it, in case of failure, SAI may get it en-cashed without giving any notice.** An amount is to be deposited equivalent to 0.01% per day of the amount of Performance Guarantee for extended /delayed period of submission of Performance Guarantee. In no case the extension will be granted for more than 15 days. In case of non- submission of Performance Guarantee within stipulated / extended period, it will be presumed that agency is not interested in the work and EMD submitted will be forfeited without any notice.

The Contractor shall submit genuine and valid Bank Guarantee to SAI. The Contractor agree that the contractor shall not indulge in any fraudulent activity and in any point of time including after being successful bidder, if any fraudulent act shall have been committed by the Contractor then SAI shall have full rights to forfeit the EMD, Security Deposit, Performance Bank Guarantee, whatsoever without any notice to the Contractor apart from taking action as deemed fit under terms & condition of contract including termination of the awarded work.

On receipt of the Performance Guarantee in the form of DD/FDR/BG & duly confirmed from issuing branch, the EMD will be refunded. EMD deposited online in SAI Bank Account will be refunded directly to bidder's bank account through Electronic mode.

11 SECURITY DEPOSIT

The Security Deposit will be deducted from the successful contractor at the rate of 5% from the Gross Value of each R/A bills till it reaches 5% of the contract value. No interest will be paid on the Security Deposit under any circumstances. The total security deposit will be refunded only after expiry of defect liability period.

12 MOBILISATION OF MEN, MATERIALS AND MACHINERY:

- 12.1 All expenses towards mobilization at site and de-mobilization including bringing in equipment, work force, materials, dismantling the equipment, clearing the site etc. shall be deemed to be included in prices quoted and no separate payment on account of such expenses shall be entertained.

- 12.2 It shall be the responsibility of the Contractor to provide, operate and maintain all necessary construction equipment, scaffoldings and safety, gadget, lifting tackles, tools and appliances to perform the work in a workman like and efficient manner and complete all jobs as per the specifications and within the schedule time of completion of work. Further, contractor shall also be responsible for obtaining temporary electric and water connection for all purposes. The contractor shall also make standby arrangement for water & electricity to ensure un-interrupted supply.
- 12.3 It shall be the responsibility of the contractor to obtain the approval for any revision and/ or modification of work desired by him from SAI before implementation. Also such revisions and/or modifications if accepted / approved by the SAI shall be carried at no extra cost to SAI.
- 12.4 The procurement and supply in sequence and at the appropriate time of all materials and consumable shall be entirely the contractor's responsibilities and his rates for execution of work shall be inclusive of supply of all these items.
- 12.5 It is mandatory for the contractor to provide safety equipment and gadgets to all workers, supervisory and technical staff engaged in the execution of the work while working. The cost of the above equipment/gadgets is deemed to be included in the rates quoted by the contractor for the items & works as per the Bill of Quantities, and the contractor shall not be entitled to any extra cost in this regard. The above norm is to be strictly complied with at the site. In case the contractor is found to be deficient in providing Safety Equipment/ Gadgets in the opinion of Engineer-In-Charge, the Engineer-In-Charge at his option can procure the same at the risk & cost of contractor and provide the same for the use of worksite and shall make the recoveries from the bills of the contractor for the same. The decision of the Engineer-in-Charge shall be final and binding on the contractor in this regard.
- 12.6 All designs, drawings, bill of quantities, etc., shall be prepared by the contractor for approval by SAI in phased manner as the works progress. However, it shall be the duty and responsibility of the contractor to bring to the notice of the SAI in writing as to any variation, discrepancy or any other changes required and to prepare revised drawings and designs and / or approval of the SAI in writing for the same.
- 12.7 One copy of contract documents including drawings furnished to the contractor shall be kept at the site and the same shall at all reasonable times be available for inspection.
- 12.8 All materials, construction plants and equipments etc. once brought by the contractor within the project area, will not be allowed to be removed from the premises without the written permission of the SAI. Similarly, all enabling works built by the contractor for the main construction undertaken by him, shall not be dismantled and removed without the written authority of the SAI.

13 INCOME TAX DEDUCTION

Income tax deductions shall be made from all payments made to the contractor including advances against work done, as per the rules and regulations in force, in accordance with the Income Tax Act prevailing from time to time.

14 TAXES AND DUTIES

The contract price is inclusive of all taxes, duties, cess and statutory levies payable under any law including but not restricted to Goods and Service Tax (GST) levied by Union and State Governments (CGST, SGST, UTGST, IGST), Labour Cess, Royalty, Toll Tax and any other such taxes and duties leviable by local/State/Union Government from time to time on all such articles, materials which may be used for this work or any other tax (duty etc.) paid by the contractor.

In case of any change in rate of tax or any provision relating levy of tax resulting in increase in burden of tax on the contractor, the contractor shall not be entitled to receive any compensation for such increase in quantum of tax on the contractor. Similarly, no recovery shall be made from the contractor on account of decrease of rate of tax or any provision relating to levy of tax.

Contractor must be registered under Goods and Service tax (GST) laws, and copy of the registration certificate of the same shall be submitted to SAI.

Apart from the registration as mentioned above contractors shall also obtain all other necessary registrations required under any other Local/State/Union Government Statute, for the execution of this contract, if any.

Contractor must submit as a compliance of GST Laws, Tax Invoice, as per applicable rules and regulations under the GST Act(s), failing which GST amount will be recovered by SAI without any recourse or prior notice from the next Invoices/ Security Deposit/ Bank Guarantees and/or available dues with SAI.

The contractor/service provider shall be responsible for issuing of Tax Invoices, filing of statutory return and deposit of statutory taxes within the time limit as prescribed in law. Any interest/penalty/taxes (non avilment of Input Tax Credit due to mismatch to GSTR2) which is required to be paid by SAI due to default by the Contractor/service provider to comply with the above-mentioned activity/provisions as prescribed in laws, rules and regulations shall be recovered from the Contractor/Service provider and adjustment shall be made when mismatch is attended and solved and credit is extended to SAI.

Apart from compliance mentioned above, in the event of nonpayment/default in payment of taxes and duties and any other statutory compliances, under any other Local/State/Union Government Statute, SAI reserves the right to withhold the dues/payment of contractor and make payment to Local/State/Union Government authorities or to Labourers, as may be applicable.

It is clearly understood that the contractor is fully aware of all GST Laws and his liabilities and responsibilities under the said laws including but not restricted to correct HSN/SAC code, applicable rate of taxes of GST or otherwise on which his liability has to be paid and discharged. SAI shall have no liability or responsibility for any penalty or proceedings or any other liability levied or leviable on the contractor because of lower deduction or any other such non- compliance of the contractor.

Bidders will examine the various provisions of the Central Goods and Service Tax Act, 2017 (CGST)/ Goods and Service Tax Act (IGST)/ Union Territory Goods and Service Tax Act, 2017(UTGST)/ respective state's State Goods and Service Tax Act (SGST) also, as notified by Central/State Government and as amended from time to time and applicable taxes before bidding. Bidders will ensure that full benefit of Input Tax Credit (ITC) likely to be availed by them is duly considered while quoting rates.

Anti-Profiteering Clause upon implementation of GST any reduction in tax on account of anti-profiteering on supply of goods or services, the benefit of input tax credit shall be passed on to SAI by way of commensurate reduction in prices.

In case of any law requires SAI to pay tax on the contract price on reverse charge basis, the amount of tax deposited by SAI would be considered as per Income Tax Act, GST Laws or any other law as applicable.

Stamp duty and registration charges, if any, payable on the executed contract document, shall be borne by the contractor.

15 ROYALTY ON MATERIALS

The contractor shall be solely responsible for depositing the applicable royalty and obtaining all necessary permits from the relevant local authorities for the supply and use of bajri, stone, kankar, sand, and any other materials required for the execution of the work. The quoted rates shall be inclusive of all royalties, levies, and charges, and no additional claims in this regard shall be entertained by SAI under any circumstances

16 RATES TO BE FIRM

- 16.1 The Percentage / Item Rates quoted by the tenderer shall be firm and fixed for the entire period of completion and till handing over of the work. No revision to Percentage /Item Rates or any escalation shall be allowed on account of any increase in prices of materials, labour, POL and Overheads etc. or any other statutory increase during the entire contract period or extended contract period.
- 16.2 The contractor shall be deemed to have inspected the site, it's surrounding and acquainted with the nature of the ground, accessibility of the site and full extent and nature of all operations necessary for the full and proper execution of the contract, space for storage of materials, constructional plant, temporary works, restrictions on the plying of heavy vehicles in area, supply and use of labour, materials, plant, equipment and laws, rules and regulations, if any, imposed by the local authorities.
- 16.3 The rates and prices given in the bill of quantities are for completed and finished items of works and complete in all respects. It will be deemed to include all constructional plant, labour, supervision, materials, transport, all temporary works, erection, maintenance, contractor's profit and establishment/ overheads, together with preparation of designs & drawings pertaining to casting yard, shop drawing, fabrication drawing (if required), staging form work, stacking yard, etc. all general risk, taxes, royalty ,duties, cess, octroi and other levies, insurance liabilities and obligations set out or implied in the tender documents and contract.

- 16.4 Unless otherwise specified in the Bill of Quantities (BOQ), the contractor has to make his own arrangement for dewatering/ bailing out of water, effluent including strutting, shoring etc. at every stage of work wherever required including working under foul condition as per direction of Engineer-In-Charge at his own cost and the contractor shall not be entitled for any extra payment, whatsoever, in this regard.
- 16.5 If required to make work site suitable for execution, contractor shall have to clear jungle including of rank vegetation, grass, trees etc., clear & clean existing drains/ canals (including strutting, shoring and packing cavities) and dispose them out of the site up-to any lead and lift as per direction of Engineer-In-Charge. The contractor should inspect the site of work from this point of view. Unless otherwise specified in the Bill of Quantities, the cost to be incurred in this regard shall be deemed to be included in his quoted rates of BOQ items and the contractor shall not be entitled for any extra payment in this regard.
- 16.6 If any temporary/ permanent structure is encountered or safety of such structure in the vicinity is endangered due to execution of the project, the contractor has to protect the structures by any means as per the directions of the Engineer-In-Charge. If any damage caused to any temporary or permanent structure(s) in the vicinity is caused due to execution of the project, the contractor has to make good the same by any means as per directions of the Engineer-In-Charge. The contractor should inspect the site of work from this point of view. The cost to be incurred in this regard shall be deemed to be included in his quoted rates of BOQ items and the contractor shall not be entitled for any extra payment in this regard.

17 ESCALATION/ PRICE VARIATION

No claim on account of any price variation / Escalation on whatsoever ground shall be entertained at any stage of works. All Percentage / Item Rates as per Bill of Quantities (BOQ) quoted by Contractor shall be firm and fixed for entire contract period as well as extended period for completion of the works. No escalation/price variation clause shall be applicable on this contract.

18 INSURANCE OF WORKS ETC.

Contractor is required to take **contractor's all risk policy** or erection all risk policy (as the case may be) from an approved insurance company in the joint name with SAI and bear all costs towards the same for the full period of execution of works including the defect liability period for the full amount of contract against all loss of damage from whatever cause arising other than excepted risks for which he is responsible under the terms of the contract and in such manner that the SAI and the contractor are covered during the period of construction of works and/or also covered during the period of defect liability for loss or damage:

- a. The work and the temporary works to the full value of such works.
- b. The materials, constructional plant, centering, shuttering and scaffolding materials and other things brought to the site for their full value.

Whenever required by SAI, the contractor shall produce the policy or the policies of insurance and the receipts for payment of the current premiums.

19 INSURANCE UNDER WORKMEN COMPENSATION ACT

Contractor is required to take insurance cover under the Workman Compensation Act, 1923 amended from time to time from an approved insurance company and pay premium charges thereof. Wherever required by SAI the contractor shall produce the policy or the policies of Insurance and the receipt of payment of the current premiums.

20 THIRD PARTY INSURANCE

Contractor is required to take third party insurance cover for an amount of 5% (five percent) of contract value from an approved insurance company for insurance against any damage, injury or loss which may occur to any person or property including that of SAI, arising out of the execution of the works or temporary works. Wherever required by SAI the contractor shall produce the policy or the policies of Insurance and the receipt of payment of the current premiums. In case of failure of the contractor to obtain contractors all risk policy, insurance under workman compensation act and third-party insurance as described above within one month from the date of commencement of work, running account payments of the contractor shall be withheld till such time the contractor obtains the aforesaid insurance covers.

If the Contractor could not effect a comprehensive insurance cover against risks which he may be required to effect under the terms of the contract, then he shall give his attention to get the best insurance cover available and even in case of effecting a wider insurance cover than the one which the subsidiary of the General Insurance Company could offer, such an insurance is ought to be done after the SAI's approval, by or through the subsidiary of the General Insurance Company.

21 INDEMNITY AGAINST PATENT RIGHTS

The contractor shall fully indemnify and hold SAI harmless against any and all claims, demands, proceedings, liabilities, damages, costs, and expenses arising from or in connection with any infringement of patent rights, design rights, trademarks, trade names, or any other protected intellectual property rights related to the construction plant, machinery, works, or materials used in the execution of the project, including temporary works. In the event of any such claim, the contractor shall be solely responsible for defending SAI against such proceedings and shall bear all associated costs, including any damages or settlements that may be awarded.

22 LABOUR LAWS TO BE COMPLIED BY THE CONTRACTOR

The contractor shall obtain a valid license under the Contract Labour (Regulation & Abolition) Act, 1970, and the Contract Labour (Regulation & Abolition) Central Rules, 1971, as amended from time to time. The contractor shall ensure that the license remains valid throughout the execution of the work, including the Defect Liability

Period.

- 22.1. The contractor shall strictly comply with the provisions of the Child Labour (Prohibition and Regulation) Act, 1986, as amended from time to time. No worker below the age of 18 years shall be engaged in the execution of the contract under any circumstances.
- 22.2. Any failure to comply with the above statutory requirements before the commencement of work or during execution shall render the contractor liable for penal action under this contract, including termination for default and forfeiture of any dues, in addition to statutory penalties as prescribed by law.

23 LABOUR SAFETY PROVISION

The contractor shall be fully responsible to observe the labour safety provisions.

24 OBSERVANCE OF LABOUR LAWS

- 1.0 The contractor shall be solely responsible for the observance and compliance with all applicable labour laws, including local laws and any other statutory provisions governing employment, wages, working conditions, social security, and welfare of workers. The contractor shall also indemnify and keep SAI indemnified against any consequences, liabilities, penalties, or legal actions arising due to non-compliance or violations of such laws.**
- 2.0** The contractor shall ensure timely payment to all employees, workers, and sub-contractors, in accordance with the applicable labour laws. In the event that SAI or its client/owner is held liable as the "Principal Employer" for any statutory contributions or liabilities under government legislation or a court ruling concerning the contractor's workforce, the contractor shall fully reimburse such payments to SAI. SAI shall have the right to recover such amounts by deducting them from the contractor's payments, security deposit, or any other dues payable.
- 3.0** The contractor shall be required to submit valid proof of registration under the Employees' Provident Fund (EPF) Act. In the absence of a valid EPF registration certificate, SAI reserves the right to withhold an amount equivalent to 4.70% of the value of each Running Account (R/A) Bill until the contractor submits proof of EPF registration from the relevant authorities. If it becomes necessary for SAI to deposit the withheld amount with the EPF authorities as per statutory requirements, SAI shall do so. In such a case, the withheld amount shall not be refunded to the contractor, even upon subsequent submission of the EPF registration certificate.
- 4.0** The contractor shall be liable to pay cess levied under the Building and other Construction Workers Welfare Cess Act, 1996, at such rates as may be notified by the Government from time to time. The SAI shall deduct at source from every Running Account Bill of the Contractor, the said cess, at such rates for the time being prevailing, which shall not exceed 2% (two percent) but not be less than 1% (one percent) of the cost of construction incurred by the SAI.

25 LAW GOVERNING THE CONTRACT

The Indian Laws shall govern this contract for the time being in force.

26 LAWS, BY LAWS RELATING TO THE WORK

The contractor shall strictly abide by the provisions, for the time being in force, of law relating to works or any regulations and bylaws made by any local authority or any water & lighting agencies or any undertakings within the limits of the jurisdiction of which the work is proposed to be executed. The contractor shall be bound to give to the authorities concerned such notices and take all approvals as may be provided in the law, regulations or bylaws as aforesaid, and to pay all fees and taxes payable to such authorities in respect thereof.

27 EMPLOYMENT OF PERSONNEL

- 27.1 The contractor shall employ only Indian Nationals as his representatives, servants and workmen after verifying their antecedents and loyalty. He shall ensure that no personnel of doubtful antecedents and any other nationality in any way are associated with the works.
- 27.2 The SAI shall have full power and without giving any reason to the contractor, immediately to get removed any representative, agent, servant and workmen or employees on account of misconduct negligence or incompetence or whose continued employment may in his opinion be undesirable. The contractor shall not be allowed any compensation on this account.

28 TECHNICAL STAFF FOR WORK

- 28.1 The contractor shall employ at his cost the adequate number of technical staff during the execution of this work depending upon the requirement of work. For this purpose the numbers to be deployed, their qualification, experience as decided by SAI shall be final and binding on contractor. The contractor shall not be entitled for any extra payment in this regard. The technical staff should be available at site, whenever required by SAI to take instructions.
- 28.2 Within 15 days of letter of intent, the contractor shall submit a site organizational chart and resume including details of experience of the Project-in-Charge and other staff proposed by him and shall depute them on the Project after getting approval from Engineer-In-Charge. If desired by the contractor at a later date, the Project-in-Charge and other staff whose resume is approved by SAI can be replaced with prior written approval of SAI and replacement shall be with equivalent or superior candidate only. The decision of Engineer-In-Charge shall be final and binding on the contractor. Even after approving the site organizational chart, the Engineer-In-Charge, due to nature and exigency of work, can direct the contractor to depute additional staff as per the requirement.

The removal of such additional staff from the site shall only be with the prior written approval of Engineer-In-Charge. The contractor shall not be paid anything extra

whatsoever on account of deployment of additional staff and decision of the Engineer-In-Charge shall be final and binding on the contractor.

29 LAND FOR LABOUR HUTS/ SITE OFFICE AND STORAGE ACCOMMODATION

- 29.1 The contractor shall arrange the land for temporary office, storage accommodation and labour huts at his own cost and get the clearance of local authorities for setting up of labour camp and same is deemed to be included in the rates quoted by the contractor for the works. The contractor shall ensure that the area of labour huts is kept clean and sanitary conditions are maintained as laid down by the local authorities controlling the area. The labour huts shall be so placed that it does not hinder the progress of work or access to the worksite. Contractor shall give the vacant possession of the land utilised for this purpose back after completion of the work. The security deposit of the contractor shall be released only after contractor demolishes all structures including foundations and gives back clear vacant possession of this land.
- 29.2 In the event the contractor has to shift his labour campus at any time during execution of the work on the instructions of local authorities or as per the requirement of the work progress or as may be required by SAI, he shall comply with such instructions at his cost and risk and no claim whatsoever shall be entertained on this account.

29.3 FURNISHED OFFICE ACCOMMODATION & MOBILITY AND COMMUNICATION TO BE PROVIDED BY CONTRACTOR TO SAI

On account of furnished Project Office equipped with all facilities such as telephone, fax, internet, photocopier, computer/ laptop & printer along with operator, regular electric & purified drinking water supply and inspection vehicle etc. as per the requirement of the project an amount equal to 1.00 % of gross bill from all running account & final bill will be recovered.

The contractor shall also make sufficient arrangement for Photography/ Videography preferably by maintaining a camera/video camera at site so that video photographs can be taken of a specific activity at any point of time. The contractor shall also provide software like MS Project etc. for the purpose of preparing progress report etc.

- 29.4 The contractor shall make all arrangements for ground breaking ceremony/ inaugural function etc. for the project as required and the cost towards it deemed to be included in his rates/offer.

30 WATCHING AND LIGHTING

The contractor shall at his own cost take all precautions to ensure safety of life and property by providing necessary barriers, lights, watchmen etc. during the progress of work as directed by Engineer-In-Charge.

31 HEALTH & SANITARY ARRANGEMENTS

In case of all labour directly or indirectly employed in work for the performance on the contractor's part of this contract, the contractor shall comply with all rules framed by Govt. from time to time for the protection of health and sanitary arrangements for workers.

32 WORKMEN'S COMPENSATION ACT

The contractor shall at all times indemnify SAI and Owner against all claims for compensation under the provision of Workmen's Compensation Act or any other law in force, for any workmen employed by the contractor or his sub-contractor in carrying out the contract and against all costs and expenses incurred by the SAI therewith.

33 MINIMUM WAGES ACT

The contractor shall strictly comply with all provisions of the Minimum Wages Act, 1948, the Contract Labour (Regulation & Abolition) Act, 1970, along with the rules framed thereunder, and any other applicable labour laws or local laws governing contract labour. The contractor shall also ensure compliance with any amendments or new legislations that may be enacted during the execution of the contract. Failure to adhere to these statutory requirements shall render the contractor liable for penalties, legal action, and any financial liabilities arising therefrom, and SAI shall have the right to recover such amounts from the contractor's payments, security deposit, or other dues

34 LABOUR RECORDS

The contractor shall submit by the 4th & 19th of every month to the Engineer-In-Charge of SAI a true statement, showing in respect of the second half of the proceeding month and the first half of the current month, respectively, of the following data:

- a) The number of the labour employed by him (category-wise).
- b) Their working hours.
- c) The wages paid to them.
- d) The accidents that occurred during the said fortnight showing the circumstances under which they happened and the extent of damage and injury caused.
- e) The number of female workers who have been allowed Maternity Benefits and the amount paid to them.
- f) Any other information required by Engineer-In-Charge.

35 MEASUREMENTS OF WORKS

Unless otherwise mentioned in the bill of quantities the measurements of works shall be done as per MOST/ CPWD specifications (as specified in Technical Specification of the Tender) and if the same is not given in the CPWD / MOST Specifications, the same shall be measured as per latest relevant BIS codes in force. The quantity of steel

reinforcement and the structural steel sections incorporated in the work shall be measured & paid on the basis of standard coefficients of sections as per BIS Codes of practice.

36 WORK ON SUNDAYS, HOLIDAYS AND DURING NIGHT

If required to complete the work as per time schedule, the contractor may carrying out work on Sunday and Holidays or during night, in this regard the contractor will intimate the Engineer-In-Charge or his representative in advance and obtain his permission. The contractor shall have no claim on this account whatsoever. If work demand, the contractor shall make arrangements to carry out the work on Sundays, Holidays and in two, three shifts at no extra cost to SAI.

37 NO IDLE CHARGES TOWARDS LABOUR OR P&M ETC.

No idle charges or compensation shall be paid for idling of the contractor's labour, staff or P&M etc. on any ground or due to any reason whatsoever. SAI will not entertain any claim in this respect.

38 WORK TO BE EXECUTED IN ACCORDANCE WITH SPECIFICATIONS, DRAWINGS AND ORDERS ETC.

The contractor shall execute the whole and every part of the work in the most substantial and workman like manner both as regards materials and otherwise in every respect in strict accordance with the specifications. The contractor shall also conform exactly, fully and faithfully to the design, drawings and instructions in writing in respect of the work assigned by the Engineer-In-Charge and the contractor shall be furnished free of charge one copy of the contract documents together with specifications, designs, drawings.

The contractor shall comply with the provisions of the contract and execute the works with care and diligence and maintain the works and provide all labour and materials, tools and plants including for measurements and supervision of all works, structural plans and other things of temporary or permanent nature required for such execution and maintenance in so far as the necessity for providing these is specified or is reasonably inferred from the contract. The contractor shall take full responsibility for adequacy, suitability and safety of all the works and methods of construction.

39 DIRECTION FOR WORKS

39.1 All works to be executed under the contract shall be executed under the directions and subject to approval in all respects of the Engineer-In-Charge of SAI who shall be entitled to direct at what point or points and in what manner the works are to be commenced and executed.

39.2 The Engineer-In-Charge and his representative shall communicate or confirm their instructions to the contractor in respect of the execution of work during their site inspection in a 'Works Site Order Book' maintained at the site office of Engineer-In-Charge. The contractor or his authorized representative shall confirm receipt of such

instructions by signing against the relevant orders in the book.

40 ORDER OF PRECEDENCE OF DOCUMENTS

In case of difference, contradiction, discrepancy, dispute with regard to Conditions of Contract, Specifications, Drawings, Bill of Quantities and Rates quoted by the Contractor and other documents forming part of the contract, the following shall prevail in order of precedence.

- i) Letter of Intent, Letter of Award, Work Order, Agreement along with statement of agreed variations and its enclosures.
- ii) Bill of Quantity / Schedule of Quantities.
- iii) Special Conditions of Contract.
- iv) Technical Specifications (General, Additional and Technical Specification) as give in Tender documents.
- v) General Conditions of Contract.
- vi) Drawings.
- vii) CPWD Specifications (as specified in Technical Specification of the Tender) update with correction slips issued up to last date of receipt of tenders.
- viii) Relevant B.I.S. Codes.

41 TIME SCHEDULE & PROGRESS

- 41.1 Time allowed for carrying out all the works as entered in the tender shall be as mentioned in the Tender conditions. The Date of Start of contract shall be reckoned 10 days after the date of issue of letter/FAX/E-mail of intent/acceptance of tender. Time shall be the essence of the contract and contractor shall ensure the completion of the entire work within the stipulated time of completion.
- 41.2 The contractor shall also furnish within 10 days of date of receipt of letter of Intent, a CPM network/ PERT chart/ Bar Chart along with quarterly milestones and resources plan for man, material & machinery to achieve the milestones for completion of work within stipulated time. This will be duly got approved from Concerned Zonal/Unit Office of SAI. This approved Network/ PERT Chart shall form a part of the agreement. Achievement of milestones as well as total completion has to be within the time period allowed.
- 41.3 Contractor shall mobilize and employ sufficient resources for completion of all the works as indicated in the agreed BAR CHART/Network. No additional payment will be made to the contractor for any multiple shift work or other incentive methods contemplated by him in his work schedule even though the time schedule is approved by the Engineer-In-Charge.
- 41.4 During the currency of the work the contractor is expected to adhere to the time schedule on milestone and total completion and this adherence will be a part of Contractor's performance under the contract. During the execution of the work contractor is expected to participate in the review and updating of the Network/ BAR CHART undertaken by the SAI. These reviews may be undertaken at the discretion of SAI either as a periodical appraisal measure or when the quantum of work order on the contractor is substantially

changed through deviation orders or amendments. The review shall be held at site or any of the offices of SAI/ owner / consultant at the sole discretion of SAI. The contractor will adhere to the revised schedule thereafter. The approval to the revised schedule resulting in a completion date beyond the stipulated date of completion shall not automatically amount to a grant of extension of time to the contractor.

- 41.5 Contractor shall submit Fortnightly/ Monthly (as directed by Engineer-In-Charge) progress reports (5 copies) on a computer-based program (program and software to be approved by Engineer-In-Charge) highlighting status of various activities and physical completion of work.
- 41.6 The contractor shall send completion report with as built drawings and maintenance schedule to the office of Engineer-In-Charge, of SAI in writing within a period of 30 days of completion of work.

42 WATER AND ELECTRICITY

The contractor shall make his own arrangement for Water & Electrical Power for construction and other purposes at his own cost and pay requisite electricity and water charges. The contractor shall also make standby arrangement for water & electricity to ensure un-interrupted supply. (SAI at its Discretion may provide water, electricity and tie in connections at a single point on chargeable basis as per prevailing departmental/concerned authority rates)

43 MATERIALS and EQUIPMENTS TO BE PROVIDED BY THE CONTRACTOR

The contractor shall, at his own expense, provide all materials and equipment's required including Cement & Steel for the works.

The contractor shall at his own expense and without delay; supply to the Engineer-In- Charge samples of materials to be used on the work and shall get the same approved in advance. All such materials to be provided by the Contractor shall be in conformity with the specifications laid down or referred to in the contract. The contractor shall, if required by the Engineer-In-Charge furnish proof, to the satisfaction of the Engineer-In-Charge that the materials so comply.

The contractor shall at his risk and cost, submit the samples of materials to be tested or analyzed and bear all charges and cost of testing unless specifically provided or otherwise elsewhere in the contract or specifications. The Engineer-In-Charge or his authorized representative shall at all times have access to the works and to all workshops and places where work is being prepared or from where materials, manufactured articles or machinery are being obtained for the works and the contractor shall afford every facility and every assistance and cost in obtaining the right and visit to such access.

The Engineer-In-Charge shall have full powers to require the removal from the premises of all materials, which in his opinion are not in accordance with the specifications and in case of default, the Engineer-In-Charge shall be at liberty to employ at the expense of the contractor, other persons to remove the same without being answerable or accountable for any loss or damage that may happen or arise to such materials. The Engineer-In-Charge

shall also have full power to require other proper materials to be substituted thereof and in case of default, the Engineer-In- Charge may cause the same to the supplies and all costs which may require such removal and substitution shall be borne by the contractor.

43.1 CEMENT AND CEMENT GODOWN

Cement shall be procured by Contractor confirming to BIS: 8112 Specification latest edition or Grades as directed by the Engineer-In-Charge. The cement shall be procured directly from the reputed manufacturers/ stockiest, which will have to be got approved from SAI in advance. Relevant vouchers and test certificates will be produced as and when required. The cement shall be stored by the contractor in such suitable covered and lockable stores, well protected from climate and atmospheric affect. The cement godown shall be constructed by the contractor as per CPWD specifications at his own cost. The cement in bags shall be stored in godowns in easy countable position. Cement bags shall be used on first in first out basis. Cement stored for beyond 90 days will be required to be tested at contractors cost, before use in works.

43.2 STEEL & STEEL STOCKYARD

Steel confirming to BIS specifications (latest edition) shall be procured by the contractor directly from reputed manufacturers. The manufacturer has to give a certificate that the material supplied is not a re-rolled product. The contractor will produce relevant vouchers & test certificates. Re-rolled sections will not be allowed.

Reinforcement steel, structural steel shall be stored and stacked in such a manner so as to facilitate easy identification, removal etc. The contractor shall take proper care to prevent direct contact between the steel and the ground/ water for which he shall provide necessary arrangement at his own cost including ensuring proper drainage of area to prevent water logging as per directions of the Engineer-In-Charge. Steel shall also be protected, by applying a coat of neat cement slurry over the bars for which no extra payment shall be made.

Test certificates for each consignment of steel shall be furnished and tests to be got carried out from the authorized laboratory as per the directions of Engineer-In-Charge, before incorporating the materials in the work.

44 SCHEDULE OF QUANTITIES / BILL OF QUANTITIES/ QUANTITY VARIATION

- 44.1 The work under this contract shall be carried out as per BOQ cum rate schedule. In case the description /specification as per BOQ are found to be incomplete CPWD/MOST specifications shall be followed. Quantities mentioned in the rate schedule are approx. only and liable for variation due to change of scope of work/variation in schedule of quantities, changes in design etc. The tenderers shall under take to execute actual quantities as per advise of SAI engineer and accordingly the final contract price shall be worked out on the basis of quantities actually executed at site in payments will also be regulated for the same. The quantities indicated against each item may vary to any extent and no

compensation will be payable in variation of individual quantity to the extent sanction is available.

- 44.2 All items of work in the bill of quantities/ schedule of quantities shall be carried out as per the CPWD/MOST specifications, drawings and instructions of the Engineer-In-Charge of SAI and the rates shall include for supply of required materials including proper storage, consumables, skilled & unskilled labour, supervision and tools, tackles, plant & machinery complete as called for in the detailed specifications and conditions of the contract. The Contractor without the approval of the SAI shall execute no item, which is not covered in the bill of quantities. In case any Extra/Substituted Item is carried out without specific approval, the same will not be paid.

45 ANTI-TERMITE TREATMENT & WATER PROOF TREATMENT

- 45.1 Pre-construction treatment shall be carried out in co-ordination with the building work and shall be executed in such a manner that the civil works are not hampered or delayed by the anti-termite treatment. The treatment shall be carried out as detailed in BIS: 6313 (Part-II) latest revision. The waterproof treatment shall be of type and specifications as given in the schedule of quantities.
- 45.2 The treatment against water-proofing of basement, roofs, water retaining areas and termite infestation shall be and remain fully effective for a period of not less than 10 (Ten) years to be reckoned from the date of expiring of the Defect Liability Period, prescribed in the contract. At any time during the said guarantee period if SAI finds any defects in the said treatment or any evidence of re-infestation, dampness, leakage in any part of buildings or structure and notifies the contractor of the same, the contractor shall be liable to rectify the defect or give re-treatment and shall commence the work or such rectification or re-treatment within seven days from the date of issue of such letter to him. If the contractor fails to commence such work within the stipulated period, the SAI may get the same done by another agency at the Contractor's cost and risk and the decision of the Engineer-In-Charge of SAI for the cost payable by the contractor shall be final and binding upon him.
- 45.3 Re-treatment if required shall be attended to and carried out by the Contractor within seven days of the notice from Engineer-In-Charge of SAI.
- 45.4 The SAI reserves the right to get the quality of treatment checked in accordance with recognized test methods and in case it is found that the chemicals with the required concentration and rate of application have not been applied, or the water proof treatment is not done as per specifications, the contractor will be required to do the re- treatment in accordance with the required concentration & specifications at no extra cost failing which no payment for such work will be made. The extent of work thus rejected shall be determined by SAI.
- 45.5 Water proofing and anti-termite treatment shall be got done through approved / specialized agencies only with prior approval of Engineer-In-Charge.
- 45.6 The contractor shall make such arrangement as may be necessary to safe guard the

workers and residents of the building against any poisonous effect of the chemicals used during the execution of the work.

- 45.7 During the execution of work, if any damage shall occur to the treatment already done, either due to rain or any other circumstances, the same shall be rectified and made good to the entire satisfaction of Engineer-In-Charge by the contractor at his costs and risks.
- 45.8 The contractor shall make his own arrangement for all equipments required for the execution of the job.
- 45.9 The contractor whose tender is accepted shall execute Guarantee Bond in the prescribed form as appended for guaranteeing the anti-termite treatment and water proof treatment.

46 INDIAN STANDARDS

Wherever any reference is made to Indian Standards (IS) in the specifications, drawings, or bill of quantities, it shall be deemed to refer to the latest edition of the relevant Indian Standard, including all amendments, as applicable on the last date of receipt of the tender documents. The contractor shall be responsible for ensuring full compliance with these standards in the execution of the work. Any deviation from the prescribed IS specifications shall require prior written approval from SAI, failing which the work shall be considered non-compliant and subject to rectification at the contractor's cost.

47 CENTERING & SHUTTERING

Marine waterproof plywood only or steel plates of minimum thickness as approved by Engineer- In-Charge shall be used for formwork. The shuttering plates shall be cleaned and oiled after every repetition and shall be used only after obtaining approval of SAI's Engineers at site. The number of repetitions allowed for plywood and steel shuttering shall be at the discretion of Engineer-In-Charge of SAI depending upon the condition of shuttering surface after each use and the decision of Engineer-In- Charge in this regard shall be final and binding on the contractor. No claim whatsoever on this account shall be admissible.

48 PROPRIETARY MATERIALS

- 48.1 The following proprietary materials shall be brought to site after the approval of SAI.
- i) Water Proofing Compound
 - ii) Cement
 - iii) Steel
 - iv) Bitumen
 - v) Primer/Paints/Varnish etc.
 - vi) Chemical for anti-termite treatment
 - vii) Any other materials as per discretion of the SAI.

- 48.2 The quantity of proprietary materials shall be measured and recorded in the Measurement Books and signed by the Contractor and the Engineer-In-Charge as a check to ensure that the required quantities as required for execution of works as per specifications have to be brought to site for incorporation in the work.
- 48.3 Proprietary materials brought at site shall be stored as directed by SAI and those already recorded in Measurement Book, shall be suitably marked for identification.
- 48.4 The contractor shall ensure that the proprietary materials are brought to site in original sealed containers or packing bearing manufacturer's markings and brands (except where the quantity required is a fraction of the smallest packing). Materials not complying with this requirement shall be rejected. The empty containers of such proprietary materials shall not be destroyed/ disposed-off without the permission of SAI.
- 48.5 The contractor shall produce receipted vouchers showing quantities of the materials to satisfy Engineer-In-Charge that the materials comply with the specifications. These vouchers shall be endorsed, dated and initialed by Engineer-In-Charge giving the contract number and name of work and a certified copy of each such voucher signed both by SAI and the Contractor shall be kept on record.

49 RECORDS OF CONSUMPTION OF MATERIALS

- 49.1 For the purpose of keeping a record of materials (Steel & Cement) received at site and consumed in works, the contractor shall maintain a properly bound register in the form approved by the SAI, showing columns like quantity received and used in work and balance in hand etc. This register shall be signed daily by the contractor's representative and SAI's representative.
- 49.2 The register of material shall be kept at site in the safe custody of SAI's Engineer during progress of the work. This provision will not, however, absolve the contractor from the quality of the final product.
- 49.3 In case cement or steel quantity consumed is lesser as compared to the theoretical requirement of the same as per MOST/CPWD (as the case may be) specifications/ norms, the work will be devalued and/ or a penal rate (i.e. double the rate at which cement/ steel purchased last) recovery for lesser consumption of cement/ steel shall be made in the rates of the work done subject to the condition that the tests results fall within the acceptable criteria as per MOST/CPWD (as the case may be) specifications otherwise the work shall have to be dismantled and redone by the contractor at no extra cost.

In case of cement, if actual consumption is less than 98% of the theoretical consumption, a recovery shall be affected from the contractor's dues at the penal rate (Prescribed under relevant clauses of I.S. Code) for the actual quantity, which is lower than 98% of theoretical consumption.

50 MATERIALS AND SAMPLES

- 50.1 The contractor shall submit samples/ specimens out of approved makes of materials/

products to the Engineer-In-Charge for prior approval. In exceptional circumstances Engineer-In-Charge may allow alternate equivalent makes/ brands of products/ materials at his sole discretion. The final choice of brand/ make shall remain with the Engineer-In-Charge, whose decision in this matter shall be final and binding and nothing extra on this account shall be payable to the Contractor.

- 50.2 In case no make or brand of any materials, articles, fittings and accessories etc. is specified, the same shall comply with the relevant Indian Standard Specifications and shall bear the ISI/BIS mark. The Engineer of SAI and the owner shall have the discretion to check quality of materials and equipment to be incorporated in the work, at source of supply or site of work and even after incorporation in the work. They shall also have the discretion to check the workmanship of various items of work to be executed in this work. The contractor shall provide the necessary facilities and assistance for this purpose.

The above provisions shall not absolve the contractor from the quality of final product and in getting the material and workmanship quality checked and approved from the Engineer-In-Charge of SAI.

- 50.3 The contractor shall well in advance, produce samples of all materials, articles, fittings, accessories etc. that he proposes to use and get them approved in writing by SAI. The materials articles etc., as approved, shall be labeled as such and shall be signed by SAI and the Contractor's representative.
- 50.4 The approved samples shall be kept in the custody of the Engineer-In-Charge of SAI till completion of the work. Thereafter, the samples, except those destroyed during testing shall be returned to the contractor. No payment will be made to the contractor for the samples or samples destroyed in testing.
- 50.5 The brands of all materials, articles fittings etc. approved together with the names of the manufacturers and firms from which supplies have been arranged shall be recorded in the site order book.
- 50.6 The contractor shall set up and maintain at his cost, a field-testing laboratory for all day- to-day tests at his own cost to the satisfaction of the Engineer-In-Charge. This field- testing laboratory shall be provided with equipment and facilities to carry out all mandatory field tests as per MOST/CPWD (as the case may be) specifications. The laboratory building shall be constructed and installed with the appropriate facilities; Temperature and Humidity controls shall be available wherever necessary during testing of samples.

All equipments shall be provided by the Contractor so as to be compatible with the testing requirements specified. The Contractor shall maintain all the equipments in good working condition for the duration of the contract.

The Contractor shall provide approved qualified personnel to run the laboratory for the duration of the Contract. The number of staff and equipment available must at all times be sufficient to keep pace with the sampling and testing programme as

required by the Engineer-In-Charge.

The Contractor shall fully service the site laboratory and shall supply everything necessary for its proper functioning, including all transport needed to move equipment and samples to and from sampling points on the site, etc. The Contractor shall re- calibrate all measuring devices whenever so required by the Engineer-In-Charge and shall submit the results of such measurements without delay. All field tests shall be carried out in the presence of SAI representative. All costs towards samples, materials, collection, transport, manpower, testing etc. shall be borne by the Contractor and are deemed to be included in the rates quoted by him in the bill of quantities.

51 TESTS AND INSPECTION

- 51.1 The contractor shall be responsible for carrying out all mandatory tests as per the approved specifications, technical documents, and directions of SAI during the execution of the work.
- 51.2 All tests on materials shall be conducted in accordance with the standards prescribed by CPWD (Central Public Works Department), MOST (Ministry of Surface Transport), and the relevant Indian Standard (IS) Codes, including all amendments applicable as of the last date of submission of tender documents.
- 51.3 The contractor shall arrange for all necessary tests at a field testing laboratory or any other recognized institution/laboratory, as directed by SAI. All testing charges, laboratory fees, and associated expenses shall be borne solely by the contractor.
- 51.4 All tests, whether conducted on-site or at external laboratories, relating to the execution of the work and supply of materials, shall be performed by the contractor or by SAI at the contractor's expense.
- 51.5 Failure to conduct the required tests or non-compliance with test results shall be considered a breach of contract, and SAI shall have the right to reject defective materials, halt work, impose penalties, or take any other necessary remedial action at the risk and cost of the contractor.

52 WORKS TO BE OPEN TO INSPECTION

All works executed or under the course of execution in pursuance of this contract shall at all times be open to inspection and supervision of the SAI and its designated representatives. The work during its progress or after its completion may also be inspected, by Chief Technical Examiner of Government of India (CTE) and/ or an inspecting authority of State Government of State in which work is executed and/or by third party checks by owner/ clients. The compliance of observations/ improvements as suggested by the inspecting officers of SAI/CTE/ State Authorities/ Owners shall be obligatory on the part of the Contractor at the cost of contractor. Any rectifications, modifications, or corrective actions required pursuant to such inspections shall be executed at the sole cost and responsibility of the contractor, without any additional financial liability on SAI and failure to comply with inspection observations or corrective measures may lead to penalties, withholding of

payments, rejection of work, or termination of contract as deemed necessary by SAI.

53 BORROW AREAS

The contractor shall make his own arrangements for borrow pits and borrow disposal areas including their approaches and space for movement of man, machinery, other equipments as required for carrying out the works. The contractor shall be responsible for taking all safety measures, getting approval, making payment of royalties, charges etc. and nothing extra shall be paid to the contractor on this account and rates quoted by the contractor for various items of bill of quantities shall deemed to include the same.

54 BITUMEN WORK

The contractor shall collect the total quantity of tar or bitumen required for the work as per standard formula, before the process of painting started and shall hypothecate it to the Engineer-In-Charge. Although the materials are hypothecated to SAI, the Contractor undertakes the responsibility for their proper watch, safe custody and protection against all risks. The materials shall not be removed from site of work without the consent of the Engineer-In-Charge in writing.

55 CARE OF WORKS

From the commencement to the completion of works and handing over, the contractor shall take full responsibility for care thereof all the works and in case of any damage/loss to the works or to any part thereof or to any temporary works due to lack of precautions or due to negligence on part of Contractor, the same shall be made good by the Contractor.

56 WORK IN MONSOON AND DEWATERING

The execution of the work may entail working in the monsoon also. The contractor must maintain labour force as may be required for the job and plan and execute the construction and erection according to the prescribed schedule. No special/ extra rate will be considered for such work in monsoon. The contractor's rate shall be considered inclusive of cost of dewatering required if any and no extra rate shall be payable on this account.

57 NO COMPENSATION FOR CANCELLATION/ REDUCTION OF WORKS

If at any time after the commencement of the work the SAI shall for any reason whatsoever is required to abandon the work or is not require the whole work thereof as specified in the tender to be carried out, the Engineer-In-Charge shall give notice in writing of the fact to the contractor, who shall have no claim to any payment of compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full, but which he did not derive in

consequence of the full amount of the work not having been carried out or foreclosure, neither shall he have any claim for compensation by reason of any alterations having been made in the original specifications, drawings, designs and instructions which shall involve any curtailment of the work as originally contemplated. Provided that the contractor shall be paid the charges on the cartage only of materials actually and bonafide brought to the site of the work by the contractor and rendered surplus as a result of the abandonment or curtailment of the work or any portion thereof and then taken back by the contractor, provided however, that the Engineer-In-Charge shall have in all such cases the option of taking over all or any such materials at their purchase price or at local current rates whichever may be less. In the case of such stores having been issued by SAI and returned by the Contractor to SAI, credit will be given to him by the Engineer-In-Charge at rates not exceeding those at which they were originally issued to him after taking into consideration any deduction for claims on account of any deterioration or damage while in the custody of the contractor and in this respect the decision of the Engineer-In-Charge shall be final.

58 RESTRICTION ON SUBLETTING

- 58.1 The contractor shall not sublet or assign the whole or part of the works except where otherwise provided, by the contract and even then only with the prior written consent of the SAI and such consent if given shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults or neglects of any sub-contractor, his agents, servants or workman as full as if they were the acts, defaults or neglects of the contractor, his agent, servants or workman provided always that the provision of labour on piece work basis shall not be deemed to be a subletting under this clause.
- 58.2 The contractor may entrust specialized items of works to the agencies specialized in the specific trade. The contractor shall give the names and details of such firm whom it is going to employ for approval of SAI. These details shall include the expertise, financial status, technical manpower, equipment, and resources and list of works executed and on hand of the specialist agency.

59 PROHIBITION OF UNAUTHORISED CONSTRUCTION & OCCUPATION

The contractor shall not erect, construct, or install any unauthorized buildings, structures, temporary shelters, or any other installations anywhere within the project site without prior written approval from SAI. No building, structure, or facility constructed by the contractor shall be occupied, used, or retained by the contractor, its employees, workers, or sub-contractors beyond the permitted scope and duration of the contract. In case of any unauthorized construction or occupation, SAI reserves the right to:

- A. Remove/Demolish such unauthorized structures at the contractor's cost and risk.
- B. Levy penalties or withhold payments until compliance is ensured.
- C. Initiate legal proceedings or terminate the contract for repeated violations.

Upon completion of the contract, the contractor shall ensure that the project site is cleared of all temporary structures, debris, and unauthorized constructions and restored to its original condition as per SAI's instructions

60 CO-ORDINATION WITH OTHER AGENCIES

Work shall be carried out in such a manner that the work of other Agencies operating at the site is not hampered due to any action of the Contractor. Proper co-ordination with other Agencies will be Contractor's responsibility. In case of any dispute, the decision of SAI shall be final and binding on the contractor. No claim whatsoever shall be admissible on this account.

61 SETTING OUT OF THE WORKS

The contractor shall be responsible for the true and proper setting out of the works and for the correctness of the position, levels, dimensions and alignment of all parts of the works. If at any time during the progress of works, shall any error appear or arise in the position, levels, dimensions or alignment of any part of the works, the contractor shall at his own expenses rectify such error to the satisfaction of Engineer-In-Charge. The checking of any setting out or of any line or level by the engineers of SAI shall not in any way relieve the contractor of his responsibility for the correctness.

62 NOTICE BEFORE COVERING UP THE WORK

The contractor shall give not less than seven days' notice before covering up or otherwise placing beyond the reach of measurement any work, to the Engineer-In-Charge in order that the same may be inspected and measured. If any work is covered up or placed beyond the reach of inspection/ measurement without such notice or his consent being obtained the same shall be uncovered at the contractor's expenses and he shall have to make it good at his own expenses.

63 SITE CLEARANCE

The contractor shall ensure that the working site is kept clean and free of obstructions for easy access to job site and also from safety point of view. Before handing over the work to the SAI, the contractor shall remove all temporary structures like the site offices, cement godown, stores, labour hutments etc., scaffolding rubbish, left over materials tools and plants, equipments etc., clean and grade the site to the entire satisfaction of the Engineer-In-Charge. If this is not done the same will be got done by SAI at his risk and cost.

The contractor shall clean all floors, remove cement/ lime/ paint drops and deposits, clean joinery, glass panes etc., touching all painter's works and carry out all other necessary items of works to make the premises clean and tidy before handing over the building, and the Percentage/ Item Rates quoted by the contractor shall be deemed to have included the same.

64 VALUABLE ARTICLES FOUND AT SITE

All gold, silver and other minerals of any description and all precious stones, coins,
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treasure, relics, antiques and all other similar things which shall be found in, under or upon the site, shall be the property of the Owner/ Government and the contractor shall duly preserve the same to the satisfaction of Engineer-In-Charge and shall from time to time deliver the same to such person or persons indicated by the SAI.

65 MATERIALS OBTAINED FROM DISMANTLEMENT TO BE OWNER'S PROPERTY

All materials like stone, boulders and other materials obtained in the work of dismantling, excavation etc. will be considered owner/ government property and may be issued to the contractor by the owner/ SAI, if required for use in this work at rate s approved by SAI or the contractor may be asked to dispose these items at his cost.

66 SET-OFF OF CONTRACTOR'S LIABILITIES

SAI shall have the right to deduct or set off the expenses incurred or likely to be incurred by it in rectifying the defects and/or any claim under this agreement against the Contractor from any or against any amount payable to the contractor under this agreement including Security Deposit and proceeds of Performance Guarantee.

67 MATERIALS PROCURED WITH THE ASSISTANCE OF SAI

If any material for the execution of this contract is procured with the assistance of SAI either by issue from its stores or purchase made under orders or permits or licenses obtained by SAI, the contractor shall hold and use the said materials economically and solely for the purpose of this contract and shall not dispose them without the permission of Engineer-In-Charge. The contractor, if required by the SAI, shall return all such surplus or unserviceable materials that may be left with him after the completion of the contract or at its termination on whatsoever reason, on being paid or credited such price as the SAI shall determine having due regard to the conditions of materials.

68 ALTERATION IN SPECIFICATION, DESIGN & DRAWING

- 68.1 The Engineer-In-Charge 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 him to be necessary during the progress of the work, and the contractor shall carry out the work in accordance with any instructions which may be given to him in writing signed by the Engineer-In-Charge 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 above 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. The time for the completion of the work shall be extended in the proportion that the altered, additional or substituted work bears to the original contract work, and the certificate of the Engineer-In-Charge shall be conclusive as to such proportion. Over and above this, a further period to the extent of 25 percent of such extension shall be allowed to the contractor. The rates for such additional, altered

or substituted work under this clause shall be worked out in accordance with the following provisions in their respective order:

- i) The rates for the additional, altered or substituted work are specified in the contract for the work, the contractor is bound to carry out the additional, altered or substituted work at the same rates as are specified in the contract for the work.
- ii) If the rates for the additional, altered or substituted work are not specifically provided in the contract for the work, the rates will be derived from the rates for a nearest similar item of work as are specified in the contract for the work. In case of composite tenders where two or more schedule of quantities/ bill of quantities form part of the contract, the rates shall be derived from the nearest similar item in the schedule of quantities / bill of quantities of the particular part of work in which the deviation is involved failing that from the lowest of the nearest similar item in other schedule of quantity. The opinion of the Engineer-In-Charge as to whether or not the rate can be reasonably so derived from the item in this contract will be final and binding on the contractor.
- iii) If the altered, additional or substituted work includes any work for which no rate is specified in the contract for the work and which cannot be derived in the manner specified in sub para (i) and (ii) from the similar class of work in the contract then such work shall be carried out at the rates entered in the Schedule of Rates (DSR-latest) plus the percentage above or below to the quoted rates.
- iv) If the rates for the altered, additional or substituted work cannot be determined in the manner specified in sub-clauses (i) to (iii) above, then the contractor shall, within 7 days of the date of receipt of order to carry out the work, inform the Engineer-In-Charge of the rate which it is his intention to charge for such class of work, supported by analysis of the rate or rates claimed, and the Engineer-In-Charge shall determine the rate or rates on the basis of prevailing market rates of the material, Labour, T&P etc. plus 15% (Fifteen percent) to cover the contractors supervision, overheads and profit and pay the contractor accordingly. The opinion of the Engineer-In-Charge as to the current market rates of materials and quantum of labour involved per unit of measurements will be final and binding on the contractor.

However, the Engineer-In-Charge, by notice in writing, will be at liberty to cancel his order to carry out such class of work and arrange to carry it out in such manner as he may consider advisable. But under no circumstances, the contractor shall suspend the work on the plea of non-settlement of rates of items falling under the clause.

69 ACTION AND COMPENSATION PAYABLE IN CASE OF BAD WORK

If it shall appear to the Engineer-In-Charge or his authorized subordinate in charge of the work or to the Chief Technical Examiner or to any other inspecting agency of Government/ State Government/ Owner where the work is being executed, 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 him for the execution of the 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 which shall be made within six months of the completion of the work from the Engineer-In-Charge specifying the work, materials or articles complained of notwithstanding that the same may have been passed, certified and paid for forthwith rectify, or remove and reconstruct the work so specified in whole or in part as the case may require or as the case may be, remove the materials or articles so specified and provide other proper and suitable materials or articles at his own proper charge and cost, and in the event of his failing to do so within a period to be specified by the Engineer-In-Charge in his demand aforesaid, then the Contractor shall be liable to pay compensation at the rate of one percent of the estimated amount put to tender 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-In-Charge may rectify or remove and re-execute the work or remove and replace with others, the material or articles complained of as the case may be at the risk and expense in all respects of the contractor.

70 POSSESSION PRIOR TO COMPLETION

- 70.1 SAI shall have the right to take possession of or use any completed or partially completed work or part of the work. Such possession or use shall not be deemed to be any acceptance of any work not completed in accordance with the contract agreement.

If such prior possession or use by SAI delays the progress of work an equitable adjustment in the time of completion will be made and the contract agreement shall be deemed to be modified accordingly. The decision of SAI in this case shall be final binding and conclusive.

- 70.2 When the whole of the works or the items or the groups of items of work for which separate periods of completion have been specified have been completed the contractor will give a notice to that effect to the Engineer-In-Charge in writing. The Engineer-In-Charge shall within 7 days of the date of receipt of such notice inspect the works and either the Engineer-In-Charge issues to the contractor a completion certificate stating the date on which in his opinion the works were completed in accordance with the contract or gives instructions in writing to the contractor specifying the balance items of work which are required to be done by the contractor before completion certificate could be issued. The Engineer-In-Charge shall also notify the contractor of any defect in the works affecting completion.
- 70.3 The contractor shall during the course of execution prepare and keep updated a complete set of 'as built' drawings to show each and every change from the contract drawings, changes recorded shall be countersigned by the Engineer-In-Charge and the contractor. Four copies of 'as built' drawings shall be supplied to SAI by the contractor within 30 days of the completion. All costs incurred in this respect shall be borne by the contractor only.

71 COMPENSATION FOR DELAY AND REMEDIES

- 71.1 If the contractor fails to maintain the required progress in terms of relevant clause of

Special Conditions of Contract, to complete the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the SAI on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below or such smaller amount as the Engineer-In-Charge (whose decision in writing shall be final and binding) may decide on the amount of tendered value of the work for every completed day / week (as applicable) that the progress remains below that specified in the relevant clause in Special Conditions of Contract or that the work remains incomplete. This will also apply to items or group of items for which a separate period of completion has been specified.

1. 1% per week

Provided always that the total amount of compensation for delay to be paid under this Condition shall not exceed 10% of the Tendered Value of work or of the Tendered Value of the item or group of items of work for which a separate period of completion is originally given. The amount of compensation may be adjusted or set- off against any sum payable to the Contractor under this or any other contract with SAI.

71.2 CANCELLATION / DETERMINATION OF CONTRACT IN FULL OR PART

Subject to other provisions contained in this clause the Engineer-In-Charge may, without prejudice to his any other rights or remedy against the contractor in respect of any delay, inferior workmanship, any claims for damages and / or any other provisions of this contract or otherwise, and whether the date of completion has or has not elapsed, by notice in writing absolutely determine the contract in any of the following cases:

- i) If the contractor having been given by the Engineer-In-Charge a notice in writing to rectify, reconstruct or replace any defective work or that the work is being performed in an inefficient or otherwise improper or un-workmanlike manner shall omit to comply with the requirement of such notice for a period of seven days thereafter; or
- ii) If the contractor has, without reasonable cause, suspended the progress of the work or has failed to proceed with the work with due diligence so that in the opinion of the Engineer-In-Charge (which shall be final and binding) he will be unable to secure completion of the work by the date for completion and continues to do so after a notice in writing of seven days from the Engineer-In-Charge; or
- iii) If the contractor fails to complete the work within the stipulated date or items of work with individual date of completion, if any stipulated, on or before such date(s) of completion and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer-In-Charge; or
- iv) If the contractor persistently neglects to carry out his obligations under the contract and / or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer-In-Charge; or

- v) If the contractor shall offer or give or agree to give to any person in SAI service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any action in relation to the obtaining or execution of this or any other contract from SAI; or
- vi) If the contractor shall obtain a contract with SAI as a result of wrong tendering or other non-bonafide methods of competitive tendering; or
- vii) If the contractor being an individual, or if a firm, any partner thereof shall at any time be adjudged insolvent or have a receiving order or order for administrative of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors; or
- viii) If the contractor being a company, shall pass a resolution or the Court shall make an order for the winding up of the company, or a receiver or manager on behalf of the debenture holders or otherwise shall be appointed or circumstances shall arise which entitle the Court or debenture holders to appoint a receiver or manager; or
- ix) If the contractor shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days; or
- x) If the contractor assigns, transfers, sublets (engagement of labour on a piece- work basis or of the labour with materials not to be incorporated in the work, shall not be deemed to be subletting) or otherwise parts with or attempts to assign, transfer, sublet or otherwise parts with the entire works or any portion thereof without and prior written approval of the Engineer-In-Charge.
- xi) If the Contractor submit non-genuine and invalid or fraudulent/ forge documents, Bank Guarantee etc. to SAI.
- xii) When the contractor has made himself liable for action under any of the cases aforesaid, the Engineer-In-Charge may without prejudice to any other right or remedy which shall have accrued or shall accrue hereafter to SAI, by a notice in writing, cancel the contract as a whole or only such items of work in default from the Contract.

The Engineer-In-Charge shall on such cancellation by the SAI have powers to:

- a) Take possession of site and any materials, constructional plant, implements, stores, etc. thereon; and/ or
- b) Carry out the incomplete work by any means at the risk and cost of the contractor; and/ or

- c) To determine or rescind the contract as aforesaid (of which termination or rescission notice in writing to the contractor under the hand of the Engineer-In-Charge shall be conclusive evidence). Upon such determination or rescission the full security deposit recoverable under the contract shall be liable to be forfeited and un-used materials, construction plants, implements, temporary buildings, etc. shall be taken over and shall be absolutely at the disposal of the SAI. If any portion of the Security Deposit has not been paid or received it would be called for and forfeited; and/ or
- d) To employ labour paid by the Department and to supply materials to carry out the work or any part of the work debiting the contractor with the cost of the labour and the price of the materials (of the amount of which cost and price certified by the Engineer-In-Charge shall be final and conclusive) against the contractor and crediting him with the value of the 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 terms of his contract. The certificate of the Engineer-In-Charge as to the value of the work done shall be final and conclusive against the contractor provided always that action under the sub-clause shall only be taken after giving notice in writing to the contractor. Provided also that if the expenses incurred by the department are less than the amount payable to the contractor at his agreement rates, the difference shall not be paid to the contractor; and/ or
- e) After giving notice to the contractor to measure up the work of the contractor and to take such whole, or the balance or part thereof as shall be un-executed or delayed with reference to the General Conditions of Contract Clause / relevant clause of Special Conditions of Contract, 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 him (of the amount of which excess the certificate in writing of the Engineer-In-Charge shall be final and conclusive) shall be borne and paid by the original contractor and may be deducted from any money due to him by SAI under his contract or on any other account whatsoever or from his security deposit or the proceeds of sales of unused materials, construction plants, implements temporary buildings etc. thereof or a sufficient part thereof as the case may be. If the expenses incurred by the SAI are less than the amount payable to the contractor at his agreement rates, the difference shall not be paid to the contractor; and/ or
- f) By a notice in writing to withdraw from the contractor any items or items of work as the Engineer-In-Charge may determine in his absolute discretion and get the same executed at the risk and cost of the contractor.

Any excess expenditure incurred or to be incurred by SAI in completing the works or part of the works or the excess loss or damages suffered or may be suffered by SAI as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to SAI in law be recovered from any moneys due to the contractor on any account, and if such moneys are not sufficient the contractor shall be called upon in writing and shall be liable to pay the same within 30 days.

If the contractor shall fail to pay the required sum within the aforesaid period of 30 days, the Engineer-In-Charge shall have the right to sell any or all of the contractor's unused materials, constructional plant, implements, temporary buildings, etc. and apply the proceeds of sale thereof towards the satisfaction of any sums due from the contractor under the contract and if thereafter there be any balance outstanding from the contractor, it shall be recovered in accordance with the provisions of the contract and law.

Any sums in excess of the amounts due to SAI and unsold materials, constructional plant etc. shall be returned to the contractor, provided always that if cost or anticipated cost of completion by SAI of the works or part of the works is less than the amount which the contractor would have been paid had he completed the works or part of the works, such benefit shall not accrue to the contractor.

In the event of anyone or more of the above courses being adopted by the Engineer-In-Charge the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of the contract. And in case action is taken under any of the provision aforesaid the contractor shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the Engineer-In-Charge has 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. Provided further that if any of the recoveries to be made, while taking action as per (d) and/or (e) above, are in excess of the security deposit forfeited, these shall be limited to the amount by which the excess cost incurred by the Department exceeds the security deposit so forfeited.

71.3 CONTRACTOR LIABLE TO PAY COMPENSATION EVEN IF ACTION IS NOT TAKEN

In any case in which any of the powers conferred upon the Engineer-In-Charge by relevant clause thereof, shall have become exercisable and the same are not exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor and the liability of the contractor for compensation shall remain unaffected. In the event of the Engineer- In-Charge putting in force all or any of the powers vested in him under the preceding clause he may, if he so desires after giving a notice in writing to the contractor, take possession of (or at the sole discretion of the Engineer-In-Charge which shall be final and binding on the contractor) use as on hire (the amount of the hire money being also in the final determination of the Engineer-In-Charge) all or any tools, plant, materials and stores, in or upon the works, or the site thereof belonging to the contractor, or procured by the contractor and intended to be used for the execution of the work / or any part thereof, paying or allowing for the same in account at the contract rates, or in the case of these not being applicable, at current market rates to be certified by the Engineer-In-Charge, whose certificate thereof shall be final, and binding on the contractor and/or direct the contractor or his authorized agent to remove such tools, plant, materials, or stores from the

premises (within a time to be specified in such notice) in the event of the contractor failing to comply with any such requisition, the Engineer-In-Charge may remove them at the contractor's expense or sell them by auction or private sale on account of the contractor and his risk in all respects and the certificate of the Engineer-In-Charge as to the expenses of any such removal and the amount of the proceeds and expenses of any such sale shall be final and conclusive against the contractor.

71.4 TIME ESSENCE OF CONTRACT & EXTENSION FOR DELAY

The time allowed for execution of the Works as specified in the terms of contract or the extended time in accordance with these conditions shall be the essence of the contract. The execution of the works shall commence from the 10th Day or such time period as mentioned in Letter of Intent/ Award after the date on which the Engineer-In-Charge issues written orders to commence the work. If the Contractor commits default in commencing the execution of the work as aforesaid, the Executing Agency shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money absolutely.

71.4.1 Within 10 (Ten) days of Letter of Intent, the Contractor shall submit a Time and Progress Chart (CPM/ PERT/ Quantified Bar Chart) along with quarterly milestones and resources plan for man, material & machinery to achieve the milestones and get it approved by the Engineer-In-Charge. The Chart shall be prepared in direct relation to the time stated in the contract documents for completion of items of the works. It shall indicate the forecast (milestones) of the dates of commencement and completion of various items, trades, sections of the work and may be amended as necessary by agreement between the Engineer-In-Charge and the Contractor within the limitations of time stipulated in the contract documents, and further to ensure good progress during the execution of the work.

The compensation for delay as per Clause No. 72 shall be leviable at intermediate stages also, in case the required progress is not achieved to meet the above time deadlines of the completion period and/ or milestones of time and progress chart, provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10% of the tendered value of work".

71.4.2 If the work(s) be delayed by:

- i) Force-majeure, or
- ii) Abnormally bad weather, or
- iii) Serious loss or damage by fire, or
- iv) Civil commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or
- v) Delay on the part of other contractors or tradesmen engaged by Engineer-In-Charge in executing work not forming part of the Contract, or
- vi) Non-availability of stores, which are responsibility of the SAI or,
- vii) Non-availability or break down of tools and plant to be supplied or supplied by

SAI or, any other cause which, in the absolute discretion of the SAI, is beyond the Contractor's control, then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Engineer-In-Charge but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-In-Charge to proceed with the works.

- 71.4.3 Request for extension of time, to be eligible for consideration, shall be made by the contractor in writing within fourteen days of the happening of the event causing delay on the prescribed form.

The Contractor will indicate in such a request the period for which extension is desired. In any such case SAI may give a fair and reasonable extension of time for completion of work. Such extension shall be communicated to the Contractor by the Engineer-In-Charge in writing, within 3 months of the date of receipt of such request.

72 WITHHOLDING AND LIEN IN RESPECT OF SUMS DUE FROM CONTRACTOR

- 72.1 Whenever any claim or claims for payment of a sum of money arises out of or under the contract against the contractor, SAI shall be entitled to withhold and also have a lien to retain such sum or sums in whole or in part from the security, if any, deposited by the contractor and for the purpose aforesaid, SAI shall be entitled to withhold the security deposit, if any, furnished as the case may be and also have a lien over the same pending finalization or adjudication of any such claim. In the event of the security being insufficient to cover the claimed amount or amounts or if no security has been taken from the contractor, SAI shall be entitled to withhold and have a lien to retain to the extent of such claimed amount or amounts referred to above, from any sum or sums found payable or which may at any time thereafter become payable to the contractor under the same contract or any other contract with SAI pending finalization or adjudication of any such claim.
- 72.2 It is an agreed term of the contract that the sum of money or moneys so withheld or retained under the lien referred to above by the Engineer-In-Charge or SAI will be kept withheld or retained as such by the Engineer-In-Charge or SAI till the claim arising out of or under the contract is determined by the competent court and that the contractor will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention under the lien referred to above and duly notified as such to the contractor. For the purpose of this clause, where the contractor is a partnership firm or a limited company, the Engineer-In-Charge or the SAI shall be entitled to withhold and also have a lien to retain towards such claimed amount or amounts in whole or in part from any sum found payable to any partner/limited company, as the case may be whether in his individual capacity or otherwise.

SAI shall have the right to cause an audit and technical examination of the works and the final bills of the contractor including all supporting vouchers, abstract, etc., to be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done

by the contractor under the contract or any work claimed to have been done by him under the contract and found not to have been executed, the contractor shall be liable to refund the amount of over-payment and it shall be lawful for SAI to recover the same from him in the manner prescribed in clauses above or in any other manner legally permissible; and if it is found that the contractor was paid less than what was due to him under the contract in respect of any work executed by him under it, the amount of such under payment shall be duly paid by SAI to the contractor, without any interest thereon whatsoever.

72.3 LIEN IN RESPECT OF CLAIMS IN OTHER CONTRACTS

Any sum of money due and payable to the contractor (including the security deposit returnable to him) under the contract may be withheld or retained by way of lien by the Engineer-In-Charge or by SAI against any claim of the Engineer-In-Charge or SAI in respect of payment of a sum of money arising out of or under any other contract made by the contractor with the Engineer-In-Charge or the SAI. It is an agreed term of the contract that the sum of money so withheld or retained under this clause by the Engineer-In-Charge or the SAI will be kept withheld or retained as such by the Engineer-In-Charge or the SAI or till his claim arising out of the same contract or any other contract is either mutually settled or determined by the arbitration clause or by the competent court, as the case may be, and that the contractor shall have no claim for interest or damages whatsoever on this account or on any other ground in respect of any sum of money withheld or retained under this clause and duly notified as such to the contractor.

73 DEFECTS LIABILITY PERIOD

The contractor shall be responsible for the rectification of defects in the works for a period of **twelve months** from the date of taking over of the works by the Owner/ Client. Any defects discovered and brought to the notice of the contractor forthwith shall be attended to and rectified by him at his own cost and expense. In case the contractor fails to carry out these rectifications, the same may without prejudice to any other right or remedy available, be got rectified by SAI at the cost and expense of the contractor.

74 FORCE MAJEURE

For purposes of this Clause, "Force Majeure" means an event beyond the control of the Successful bidder and not involving the Successful bidder's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts done in sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, pandemics quarantine restrictions, lockdowns and freight embargoes. The Successful Bidder shall not be liable for imposition of any such sanction so long the delay and/or failure of the Successful Bidder in fulfilling its obligations under the contract is the result of an event of Force Majeure.

If a Force Majeure situation arises, the Successful Bidder shall promptly notify SAI, New Delhi in writing of such conditions and the cause thereof within 7 (seven) days of

occurrence of such event. Unless otherwise directed by SAI, New Delhi in writing, the Successful Bidder shall continue to perform its obligations under the contract as far as reasonably practical and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding 60 (sixty) days, SAI may at its option terminate the contract without any financial repercussion on either side.

During the period of the Successful Bidder's inability to perform the obligations under the Agreement as a result of an event of Force Majeure and timely intimation by the Bidder, SAI shall assess the situation and then decide the application of Force Majeure. Once the duration is defined under the Force Majeure category/ situation no payments are expected to be made by the Bidder

In case due to a Force Majeure event SAI, New Delhi is unable to fulfil its contractual commitment and responsibility, SAI, New Delhi will notify the Successful Bidder accordingly.

During the period of their inability to perform the obligations under the Agreement as a result of an event of Force Majeure and timely intimation by the Bidder, SAI shall assess the situation and then decide the application of Force Majeure. Once the duration is defined under the Force Majeure category/ situation no payments are expected to be made by the Bidder.

75 GOVERNING LAWS AND JURISDICTION

This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the Laws of India for the time being in force. The agreement shall be executed at New Delhi on non-judicial stamp paper purchased in New Delhi and the Court (s) at New Delhi alone will have jurisdiction to deal with matters arising there from, to the exclusion of all other courts.

76 DISPUTE RESOLUTION MECHANISM

Any dispute, controversy or claims arising out of or relating to this Agreement or the breach, termination or invalidity thereof, shall be settled through following mechanism:

- a) Firstly, the aggrieved party shall write a letter to the other party detailing its grievances and calling upon the other party to amicably resolve the dispute by convening a joint meeting. Accordingly, the parties as per their convenience shall jointly convene the said meeting(s), wherein minutes of the said meeting(s) shall be prepared and countersigned by all the parties. It is mandatory to prepare minutes of meeting(s) and to be countersigned by all the parties, irrespective of the outcome of the said meeting(s).
- b) In the event the parties are unable to reach on any settlement in the said meeting(s), then the aggrieved party shall mandatory resort to pre-litigation mediation mechanism with Delhi High Court Mediation Cell, New Delhi.
- c) Unilateral appointment of arbitrator is wrong, hence, replace it with the following- "If any difference or disputes arises under this RFP and/or the Agreement, as the case may be,

which cannot otherwise be amicable resolved between the parties through Mediation, then such dispute shall be settled by way of arbitration and either Party shall be entitled to refer the dispute to Arbitration under Arbitration & Conciliation Act, 1996 or any statutory modifications or re-enactment thereof in force. The Arbitration shall be conducted before Arbitral Tribunal comprising of a sole arbitrator to be appointed with the mutual consent of the Parties or appointed by Hon'ble High Court of Delhi while deciding an application under Section 11 of the Act. The arbitration proceedings shall be conducted as per Arbitration and Conciliation Act, 1996, or any statutory modification or re-enactment then in effect".

- d) The venue for arbitration shall be India International Arbitration Center, New Delhi in accordance with the D.O. No. A-60011/50/2023-ADR dated 05.04.2024 and the courts of New Delhi shall be vested with exclusive jurisdiction and the seat/venue of arbitration shall be at New Delhi and the language of arbitration proceedings and that of all documents and communications between the parties shall be English.
- e) The arbitration award shall be final, and the judgment thereupon may be entered in the courts of competent jurisdiction or application may be made to such court for a judicial acceptance of the award and an order of enforcement, as the case may be.
- f) Each party shall bear the cost of preparing and presenting its case and the cost of arbitration, including fees and expenses of the arbitrator shall be shared equally by both the parties unless the award otherwise provides. It is further agreed between the parties hereto that such arbitration proceedings shall be completed within a period of eight (8) calendar months from the date of reference.
- g) The parties shall continue to perform their respective obligations under this contract during the pendency of the Arbitration proceedings except in so far as such obligations are the subject matter of Arbitration proceedings.
- h) SAI shall have the right to bring an action seeking injunctive or other equitable relief before the courts at New Delhi, India if it reasonably believes that damages may not be an adequate remedy for any breach by the Bidder.
- i) It is expressly acknowledged and agreed that the Sports Authority of India (SAI) acts solely as an intermediary between the Sub-Contractor/Sub-Consultant and the Principal Employer/Client. Consequently, SAI shall bear no financial, legal, or contractual liability arising from any dispute, claim, or obligation under this agreement. In the event of any dispute arising under this agreement that is referred to Arbitration, the Principal Employer/Client shall be mandatorily impleaded as a necessary party to such arbitration proceedings, subject to the corresponding arbitration clause in the Contract/Agreement/Work Order/Arrangement between the Principal Employer/Client and SAI.
- j) Liability for Arbitration Costs and Award: Any arbitral award, including but not limited to costs, damages, penalties, or financial liabilities imposed upon SAI, shall be the sole responsibility of the Principal Employer/Client. SAI shall have the right to recover any costs, legal expenses, or liabilities incurred due to arbitration from the Principal Employer/Client. If for any reason the Principal Employer/Client cannot be impleaded, this shall not affect the validity or enforceability of other provisions of the Arbitration Clause, which shall remain binding and fully enforceable.

77 SUSPENSION OF WORKS

- (a) The contractor shall, on receipt of the order in writing of the Engineer-In-Charge, suspend the progress of the works or any part thereof for such time and in such manner as the Engineer-In-Charge may consider necessary for any of the following reasons:
- i) On account of any default on part of the contractor, or
 - ii) For proper execution of the works or part thereof for reason other than the default of the contractor, or
 - iii) For safety of the works or part thereof.

The contractor shall, during such suspension, properly protect and secure the work to the extent necessary and carry out the instructions given in that behalf by the Engineer-In-Charge.

- (b) If the suspension is ordered for reasons (ii) and (iii) in sub-para (a) above.
- i) The contractor shall be entitled to an extension of the time equal to the period of every such suspension plus 25%. No adjustment of contract price will be allowed for reasons of such suspension.
 - ii) In the event of the Contractor treating the suspension as an abandonment of the Contract by SAI, he shall have no claim to payment of any compensation on account of any profit or advantage which he may have derived from the execution of the work in full.

78 CLARIFICATION AFTER TENDER SUBMISSION

Tenderers are strictly prohibited from directly or indirectly contacting SAI, its employees, or representatives by any means regarding any matter related to the bid during the period the bids are under evaluation. Any unauthorized communication or attempt to influence the evaluation process shall result in immediate disqualification of the bidder. If clarifications are required, SAI shall reach out to the bidder in writing or through an officially designated mode of communication. Any response by the bidder must be strictly in accordance with the format and timelines prescribed by SAI. The Tender Scrutiny Committee, duly constituted and authorized by SAI, shall be solely responsible for evaluating bids and processing the award of work, seeking clarifications from bidders, if necessary, in an official capacity, and ensuring transparency and adherence to tender norms. Any attempt by a bidder to influence the decision-making process, either directly or indirectly, may result in immediate rejection of the bid, blacklisting of the bidder from future tenders and forfeiture of Earnest Money Deposit (EMD), if applicable.

79 ADDENDA/ CORRIGENDA

Addenda/Corrigenda to the tender documents may be issued prior to the date of opening of the tender to clarify or effect modification in specification and/or contract terms included in various tender documents. The tenderer shall suitably take into consideration such Addenda/Corrigenda while submitting his tender. The

tenderer shall return such Addenda/ Corrigenda duly signed and stamped as confirmation of its receipt and submit along with the tender document. All addenda/ Corrigenda shall be signed and stamped on each page by the tenderer and shall become part of the tender and contract documents.

80 QUALITY ASSURANCE PROGRAMME

To ensure that the services under the scope of this contract are in accordance with the specifications, the Contractor shall adopt a Quality Assurance Programme to control such activities at the necessary points. The contractor shall prepare and finalise such Quality Assurance Programme within 15 days from the letter of intent. SAI shall also carry out quality audit and quality surveillance of systems and procedures of the Contractor's quality control activities. A Quality Assurance Programme of the Contractor shall generally cover the following:

- a) His organization structure for the management and implementation of the proposed Quality Assurance Program.
- b) Documentation control system.
- c) The procedure for purpose of materials and source inspection.
- d) System for site controls including process controls.
- e) Control of non-conforming items and systems for corrective actions.
- f) Inspection and test procedure for site activities.
- g) System for indication and appraisal of inspection status.
- h) System for maintenance of records.
- i) System for handling, storage and delivery.
- j) A quality plan detailing out quality practices and procedures, relevant standards and acceptance levels for all types of work under the scope of this contract.

The Contractors in the formats appended hereto shall submit all the quality reports. Checklist enclosed here in this document shall be followed while carrying out Construction activities (items). If any item is not covered by the Checklist/ Formats appended hereto, the Format for the same may be developed and submitted to Engineer-In-Charge for approval and the same shall be adopted. These filled in formats shall be prepared in two copies and duly signed by representatives of contractor and SAI. All the costs associate with Printing of Formats and testing of materials required as per technical specifications or by Engineer-In-Charge shall be included in the Contractor's quoted rates in the Schedule/ Bill of quantities.

81 APPROVAL OF TEMPORARY / ENABLING WORKS

The setting and nature of all offices, huts, access road to the work areas and all other temporary works as may be required for the proper execution of the works shall be subject to the approval of the Engineer-In-Charge.

All the equipments, labour, material including cement, reinforcement and the structural steel required for the enabling/ temporary works associated with the entire contract shall have to be arranged by the Contractor only. Nothing extra shall be paid to the Contractor on this account and the percentage/ item rates quoted by the Contractor for various items in the Bill of Quantities shall be deemed to include the cost of enabling works.

82 CONTRACT COORDINATION PROCEDURES, COORDINATION MEETINGS AND PROGRESS REPORTING

The Contractor shall prepare and finalize in consultation with SAI, a detailed contract coordination procedure within 15 days from the date of issue of Letter of Intent for the purpose of execution of the Contract.

The Contractor shall have to attend all the meetings at any place in India at his own cost with SAI, Owners/ Clients or Consultants of SAI/ Owner/ Client during the currency of the Contract, as and when required and fully cooperate with such persons and agencies involved during these discussions. The Contractor shall not deal in any way directly with the Clients/ Owners or Consultants of SAI/ Owner/ Clients and any dealing/ correspondence if required at any time with Clients/ Owners/ Consultants shall be through SAI only.

During the execution of the work, Contractor shall submit at his own cost a detailed Monthly Progress Report to the Engineer-In-Charge of SAI by 5th of every month. The format of monthly progress report shall be as approved by Engineer-In-Charge of SAI.

83 CONTRACT AGREEMENT

The Contractor shall execute and enter into a formal Contract Agreement with the Sports Authority of India (SAI) within twenty (20) days from the date of receipt of the Letter of Intent or within such extended period as may be granted at the sole discretion of SAI. The cost of stamp papers, stamp duty, registration charges, or any other applicable expenses related to the execution of the contract shall be borne exclusively by the Contractor. In the event that the Contractor fails to sign the agreement within the stipulated period or any extended period as granted by SAI, or fails to commence the work within ten (10) days from the date of receipt of the Letter of Intent, SAI shall have the absolute right to forfeit the Earnest Money Deposit (EMD) submitted by the Contractor, and the Letter of Intent shall stand withdrawn without any further notice or liability on the part of SAI.

84 MANNER OF EXECUTION OF AGREEMENT

- i. The contract agreement as per prescribed Proforma as enclosed to the tender documents shall be signed at the office of the SAI within 20 days from the date of receipt of Letter of Intent. The Contractor shall produce for signing of the Contract, appropriate Power of Attorney and the requisite documents/materials. Unless and until a formal contract is prepared and executed, the Letter of Intent read in conjunction with the Bidding Documents will constitute a binding contract.

- ii. The agreement will be signed in two originals and the Contractor shall be provided with one signed original and the other signed original will be retained by the SAI. Contractor has to provide 02 (two) numbers of non-judicial stamp papers of requisite value purchased from New Delhi.
- iii. The cost of agreement between the parties shall be borne by the contractor

85 PURCHASE PREFERENCE TO PUBLIC SECTOR ENTERPRISES

SAI reserves its right to extend Purchase Preference to Central Public Sector Enterprises (CPSE s) as per policy of Government of India, if any, as applicable on this work. The tenderers are requested to go through latest instructions of Government of India on its preference policy for CPSU s before quoting for the tender.

86 CHANGE IN FIRM'S CONSTITUTION TO BE INTIMATED

Where the contractor is a partnership firm, the previous approval in writing of the Engineer-In-Charge shall be obtained before any change is made in the constitution of the firm. Where the contractor is an individual or a Hindu Undivided Family business concern such approval as aforesaid shall likewise be obtained before the contractor enters into any partnership agreement where under the partnership firm would have the right to carry out the works hereby undertaken by the contractor. If previous approval as aforesaid is not obtained, the contract shall be deemed to have been assigned in contravention of Clause 59.1 hereof and SAI shall be entitled to take action under Clause 72.2 (xi).

87 CORRUPT OR FRAUDULENT PRACTICE

SAI mandates that all bidders, successful bidders, and stakeholders involved in the procurement and execution of contracts adhere to the highest standards of ethics. In pursuance of this policy, SAI reserves the right to reject any proposal for award if it determines that the bidder recommended for award has engaged in corrupt, fraudulent, collusive, or coercive practices during the bidding process. Furthermore, SAI may declare a firm ineligible or blacklist it either indefinitely or for a specified period if it is found at any time to have engaged in such malpractices or exhibited gross or deliberate negligence in competing for or executing the contract.

For the purposes of this clause:

- (a) "Corrupt practice" includes the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the actions of any person connected with the selection process. This also includes offering employment or engaging, directly or indirectly, any official of SAI who has been associated with the selection process, the Letter of Award (LoA), or any matters arising therefrom, within one year from the date of resignation, retirement, or cessation of service from SAI. Engaging, during or after the selection process, any person who has served as a legal, financial, or technical advisor to SAI concerning the Request for Proposal (RFP) shall also be deemed as corrupt practice.
- (b) "Fraudulent practice" refers to any misrepresentation, omission, suppression, or incomplete disclosure of facts intended to influence the selection process.

- (c) "Coercive practice" includes harming, threatening to harm, or impairing any person or property, directly or indirectly, to influence any participant's action or decision in the selection process.
- (d) "Undesirable practice" includes establishing contact with any person connected with SAI to canvass, lobby, or influence the selection process, or engaging in activities that lead to a conflict of interest.
- (e) "Restrictive practice" refers to forming cartels, arriving at arrangements, or engaging in any conduct that manipulates or restricts fair competition in the selection process.

SAI reserves the unequivocal right to cancel the contract if it is found to have been obtained through misrepresentation, concealment, or suppression of material facts by the bidder. In such a case, any bid security or performance security submitted by the bidder shall be forfeited, and appropriate legal and administrative action shall be initiated against the defaulting party.

LABOUR SAFETY PROVISION

The contractor shall be fully responsible to observe the labour safety provisions as per prevailing act and amended from time to time.

1. Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is used an extra mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well, suitable footholds and handholds shall be provided on the ladder and the ladder shall be given an inclination not steeper than 1/4 to 1 (1/4 horizontal and 1 vertical).
2. Scaffolding or staging more than 3.6m (12 feet) above the ground or floor, swung or suspended from an overhead support or erected with stationery support shall have a guard rail properly attached or bolted, braced and otherwise secured at least 90 cm. (3 feet) high above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends thereof with only such opening as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.
3. Working platforms, gangways, and stairways should be so constructed that they should not sag unduly or unequally, and if the height of the platform or the gangway or the stairway is more than 3.6m (12 feet) above ground level or floor level, they should be closely boarded, should have adequate width & should be suitable fastened as described in (2.0) above.
4. Every opening in the floor of a building or in a working platform shall be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be 90 cm (3 feet).
5. Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9m. (30 feet) in length while the width between side rails in rung ladder shall in no case be less than 29 cm. for ladder up to and including 3m (10 feet) in length. For longer ladders this width should be increased at least 1/4" for each additional 30 cm (1 ft.) of length. Uniform step spacing shall not exceed 30 cm (12"). Adequate precautions shall be taken to prevent danger from electrical equipment. No materials on any of the sites of the work shall be so stacked or placed as to cause danger or inconvenience to any person or the public. The contractor shall provide all necessary fencing and lights to protect the public from accident, and shall be bound to bear the expenses of defence of every suit, action or other proceeding at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damages and cost which may be awarded in

any such suit, action or proceedings to any such person or which may, with the consent of the Contractor, be paid to compensate any claim by any such person.

6. EXCAVATION AND TRENCHING

All trenches, 1.2 mts. (four feet) or more in depth, shall at all times be supplied with at least one ladder for each 30m. (100 feet) in length or fraction thereof, Ladder shall be extended from bottom of the trench to at least 90 cm (3feet) above the surface of the ground. The side of the trenches, which are 1.5m (5 feet) or more in depth shall be stepped back to give suitable slope or securely held by timber bracing, so as to avoid the danger or sides to collapsing. The excavated materials shall not be placed within 1.5m (5 feet) of the edges of the trench or half of the depth of the trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or undercutting shall be done.

7. DEMOLITION

Before any demolition work is commenced and also during the progress of the work:

- a) All roads and open areas adjacent to the work site shall either be closed or suitably protected.
 - b) No electric cable or apparatus that is likely to be a source of danger or a cable or apparatus used by the operator shall remain electrically charged.
 - c) All practical steps shall be taken to prevent danger to persons employed from risk or fire or explosion or flooding. No floor, roof or other part of the building shall be overloaded with debris or materials as to render it unsafe.
8. All necessary personal safety equipments as considered adequate by the Engineer-In-Charge should be kept available for the use of persons employed on the site and maintained in a condition suitable for immediate use, and the contractor should take adequate step to ensure proper use of equipment by those concerned. The following safety equipment shall be invariably provided.
- 8.1. Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.
 - 8.2. Those engaged in white washing and mixing or stacking of cement bags or any materials that are injurious to the eye shall be provided with protective goggles.
 - 8.3. Those engaged in welding works shall be provided with welders protective eye shields.
 - 8.4. Stone breakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe interval.
 - 8.5. When workers are employed in sewers and manholes, which are in active use, the Contractors shall ensure that the manhole covers are opened and ventilated atleast for an hour before the workers are allowed to get into the manholes, and the

manholes so opened shall be cordoned off with suitable railing and provided with warning signals or boards to prevent accident the public. In addition, the contractor shall ensure that the following safety measures are adhered to:

- a. Entry for workers into the line shall not be allowed except under supervision of JE or any other higher officer.
- b. At least 5 to 6 manholes upstream and downstream should be kept open for at least 2 to 3 hours before any man is allowed to enter into the manholes for working inside.
- c. Before entry, presence of Toxic gases should be tested by inserting wet lead acetate paper, which changes colour in the presence of such gases and gives indication of their presence.
- d. Presence of Oxygen should be verified by lowering a detector lamp into the manhole. In case, no Oxygen is found inside the sewer line, workers should be sent only with Oxygen Kit.
- e. Safety belt with rope should be provided to the workers. While working inside the manholes such rope should be handled by two men standing outside to enable him to be pulled out during emergency.
- f. The area should be barricaded or cordoned off by suitable means to avoid mishaps of any kind. Proper warning signs should be displayed for the safety of the public whenever cleaning works are undertaken during night or day.
- g. No smoking or open flames shall be allowed near the blocked manhole being cleaned.
- h. The malba obtained on account of cleaning of blocked manholes and sewer lines should be immediately removed to avoid accidents on account of slippery nature of the malba.
- i. Workers should not be allowed to work inside the manhole continuously. He should be given rest intermittently. The Engineer-In-Charge may decide the time up to which a worker may be allowed to work continuously inside the manhole.
- j. Gas masks with Oxygen Cylinder should be kept at site for use in emergency.
- k. Air-blowers should be used for flow of fresh air through the manholes. Whenever called for, portable air-blowers are recommended for ventilating the manholes. The Motors for these shall be vapour proof and of totally enclosed type. Non sparking gas engines also could be used but they should be placed at-least 2 meters away from the opening and on the leeward side protected from wind so that they will not be a source of friction on any inflammable gas that might be present.
- l. The workers engaged for cleaning the manholes/ sewers should be properly trained before allowing working in the manhole.

- m. The workers shall be provided with Gumboots or non-sparking shoes, bump helmets and gloves non sparking tools, safety lights and gas masks and portable air blowers (when necessary). They must be supplied with barrier cream for anointing the limbs before working inside the sewer lines.
 - n. Workmen descending a manhole shall try each ladder step or rung carefully before putting his full weight on it to guard against insecure fastening due to corrosion of the rung fixed to manhole well.
 - o. If a man has received a physical injury, he should be brought out of the sewer immediately and adequate medical aid should be provided to him.
 - p. The extent to which these precautions are to be taken depend on individual situation but the decision of the Engineer-In-Charge regarding the steps to be taken in this regard in an individual case will be final.
- 8.6. The Contractor shall not employ men and women below the age of 18 years on the work of painting with products containing lead in any form wherever men above the age of 18 are employed on the work of lead painting the following precautions should be taken.
- 8.6.1. No paint containing lead or lead products shall be used except in the form of paste or readymade paint.
 - 8.6.2. Suitable facemasks should be supplied for use by the workers when paint is applied in the form of spray or a surface having lead paint is dry rubbed and scrapped.
 - 8.6.3. Overalls shall be supplied by the Contractor to the workmen and adequate facilities shall be provided to enable the working painters to wash during the cessation of work.
 - 8.6.4.
 - a. White lead, sulphate or lead work products containing those pigments shall not be used in painting operation except in the form of paste or of paints ready for use.
 - b. Measures shall be taken whenever required in order to prevent danger arising from the application of paint in the form of spray.
 - c. Measures shall be taken, whenever practicable to prevent danger arising out of dust caused by dry rubbing down and scrapping.
 - 8.6.5.
 - a. Adequate facilities shall be provided to enable working painter to wash during and on cessation of work.
 - b. Suitable arrangements shall be made to prevent clothing put off during working hours being spoiled by painting materials.
 - 8.6.6.
 - a. Cases of lead poisoning and of suspected lead poisoning shall be notified and shall

be subsequently verified by a medical man appointed by the competent authorities of the Consultant.

- b. The SAI may require when necessary a medical examination of workers.
 - c. Instructions with regard to the special hygienic precautions to be taken in the painting trade shall be distributed to working painters.
9. When the work is done near any place where there is risk of drowning, all necessary equipments should be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provisions should be made for prompt first aid treatment of all injuries likely to be obtained during the course of the work.
10. Use of hoisting machines and tackle including their attachment encourage and supports shall conform to the following standard of conditions.
- 10.1.
- a. These shall be of good mechanical construction, sound material and adequate strength and free from patent, defects and shall be kept required in good working order.
 - b. Every rope used in hoisting or lowering materials or as a means of suspension shall be of durable quality and adequate strength, and free from patent defects.
- 10.2. Every crane driver or hoisting appliance operator shall be properly qualified and no person under the age of 21 years should be in-charge of any hoisting machine including any Scaffolding, winch or giving signals to operator.
- 10.3. In case of every hoisting machine and of every chain ring hook, shackle swivel and pulley block used in hoisting or as means of suspension the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load. In case of a hoisting machine having a variable safe working load, each safe working load and the conditions under which it is applicable shall be clearly indicated. No part of any machine or any gear referred to above in this paragraph shall be loaded beyond the safe working load except for the purpose of testing.
- 10.4. In case of SAI machines, the safe working load shall be notified by the Engineer- In-Charge. As regards Contractor's machines the Contractor shall notify the safe working load of the machine to the Engineer-In-Charge whenever he brings any machinery to site of work and get verified by the Engineer-In-Charge.
11. Motors gearing, transmission electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguard, hosting appliances should be provided with such means as will reduce to the minimum the risk of accidental descent of the load. Adequate precautions should be taken to reduce the minimum the risk of any part of a suspended load becoming accidentally displaced. When workers are employed on electrical installations, which are already energized,

insulating mats, wearing apparel, such as gloves sleeves and boots as may be necessary be provided. The worker should not wear any rings, watches and carry keys or other materials, which are good conductors of electricity.

12. All scaffolding, ladders, and other safety devices mentioned or described herein shall be maintained in safe condition and no scaffold ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities should be provided at or near places of work.
13. These safety provisions should be brought to the notice of all concerned by display on a notice board at a prominent place of work spot. The person responsible for compliance of the safety codes shall be named therein by the contractor.
14. To ensure effective enforcement of the rules and regulations relating to safety precautions the arrangements made by the Contractor shall be open to inspection by the or their representatives.
15. Notwithstanding the above Clauses from (i) to (xiv) there is nothing in these to exempt the contractor from the operations of any other Act or Rule in force in the Republic of India.

MODEL RULES FOR THE PROTECTION OF HEALTH AND SANITARY ARRANGEMENTS FOR WORKERS

1.0 APPLICATION

These rules shall apply to all building and construction works in which 20 (twenty) or more workers are ordinarily employed or are proposed to be employed in any day during the period during which the contractor work is in progress.

2.0 DEFINITION

Work place means a place where twenty or more workers are ordinarily employed or are proposed to be employed in connection with construction work on any day during the period during which the contractor work is in progress.

3.0 FIRST-AID FACILITIES

- 3.1 At every work place first aid facilities shall be provided and maintained, so as to be easily accessible during working hours, First-Aid boxes at the rate of not less than one box per 150 contract labour or part thereof ordinarily employed.
- 3.2 The First-Aid boxes shall be distinctly marked with a red cross on white ground and shall contain the following equipments:
 - 3.2.1 For work places in which number of contract labour employed does not exceed 50, each First-Aid box shall contain the following equipments:
 - i) 6 small sterilized dressings.
 - ii) 3 medium size sterilized dressings.
 - iii) Large size sterilized dressings.

- iv) 3 large sterilized burn dressings.
 - v) 1 (30 ml) bottle containing a two percent alcoholic solution of iodine.
 - vi) 1 (30 ml) bottle containing Sal volatile having the dose and mode of administration indicated on the label.
 - vii) 1 snakebite lancet.
 - viii) (30 gms) bottle of potassium permanganate crystals.
 - ix) 1 pair of scissors.
 - x) 1 copy of the First-Aid leaf-let issued by the Director General, Factory Advice Service & Labour Institutes, Government of India.
 - xi) 1 bottle containing 100 tablets (each of 5 grams) of aspirin.
 - xii) Ointment for burns.
 - xiii) A bottle of suitable surgical antiseptic solution.
- 3.2.2 For work places in which the number of contract labour exceed 50. Each First-Aid box shall contain the following equipments:
- i) 12 small sterilized dressings.
 - ii) 6 medium size sterilized dressings.
 - iii) 6 large size sterilized dressings.
 - iv) 6 large size sterilized burn dressings.
 - v) 6 (15 gms) packet sterilized cotton wool.
 - vi) 1 (60 ml.) bottle containing a two percent iodine alcoholic solution.
 - vii) 1 (60 ml.) bottle containing salvolatile having the dose and mode of administration indicated on the label.
 - viii) 1 rolls of adhesive plaster.
 - ix) 1 snake – bite lancet.
 - x) 1 (30 gms.) bottle of potassium permanganate crystals.
 - xi) 1 pair of scissors.
 - xii) 1 copy of the First-Aid leaf-let issued by the Director General, Factory Advice Service and Labour Institutes, Government of India.
 - xiii) A bottle containing 100 tablets (each of 5 grams) of aspirin.
 - xiv) Ointment for burns.
 - xv) A bottle of suitable surgical antiseptic solution.
- 3.3 Adequate arrangements shall be made for immediate recoupment of the equipment when necessary.
- 3.4 Nothing except the prescribed contents shall be kept in the First Aid box.
- 3.5 The First Aid box shall be kept in charge of a responsible person who shall always be readily available during the working hours of the work place.
- 3.6 A person in charge of the First-Aid box shall be a person trained in First-Aid treatment, in work places where the number of labour employed is 150 or more.
- 3.7 In work places where the number of labour employed is 500 or more and hospital facilities are not available within easy distance of the works, first-Aid Posts shall be established and run by a trained Compounder. The Compounder shall be on duty and shall be available at all hours when the workers are at work.

- 3.8 Where work places are situated in places, which are not towns or cities, a suitable motor transport shall be kept readily available to carry injured person or persons suddenly taken ill to the nearest hospital.

4.0 DRINKING WATER

- 4.1 In every work place, there shall be provided and maintained at suitable places, easily accessible to labour, a sufficient supply of cold water fit for drinking.
- 4.2 Where drinking water is obtained from an intermittent public water supply, each work place shall be provided with storage where such drinking water shall be stored.
- 4.3 Every water supply of storage shall be at a distance of not less than 50 feet from any latrines drain or other source of pollution, Where water has to be drawn from an existing well which is within such proximity of latrine, drain or any other source of pollution, the well shall be properly chlorinated before water is drawn from it for drinking. All such wells shall be entirely closed in and be provided with a trap-door which shall be dust and water-proof.
- 4.4 A reliable pump shall be fitted to each covered well, trap-door shall be kept locked and opened only for cleaning or inspection which shall be done at least once a month.

5.0 WASHING FACILITIES

- 5.1 In every work place adequate and suitable facilities for washing shall be provided and maintained for the use of labour employed herein.
- 5.2 Separate and adequate screening facilities shall be provided for the use of male and female workers.
- 5.3 Such facilities shall be conveniently accessible & shall be kept clean and hygienic condition.

6.0 LATRINES AND URINALS

- 6.1 Latrines shall be provided in every work place on the following scale, namely:
- a) Where females are employed there shall be at least one latrine for every 25 females.
 - b) Where males are employed, there shall be at least one latrine for every 25 males.

Provided that where the number of males or females exceeds 100, it shall be sufficient if there is one latrine for 25 males or females, as the case may be, up to the first 100, and one for every 50 thereafter.

- 6.2 Every latrine shall be under cover and so partitioned off as to secure privacy, and shall have a proper door and fastenings.
- 6.3 Construction of Latrines: The inside walls shall be constructed of masonry or some suitable heat resisting non-absorbent materials and shall be cement washed inside and outside at least once a year. Latrine shall not be a standard lower than borehole system.
- 6.4
- (a) Where workers of both sexes are employed, there shall be displayed outside each

block of latrine and urinal, a notice in the language understood by the majority of the workers "For Men only" or "For Women only" as the case may be.

(b) The notice shall also bear the figure of man or of women, as the case may be.

6.5 There shall be at least one urinal for male workers up to 50 and one for female workers up to 50 employed at a time. Provided that where the number of male or female workmen, as the case may be, exceeds 500, it shall be sufficient if there is one urinal for every 50 males or females up to the first 500 and one for every 100 or part thereof, thereafter.

6.6

a) The latrines and urinals shall be adequately lighted and shall be maintained in a clean and sanitary condition at all times.

b) Latrines and urinals other than those connected with a flush sewerage system shall comply with the requirements of the Public Health Authorities.

6.7 Water shall be provided by means of a tap or otherwise so as to be conveniently accessible in or near the latrines and urinals.

6.8 Disposal of Excreta

Unless otherwise arranged for by the local sanitary authority arrangements for proper disposal of excreta by incineration at the work place shall be made by means of a suitable incinerator. Alternatively excreta may be disposed off by putting a layer of night soil at the bottom of a pucca tank prepared for the purpose and covering it with a 15 cm layer of waste or refuse and then covering it with a layer of earth for fortnight (when it will turn into manure).

6.9 The Contractor shall, at his own expense, carry out all instruction issued to him by the Engineer-In-Charge to effect proper disposal of night soil and other conservancy work in respect of the Contractor's workmen or employees on the site. The Contractor shall be responsible for payment of any charges, which may be levied by Municipal or Cantonment Authority for execution of such work on his behalf.

7.0 PROVISION OF SHELTER DURING REST

At every place there shall be provided, free of cost four suitable sheds, two for males and the other two for rest separately for the use of man and women labour. The height of each shelter shall not be less than 3 meters from the floor level to the lowest part of the roof. These shall be kept clean and the space provided shall be on the basis of 0.6 sqm. per head, provided that the Engineer-In-Charge may permit, subject to his satisfaction, a portion of the building under construction or other alternative accommodation to be used for the purpose.

8.0 CRECHES

8.1 At every work place, at which 20 or more women workers are ordinarily employed, there shall be provided two rooms of reasonable dimensions for the use of their children under the age of six years. One room shall be used as a playroom for the children and the other as their bedrooms.

The rooms shall be constructed on standard not lower than the following:

- i) Thatched roof
 - ii) Mud floor and walls
 - iii) Planks spread over the mud floor and covered with matting
- 8.2 The rooms shall be provided with suitable and sufficient openings for light and ventilation. There shall be adequate provision of sweepers to keep the places clean.
- 8.3 The Contractor shall supply adequate number of toys and games in the playroom and sufficient number of cots and beddings in the bedroom.
- 8.4 The Contractor shall provide one Ayah to look after the children in the crèche when the number of women workers does not exceed 50 and two when the number of women workers exceeds 50.
- 8.5 The use of the rooms/earmarked as crèche shall be restricted to children, their attendant and mother of the children.

9.0 CANTEENS

- 9.1 In every work place where the work regarding the employment of contract labour is likely to continue for six months and wherein contract labour numbering one hundred or more are ordinarily employed, an adequate canteen shall be provided by the Contractor for the use of such labour.
- 9.2 The canteen shall be maintained by the Contractor in an efficient manner.
- 9.3 The canteen shall consist of at least a dining hall, kitchen, storeroom, pantry and washing places separately for workers and utensils.
- 9.4 The canteen shall be sufficiently lighted at all times when any person has access to it.
- 9.5 The floor shall be made of smooth and impervious material and inside walls shall be lime washed or colour washed at least once in each year provided that the inside walls of the kitchen shall be lime-washed every four months.
- 9.6 The premises of the canteen shall be maintained in a clean and sanitary condition.
- 9.7 Waste Water shall be carried away in suitable covered drains and shall not be allowed to accumulate so as to cause a nuisance.
- 9.8 Suitable arrangements shall be made for the collection and disposal of garbage.
- 9.9 The dining hall shall accommodate at a time 30 persons of the labour working at time.
- 9.10 The floor area of the dining hall, excluding the area occupied by the service counter and any furniture except tables and chair shall not be less than one square meter per dinner to be accommodated.
- 9.11
- a) A portion of the dining hall and service counter shall be partitioned off and reserved for women workers in proportion to their number.

- b) Washing places for women shall be separate and screened to secure privacy.
- 9.12 Sufficient tables, stool, chairs or benches shall be available for the number of dinners to be accommodated.
- 9.13
- a) There shall be provided and maintained sufficient utensils, crockery, furniture and any other equipment necessary for the efficient running of the canteen.
 - b) The furniture, utensils and other equipment shall be maintained in a clean and hygienic condition.
- 9.14
- a) Suitable clean clothes for the employees serving in the canteen shall be provided and maintained.
 - b) A service counter, if provided, shall have top of smooth and impervious material.
 - c) Suitable facilities including an adequate supply of hot water shall be provided for the cleaning of utensils and equipment.
- 9.15 The foodstuffs and other items to be served in the canteen shall be in conformity with the normal habits of the labour.
- 9.16 The charge for foodstuffs, beverages and any other items served in the canteen shall be based on 'No profit No loss' and shall be conspicuously displayed in the canteen.
- 9.17 In arriving at price of foodstuffs, and other articles served in the canteen, the following items shall not be taken into consideration as expenditure, namely:
- a) The rent of land building.
 - b) The depreciation and maintenance charges for the building and equipment provided for the canteen.
 - c) The cost of purchase, repair and replacement of equipment including furniture, crockery, cutlery and utensils:
 - d) The water charges and other charges incurred for lighting and ventilation:
 - e) The interest and amounts spent on the provision and maintenance and equipment provided for in the canteen.
- 9.18 The accounts pertaining to the canteen shall be audited once in every 12 months by registered accountants and auditors.

10.0 ANTI MALARIAL PRECAUTIONS

The Contractor shall at his own expense, conform to all anti-malarial instructions given to him by the Engineer-In-Charge including the filling up of any borrow pits which may have been dug by him.

11.0 AMENDMENTS

SAI reserves the absolute right to amend, modify, or supplement these rules from time to time and to issue such directions as it may deem necessary for the effective implementation and administration of the provisions herein. Any such amendments or directions shall be binding on all parties concerned and shall be aimed at resolving any difficulties or ambiguities that may arise in the interpretation or execution of these rules, without prejudice to the rights and obligations already established under the contract

CONTRACTOR'S LABOUR REGULATIONS

1.0 SHORT TITLE

These regulations may be called the Contractor "Labour Regulations".

2.0 DEFINITIONS

- 2.1 "Workman" means any person employed by the SAI or its Contractor directly or indirectly through a sub-contractor, with or without the knowledge, of the SAI to do any skilled, semi-skilled, un-skilled, manual, supervisory, technical or clerical work for hire or reward, whether, the terms of employment are expressed or implied but does not include any person-
- a) Who is employed mainly in a managerial or administrative capacity; or
 - b) Who being employed in a supervisory capacity draws wages exceeding Rupees Two thousand Five hundred per person or exercises either by the nature of the duties attached to the office or by reason of powers vested to him, functions mainly of managerial nature.
 - c) Who is an outworker, that is to say, a person to whom any articles or materials are given out by or on behalf of the principal employer to be made up cleaned, washed, altered, ornamental finished, repaired, adopted or otherwise processed for sale for the purpose of the trade or business of the principal employer and the process is to be carried out either in the home of the out worker or in some other premises, not being premises under the control and management of the principal employer.
- 2.2 "Fair Wages" means wages whether for time or piecework fixed and notified under the provisions of the minimum Wages Act from time to time.
- 2.3 "Contractor" shall include every person who undertake to produce a given result other than a mere supply of goods or articles of manufacture through labour or who supplies labour for any work and includes a sub-contractor.
- 2.4 "Wages" shall have the same meaning as defined in the Payment of Wages Act.
- 2.4.1 Normally working hours of an adult employee should not exceed 9 hours a day. The working day shall be so arranged that inclusive of interval for rest, if any, it shall not spread over more than 12 hours on any day.
 - 2.4.2 When an adult worker is made to work for more than 9 hours on any day or for more than 48 hours in any week he shall be paid overtime for the extra hours put in by him at double the ordinary rate of wages.
 - 2.4.3 Every worker shall be given a weekly holiday on a Sunday, in accordance with the provisions of the Minimum Wages (Central) Rules 1960 as amended from time to time, irrespective of whether such worker is governed by the Minimum Wages Act or not.

- 2.4.4 Whether the Minimum Wages prescribed by the Government under the Minimum Wage Act are not inclusive of the wages for the weekly day of rest, the worker shall be entitled to rest day wages at the rate applicable to the next preceding day, provided he has worked under the same contractor for a continuous period of not less than 6 days.
- 2.4.5 Here a contractor is permitted by the Engineer-In-Charge to allow a worker to work on a normal weekly holiday, he shall grant a substitute holiday to him for the whole day on one of the five days immediately before or after the normal weekly holidays and pay wages to such worker for the work performed on the normal weekly holiday at overtime rate.

3.0 DISPLAY OF NOTICE REGARDING-WAGES, ETC.

The contractor shall before he commences his work on contract, display and correctly maintain and continue to display and correctly maintain in a clean and legible condition in conspicuous places on the work, notices in English and in the local Indian languages spoken by the majority of the workers, giving the minimum rates of wages fixed under the Minimum Wages Act, the actual wages being paid, the hours of work for which such wages are earned, wage period, dates of payment of wages and other relevant information as per Appendix 'A'.

4.0 PAYMENT OF WAGES

- 4.1 The contractor shall fix wage periods in respect of which wages shall be payable.
- 4.2 No wage period shall exceed one month.
- 4.3 The wages of every person employed as labour in an establishment or by a contractor where less than one thousand, such persons are employed shall be paid before the expiry of the seventh day and in other cases before the expiry of tenth day after the last day of the wage period in respect of which the wages are payable.
- 4.4 Where the employment of any worker is terminated by or on behalf of the contractor the wages earned by him shall be paid before the expiry of the second working day from the date on which his employment is terminated.
- 4.5 All payments of wages shall be made on a working day at the work premises and during the working time and on a date notified in advance and in case the work is completed before the expiry of the wage period, final payment shall be made within 48 hours of the last working day.
- 4.6 Wages due to every worker shall be paid to him direct or to other person authorized by him in this behalf.
- 4.7 All wages shall be paid in current coin or currency or in both.
- 4.8 Wages shall be paid without any deductions of any kind except those specified by the Central Government by general or special order in this behalf or permissible under the Payment of Wages Act 1956.

- 4.9 A notice showing the wage period and the place and time of disbursement of wages shall be displayed at the place of work and a copy sent by the contractor to the Engineer-In-Charge under acknowledgment.
- 4.10 It shall be the duty of the contractor to ensure the disbursement of wages in the presence of the Engineer or any other authorized representatives of the Engineer-In-Charge who will be required to be present at the place and time of disbursement of wages by the contractor to workmen.
- 4.11 The contractor shall obtain from the Engineer or any other authorized representative of the Engineer-In-Charge as the case may be, a certificate under his signature at the end of the entries in the "Register of Wages" or the "Wage-cum-Muster Roll" as the case may be in the following form:

"Certified that the amount shown in column No..... has been paid to the workmen concerned in my presence on at....."

5.0 FINES AND DEDUCTIONS, WHICH MAY BE MADE FROM WAGES

- 5.1 The wages of a worker shall be paid to him without any deduction of any kind except the following–
- a) Fines
 - b) Deductions for absence from duty i.e. from the place or the places where by the terms of his employment he is required to work. The amount of deduction shall be in proportion to the period for which he was absent.
 - c) Deduction for damage to or loss of goods expressly entrusted to the employed persons for custody, or from loss of money or any other deduction which he is required to account where such damage or loss is directly attributable to his neglect or default.
 - d) Deduction for recovery of advances or for adjustment of over payment of wages, advances granted shall be entered in a register.
 - e) Any other deduction, which the Central Government may from time to time allow.

- 5.2 No fines should be imposed on any workers in respect of such acts and omissions on his part as have been approved by the Chief Labour Commissioner.

NOTE: An approved list of Acts and Omissions for which fines can be imposed is enclosed at Appendix-I.

- 5.3 No fine shall be imposed on a worker and no deduction for damage or loss shall be made from his wages until the worker has been given an opportunity of showing cause against such fines or deductions.
- 5.4 The total amount of fine, which may be imposed in any one-wage period on a worker, shall not exceed an amount equal to three paise in Rupees of the total wages, payable to him in respect of that wage period.

- 5.5 No fine imposed on any worker shall be recovered from him in installment, or after the expiry of sixty days from the date on which it was imposed.
- 5.6 Every fine shall be deemed to have been imposed on the day of the act or omission in respect of which it was imposed.

6.0 LABOUR RECORDS

- 6.1 The contractor shall maintain a "Register of persons employed" on work on contract in Form XIII of the CL (R&A) Central Rules 1971 (Appendix-B).
- 6.2 The contractor shall maintain a "Muster Roll" register in respect of all workmen employed by him on the work under contract in form XVI of the CL (R&A) Rules 1971 (Appendix-C).
- 6.3 The contractor shall maintain a "Wage Register" in respect of all workmen employed by him on the work in form (Appendix-D).
- 6.4 Register of accidents – The contractor shall maintain a register of accidents in such form as may be convenient at the work place but the same shall include the following particulars:
- a) Full particulars of the labourers who met with accident
 - b) Rate of wages
 - c) Sex
 - d) Age
 - e) Nature of accident and cause of accident
 - f) Time and date of accident
 - g) Date and time when he/she admitted in Hospital
 - h) Date of discharge from the Hospital
 - i) Period of treatment and result of treatment
 - j) Percentage of loss of earning capacity and disability as assessed by Medical Officer
 - k) Claim required to be paid under Workmen's Compensation Act
 - l) Date of payment of compensation
 - m) Amount paid with details of the person to whom the same was paid
 - n) Authority by whom the compensation was assessed
 - o) Remarks
- 6.5 Register of Fines – The contractor shall maintain a "Register of Fines" in the form (Appendix-H).
- 6.6 The contractor shall display in a good condition and in a conspicuous place of work the approved list of Acts and Omission for which fines can be imposed (Appendix-I).
- 6.7 Register of Deductions – The contractor shall maintain a "Register of Deductions" for damage or loss in form (Appendix-J).
- 6.8 Register of Advances – The contractor shall maintain a "Register of Advances" in form (Appendix-K).

- 6.9 Register of Overtime – The contractor shall maintain a “Register of Overtime” in form (Appendix-L).

7.0 ATTENDANCE CARD-CUM WAGE SLIP

- 7.1 The contractor shall issue an attendance card-cum-wage slip to each workman employed by him in the specimen form at (Appendix-E).
- 7.2 The card shall be valid for each wage period.
- 7.3 The contractor shall mark the attendance of each workman on the card twice each day, once at the commencement of the day and again after the rest interval, before he actually starts work.
- 7.4 The card shall remain in possession of the worker during the wage period under reference.
- 7.5 The contractor shall complete the wage slip portion on the reverse of the card at least a day prior to the disbursement of wages in respect of the wage period under reference.
- 7.6 The contractor shall obtain the signature or thump impression of the worker on the wage slip at the time of disbursement of wages and retain the card with himself.

8.0 EMPLOYMENT CARD

The contractor shall issue an Employment Card in form to each worker within three days of the employment of the worker (Appendix-F).

9.0 SERVICE CERTIFICATE

On termination of employment for any reason whatsoever the contractor shall issue to the workman whose services have been terminated, a service certificate in form Appendix-G.

10.0 PRESERVATION OF LABOUR RECORDS

All records required to be maintained under Regulations Nos. 6 and 7 shall be preserved in original for a period of three years from the date of last entries made in them and shall be made available for inspection by the Engineer-In-Charge, Labour Officer.

11.0 POWER OF LABOUR OFFICERS TO MAKE INVESTIGATIONS INQUIRY

The Labour Officer or any other person authorized by SAI on its behalf shall have power to make inquiries with a view to ascertaining and enforcing due and proper observance of the Fair Wage Clauses and the Provisions of Regulations. He shall investigate into any complaint regarding the default made by the contractor or sub-contractor in regard to such provision.

12.0 Inspection of Book and Slips

The contractor shall allow inspection of all the prescribed labour records to any of his workers or to his agent at a convenient time and place after due notice is received or to the Labour officer or any other person, authorized by the Central Government on his behalf.

13.0 Submission of Returns

The contractor shall submit periodical returns as may be specified from time to time.

14.0 Amendments

The SAI may from time to time, add or amend the regulations and on any question as to the application, interpretation or effect of these regulations the decision of the Zonal Manager concerned shall be final.

15.0 Contractor has to follow all the rules & regulations as per Labour Act and maintain all the records in the proper formats by obtaining from concerned labour department/office which are to be produced before the Owner / SAI / labour officers for inspection as & when asked.

CHAPTER – 3 SPECIAL CONDITIONS OF CONTRACT (SCC)

GENERAL

The following special conditions shall be read in conjunction with General Conditions of Contract, if there are any provisions in these Special Conditions, which are at variance with the provisions of General Conditions of Contract, the provisions in these Special Conditions shall prevail.

- (1) The work in general shall be carried out as per CPWD/MORTH/WA specification updated with correction slips issued up to last date of submission of tender.
- (2) For items not covered under CPWD/MORTH/WA Specification, as above, the work shall be done as per latest relevant ISI /BIS Codes of practice.

1.0 INTRODUCTION

LOCATION/ APPROACH TO SITE

The proposed site is in **JLN Stadium** in the state/Union Territory of New Delhi.

2.0 LETTER OF UNDERTAKING

The tender shall be accompanied by Letter of Acceptance of tender conditions as per proforma given in this tender document.

- 3.0** Any tender not accompanied by Letter of Acceptance in accordance with aforesaid provision of Notice Inviting Tender and Instructions to Tenderer shall be rejected.

- 4.0** Once the Tenderer has given an unconditional acceptance to the tender conditions in its entirety, he is not permitted to put any remark(s)/ conditions(s) (except unconditional rebate on price, if any) in/along with the tender.

5.0 SITE VISIT AND COLLECTING LOCAL INFORMATION

Before tendering, the tenderer is advised to visit the site, its surrounding, access and satisfy themselves about the local conditions such as approach roads to the site, availability of water & power supply, application of taxes, duties and levies as applicable, nature of ground, soil and sub-soil condition, underground water table level, accommodations they may require, river regime, river water levels, other details of river, streams & any other relevant information required by them to execute complete scope of work. The tenderer may obtain all necessary information as to risks, contingencies & other circumstances (insurgencies etc.) which may influence or affect their tender. Tenderer shall be deemed to have considered site conditions whether he has inspected it or not and to have satisfied himself in all respect before quoting his rates and no claim or extra charges whatsoever in this regard shall be entertained / payable by the SAI at a later date.

6.0 GST & TURNOVER TAX ETC.

As per GCC conditions

7.0 TRANSFER OF BID DOCUMENTS

Transfer of bid documents purchased by one intending bidder to another is not permissible.

- 8.0** The SAI reserves the right to award the work to a single party or to split the work amongst two or more parties as deemed necessary without assigning any reason whatsoever.

9.0 NO ESCALATION PAYMENT / PRICE VARIATION ADJUSTMENT

The rates quoted by the contractor shall be firm and fixed for entire contract period as well as extended period for completion of works. All rates as per Scope of Work/ Bill of Quantities (BOQ) shall be firm & fixed for entire contract period as well as for extended period for completion of the project. No claim on account of any price variation / escalation on whatsoever ground shall be entertained at any stage of works.

10.0 FALL CLAUSE

The Contractor undertakes that it has not offered, and shall not offer, similar services to any other organization, government agency, or private entity at rates lower than those quoted in its bid to the Sports Authority of India (SAI) for the same scope of work. If at any time during the period of contract, the Contractor offers or provides similar services at lower rates to any other entity, SAI shall have the right to seek an immediate reduction in the contract price to match such lower rates from the date such lower rates were offered. Further, in the event of any such reduction, SAI shall also have the right to recover the excess amount paid from the Contractor, along with an interest of 12% per annum, calculated from the date of such payment until the date of recovery. The Contractor shall notify SAI in writing of any such instances of lower pricing within seven (7) days of offering the same. Failure to comply with this clause shall constitute a material breach of contract, entitling SAI to terminate the contract at its sole discretion and take necessary legal and administrative action, including blacklisting the Consultant from participating in future tenders. The Contractor shall also indemnify and keep indemnified SAI against any financial loss, damages, or liabilities arising from its failure to adhere to the provisions of this Fall Clause. The decision of SAI in this regard shall be final and binding.

- 11.0** The rates and prices to be tendered in the bill of quantities/ scope of work are for completed and finished items of works and complete in all respects. It will be deemed to include all constructional plant, labour, supervision, materials, transport, all temporary works, erection, maintenance, contractor's profit and establishment / overheads, together with preparation of designs drawings pertaining to casting yard (if required). Staging from work, stacking yard, etc., all general risk, taxes, GST, royalty, duties, cess, octroi and other levies, insurance liabilities and obligations set out or implied in the tender documents and contract.

- 12.0** The materials products used on the works shall be one of the approved makes/brands out of list of manufacturers / brands /makes given in the tender documents. The contractor shall submit samples /specimens out of approved makes of materials / products to the Engineer-In-Charge for prior approval. In exceptional circumstances Engineer-In-Charge may allow alternate equivalent makes / brands of products / materials at his sole discretion. The final choice of brand / make shall remain with the Engineer-In-Charge, whose decision in the matter shall be final and binding and nothing extra on this account shall be payable to the contractor.

Incase single brand / make are mentioned, other equivalent makes brands may be considered by the Engineer-In-Charge with prior approval. Incase of variance in CPWD's specification from approved products makes specification, the specification of approved products make shall prevail for which nothing shall be paid extra to the contractor.

- 13.0** Within 10 (Ten) days of issuance of Letter of Intent, the Contractor shall submit a Time and Progress Chart (CPM/ PERT/ Quantified Bar Chart) along with monthly milestones and resources plan for man, material & machinery to achieve the milestones and get it approved by the Engineer-In-Charge. The chart shall be prepared in direct relation to the time stated in the contract documents for completion of item of the works. It shall indicate the forecast (milestones) of the dates of commencement and completion of various items, trades, sections of the work and may be amended as necessary by agreement between the Engineer-In-Charge and the Contractor within the limitations of time stipulated in the Contract documents, and further to ensure good progress during the execution of the work.

14.0 AMENITIES TO BE PROVIDED BY CONTRACTOR TO SAI

On account of furnished Unit Office equipped with all facilities such as telephone, fax, internet, photocopier, computer/ laptop & printer along with operator, regular electric & purified drinking water supply etc. as per the requirement of the project an amount equal to 1.00 % of gross bill from all running account & final bill will be recovered.

- 15.0** The contractor if required shall demolish old structures on the proposed site properly. The useful material shall be the property of the Owner/ SAI and these materials shall be stacked in workmanship like at the place specified by the Engineer-In- Charge.

- 16.0** The contractor shall provide safety equipment and gadgets to all their workers, supervisors and technical staff engaged in the execution of the work while working. The equipment and gadgets shall also be provided to SAI by the contractor at his own cost for use of SAI officials and /or workforce.

The cost of the above equipments /gadgets shall be included in the rates quoted by the contractor for the items & works as per Bill of Quantities and contractor shall not be entitled for any extra cost in this regard. The above norm is to be strictly complied with at site. In case the contractor is found to be deficient in providing safety equipment/ gadgets in opinion of Engineer-In-Charge, the Engineer-In-Charge at his option can procure the same at the risk & cost of contractor and provide the same for the use at work site and shall make the recoveries from the bills of the contractor for the same. The decision of the Engineer-In-Charge shall be final and binding on contractor in this regard.

- 17.0** The tenderer shall quote his rates inclusive of all taxes, GST, turnover tax/ sales tax on works and Labour Cess payable to Central/ State Government along with other taxes, duties, levies etc. in conjunction with other terms and conditions.

- 18.0** If required, the contractor has to do site clearance, enabling work, barricading, shifting / realignment of existing utility services etc at his own cost and the contractor shall not be entitled for any extra payment whatsoever in this regard.

- 19.0** In case of any sort of anomalies and/or typing error in the nomenclature, rates &

description etc. of the items indicated in the Price Bid / BOQ of scheduled items must be read as per respective schedule such as DSR-latest.

- 20.0** Contractor has to submit a Construction Programme within 10 days of issue of LOA/LOI. Contractor has to make provision for double shift, to complete the work in the stipulated time with lighting arrangement for night shift.
- 21.0** Unless otherwise provided in the schedule of quantity, rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads, & depths of the building and nothing extra shall be paid to him on this account.
- 22.0** All drawings shall at all times be properly correlated before executing any work. However, in case of any discrepancy in the item given in the scope of work/ schedule of the quantities appended with the tender and architectural drawings relating to relevant item, the former shall prevail unless and otherwise given in writing by the Engineer-In-Charge.
- 23.0** The contractor shall be required to produce samples of all building materials and fittings sufficiently in advance to obtain approval of the Engineer-In-Charge.
- 24.0** The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges which he may be liable.
- 25.0** The rate of all items in which use of cement is involved inclusive of all charges for curing.

26.0 MODE OF PAYMENT

Payment will be done according to the following stages after satisfaction and approval of the Engineer- in – Charge/ Official appointed by DG SAI with respect to completion of following Stages of construction.

Sl. No.	Stage of Construction	Amount Payable
Col. 1	Col. 2	Col. 3
1.	Submission of Conceptual Drawings along with the approved GFC Drawings of related services along with approved TDS and samples of all items as per the make list.	5% of quoted price
2.	Completion of all foundation work and casting of grade slab on details to the satisfaction and approval of the engineer in charge	5% of quoted price
3.	Completion of all AAC block work and walls up to the required height level and completion of all partition walls up to the required height .	10% of quoted price
4.	Installation of steel columns and framework and truss system for the roof	10% of quoted price

5.	Laying and installation of metal decking roof along with reinforcement and completing the casting of the same as per approval of the site engineer	5% of quoted price
6.	Completion of structural glazing in front facade	10% of quoted price
7.	Installation of all piping systems in the toilets and washrooms checking of the connection	25% of quoted price
8.	Installation of all cladding systems and false ceiling in the gym premises	
9.	Installation of all WC/ urinals / wash basins in the washrooms testing and commissioning of the same	
10.	Completion of all electrical works including lighting power points and entire hvac system testing and commissioning of the same	20% of quoted price
11.	Final commissioning of the building along with off signage and exit markings	10% of quoted price

- 27.0** The rate quoted by the contractor shall be deemed to be inclusive of all taxes as per the laws applicable in the State/ Central Government and charges of TPQA.
- 28.0** The stamp duty if any on the contract agreement levied by the Government or any other statutory body shall be paid by the contractor.
- 29.0** The contractor shall obtain all the statutory clearance / permission / licenses on behalf of SAI from different Government and civic bodies for implementation of the project.
- 30.0** The contractor shall submit to SAI monthly report indicating physical and financial progress by 10th of every month.
- 31.0** The contractor shall confirm that the activities proposed under the project shall conform to all Environmental Legislations, any judicial orders in force at the site of work including the Environment and Social Safeguard measures as per the NGRBA framework.
- 32.0** The contractor shall obtain the required statutory approval on behalf / in the name of Owner/ Client (if applicable).
- 33.0** It shall be responsibility of the contractor to submit the 6 sets of completion drawings, service drawings etc. to SAI after completion of work with the consultation of engaged architect by SAI.

- 34.0** The contractor shall be responsible for obtaining connections of water, sewerage and electricity from the concerned authority to ensure their proper commissioning so that no defects in operation of connections exist, by carrying out necessary tests etc. SAI/ Client/ Owner will render requisite assistance in making application etc.for the purpose.
- 35.0** Operation and Maintenance (O&M) Manual shall be part of construction contracts and to be provided by the contractor. Review from time to time the performance of construction during the Defects Liability Period (12 months) and get rectification done by the CONTRACTOR, if necessary at no extra cost and for this purpose the contractor shall submit adequate Bank Guarantee under the Construction Contract.
- 36.0** The contractor shall not be at liberty to release any news, information, advertisement and propaganda etc., regarding this AGREEMENT to the Press or any other broadcasting media, except with the prior written APPROVAL from SAI.
- 37.0** The contractor and their personnel shall not, either during the term or after expiration of the AGREEMENT, disclose any proprietary or confidential information relating to the network, AGREEMENT or Client's business or operations without the prior written consent of SAI.
- 38.0** The contractor shall provide all information, news and pre-post work photos/video to SAI.
- 39.0** During the performance of SERVICES hereunder, the contractor shall take out/carry/maintain insurance as "Builder All Risk Insurance".

CHAPTER – 4 SPECIFICATIONS

GENERAL

The entire work shall be done as per CPWD specifications with up-to-date correction. However, in the event of any discrepancy in the description of any item as given in the Schedule of Quantities appended with the tender and the specifications relating to the relevant item as per CPWD specifications mentioned above the former shall prevail. If the specifications for any item are not available in the CPWD specifications cited above relevant IS specifications shall be followed. In case IS specifications are also not available, the decision of the Engineer-In-Charge given in written based on acceptable sound engineering practice and local usage shall be final and binding on the contractor.

- 1.0 The work shall be executed and measured as per metric dimensions given in the Schedule of Quantities, drawings etc. (FPS units wherever indicated are for guidance only).
- 2.0 The following modifications to the above specifications and some additional specifications shall however apply:
 - i) All stone aggregate and stone ballast shall be of hard stone variety to be obtained from approved queries at or any other source to be got approved by the Engineer-In-Charge.
 - ii) Sand to be used for cement concrete work, mortar for masonry and plaster work shall be of standard quality. Sand shall be obtained from any source to be got approved by the Engineer-In-Charge and screened as required. The same shall consist of hard silicious material. It shall be clean and if the sand brought to site is dirty it must be washed clean in water and should conform to Clause 3.1.5.1 of CPWD specifications 91-92 or latest edition for fine sand and Clause 3.1.5.4 of CPWD specification 91-92 for coarse sand except for grading purposes.
- 3.0 Wherever any reference to any Indian Standard specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued their to or revisions thereof if any upto the date of receipt of tenders.
- 4.0 The rates for different items of works shall be for all heights and depth of the building except where otherwise specified in the items of work.

The work will be carried out in accordance with the architectural drawings and structural drawings, to be issued by the Engineer-In-Charge. The structural and architectural drawings shall have to be properly noticed between architectural and structural drawings, final decision in writing of the Engineer-In-Charge shall be obtained by the contractor. For items where so required sample shall be prepared before starting the particular items of work for prior approval of the Engineer-In-Charge and nothing extra shall be payable on this account.

- 5.0 Articles manufactured by reputed firms and approved by the Engineer-In-Charge shall only be used. Only articles classified as "First Quality" by the manufactures shall be used unless otherwise specified. Preference shall be given to those articles which bear ISI certification marks. In case articles bearing ISI certification marks are not available the quality of samples brought by the contractor shall be judged by the standards laid down in the relevant CPWD specifications. For items not covered by CPWD specifications relevant IS standards shall apply.
- 6.0 The contractor shall give a performance test of installations as per specification before the work is finally accepted and nothing extra whatsoever shall be payable to contractor on this account.
- 7.0 The work shall be carried out in a manner complying in all aspects with the requirements of relevant bye-laws of the Municipal Committee/ SAI/ Development Authority/ Improvement Trust under the jurisdiction of which the work is to be executed or as directed by the Engineer-In-Charge and nothing extra shall be paid on this account.
- 8.0 Other agencies doing work of electrification, external service other building work, horticulture work etc. for this project will also simultaneously execute the works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings etc. for laying/buying in the work pipes, cables, conduits, clamps, boxes and hooks for an clamps etc. as may be required for the electric and sanitary work etc. and nothing extra over the agreement rates shall be paid for the same.
- 9.0 Unless otherwise specified in the scope of work/ schedule of quantities the rates for all items of the work shall be considered as inclusive of pumping out or balling out water if required for which no extra payment will be made. This will include water encountered from any source such as rains, floods, subsoil water table being high due to any other cause whatsoever.
- 10.0 Any cement slurry added over base surface or for continuation of concerning for better bond is added to have been in built in the item (unless otherwise/explicitly stated) and nothing extra shall be payable (or) extra cement considered with consumption on its account.
- 11.0 The rate for all items in which the use of cement is involved is inclusive of charges for curing.
- 12.0 The foundation trenches shall be kept free from water while all the works below ground level are in progress.
- 13.0 The fineness modulus of sand to be used in different works shall be as follows:
- i) Course Sand Fineness Modulus as specified in the item like between 2.5 to 3.5 for plain concrete, RCC work, flooring work etc.

- ii) Fine Sand Fineness modulus as specified in the item like between 1.2 to 1.6 for finishing coat of cement, plaster, skirting clade etc. The coarse sand to be used at site shall be of light golden colour.

14.0 **BRICK WORKS**

Bricks shall generally conform to specification for brick class 7.5. Brick shall not absorb water more than 20% of their own dry weight after 24 hours immersion in cold water. Both the faces of wall of thickness more than 23 cm shall be kept in the proper plane. Wall of half bricks thickness or less shall be measured separately and paid in sqm. Half brick thickness shall be taken as 115 mm. Brick wall beyond half brick thickness shall be measured in multiple of half brick (i.e. 115 mm) which shall be deemed to be inclusive of mortar joints. When a fraction of half brick occurs due to architectural reasons or otherwise as per the requirements of the Department the same shall be measured as half brick work provided such fraction exceeds 2 cm fraction upto 2 cm thickness shall be made up in mortar and paid for as per specified thickness under brick work. Bricks shall be obtained from the source to be approved by Engineer-In-Charge and shall be of best quality, well burnt, ground moulded bricks available in the locality.

15.0 **AAC BLOCKWORK**

AAC blocks, or Autoclaved Aerated Concrete blocks, are lightweight, precast concrete building material with excellent thermal insulation and durability. They're made by combining cement, lime, sand, and an expansion agent that creates air pockets, making them lighter and more insulating than traditional bricks. They typically have a normal dry density between 550-650 kg/m³ and a compressive strength ranging from 3 to 4.5 N/mm². AAC blocks also exhibit good thermal conductivity, sound insulation, and fire resistance. Standard Size – 600 x 200 x 75 to 300)mm as per drawings/Engineer-in-charge.

16.0 **RCC WORK**

In respect of projected balconies, projected slabs at roof level and projected verandah the payment for the RCC work shall be made under the item of RCC slabs. The payment for centering and shuttering of such items shall similarly be paid under the item of centering and shuttering of RCC slab. Nothing extra shall be paid for the side shuttering at the edges of these projected balconies and projected verandahs. All the exposed edge shall however be finished as per specifications and nothing extra shall be paid for this.

In the item of RCC walls, railings and roofs etc. nothing extra shall be paid for making designs as per patterns given by Architects or for thickness of sections.

The rates for railing are inclusive of all the labour and the materials including of the item, portion of the railing which is embedded in the masonry or RCC shall not be included for measurements.

17.0 **PRECAST RCC**

The compaction of the concrete shall be done by vibrations, table or external

vibrator as approved by Engineer-In-Charge. The rate quoted for the item shall include the element both for formwork and mechanical vibration.

The water will be tested with regard to its suitability for use in RCC work and nothing extra will be paid for on this account.

The rate of item of reinforcement in RCC work includes all operations including straightening, cutting, bending, binding with ancaled wire and placing in position at all the floors weight all leads and lifts complete.

18.0 FLOORING

The rate of items of flooring is inclusive of providing sunk flooring in bath rooms, kitchen etc. and nothing extra on this account is admissible.

19.0 WATER SUPPLY SANITARY INSTALLATION

Sanitary fittings, paints and other materials shall be obtained from one of the firms on the list of approved manufacturers of CPWD and shall bear ISI mark. The materials shall be tested as per provision in relevant IS codes. The contractor's rates for items involving the use of the above materials shall be deemed to cover the cost of samples.

The SCI pipe and G.I. pipe wherever necessary shall be fixed to RCC columns, beams etc. with raw plugs and nothing extra shall be paid for this.

G.I. pipes if stipulated for issue in the schedule of material can be issue in such sizes or its equivalent metric size as considered fit and the issue rate recoverable from the contractor will remain the same. The contractor will not be paid anything extra on this account and nothing will be deducted for using the size of G.I. pipes issued and the items will be paid as per agreement rate for the same item.

The contractor shall be responsible for the protection of the sanitary and water supply fittings and other fittings and fixtures against pilferage and breakage during the period of installation and there after until the building is handed over.

Water tanks, taps, pipes fittings and accessories should conform to bye-law and specification of the Municipal bodies SAI etc. The contractor should engage licenced plumbers for the work and got the material (fixtures fittings) tested by the municipal bodies/SAI authorities wherever required at his cost, the work shall be carried out according to the municipal bye-law.

20.0 VARIATION CONSUMPTION OF MATERIALS

The variation in consumption of material shall be governed as per CPWD specification and clauses of the contract to the extent applicable. The following specific clauses shall govern the variation in consumption of pie lead.

21.0 VARIATION IN CONSUMPTION OF PIG LEAD

21.1. The pig lead for caulking of joints of SCI pipes shall be issued as per theoretical

consumption for SCl pipes of sizes 400mm, 75mm, 50mm, 0.88 kg at 0.98 kg and 0.77 kg per joint respectively. Over and above the theoretical quantities of lead as marked out, variation of 5% shall be allowed for wastage etc. Any difference between the actual consumption of pig lead and theoretical consumption worked out on the above basis/c the authorized variation shall be recovered at double the issue rate. Where the pig lead is arranged by the contractor, variation of 5% will be allowed. In case variation is on higher side 5% will be allowed. In case the variation is on lower side the quantity of pig lead used less shall be recovered from the contractor at market rate to be determined by Engineer-In-Charge whose decision in the matter will be final.

- 21.2. The theoretical quantity of cement to be utilized in item of concrete involving use of shingle aggregate and mixed by volume batching shall be computed on the basis of the co-efficient cement to be used in different items of the work provided in DSR 2023 reducing each of the co-efficient by 5% however where the concrete is mixed by weight batching no such reduction shall be made from the theoretical co-efficient given in DSR 2023 for concrete with crushed stone aggregate.

22.0 **CONDITIONS**

The contractor will have to work according to the programme of work decided by the Engineer-In-Charge. The contractor shall also construct a sample unit complete in all respects within three months from the date of award of work and this samples unit shall be got approved from the Engineer-In-Charge before mass construction is taken up. No extra claim what so ever beyond the payments due at agreement rates will be entertained from the contractor on this account.

The contractor shall take instructions from the Engineer-In-Charge regarding collection and stacking of materials in any place. No excavated earth or building material shall be stacked on areas where other buildings, roads, services of compound walls are to construct.

Royalty at the prevalent rates shall have to be paid by the contractor on the boulders, metal, shingle, sand and bajri etc. or any other material where royalty is payable collected by him for the execution of work direct to the revenue authority of the State Government concerned.

The contractor shall make his own arrangements for obtaining electric/water connections, if required and make necessary payments directly to the Department concerned.

The contractor must take all precautions to avoid all accidents by exhibiting necessary day and night caution boards, speed limit, red flag, red lights and providing barriers. He shall be responsible for all damages and accidents caused due to negligence on this regard. No hindrance shall be caused to traffic during the execution of work.

The contractor shall maintain in perfect condition all works executed till the completion of the entire work allotted to him. Where phased delivery is

contemplated the provisions mentioned above will apply to each phase.

No compensation shall be payable to the contractor for any damage caused by rains, lightening wind, storm, floods tornados, earthquakes or other natural calamity during execution of work. He will make good all such damages at his own cost and no claim on this account will be entertained.

The contractor shall clear the site thoroughly of all scaffolding materials and rubbish etc. left out of his work and dress the site around the building to the satisfaction of the Engineer-In-Charge before the work is considered as complete.

All material obtained from Govt. stores or other work shall be get checked from the Engineer-In-Charge or his representative on receipt of the same at site and before they are actually used.

If as per municipal rules the huts for labour are not to be erected at the site of work by the contractors. The contractor are required to provide such accommodation as is acceptable to local bodies and nothing extra shall be paid on this account.

The centering and shuttering required for RCC work will be brought to site by the contractor well in advance so that the progress of the upper floors is not hampered due to non-availability of the same. Nothing extra shall be paid for this.

The contractor must see the proposed site for the work and study specifications and conditions carefully before tendering. No claim of any sort shall be entertained on account of any site conditions or ignorance of specifications and conditions.

The site is available and tenderer should see the approached and conditions of the same. If any approach from main road is required at site or existing approach is to be improved and maintained for cartage and materials by the contractors the same shall be provided, improved and maintained by the contractor at his own cost.

Machine made shutters shall be got approved from the Engineer-In-Charge at factory site before carting the same to the site of work. The shutter damaged during the cartage shall not allow to be used in the work and shall be removed by the contractor at his own cost and no claim whatsoever shall be entertained in this regard.

23.0 CONDITIONS FOR ISSUE OF MATERIALS

The size of the cement godown indicated in the sketch on page 398 of CPWD specification 1977 is only for guidance. The actual size of the godown shall be as per site requirements and nothing extra will be paid for the same. The decision of the Engineer-In-Charge regarding the capacity needed will be final.

The contractor shall be fully responsible for the safe custody of the material issued to him even if the materials are under double lock system.

The account daily receipts and issues of cement shall be maintained in a register in

the prescribed Proforma to be supplied by the SAI signed daily by the contractor or his authorized agent in of its correctness.

The contractor shall construct suitable godowns/ yards at the site of work for storing all other materials so as to be safe against damage by sun, rain, dampness, fire, theft etc. at his own cost and also employ necessary watch and ward establishment for the purpose at his cost. Materials to be charged directly to work and stipulated for issue free of cost shall also be issued to contractor as soon as they are received at site or at the stipulated place of issue the provisions of this clause will equally and fully be applicable to those items as well.

Issue of steel of diameter above 10mm will be regulated on sectional weight basis, weight being calculated with the help of the above table. However for bars MS/tor steel upto and including 10mm, the following procedure shall be adopted. The average sectional weight for each dia shall be arrived at from samples from each lot of steel to be modified to take into account the variation between the actual and the standard co-efficient given above and the contractors account will be debited by the cost of this modified quantity only. The description of the Engineer-In-Charge shall be final for the procedure to be followed for determining the average sectional weight of each lot. Quantity of each diameter of steel received at site of work each day will constitute the single lot for this purpose.

For standard sectional weights of steel standard tables referred in para 5.3.3 in specifications for works 1991-92 volume1 to be considered for conversion of length of various sizes of MS or tor steel bars in to weight steel bars to be issued would be only for reinforcement works in RCC & not to cover any other items.

24.0 CLARIFICATION REGARDING PLINTH LEVEL

The following works shall be treated as works relating to foundations:

- a) For buildings, compound walls, plinth level (or) 1.2 meter (4 feet) above ground level whichever is lower excluding items of flooring and DPC but including base concrete below the floors.
- b) For abutment, piers, retaining walls of culverts and bridges, wall of water reservoirs. The floor level or where floor is not determinate upto 1.2 metre above bed level.
- c) For retaining walls where the floor level is not determinate upto 1.2 meters above average ground level or bed level.
- d) For roads all items of excavation and filling including treatment sub base and soiling work.
- e) For water supply lines, sewer lines, underground storm water drain and similar works, all items of work below ground level except items of pipe work and masonry work.
- f) For open storm water drains all items of work.

25.0 TESTING OF MATERIALS:

- a) The contractor shall produce all the materials in advance so that there is sufficient time for testing of the materials and clearance of the same before use in work.
- b) Samples of various materials required for testing shall be provided free of charge by the contractor. Testing charges, if any, shall be borne by the contractor. All other expenditure required to be incurred for taking the samples, conveyance, packing etc. shall be borne by the contractor himself.
- c) In case there is any discrepancy in frequency of testing as given in list of mandatory tests and that in individual sub-heads of work as per CPWD specifications 2009 (Vol. I & II) or latest edition the higher of the two frequencies of testing shall be followed and nothing extra shall be payable to the contractor on this account.
- d) The contractor shall be responsible to arrange at his own cost all necessary tools and plants required for execution of the work.
- e) With a view to avoid controversy about quality of cement concrete as revealed in the test results of 7 days cubes falling short of the prescribed standard by over 10% and 20% and pending testing of balance 3 cubes for 28 days as final confirmatory acceptance test crushed samples of cement concrete from the failed 7 days cubes should be preserved in a sealed bag.

CHAPTER 5 – LIST OF APPROVED MAKE

LIST OF APPROVED MAKES

Note: The Contractor shall obtain prior approval from Engineer-In-Charge before placing order for any specific material or engaging any of specialized agencies. The contractor shall make a detail submittal with catalogues and highlighted proposed specifications as well as full details of the works executed by specialized agency as specified.

Acceptable makes of materials for work to be used in the work are detailed below. In case of non-availability of these makes, after the approval of SAI, the Contractor can use the alternative makes only BIS marked materials. Non BIS marked materials may be permitted by the SAI only when BIS marked materials are not manufactured.

CIVIL WORKS

S.NO	NAME OF ITEM	MAKE APPROVED
1	ORDINARY PORTLAND CEMENT GRADE 43/53, PORTLAND POZZOLONA CEMENT	JK, ACC, ULTRATECH, JAYPEE, SHREE, AMBUJA
2	Ready Mix Concrete	From the RMC Plant of JK, ACC, LAFARGE, ULTRATECH, JAYPEE, SHREE, AMBUJA
3	WHITE CEMENT	JK, BIRLA, ACC, JAYPEE, AMBUJA
4	REINFORCEMENT STEEL	TATA , SAIL, RINL, JINDAL, JSW STEEL
5	PLY / BOARD / MDF	DURO, MERINO, GREEN PLY, AGNI , KITPLY, CENTURY
6	LOCK/BRASS FITTING	DORSET, DORMA, OZONE, GODREJ, HAFELE
7	WALL PUTTY	JK, BIRLA, ACRO, BERGER
8	STRUCTURAL STEEL/TUBULAR TRUSS	TATA , SAIL, RINL, JINDAL, APL APOLLO
9	PAINT/POLISH/ PRIMER/ WATER PROOFING PAINT	BERGER, ASIAN, DULUX, NEROLAC
10	POWDER COATING	AKZONOBEL, ASIAN
11	EPOXY PAINT/ WATER PROOFING WORKS	FIBREX/BASF/ SIKA/FOSROC
12	FLOOR & WALL TILE(VITRIFIED & CERAMIC)	KAJARIA, ORIENTBELL ,SOMANY, NITCO
13	GLASS / MIRROR	ASAHI, SAINT GOBAIN, PILKINGTON, MODI GUARD
14	CONSTRUCTION/WATERPROOFING CHEMICAL, ADMIXTURES	ROFFE, FOSROC, SIKA, ULTRACON, PIDILITE
15	ANTI TERMITE	VAM ORGANICS, PYRAMID, TERMISOL
16	GRID FALSE CEILING & WALL PARTITION	ARMSTRONG, DEXUNE, NEW AGE, HUNTER DOUGLAS, SAINT GOBAIN
17	GYPSUM WALL	BORAL, INDIA GYPSUM, GYPROC, SAINT GOBAIN

	PARTITION/CEILING	
18	FLUSH DOOR	DURO, CENTURY, MERINO, ARCHIDPLY, AGNI
19	DOOR FITTINGS & FIXTURES	DORMA, OZONE, DORSET, EBCO, HAFELE
20	GLASS/SS HANDRAIL	DORMA, OZONE, DORSET
21	ALUMINIUM SECTIONS	JINDAL, BHAROUKA, HINDALCO
22	XPS INSULATION	OWENS CORNING
23	GLASS PROCESSING	GOLDPLUS, GSC
24	MODULAR FURNITURE	GODREJ, BP ERGO, FEATHERLITE, WIPRO
25	VENEER/LAMINATE	MERINO, CENTURY, AGNI, DURO, GREEN, ARCHIDPLY
26	SIGNAGES	3M, XENON OR EQUIVALENT
27	Upvc Doors and Window	FENESTA, DECEUNINCK, ALUPLAST, AIS
28	PAVER BLOCK/KERB STONE of M25 OR M30 (as per drawing) Grade and 60 mm thick	NITCO, UNITILE, NIMCO OR EQUIVALENT
29	FIRE RETARDANT PAINT	NULLIFIER/SIGNUM/GODREJ/NIPPON/ CARBOLINE
30	FIREDOOR	SUKRI, NAVAIR, DORMA
31	FIRE RATED GLASS	SCHOTT (GERMANY) AND EQUIVALENT
32	PIPES RELATED WORKS	REFRE MAKE LIST FOR PHE WORKS
33	STAINLESS STEEL (GRADE 304) RAILING MADE OF HOLLOW TUBES, CHANNELS, PLATES ETC	JINDAL, TATA, MONNET
34	ACP	ALUTUFF, ALUCOBOND, ALSTRONG, ALUDECOR
35	REINFORCEMENT COUPLER	SNTP, DEXTRA, MOMENT, LENTON
36	EXPANSION JOINT	KOHINOOR ENTERPRISES, MIGUA, CS
37	GLASS FIBER REINFORCEMENT CONCRETE	DALAL TILES, SHENISHA, BIRLA
38	VERTICAL BLINDS	VISTA, MAC, HUNTER DOUGLAS
39	STRUCTURAL STEEL	JSW, SAIL, TISCO / TATA , RASHTRIYA ISPAT NIGAM LIMITED (RINL) /ESSAR STEEL / ISPAT Or equivalent brand
40	MS PIPE	JINDAL/ TATA/ WELSPUN /MUKAT PIPES
41	GI PIPES	JINDAL / TATA Or equivalent brand
42	PVC PIPES	FINOLEX / SUPREME
43	GALVALUME SHEETS	JSW/ TATA/ ESSAR Or equivalent brand
44	WELDING ELECTRODES	ESAB INDIA/ EWAC ALLOYS/ HONAWAR ELECTRODES/ D & H Welding Electrodes
45	PAINTING	Asian Paints/ Jotun India / Berger Paints / ICI Paints / Nippon

ELECTRICAL WORKS

ITEM	MANUFACTURERS NAME
Air Circuit Breaker	Schneider /Siemens/ L&T/ABB
Moulded Case Circuit Breaker With rotary operating handle.	Schneider/ Siemens/ L&T/ ABB/ Polycab

Transformer / Compact Substation	ABB/ Schneider/ Kriloskar/ Crompton
Digital meters	El Measure / L&T/ Conserve/ Trinity / Neptune Ducati
Contactors, Timers	Schneider/ ABB/ L & T/ Legrand/ Siemens
Capacitors / capacitor with relay	Schneider/ EPCOS/ L & T
Voltmeter & Ammeter	Conserve/ Enersol/ HPL
Switch Gear	Schneider/ Siemens/ L&T/ ABB/ Crompton
Selector Switch	Kaycee/ L & T
Current Transformer	Matrix/AE/ C&S / G&M
Indicating Lamp	L & T/ Siemens/ AE
Protective Relays	ABB/ L & T /Siemens/Schneider / GE
Multi functional meter	L&T/ Legrend/ Conzerv
APFC Relay (Microprocessor based)	Syntron/ Enercon/ L & T/ Ducati/ Schneider
Batteries	Exide/Amar Raja/Okaya/Luminous
Battery Charger	Uptron/Voltstat Electronics
L.T. / H.T. Cable	Polycab/ Havells/ Finolex/ KEI
DC Miniature Circuit Breaker	Schneider/Siemens/Polycab/ Legrand
Cable Lug (Tinned Copper)	Dowells/ Multi/Capital
Cable Gland	Peeco/ Commet/ Gripwell/ Power
Main L.T. Panel, Capacitor Panel & Distribution Panel	SPC Electrotech/ Tricolite/ Adlec/ Application Control/ Precision
Cable Tray / Raceway	Pilco/CTM Engineers/KME/Slotco/Steelways
Fire Extinguishers	Zenith/Minimax/Newage/ Cease Fire
Energy Analyzer Meter	Conserve/Elmeasure/Enersol
Voltmeter & Ammeter	Conserve/ Elmeasure/ Enersol
Distribution Boards with Miniature Circuit Breakers, RCCB	Hager/Legrand/ polycab/L & T/ Havells
PVC Insulated copper conductor single core Stranded wires of 650/1100 volt grade	Havells/finolex /Polycab
Telephone Tag Block	Krone/ TVS R&M
PVC Conduit	BEC/AKG/polycab/ RMCON/ ASTRAL
M.S. Conduit	BEC/AKG / RMCON/ JINDAL
Modular Switches & Sockets	Legrand/Havells/polycab/ Anchor
LV System Wire	Siemens/Legrand/ Amp/ Havells/polycab
TV/Telephone outlet	Siemens/Legrand/ Havells/polycab
Data Outlet	Siemens/Legrand/ Havells/polycab
Data Rack	Siemens/APW/Legrand/ Wipro
Light Fixture	Philips/Havells/polycab/ wipro
Lamps	Philips/ Havells/ polycab/ wipro
Ceiling Fan	Orient/Havells/Crompton Greaves/Bajaj
Exhaust Fan with louvers	Orient/Havells/Crompton Greaves/Bajaj
Geyser	Havells/ Bajaj/V-Guard/ A-O Smith/ Jaguar/ Crompton Greaves
Fire Alarm System	Notifier Honeywell/ Siemens/Tyco/

	Edwards/ Agni
Presence Detector	Hagger/Legrand/Philips
RCC Hume Pipe for Electrical Works	ISI Marked of Reputed Company
PLC	Siemens/Allen Bradley
Telephone / Co axial Wire	Polycab/finolex/Havells
Professional LED Panel	Panasonic/ Samsung/Sony
Public Address System	Honeywell/ Bosch/Tyco/Edwards
D.G. Set (Engine)	Cummins/Catterpillar/Stamford/Kirloskar
D.G. Set (Alternator)	Stamford/ LerroySommer/ Catterpillar
D.G. Accoustic Enclosure	Jakson/Sterling/CatterPiller/Sudhir
H.T. Panel	ABB/ Schneider/Siemens
H.T. Termination Kit	Raychem/Denson
Smoke Detectors	Notifier Honeywell/ Tyco/ Siemens Cerberus-Pro/Shrack
Heat Detectors	Notifier Honeywell/ Tyco/ Siemens Cerberus-Pro/Shrack
Manual Call Box	Notifier Honeywell/ Tyco/ Siemens Cerberus-Pro/Shrack
Hooter/ Sounder	Notifier Honeywell/ Tyco/ Siemens Cerberus-Pro/Shrack
Response Indicator	Notifier Honeywell/ Tyco/ Siemens Cerberus-Pro/Shrack
Fire Panel	Notifier Honeywell/ Tyco/ Siemens Cerberus-Pro/Shrack
Pa Amplifier	Honeywell/ Bosch/Heinrich/Aties
Pa Speakers	Honeywell/ Bosch/Heinrich/Aties
Line Matching Transformer	Honeywell/ Bosch/Heinrich/Aties
Goose Neck Mike	Honeywell/ Bosch/Heinrich/Aties
Inverter	Topaz International/ Luminous/ Hytes/ Su- kam/ Microtech
Camera With All Accessories	Axis / Inpulse/ Idis/ Bosch/Pelco
Road Barrier	Nice/ Magnetics/ Godrej/ GE
Card Reader	Sensormatic-Usa/ Motorola /Honeywell(XIs- 3000)
Monitor	LG/ Samsung/Sony
Multiplexer	Sensormatic Or Equivalent
Sequencer	Alba/ Vantage
Proximity Card	Motorola/ Hughes/ Honeywell/GE/Siemens/Hid
Telephone Tag Block	Ctm Engg/Systimax/Schneider/Panduit
Telephone Cables	Delton / Skytone/ Clipsal/ havells
Co-Axial Cables	Finolex/ havells/ polycab
EPABX	Alkatel/ Siemens/ Nec/ Avaya/ Panasonic
CCTV System	Axis / Impulse/ Idis/ Bosch/ Honneywell /Tyco
Access Control System	Honeywell/ Siemens/Syris
Video Conference System	Polycom/Sony/Sysco
Audio Processor	Bose/Bss/Clearone
Bms Controller/Software Central Control Bms Server	Ibm/Hp/Dell
Building Management System, Building management Web Based Server Software, Programmable & Application	Siemens/Honeywell Ebi/Tyco / Schneider

Specifier Controller	
Sensor & Field Devices Immersion Type Temperature Sensors, Flow Meter,Ultra Sonic Thermal Energy Meter , Outside T+Rh Sensor	Siemens/Kele/Sauiter Race
Water Level Switches, Flame Proof Level Switches	Kele/ Veskler/Flipro
Dc Voltage Transducer, Current Relay	Kele/Situ/Omicron
Room Type Temp. Sensor, Co2 Sensor, Ambient Temp. Sensor	Siemens/Kele/Trane
Co Sensor	Dwyer/Kale/Msr German
Pressure Transmitter	Siemens/Trane/Omicron
Differential Pressure Sensor	Siemens/Trane/Veskler
Fire Suppression System	Siemens/Kidde/Tyco
High Mast and Poles	Bajaj Electricals / My Fair Light/ Paruthi Engineering
Service/ Passenger Elevators	Kone/Schindler/OTIS
UPS	Schnider, Socomec, Delta, Numeric

PIPE WORKS

S.NO.	ITEM	MANUFACTURERS NAME
1.	VITREOUS CHINA AND FIRECLAY SANITARYWARE WITH COVER	JAQUAR/HINDWARE/PARRYWARE/ ROCA / KOHLER / CERA
3.	STAINLESS STEEL SINKS	JAYNA/ PARRYWARE/ NEELKANTH/ NIRALI/ CERA
4.	C.P. FITTINGS & ACCESSORIES	JAQUAR/HINDWARE/PARKO/ROCA/ CERA
5.	C.P. WASTE, SPREADERS, URINAL FLUSH PIPES	JAQUAR/ HINDWARE/ PARRYWARE/ ROCA / CERA
6.	SS COCKROACH TRAPS, GRATINGS FOR FLOOR DRAINS, FLOOR TRAPS AND RAIN WATER GRATINGS	CHILLY/ JAYNA/ CAMRY
7.	SOIL, WASTE & FITTINGS (a) CENTRIFUGALLY CAST SPUN CAST IRON PIPES (IS:3989)	SKF/ NECO/BIC/ PRINCE/ SUPREME/ KISSAN
8.	RCC PIPES	PRAGATI / JAIN SPUN/ ISI MARKS OF REPUTED COMPANY
9.	PVC/ CPVC PIPES & FITTINGS	ASTRAL/ ASHIRVAD /PRINCE/ FINOLEX /PRAKASH/ SUPREME
10.	HAND DRIER	JAQUAR/ HINDWARE/EURONICS
11.	BALL VALVES	ZOLOTO/ LEADER/ AIP/ SANT / NEU-G
12	RAIN WATER PIPES & FITTINGS UPVC PIPES AND FITTINGS	PRINCE/ SUPREME/ PRAKASH/ FINOLEX/ ORI-PLAST

13.	WAFER TYPE BUTTERFLY VALVES	ZOLOTO/ LEADER/ AIP/ DANFOSS/ SANT / NEU-G
14.	WAFER TYPE NON-RETURN VALVES	ZOLOTO/ LEADER/ AIP/ DANFOSS SANT / NEU-G
15.	WATER METRES	CAPSTAN/KRANTI/KAYCEE/AQUAMET
16.	BALL COCKS	GPA/ DRP/ SANT/ L & K
17.	STONEWARE PIPES & GULLY TRAPS	PERFECT/ BURN/ RK/ SAURAKHI / MOU
18.	C.I. MANHOLES COVERS AND FRAMES	NECO/ RIF/ BIC/SKF/BIC/ RPMF
19.	RCC MANHOLE COVERS & FRAMES	KK/ PRAKASH/ JSP
20.	FASTNERS	HILTI/ INTELLOTEC / TRUCTEK / FISHER
21.	WATER HEATER	HAVELLS/ BAJAJ/ CROMPTON GREAVES
22.	HOT WATER NEOPRENE INSULATION	KAIFLEX
23.	GATE/ FULLLL WAY VALVES AND GLOBE VALVES	LEADER/ZOLOTO/SANT
24.	AIR RELEASE VALVES	SANT/ LEADER/DANFOSS/ ZOLOTO
25.	PIPECOAT	IWL LIMITED/ PYPKOTE
26.	C. I. PIPE	RIF, NECO, SKF, HEPCO, BIC
27.	G. I. PIPE	JINDAL, TATA, SWASTIK, APL APOLLO, SURYA PRAKASH
28.	G.I. FITTINGS (MALLEABLE CAST IRON)	JINDAL / SURYA PRAKASH /DRP-M/ ZOLOTO-M/ UNIK
29.	M.S. FITTINGS (FORGED)	DRP/ VS
30.	OVERHEAD WATER TANK	SINTEX, SHEETAL, EUREWELL
31.	WATER COOLER	BLUE STAR/VOLTAS/GODREJ
32.	R.O WATER PURIFIER	KENT/ EUREKA FORBES/ ION EXCHANGE
33.	WATER TREATMENT PLANT	ION EXCHANGE/ THERMAX/ BRISANZIA
34.	HDPE PIPE	PRINCE/ SUPREME/ PRAKASH/ FINOLEX/ DUROLINE
35.	DI PIPE	JINDAL/ PRINCE/ SUPREME/ PRAKASH/ FINOLEX/ JAI BALAJI
36.	DI PIPE FITTINGS	JINDAL/ PRINCE/ SUPREME/ PRAKASH/ FINOLEX/ JAI BALAJI

FIRE FIGHTING WORKS

S.NO.	MATERIALS	BRAND NAME
1.	M.S. PIPES	JINDAL HISSAR / PRAKASH SURYA/TATA
2.	G.I. PIPES	JINDAL HISSAR / PRAKASH SURYA/ TATA
3.	FORGED STEEL FITTINGS	DRP / SS / VS /METLINE/TRUE FORGE

Sign. & Seal of Tenderer

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4.	GUN METAL BALL VALVES	ZOOTO / LEADER / AIP/SANT/CASTLE
5.	BUTTERFLY VALVES	ZOOTO / LEADER / AIP/KSB/SKS
6.	NON-RETURN VALVES.	ZOOTO / LEADER / AIP
7.	FIRE HYDRANT LANDING VALVES, FIRE BRIGADE CONNECTION (ISI MARKED)	MINIMAX / NEWAGE / FLAME GUARD
8.	OTHER VALVES	ZOOTO / LEADER / AIP/ SANT/ KRILOSKAR / AUDCO/ SKS
9.	FIRE HOSE PIPES, FIRST AID HOSE REEL (ISI MARKED)	MINIMAX / NEWAGE / PADMINI / FLAME GUARD/MITRA
10.	BRANCH PIPE, NOZZLE AND COUPLINGS	MINIMAX / NEWAGE/ FLAME GUARD
11.	FIRE EXTINGUISHERS	MINIMAX / NEWAGE/ FLAME GUARD
12.	PUMPS	KIRLOSKAR /CROMPTON GREAVES/ MATHER + PLATT
13.	MOTORS	KIRLOSKAR / SIEMENS /CROMPTON / ABB
14.	STARTERS	GE / L & T / CONTROL & SWITCHGEAR
15.	SINGLE PHASING PREVENTOR / OVER LOAD PROTECTION UNIT	SIEMENS / MINILEC
16.	PRESSURE SWITCH	DANFOSS / SWIZER
17.	PRESSURE GAUGE	H. GURE / FIEBIG
18.	RELAYS	L & T / SIEMENS
19.	CONTRACTORS	L & T / SIEMENS
20.	CONTROL CABLE	SKYTONE / POLYCAB / GRANDLAY / HAVELLS
21.	ELECTRICAL PANEL	DIAMOND ELECTRICALS / SPC ELECTROTECH PVT. LTD. / NEPTUNE /
22.	MOULDED CASE CIRCUIT BREAKERS	L & T / SIEMENS / SCHNEIDER
23.	FUSE DISCONNECTOR SWITCH / SWITCH FUSE UNITS	L & T / SIEMENS / ABB / INDO ASIAN SCHNEIDER / POLYCAB/ control & SWITCH GEAR.
24.	HRC FUSES	L & T / SIEMENS / SCHNEIDER
25.	AMMETER, VOLTMETER	UNIVERSAL
26.	SELECTOR SWITCH, PUSH BUTTON SWITCH / EMERGENCY SWITCH	L & T /SIEMENS / SCHNEIDER
S.NO.	MATERIALS	BRAND NAME
27.	1.1 KV LT CABLES (ISI MARKED)	FINOLEX / POLYCAB / HAVELLS
28.	PIPE COAT	IWL LIMITED / STP / PYPKOTE
29.	FASTENERS	HILTI / INTELLOTECH/ FISHER/ TRUTEK

30.	SUSPENDERS	INTELLOTECH / CAMRY
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AIR CONDITIONING WORKS

S.No.	Items	Standard Makes
1	Air Cooled AC Units/ Split ACs	CARRIER/ HITACHI/DAIKIN/BLUE STAR
2	DX Type AHU	Zeco / Edgtech / VTS / Monash
3	Closed cell electrometric Pipe insulation	Armaflex/Supreme/A-Flex/K-Flex
4	Refrigerant Piping	Mandev/Total Line/ Rajco/Metube
5	Duct Acoustic Insulation	UP Twiga/ Owens Corning
6	Duct Insulation	Supreme/Paramount
7	Room Acoustic Insulation	UP Twiga/ Owens Corning
8	Grilles, Diffusers, Dampers, Laminar	Tristar/Carryaire/AFC
9	Fire Dampers	Tristar/Carryaire/AFC
10	G.I.Sheets for Ducts	SAIL/Jindal/Bhushan
11	Power/Control Cables	Polycab/Finolex/Havells
12	Hard PVC pipes	Polycab/Supreme/Prince
13	Armoured Power Cables	Polycab/ Havells/ finolex
14	Starters/Contactors/ Overload Relay	L&T/ Siemens
15	Electrical Control Panel	As per approval From Consultant/ Client
16	Inline Fan	Caryair / Vents / Ostberg / Sphere

Note: The above scope/details of work are only for indicative purpose and may vary as per the requirements of Sports Authority of India (SAI) any Time.

CHAPTER 6 – SCOPE OF WORK

1.0 GENERAL

This section shall include the following Scope of Work but not limited to the following works, and the bidder shall undertake all these works and quote the cost accordingly. The works/ items/ specifications/ equipment though not specifically mentioned in tender document but needed to make the project complete in all respects and reliable for safe and smooth operation and guaranteed performance as per standard norms shall be considered and shall be included in the quoted cost by the bidder.

2.0 SCOPE OF WORKS (Indicative)

Scope of work includes **the Establishment of Fitness Centre/Gym Building at Warm-up Athletic Track within JNL Stadium Complex** for Sports Authority of India (SAI) along with all appurtenant works including all supplies of materials, Machines, Equipment's and labor required for the completion of works in terms of tender conditions which shall be invited from the Construction Agencies/Firms for the subject work. **The Good for Construction drawings shall be prepared by the contractor by utilizing the services of a sports architecture firm, preferably with SAI empanelment and finally approved by the engineering consultant appointed by SAI.**

Note: The scope/ details of work is only for indicative purpose and may vary upto any extent as per the requirements of the client/ SAI from time to time

DETAILS OF WORK

Gym/Fitness Centre and Toilet Facilities

A fully functional, earthquake-resistant (Zone 4) Gym/Fitness Centre with toilet facilities is proposed at Jawaharlal Nehru Stadium, New Delhi. The ground-level structure will be delivered complete in all respects and ready for use.

The building will be a hybrid / RCC and steel structure/Pre-engineered Building housing the Gym/Fitness Centre and Toilet facilities. Structural elements—columns, beams, slabs—will be designed to ensure clear-span hall areas without internal columns, as shown in the tender drawings. The slab system will incorporate metal decking with a portal frame/ truss system structure and other details as per design. Columns will be placed to avoid disrupting usable space and will be extended as specified in the drawings. Comprehensive plinth protection and waterproofing with a 10-year warranty are included in the construction scope. Bidders must account for these design requirements in their fixed-price quotes.

THE SCOPE INCLUDES

- a) The scope of work covers planning, design and construction of Hybrid / RCC and Steel Structure/Pre-Engineered Building for proposed work as per the tender drawing. It may be noted that the vendor is advised to visit the site prior to bidding to get familiarity with the site condition, accessibility, hindrances etc. and no extra claim on account of site condition will be entertained. The entire design responsibility lies with the contractor.
- b) Demolition Work - The Contractor shall carry out all demolition works as per the approved drawings and as required for the execution of the project, including the removal of existing structures, utilities, or any obstructions necessary for new construction. During

demolition, no alteration or disturbance of underground services shall be made without the prior permission of the on-site engineer appointed by SAI. All demolition and disposal shall be conducted safely and in compliance with applicable regulations. Any additional demolition work found necessary during execution, whether shown in the drawings or not, shall fall within the Contractor's scope. **No extra payment** will be made for such work, and the Contractor should include the cost in their quoted price.

- c) Obtaining necessary NOCs/approvals from local authorities, preparing all design and construction drawings (architectural, structural, MEP), conducting surveys and geotechnical investigations, and providing detailed specifications, tender documents, and approved makes. It also covers general technical specifications, terms and conditions of the tender, and ensuring the project is fully functional, safe, and operational as per building norms. Any work or item not explicitly mentioned but required for project completeness and performance must also be considered while quoting. Bidders shall refer to this section and the conceptual drawings while quoting.
- d) Preparation of Design, Drawings for Architectural, Structural, services etc. including Good for Construction Drawings (GFC) and third-party vetting of structural drawings by IIT/NIT.

NOTE: The supply of movable furniture's like tables, chairs, wardrobes, Gym equipment's, in tender drawings are not in the scope of work of contractor.

e) **NOC'S / APPROVALS/ CLEARANCE FROM LOCAL BODIES/ AUTHORITIES**

- All the necessary Statuary Approvals/ NOCs/ Clearances such as Forest NoC, if necessary; approval of local Development Authority for architectural plans; Approval of ground water board, if necessary; clearance of height from concerned authority, if any; Fire NoC, etc. which are required from any Govt. Department, before start of the work / during execution of work / after execution of work & before handing over the project, are the responsibility of the Contractor and are in the scope of work of the Contractor.
- If any modifications or revisions required in the aforementioned statutory approvals, NOCs, or clearances—whether prior to commencement, during execution, or post-completion of the work—shall be the responsibility of the Contractor and fall within their scope of work. The fees required for obtaining such approvals shall be paid by the Contractor directly to the respective departments or authorities and will be reimbursed upon submission of original payment receipts. No additional claims in this regard shall be entertained. Furthermore, the Contractor shall be responsible for planting new trees at their own expense, as per the Forest Department's approval, to compensate for any trees removed due to construction activities, if tree cutting is deemed necessary.

f) **TOPOGRAPHICAL SURVEY**

The Contractor/Bidder is advised to undertake a detailed site survey at their own expense in order to assess and familiarize themselves thoroughly with the topographical features and ground conditions of the project site prior to submitting their bid and initiating any construction activities. This independent assessment will enable the Contractor to quote accurately and plan the work accordingly. It is hereby clarified that no claims or compensation shall be entertained from the Contractor at any stage of the project—whether before, during, or after execution—on the grounds of discrepancies, variations, or misunderstandings related to topographical surveys, site levels, or ground conditions.

g) **GEOTECHNICAL INVESTIGATION**

- The Contractor/Bidder is advised to conduct a comprehensive soil investigation to ascertain the soil properties, including Soil Bearing Capacity (SBC), and other relevant

geotechnical parameters. The Contractor may undertake a detailed geotechnical study at their own expense to evaluate the subsurface conditions, as the responsibility for designing a structurally sound and stable foundation lies solely with them. It is essential that the Contractor performs an independent assessment of the geotechnical aspects of the site prior to submitting the bid. No claims or compensation shall be entertained at any stage of the project with discrepancies, inaccuracies, or variations in soil exploration findings or geotechnical investigation data.

h) DESIGN SPECIFICATIONS

It is the responsibility of the contractor to obtain all relevant design information from the Engineer in Charge for preparing the design and other utility services supported by the structure. Design of all primary and secondary members such as columns, rafters, roof sheeting etc. is to be designed as per the attached Design Data Sheet which is to be submitted to the SAI/EIC/ Consultants for approval and the tenderer shall prepare GA Drawings in addition to the fabrication drawings, erection drawings required for completion of the work.

The Design considerations given hereunder establish the minimum basic requirements for the design. However, the structure shall be designed for the satisfactory performance of the functions for which the same is to be constructed.

i) DESIGN AND DRAWINGS OF PROJECT

- The Conceptual drawings for design Intent are given in the tender document to understand the detailed scope of the work as it is EPC tender. These drawings need to be revised/modified as per the site conditions, due to any mandatory technical requirements, as per the Indian Standard of Codes, as per client requirements, as per the requirements of the Govt. Departments norms, due to change of rules & regulations and as per the decision by Engineer In-charge. No additional cost will be paid to the contractor due to this modification, as it is EPC Contract. Therefore, Bidders may quote the cost accordingly. Contractor shall not be absolved of their responsibility of structural stability and correctness of structural design. The contractor shall bear all the losses if arises out of the failure of any part of the project. If Contractor found any discrepancy in the issued GFC drawings, he may bring same to the notice of SAI before execution. The Contractor will submit the detailed PERT/CPM chart to SAI after award of the work so that planning of release of stage-wise drawings may be ensured. Accordingly, stage-wise GFC drawings should be released by the contractor as per the progress of the works.
- Preparation and submission of design calculation for approval, which includes load calculation, detailed analysis of structure and design of structure as per codal requirement including deflection limitations. Contractor shall submit three set of design calculation along with drawing for comments/approval and shall incorporate all comments and shall submit final documents after incorporation of comments.
- In case of PEB structure, the contractor shall prepare and submit design calculation for approval, which includes load calculation, detailed analysis of structure and design of structure as per codal requirement including deflection limitations. Contractor shall submit three set of design calculation along with drawing for comments/approval and shall incorporate all comments and shall submit final documents after incorporation of comments.

- j)** Contractor shall ensure that the Technical specifications detailed herein are carefully read and understood in conjunction with, and related to Bill of quantities, and the contractor in his rates includes all requirements defined herein and in other parts of the Contract Document. Works to be performed shall also include all general works

preparatory to the fabrication of structural steel work, launching of steel structures during the works of any kind.

- k) Proof checking of designs to be get done by PEB Vendor from a reputed Educational Institutions like COEP / IIT's/NIT's/Research Institutions/ Government Department.
- l) The structure should be water proof and sustainable to rain and wind pressure, suitable for Geo climatic and hazard conditions of the region, having design compatibility and flexibility and structure stability, conforming to prevailing codes.

Contractor has to prepare all the Detail/GFC Drawings of all the discipline for mentioned work (i.e. GYM/Fitness's Centre) as mentioned through an architect. Documents to be furnished in English language. Contractor shall provide 2 sets of preliminary sketches, 2 sets of Detail Drawings/GFC Drawings including soft copies, calculation, analysis, reports, specification, bill of quantities for each work/system, well in advance to SAI, as per the scope of work and compatible with proposed building of the following :

- HVAC works
- Fire Fighting works including alarms
- uPVC windows
- Structural Glazing
- CCTV system
- LAN system, IP based EPBX system and Access Control system
- Solar PV system
- Sound system
- Electrical panel
- Others required shop drawings

3.0 WORK OF PROJECT

A. CIVIL, PHE AND ALLIED WORKS

- Construction of a new facility comprising Gym/Fitness Centre and toilet blocks near the Warm-up Athletic Track, including associated site preparation works. The scope includes cutting and replanting/relocating of existing plantation, small trees, etc., on site, and removal or relocation of existing non-structural elements such as kerb stones, paver blocks, etc., that fall within the proposed external development area/Construction Site Area.
- Barricading surrounding to the construction site for non-disturbance of nearby areas, especially Adjacent Warm-up Athletic Track.
- Relocation of underground services such as electric lines, firefighting lines, telephone conduits, sewer lines, gas pipelines, water pipelines, and other cables/lines during excavation and leveling, ensuring integration with the proposed facility near the running track without any discontinuation of services of existing running buildings with in the campus.
- Site Leveling, Excavation etc. without disturbing the nearby or surrounding function.
- Retaining walls (RCC / Stone masonry), if any, required to be constructed due to level difference of plot area, to retain the earth during foundation works as per the site requirement and approved drawings
- Construction and completion of all Civil (i.e. Interior & Exterior), Electrical, Mechanical, Plumbing, firefighting, Site Development Works of the proposed building and other allied work.
- As per NBC Guidelines/Fire Fighting Standard Guideline, Construction of Domestic & Fire Water RCC underground tank including pump house with all Civil, Electrical, Mechanical, Plumbing works, If required.

- **Supply, installation, and commissioning of a terrace water tank of required litres capacity— as rectangular 5-layer UV-protected vertical polyethylene (UPVC) in modules of not more than 2000 litres as finalized and approved by SAI (the client).** The scope shall include all related **Civil, Electrical, Mechanical, and Plumbing works** such as access ladder, piping, valves, pumps with automatic operation system, alarm, electric panel, and associated fittings to ensure the complete functionality of both the **water supply and fire-fighting alarms and systems**, strictly in accordance with applicable standards and NBC norms.
- Water Softener complete in all respect as per the quality of water.
- Construction and completion of internal road, or pavement for external development and allied works.
- Front Signage board/alphabets of Gym or Fitness Centre and Toilet facilities of SS signage letters or illuminated Signage's with backlight and Regulatory Signage boards inside & outside of the building on Stainless steel plates or Acrylic Sheets as approved from SAI.
- Rainwater Harvesting pits and its connection with rain water outlet of building as per the standard norm and approved drawings.
- Construction / laying of storm water drain complete in all respect surrounding the building and its connection to the existing storm water drain of campus or Rain Water Harvesting Pit.
- Connection of building water supply works from all concerned area of the building, Underground tank, Overhead Tank including all pumps, pipes, fittings, fixtures, accessories and construction of pump house, if required. If provision of direct connection then All complete for Tie in connections.
- Connection of building sanitary works from all concerned area of GYM and Toilet up to the new constructed manholes of the building including all pipes, fittings, fixtures, accessories. Further this newly constructed man hole shall be connected from the existing sewer line including all pipes, fittings, fixtures, accessories and man holes.
- Horticulture works surrounding the building which includes grassing about 150 Sqm and plantation of healthy / dense trees of length 2-3 meters of Champa, Mango, Jamun, Amla, Peepal, Neem, Gulmohar, Libernam, Guava, Jamun, Jakaranda, Kadam or as per the choice of SAI including provision of sufficient water outlet points for irrigation with pipe, pimps, fittings etc. Number of plants will be around 20 nos. The seasonal flower plants shall be planted by the contractor as per the approved horticulture plan by SAI. The horticulture works shall be maintained by Contractor upto Defect Liability Period. Sufficient numbers of water outlet points at required locations connected with pipes and pumps for maintaining and irrigation of horticulture works. Every tree must be protected by MS tree guard along with painting on the guard. The required good earth, fertilizers, pesticides, anti termite, timely irrigation etc. which are required for proper growth of the plant shall be used by the contractor. All the horticulture works will be maintained by the contractor upto defect liability period.
- Cutting of trees with in plot area of proposed building as per the approval of forest department and transportation of cut trees upto the desired destination of forest department. Contractorsh all also plant the new trees at his own cost according to the approval of Forest Department against cut trees which are falling in plot area, in addition of above 50 nos. of trees.
- Preparation of foundation and inauguration along with civil structure including decoration and other arrangements.
- Removable of Melba/debris/Waste materials/etc. from the Construction site and its surrounding to a location outside the campus. The removed materials shall be transported and disposed of at a government-approved disposal site, ensuring compliance with local waste management guidelines. The site shall be left clean and ready for subsequent further relaying activities. Also, the work shall be carried out in a systematic and professional manner, minimizing environmental impact and ensuring safety compliance.
- The supply of Gym equipment/ machineries and furniture are not in scope of bidder.
- Other relevant works which are essentials to make the Gym and Toilet facilities complete in all respect
- The details of water demand including Pumps & fittings to make the building functional.

WATER DEMAND SHEET INCLUDING PUMPS AND FITTINGS

SN	DESCRIPTION	Water Demand
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1	GROUND FLOOR Occupancy 225 Persons & water requirement @ 45 lpd/person	10125 lpd
	Track 100 pax	4500 lpd
	TOTAL DAILY WATER REQUIREMENTS	14625 lpd (Say 15000 lpd)
2	Under Ground RCC tank	
a	Under Ground RCC tank cater water demand of 18,000 liters (includes 18,000 liters for Raw water and 20,000 liters for treated water) as per the standard norms <ul style="list-style-type: none"> ● Lifting pump of require capacity – 2 nos (1 duty & 1 standby) to fill overhead tanks ● Other pumps of required capacity and accessories for water softener ● Pipes, valves, electric panel, connections etc. Automatic stop valves, alarm system etc. to prevent the wastage of water.	18000 LTRS
	NOTE : Both above Under Ground Tanks shall be constructed as monolithic structure including Pump House at the bottom level of Tank. Mumty and stair case will be provided to give access to the pump house.	
	Terrace water tank requirement 75% of 18000 including following pumps and accessories for water supply in each area of building and make the system functional: <ul style="list-style-type: none"> ● Booster pumps of required capacity- 2 nos (1 duty & 1 standby) to fill over head tanks with flow rate 3.5 Liters/ sec, maximum opeating pressure 2bar with power consumption of 2.5 – 3.0 KW ● Pipes, valves & pressure vessels, electric panel, connections etc ● Automatic stop valves, alarm system etc. to prevent the wastage of water. Note: 3 nos vertical 5 layer polyethylene tank WITH UV protection each of 5000 liters of (make:- Sintex / Plasto/ Supreme) shall be provided	13500 LTRS (Say 15000 LTRS)
	Terrace Fire tank including following pumps and accessories for fire fighting works as per the NBC norms and Local Fire Department <ol style="list-style-type: none"> 1- Fire pump (450 Ltr. /Min.) = 2 nos. (1 duty & 1 standby) 2- Pipes, valves, Electric Panel, connections, civil structure for Terrace Tank, Pump etc. including automatic operation of fire fighting system. 	If required to be provided as per NBC

B. ELECTRICAL WORKS

Work include Supply, Installation, testing & commissioning of:

- HT Panel (VCB) As/suitable load keeping in mind future expansion on first floor.
- Main LT panel, Capacitor panel of As/suitable load keeping in mind future expansion on first floor.
- HT panel at existing sub station or existing HT line of State Department/ SAI
- Laying of HT and LT cable of suitable size as per voltage drop calculation and CPWD /IS specifications.

- Outdoor/Indoor L.T. PANELS, floor distribution panels, AMF Panel, Emergency Panel, External Lighting Panel, Pump Starter Panels, AC Panel, UPS Panels.
- The new electrical panels of suitable load to be connected to the existing panels in the JLN campus as per the direction of EIC/SAI.
- The required DG load to be connected to the existing DG unit in the JLN campus as per the directions of EIC/SAI.
- All civil works of cable trenches including excavation, sand cushioning, protective covering & refilling the trench, Hume pipes at crossing at the time of laying of any type of cables for external electrical works
- All conducting, cabling/wiring works from main LT panel, D.G. set to Sub Panels to Distribution boards to Electrical Fittings complete in all respect.
- Connection of building through HT line, HT Panel from existing sub station of JLN OR from existing HT line of State Government.
- MCB Distribution Boards including MCB, RCCB.
- Light Fixtures, floor points, switch sockets, fans, exhaust fans, fan regulator.
- TV & Telephone point & Conduiting and wiring up to Junction box/Tag Block
- Data / LAN network and cabling.
- EPABX system including all telephone instrument, cabling and other equipment necessary to run the system.
- External Lighting including civil works, GI electric Poles, cabling, lighting fixtures, accessories. (Minimum 4 nos. GI electric Poles)
- Geysers in all bathing area of 25 liters capacity – 8nos. (5 Star rating)
- Lighting protection system
- Earthing
- Safety equipment
- Other equipment which are necessary to make the electric system function able as per the standard norms.
- Floor points of required value to be provided at every 1-2 sqm as per requirements/ as per size.
- HVAC system including VRV outdoor and indoor unit (fixed in false ceiling), piping, ducting and required accessories:

The scope comprises supply, installation, testing commissioning of air-conditioning by VRV/VRF system. The system to facilitate the operation & control of individual room. Thereby the operation of indoor & outdoor units is minimized. The Inverter based Scroll Compressors/Digital Scroll compressor which has higher EER are employed in the VRV/VRF systems ensure trouble free operation. The drain point of each unit shall be connected to the common drain point. Proposed AC system will be microprocessor controlled inclusive of safety factor & gadgets.

All expose pipe to be covered with race way or heavy duty flexible pipe for protection. Special precaution to be taken while, installing of the drain piping. The contractor shall be responsible for any leakage / seepage due to poor installation of HVAC drain till the guarantee period. Drain point to be tested for 24 hours after blocking one end. Drain piping will be plugged at both ends by appropriate method after completing the drain test to avoid chocking due to foreign material.

Toilet area proposed with extract air duct work system, duct works shall pass through the allocated shaft to the roof and connected to roof top extracted air fan

HVAC LOAD SHEET

When the outside temperature is 50°C, the indoor temperature within the facility shall be maintained at 22°C under full occupancy conditions of 225 persons.

No. Of air changes to be 4 to 5 per hour.

The table has to be detailed out by the contractor.

S.N.	LOCATION	AREA (SQM)	COOLIN G LOAD)TR	TYPE OF SYSTEM
(A)	Ground floor			
1	Entrance Lobby	8		VRV/VRF
2	Exercise Area	432		VRV/VRF
3	Equipment Handling Room	45		VRV/VRF
4	Male Toilet (inside gym)	78		28CFM VENTILATION
5	Female Toilet (inside gym)	63.3		28CFM VENTILATION
6	V.Male Toilet (inside gym)	71.4		28CFM VENTILATION
7	V.Female Toilet (inside gym)	63.4		28CFM VENTILATION
	TOTAL	786.5		

ELECTRICAL LOAD CALCULATION SHEET

LOCATION	Entrace Lobby	Equipment Handli ng Room	Exercise Area Cir culation	Warm up & Traini ng	Strength Training	Mechanics Area	Cardio Area	Heavy Weight	Male Toilet (inside gym)	Female Toilet (insi de gym)	V. Male Toilet	V. Female Toilet
	Ground Floor											
UPS Point (2 nos. 6 Amp.Sw itch and sockets)	2	2	2	2	2	2	2	2				
CEILING FAN 900/1200 MM (as drwaing)		3	5	8	5	6	4	4	4	4	4	4
EX. FAN									2	2	2	2
32 A Floor Points	45 (taking at every 1m2)											
32 A SWITCHED SOCKET O UTLET(Geyser)									2	2	2	2
6/16A SWITCHED SOCKET OUTLET (Raw)		2	2	2	2	2	2	2	2	2	2	2
6A SOCKET OUTLET WITH S WITCH	2	10	10	10	10	10	10	10	10	10	10	10
6/16 or 32A RAW POWER S OCKET OR AC	As per VRV Indoor/AC Equipment location											
10W wall mounted LED Tu be		4	4	10	5	8	5	3	2	2	2	2
Mirror Light									15			
12W surface/Recessed mo unted round light	4	20	100						20	22	20	22
20W wall /ceiling mounted LED Tube		5		60					2	2	2	2
40W/42W ceiling mounted LED Tube		2		20								
150W ceiling mounted LED Tube		1		5								
TELEPHONE OUTLET	3											
TV OUTLET	8											
DATA OUTLET	10											
Street Light with Pole (30 W ATT)	4											
Bollard asper selection	16											
Strip light for ramps	40											
Facade Light (40 TO 50 W ATT)	30											
Occupancy sensor									9	9	6	6

Note: Above points considered in the list are as per minimum requirement. No extra will be paid to the contractor if any additional points needs to be provided as per requirements / EIC/SAI.

C. IMPORTANT POINTS

- Work include Supply, Installation, testing & commissioning of: The location of proposed building may be changed as per direction of SAI. The location of UG Tank, RWH other amenities pit may be changed as per site condition.
- The plinth level of building shall be 0.30m from the finished paving level which is as/site above the existing nearby road level of the JLN campus or as decided by the Engineer- in –charge.
- The clear height between the floor finish level up to bottom level of false ceiling will be 4.2 meter at Ground Floor and RCC column free hall is to be constructed with heavy beam or waffle beam & column including tie beams. Hence bidder are advised to quote accordingly.
- 1 Nos. of Bore well/ tube well shall be executed by the contractor. The Contractor shall take necessary approvals/ clearances from the concerned authorities at his own cost if required. The statutory fees deposited towards the above works shall be reimbursable to the Contractor subject to the submission of original receipt of the deposited fees from the department and no extra amount shall be paid to the Contractor. The contractor while quoting the cost for the work may consider the depth of bore as 300 meter and minimum diameter of bore as 200mm.
- The building is to be constructed inside the JLN campus, other facilities may surround proposed site where building is to be constructed. Contractor is advised to confirm the same during site visit. The safety & security of these facilities/buildings/properties/ roads is solely the responsibility of the Contractor during the excavation and execution of the project. The Contractor will consider all safety measures & make use of latest technology, to ensure the same, and quote the cost of the project accordingly. If any damage occurs to the buildings/properties/ roads during the execution of the project, the same will be rectified or will be newly built by the Contractor at his own cost.
- If any existing services lines (i.e., fire line, electric lines, telephone conduits, sewer lines, gas pipelines, water pipelines and other cables/lines) passing thorough the area of proposed building and appear during the excavation below ground level, will be diverted/rerouted by the Contractor at his own cost. Therefore, Contractor is advised to assess the same during site visit from the concern departments / SAI office and quote the cost accordingly. If any damage occurs to the existing services .
- The contractor must take up all the additional works without any dispute/ claim which are essential to make the project habitable, if directed by SAI.

D. DETAILED SPECIFICATIONS OF WORKS

The detailed specifications of works for the fast-track building are given below, which shall be executed by the Contractor as per the latest CPWD standard norms and technical specifications of works. However, in case of any discrepancy between the detailed specifications mentioned below and the site requirements or bidding documents, the final reference shall be the approved drawings or as instructed by the Engineer-in-Charge.

SN.	Particular	Specification
1.	Site	<p>Site / Jungle clearance, demolition of existing structures on site, required levelling, dressing, cutting, filling upto plinth level and approach road upto construction site, barricading surrounding to construction site to isolate site from running campus of JLN Campus New Delhi.</p> <p>Relocation of underground services like electric lines, fire-fighting lines, telephone conduits, sewer lines, gas pipelines, water pipelines and other cables/lines etc as per requirements/ as per drawings. To avoid running services/disconnections during levelling/excavation & execution of the building.</p> <p>Do not disturb or interfere with any existing underground services at the site.</p>
2.	Excavation	Earth work in all kind of soil/semi rock/ hard rock upto required depth as per the approved Drawings including de- watering.
3.	Anti-Termite Treatment	
	Pre Anti- Termite Treatment	After excavation for foundation, below PCC level by Diluting and injecting chemical emulsion @ one liter per hole, 300 mm apart including drilling 12 mm diameter holes With Chlorpyrifos/Lindane E.C. 20% with 1% concentration from specialised agency with 10 years warranty period
	Post Anti Termite Treatment	After earth filling at plinth level, below PCC of flooring by Diluting and injecting chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes with Chlorpyrifos/ Lindane E.C. 20% with 1% concentration from specialized agency with 10 years warranty period
	Peripheral Post Anti-Termite Treatment	Along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm to a depth of 300mm with Chlorpyrifos/ Lindane E.C. 20% with 1% concentration from specialized agency with 10 years warranty period.

4.	Substructure and superstructure	<ul style="list-style-type: none"> ● Depth and type of foundation as per the structural requirement/ design and soil investigation. ● Design as per IS Codes and as per Earthquake-seismic Zone-4 Compliance. ● Structural load will be as per Standard IS Codes Required design Mix as per the structural requirement/ design and approved drawings. ● RCC grade slab at Plinth level as per structural requirements. ● hybrid / RCC and steel structure/PEB structure with approved finish. ● Shuttering and scaffolding for RCC works ● RCC Under Ground with all necessary connections ● Construction/ expansion joints between RCC members by PVC Water stops confirming to IS: 12200 along with machine moulded Aluminium sheet for horizontal and vertical joints (80 to 300mm size) and filler materials to make joints 100% leak / water proof by the product of ● SIKA, BASF, FOSROC
	Steel Framing structure	<ul style="list-style-type: none"> • Primary members fabricated from Plates and sections with minimum yield strength of 345 MPA or to Suit design by continuous welding. • Secondary members for Purlins and Girts shall conform to the physical specification of ASTM A570 (Grade 50) or Equivalent IS Standards having a minimum yield strength of 345 MPa. • Rod/ ANGLE bracing shall conform to the Physical specifications IS 2062. • All hot rolled sections shall conform to the physical specifications 2062. All other miscellaneous secondary members shall have minimum yield strength of 250 MPa. • Purlins shall be of Pre-Galvanized steel of 345 MPa having a coating of thickness 275 GSM. • Roofing sheet • Sheeting fasteners: Standard fasteners shall be self-tapping Zinc plated metal screws with EPDM bonded ZINC plated washers. All screws shall be color coated to match roof and wall sheeting. • Sealer: This is to be applied at all the side laps and end laps of roof panels and around. Sealer shall be pressure sensitive elastomeric Butyl tapes. The sealer shall be non-plastic, non- shrinking, and non –toxic and shall be superior adhesive metals, plastics and painted at temperatures from 51 to 104 Degree Centigrade.

		<ul style="list-style-type: none"> • Closures: Solid or closed cell closures matching the profile of the panel shall be installed along the eaves, rakes and other location as specified in the drawing. • Flashing and Trim: Flashing and trim shall be furnished at the rake, corners, and eaves, framed openings, and wherever necessary to provide weather tightness and finished appearance. Color shall be matching with the color of wall. Materials shall be conforming to the physical specifications of sheeting. • Gutter and Down spots: Gutters and Downspouts shall be adequately designed to ensure proper roof drainage system. Gutter shall be in 0.5 mm thk Color galvalume sheets matching with wall cladding system as per tender drawing. Numbers & sizes of down take pipe will be as per tender drawing. Down spouts will be Color Gal Downspouts up to 1.50 m below FFL. • Site connections: All primary bolted connections shall be provided with galvanized high strength bolts, washers, nuts conforming to specification of ASTM A325 or equivalent. All Secondary Bolted connections shall be furnished with Bolts, Nuts, Washers, conforming to the specifications of ASTM –A307 or equivalent • Shop connections: All shop connection shall be welded with appropriate arc welding and shall be in accordance with AWS as appropriate. The webs should be welded on to the flanges at both the faces at top and bottom of columns, beams and any other sections. • Holing: All holes shall be made at right angles to the surface of the member. Holes shall be clean cut without any torn or jagged edges. Holes shall be done by drilling. Punching shall not be resorted to, unless previously approved by the Engineer. In any case, punching of holes in materials having a thickness in excess of the connector diameter, or, for materials thicker than 16mm, the hole shall be punched 3mm less in diameter than the required size and then reamed to the full size. Holes shall not be formed or enlarged by burning or gas cutting under any circumstances.
	Roofing	<p>Providing and laying composite deck slab over steel structure using 1.0 mm thick galvanized steel decking sheet with 19 mm dia x 100 mm long shear studs, 10 mm dia reinforcement mesh @250 mm c/c both ways, and additional top reinforcement as per design. Concrete topping of M25 grade with minimum 125 mm thickness and elastomeric/neoprene/polymer based</p>

		waterproofing (1.5 mm DFT) to be applied over finished surface, complete as per specifications.
5.	Reinforcement	Thermo-Mechanically Treated bars of 500 D or more grade
6.	WALLS & DRY WALL PARTITION	
	Structure and external walls	<p>Hybrid / RCC and steel/PEB structure with filler walls in AAC blocks of 200mm thickness/brick (with 2 Nos. 6mm dia bars at vertical spacing of 1 meter) / flyash bricks of 200/ 230 mm thick with chemical in cement mortar 1:4 with intermediate columns wherever necessary. 2 Nos. 6mm dia bars at vertical spacing of 1 meter and bands at Sill level and lintel level shall be provided.</p> <p>Non-Modular Bricks with common burnt clay F.P.S. bricks of class designation 7.5 in all shapes and sizes only in case of Specific requirement of work as per technical requirement, if any loading due to hanging of equipment as specified in approved drawings.</p> <p>NOTE: Ledge walls shall be constructed up to 1.5 meter high where WC/ Urinals / Wash basin and other loading equipment are to be installed as specified in approved drawings.</p>
	Glass Facade Glazing	Supply, fabrication, and installation of an aluminium/UPVC-framed glazing system with high-performance double-glazed units (DGU) for the building facade, designed for optimum thermal insulation and maximum heat repulsion as per drawing / as per Engineer in charge.
	Internal Partitions	<p>Internal partition 100/ 115 mm or 200/230 mm AAC blocks/ fly ash bricks / Bricks in Cement mortar 1:3 including providing & placing 2 Nos. 6mm dia bars at vertical spacing of 1 meter and bands at Sill level and lintel level shall be provided.</p> <p>Non-Modular Bricks with common burnt clay F.P.S. bricks of class designation 7.5 in all shapes and sizes in case of Specific requirement of work.</p> <p>The thickness of internal walls shall be 200/ 230 mm where doors are to be fixed as specified in approved drawings.</p> <p>Providing Chicken Mesh at the joint of concrete and Brick work/ AAC blocks/Flyash bricks at the time of execution of masonry/ plaster work to avoid the cracks in plaster.</p> <p>The flexible filler material as approved by engineer-in-charge will be filled between bottom of beam and top of masonry wall to avoid horizontal cracks on plastered surface, as per the technical requirement.</p>
	Dry Wall Partitions	MGO/ Cement board/PVC board/Gypsum board partition having 75 mm overall thickness with 12.5 mm thick double skin fire rated Glass Reinforced Gypsum (GRG) plaster board having adequate insulation filling material including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/ sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal

		flanges of 32 mm and 0.50 mm thick conforming to IS: 2095: (part 3) : 1996 (Board with BIS certification marks) or equivalent as specified in approved drawings/ as per the decision of EIC
7.	PLASTERING, PAINTING AND FINISHING	
	Internal	<ul style="list-style-type: none"> ● 12/ 15 mm thick plaster in cm 1:4 over dubbing coat on uneven surface and finishing in even & smooth finish above skirting / dado on walls and ceilings with providing Chicken Mesh at the joint of concrete and AAC Blocks/ Brick work. ● Internal walls and ceiling 2 mm or more thick (to maintain plumb) with PoP and putty over plastered surface. ● 1st Quality Acrylic emulsion paint (washable) with 2 or more coat. ● Synthetic Enamel paint on all steel work after primer coat. ● Oil bound distemper (2 or more coats) in Kitchen/ Pantry (i.e. wet areas) and service area. ● ACP cladding/Tile cladding/PVC cladding on the walls upto a height as specified in the approved drawings/As per the decision of EIC of areas such as Toilets, changing room, Locker area and other areas as per the decision of EIC/as per approval. <p><u>Important Note:</u> Contractor shall carry out the work of minimum 12mm thick plaster in cement mortar 1:4 and painting in the ceiling areas and side walls above the false ceiling level, wherever false ceiling is to be installed, as per drawings or as per instructions of the Engineer-in-Charge.</p>
	Gym (Exercise area)	<ul style="list-style-type: none"> ● Acoustic Insulation on the interior side of the external walls of the hall along with framing complete (including all screws, filler material, other fixing items, framework, etc.) to minimise echo-effect of sound & sound transmission. Exact specification of Framing, insulating material and finish item to be provided by the contractor as per requirement and approved by EIC/client/architect.

	External	<ul style="list-style-type: none"> ● Fine quality Exterior weather shield paint with smooth base OR textured (as finalized by client) water proof putty in panels with groove all around as per approved pattern, Forming groove of uniform size from 15x10 mm as per approved pattern/colour in various areas as specified in approved drawings ● Sports playing art logos/ wall art as per the approved drawings, embossed over the finished textured paint surface. ● ACP sheet cladding/metal sheet cladding on exterior facade as per detailed architectural drawing / as per Engineer-in-Charge. ● Slate tile cladding with a thickness of 10-15mm on exterior walls as per design finalized and approved drawings. ● Structural Glazing as per approved drawings. ● Vision glass panel in staircase area as per DSR and as per approved drawings. ● GRC/GRG/Aluminium Jaali with proper bird restriction on exterior walls as per design finalized and approved drawings. Note: The wall behind the GRC jali will have 15mm plaster and finished with putty & Exterior weather shield paint with smooth base. ● Others which are not mentioned above and are in approved drawings
	Painting For Structural Steel Work	<p>The cleaning and painting specifications for the structural steel work shall be as follows:</p> <ol style="list-style-type: none"> a. One shop coat of Zinc Chromate Primer of total thickness of 35DFT b. Two Coats of Synthetic Enamel paint of minimum 50 DFT of approved color code as the final finish in which one coat is to be applied at shop and the last coat is to be applied after erection or alternately both the coats to be applied at site before erection. c. These painting shall not be applied manually and should be spray one.
8.	FLOORING/ DADO/ SKIRTING/ SILL	
	Flooring and skirting at Ground: Entrance Lobby as specified in the approved drawings	<p>Flooring: Double-charged non-slippery or anti-skid Vitrified tiles of size 600 x 600/Epoxy flooring as specified in approved drawings</p> <p>Skirting: 100 mm high skirting over 10 mm thick screeding CM 1:4. Of Double charged Vitrified tiles.</p>

	<p>NOTE: Granite and tile flooring shall be laid over well compacted earth with brick bed, then Anti termite treatment, then 100mm thick well compacted sand cushion, then 100mm thick PCC (1:4:8), then cement mortar below flooring.</p>	
	<p>Flooring :</p> <p>Gym</p>	<p>Flooring: PU flooring/Rubberised flooring having a minimum thickness of upto 40 mm thick with technical specifications of anti-slip performance, fire proof, Odour less, non-toxic and durable make of one, two or more colour in combination and designing pattern as specified in approved drawings. Contractor will submit sample of reputed brand for approval.</p> <p>NOTE: Rubberized flooring will be strictly of top brand with highest standard/quality as decided by the Client, hence bidder is advised to quote the cost accordingly.</p> <p>Skirting: 150 mm height 16mm thick pre polished Granite/vitrified tiles with top edge moulding as per the approved drawings/EIC..</p>
	<p>Flooring and Dado:</p> <p>All Toilets</p>	<p>Flooring : sand blasted granite stone/ anti- skid ceramic glazed tiles of size 300 x 300 mm/Epoxy flooring as per approved make & colour as per approved drawing as per EIC's approval.</p> <p>Wall Cladding : Full height ceramic tiles of 300 x 300 mm in combination of High Lighter Tiles as per designing pattern upto false ceiling level/ACP Cladding/PVC cladding/ Metal cladding as specified in approved drawings as per EIC's approval.</p> <p>Note: During the execution of floor work of Toilets / wet area spacers must be provided between the tiles and this gap must be filled with epoxy grouting. The 100% care of slope towards drain must be maintained to drain our water immediately.</p>
	<p>Flooring : Ramps & entrance steps area</p>	<p>Flooring & Skirting : Non- skid/ flamed 18 mm thick Granite stone Flooring with 100 / 200 mm skirting laid over 20mm screed in cm 1:4 along with SS-304 grade railing along with tactile tile flooring as specified in approved drawings as per EIC's approval.</p>
	<p>Flooring and skirting:</p> <p>Staircases if any</p>	<p>Flooring: 18 mm thick with combination of flamed and polished Granite stone (single piece) on tread & black granite riser with proper edge moulding with double piece joint, nosing and polishing with the arrangement of anti-skid grooves (minimum 3 grooves) as specified in approved drawings.</p> <p>Skirting: 16 mm thick pre polished granite stone 0.90meter High Skirting over 20 mm thick screed in CM 1:4 Skirting with top edge moulding along the full length of stair case.</p>
	<p>Terrace Flooring and skirting</p>	<p>Flooring: Reflective tiles/Cement tile having anti-slip property laid over required thickness of screed in CM 1:4 over RCC / brick surface as per approved drawings, as per EIC</p> <p>Skirting: 100 mm high tile skirting over 10 mm thick screed in CM 1:4. as specified in approved drawings</p>

	SILL :Windows sill, balconies sill, top of parapet wall and all other sills of building	18 mm thick polished Granite stone with proper edge moulding/nosing and polishing as specified in approved drawings
9.	FALSE CEILING	
	All Common toilets	<p>Providing and fixing GI Clip in Metal Ceiling System of 600x600 mm module along with moisture-resistant false ceiling/waterproof gypsum board ceiling as per drawings/EIC.</p> <p>Metal Ceiling System includes providing and fixing 'C' wall angle of size 20x30x20 mm made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm center to centre, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centers with help of suspension brackets. Wherever the main C carrier and spring T have to join, C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both side inclusive), fixing with clip in tiles into spring T with GI Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of G I sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, as specified in approved drawings.</p>
	Gym (Exercise area) and Entrance Lobby	<p>False ceiling will be in combination of Perforated Gypsum plaster board and Gypsum perforated tiled/mineral fibre tile/ACP as per following details.</p> <ul style="list-style-type: none"> ● Fully Perforated Gypsum Plaster Board of size 1200 x 2400x12.5 mm having approx. 15 % perforated area with perforation size and pattern with all 4 side tapered and backed by acoustical tissue with NRC value not less than 0.60 as specified in approved drawings. ● Providing and fixing 16mm thick beveled tegular MINERAL FIBRE TILE FALSE CEILING WITH BLACK GROOVE GRID of approved materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner to form black grooves grid with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false

		ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanized butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as specified in approved drawing.
10.	Windows with frame and shutter	
	Factory Made : 3 track sliding uPVC window with Double Glass Unit (1 fixed Double Glass Unit panel + 1 movable Double Glass Unit panes + 1 movable wire mesh panel) and fixed Double Glass Unit ventilator on top	<p>Providing and fixing factory made uPVC of approved colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM, gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved shop drawing</p> <p>Note:</p> <ol style="list-style-type: none"> 1. uPVC window will be fixed by the well trained engineer of manufacturer 2. Contractor shall provide <ul style="list-style-type: none"> ● 450 mm Lintel Projection/ Sunshade where boxing / vertical fins are not coming. ● In other uPVC windows fins / boxing (size 250 x 150mm) <p>designer mild steel grills for all uPVC window as specified in approved drawings.</p>
	Ventilator with fixed glass on top with an openable shutter below	<p>Providing and fixing factory made uPVC of approved colour casement/casement cum fixed glazed windows comprising of uPVC frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length uPVC extruded glazing beads of appropriate dimension, EPDM, asket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per</p>

		approved shop drawing. NOTE: Manufacturer will provide cutting in fixed glass panes for exhaust fans at the place wherever required
11.	DOOR FRAME, GLAZING, SHUTTERS, FITTINGS & FINISHING	
	Door Frame & finishing: All doors attached to dry wall partitions	Kiln seasoned and chemically treated hollock wood frame or Sal wood frame to be fixed in position with hold fast lugs or with dash fasteners or any other specific fixing technique as required of appropriate dia. & length. For size and details of the frame approved architectural detailed drawings to be referred.
	Door Frame & finishing: All doors attached to masonry work	Second class teak wood or Sal wood frame to be fixed in position with hold fast lugs or with dash fasteners or any other specific fixing technique as required of appropriate dia & length. refer approved architectural detailed drawings to be referred.
	Doors shutter & finishing: All Doors of the building	35 mm thick flush door shutter fixed with all around wooden beading minimum 25 mm depth and front side 1.0 mm thick laminated and back side 0.5mm thick laminate sheet as per detailed architectural drawing.
	Door Fittings & Accessories: All Fittings & accessories for all doors	Stainless Steel heavy duty Matt finish such as Hinges, tower bolt 8 inches and 6 inches, Mortice Lock (Basic min. MRP. Rs. 3500/-), door Stopper, rubber spacer etc. and fitted by SS Screws only for all shutter / flush door.
	Reception/ Entrance	Full size Double door of toughened glass 12mm thick with partial frosted privacy film, stainless steel floor spring and all fittings with surrounding fixed 12mm thick toughened glass glazing in Alum./uPVC frame as specified in the approved drawings.
	Glass Facade Glazing	Supply, fabrication, and installation of an aluminium/UPVC-framed glazing system with high-performance double-glazed units (DGU) for the building facade, designed for optimum thermal insulation and maximum heat repulsion as per drawing / as per Engineer in charge.
12.	FIRE DOORS	Standard quality Fire door on each staircase of each floor in combination with glass and as per NBC fire safety norms and drawings approved and issued by SAI.
13.	Parapet wall / RAILING	
	Staircase Railing	Designed Stainless steel railings (Grade 304) in Staircase.
	Parapet wall on Terrace of the complete Fitness centre/Gym Building wherever required.	1200mm high 230 mm thick brick wall with Granite finish with edge moulding at the top as specified in approved drawings/as required/as per the direction of EIC
	Parapet wall on top of Mumty	650mm high 230 mm thick brick wall as specified in approved drawings/as required/as per the direction of EIC
14.	ALL TOILETS	
	Counters	18 mm thick gang saw cut, mirror polished, pre-moulded and pre-polished, machine cut Granite stone.

	Mirror	Frameless mirrors with SS fittings along full length of counter.
	WC in toilets (European) as per approved drawings	Wall mounted single piece European. Jaquar Cat. No (SLS-WHM-6953BIUFMS)
	Under Counter Wash Basins	Wash basin fixed with under Granite counter basin Jaquar Cat. No CNS-WHT-705
	Special Provision for handicapped bathrooms	All related fittings and fixtures as per the standard norms and Grab Bars provision
	Other fittings	As detailed in PHE works
15.	KITCHEN/ PANTRY/ STORES/ COUNTERS & SURROUNDING AREA (if any)	
	All Counters of Kitchen, Pantry, and Handwash.	18 mm thick gang saw cut, mirror polished, pre-moulded and pre-polished, machine cut Granite stone
	Shelves in different stores and below kitchen/pantry counter as per the requirement, standard and approved drawings	18 mm thick Kota stone/ white marble partition slabs with proper edge moulding and polishing
	Cupboard Shutter below kitchen/ pantry/ store, and to cover Shelves in different stores and below kitchen/ pantry counter as per the requirement, standards and approved drawings	18mm thk pvc/plyboard Cupboards with surrounding frame with all inside partition of kota stone slabs as per approved drawings with all Stainless-Steel heavy-duty matt finish such as Hinges, handles, lock, hanger rod, SS screws etc.
16.	Water proofing	
	Double layer water proofing above Plinth level	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 and mixing with water proofing material in cement concrete per 50kg work in doses by weight of cement as per manufacturer's specification over plinth beam. After that PVC membrane of SIKA/ BASF/ FOSROC make fixed with nails from sides is to be laid. The PVC membranes should hand 300 mm both sides of plinth beam
	RCC Under Ground Tank (As per requirement)	
	Water Proofing outside / inside	Kota Stone water Proofing in UG tank on Horizontal and Vertical wall at outside AND 1st quality Ceramic Glazed Wall/ Floor Tiles of Size 300X300 mm on inside Horizontal and Vertical wall
	RCC Over head Tank	As per requirement
	Water Proofing outside	Integral Crystalline Slurry in OH Tanks Horizontal & Vertical
	Water Proofing Inside	1st quality Ceramic Glazed Wall/ Floor Tiles of Size 300X300 mm on inside Horizontal and Vertical wall

	Terrace and Mumty treatment	Neoprene/polymer based waterproofing above the metal decking roofing system as per the directions of EIC. <u>Testing for water proofing : The entire surface thus treated shall be flooded with water by making kiaries with weak cement mortar, for a minimum period of two weeks</u>
	Toilets	Waterproofing by Tapcrete/other suitable material as per EIC at floor and surrounding walls in 2-3 coats as per standard norms and specification of manufacturer.
	water proofing surrounding to plumbing pipe	The contractor shall provide water proofing by SIKA Swell brand surrounding to the plumbing pipe wherever pipe passing through the slab / concrete to make leak proof.
	General	Contractor shall provide water proofing works at each wet area of building to make the building leak / seepage proof
17.	WATER SOFTENER	
		Supply Installation Testing and Commissioning of Water Softener as per the quality of available water to run the Fitness centre/ Gym Building along with all required pumps and accessories. Contractor will submit the specifications/design / shopdrawings of Water Treatment Plant OR Water Softener according to the two quality of available water and cater the water demand Fitness centre/ Gym Building for approval to SAI.
18.	PLUMBING WORK	
	Water supply pipes of required Pressure & diameter, fittings and joints	Chlorinated Polyvinyl Chloride (CPVC) for concealed works and GI for exposed works of required Pressure and diameter as per design and drawing (having thermal stability for hot & cold water supply including all CPVC plain and brass threaded fitting, valves etc. & including fixing the pipes with clamps etc) as specified in approved MEP drawings.
	Terrace water tank (Domestic water tank)	Supply, installation, and commissioning of a terrace water tank of required litres capacity— as a rectangular 5-layer UV-protected vertical polyethylene (UPVC) in modules of not more than 2000 litres as finalized and approved by SAI (the client).
	Fire Fighting Tank-Pipe Connection and fittings and joints	Galvanized Iron (GI) of required Pressure and diameter as per design and drawing
	Soil waste pipes, Rain Water Pipes, vent pipes, anti-siphonage pipes, fittings & joints	Unplasticized Polyvinyl Chloride (UPVC) PIPES of required Pressure and diameter as per design and drawing (Not less dia. of pipe 6 inch or more as per approved drawings)
	Rain Water pipe end to Rain water harvesting pit/Catch Basin Connection	RCC Pipes of required Pressure and diameter as per design and drawing (Not less dia. of pipe 6 inch or more as per approved drawings)
	Gully Trap	Stoneware pipes / DWC HDPE Pipes

	Sewer line to connect building manhole to existing sewer line	DWC HDPE Pipes
	<p>Note: The soil and waste pipe system shall be executed as "two piped system" as defined in IS:5329.</p> <p>IMPORTANT NOTE: <u>After laying and jointing of pipes for PHE works contractor shall carry out Pressure test as per CPWD Specification 2019 to check the leakage and sustainability of whole pipe network system</u></p>	
19.	Water Cooler with in-built RO (2 nos)	
	Water Cooler with in-built RO (2 Nos. on ground floor)	Procurement, Installation and Commissioning of Water Cooler with in-built RO (7 stage filtration) having storage capacity of 80 ltr with cooling capacity with comfort level of 60 LPH (water outlet temp at 17 degree Celsius +/- 1degree Celsius; operating power supply 230 +/- 10% V AC, 50 Hz, 1 PH; 2 nos. of faucets (both cold); maximum water flow rate is 50 LPH through the faucets. RO with 7 stage purifications: sedimentation, carbon block, Anti-scalant, Reverse Osmosis membranes (4 x 75 GPD rating) purification (2 per circuit), Post- carbon block purification and UV purification. Auto flushing at every start, every stop and every one hour for 1 minute. Body made up of SS 304 stainless steel material concealed type of construction. Dimension: 660 x 480 x 1355 with net weight of 73 kg; Refrigerant: R134a along with Guaranty/ warranty provided by the company and its connection with water inlet/ outlet along with all required accessories, fittings and civil works (Make: Blue Star/ Voltas/ Godrej)
20.	Bathroom Fixtures	
	C.P. pillar cock long neck	Jaquar Cat. No. CON-021 or approved equivalent make
	C.P. brass waste	Jaquar Cat. No. ALD-709 or approved equivalent make
	C.P. bottle trap	Jaquar Cat. No. ALD-769B or approved equivalentmake.
	Urinal	Senso urinal HSI.Cat. No. 60018 or approved equivalentwith C.I. hangers with built-in electronic solenoid valve operated auto flushing system complete with all electrical works required for completion of work with all required accessories.
	C.P. brass Bib Cock (Straight Line Model) With Wall Flange	Jaquar Cat NO. FLR-5047N or approved equivalent
	C.P. brass Bib Cock with wall flange	Jaquar Cat NO. OPL-15037 or equivalent make
	C.P. pillar cock as per requirement of client	Jaquar Cat. No. PRS-CHR-031L65 or approved equivalent make
	Single bowl with single drain board	940mm x 465mm x 178mm deep JAYNA JUPITER Cat. No. SBS02 or approved equivalent with CP brass mixing fittings Jaquar Cat. NO. 309 or approved equivalent
	C.P. brass towel ring	JAQUAR Cat No. ACN-1121N (CONTINENTAL SERIES) or approved equivalent complete with C.P. brass bracketsfixed to rawl plug of approved design with C.P. brass screws

	S.S. hinged grating	1.5mm thick with frame (Neer Cat. No. - NRG 7006 or equivalent make CHILLY-CRG-R-127 (Square Classic)/JAYNA NEW HEAVY GRATINGS Cat. No. NHG 140 or approved equivalent
	Robe hooks,	JAQUAR Cat. No. 1161 or approved equivalent make
	Glass Bottle Liquid SoapDispenser	JAQUAR Cat No. ACN-1135N Make or approvedequivalent
	CP wall mixer non telephonic type	Jaguar Cat No. CON-CHR-219KN or approved equivalent
	shower rose with shower arm	Jaguar Cat No. OHS-1989 & SHA-477 or approved equivalent.
	Health Faucet	JAQUAR Cat. No. 573 (ALLIED SERIES) or equivalent make
	soap dish	Jaquar Cat. No. CAN-1131N or approved equivalent
	Towel Rail	24" JAQUAR Cat. No. ACN-1111NM or approved equivalent
	concealed stop cock	Jaquar Cat No. CON-089KN or approved equivalent
	Angle Valve with C.P. brass connection pipe	15mm C.P. brass Angle Valve with C.P. brass connectionpipe Jaquar Cat No. CON-053KN & ALD-803B or equivalent make
	Toilet Paper Holder	JAQUAR Cat. No. ACN-1151N or equivalent make
	Kitchen Sink and fittings	SS Sink of required size along with all fittings as specified in the drawings
21.	LAYING OF GRASS	
	Laying of Grass (if required)	Providing & laying Selection no. 1 grass turf with earth 50mm to 60mm thickness including preparation of ground with proper level and ramming with required tools wooden and then rolling; Fine dressing of the ground; laying of required good earth; Spreading & mixing of sludge, manure with good earth.
22.	PAVER BLOCKS	
	Paver Blocks (Qty-as per drawing)	Providing and laying factory made 60mm thick C.C. paver block surrounding to hockey field and in the area of dugouts of M-35 grade, coloured chamfered edge Cement Concrete paver blocks of required strength, thickness & size/shape, approved colour, design & pattern made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of fine sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with jamuna sandoad and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in footpath, parks, lawns, drive ways or light traffic parking etc. complete as per manufacturer's specifications & direction of Engineer-in- Charge. The paver block will be laid over compacted first layer of earth subgrade, second layer of 75mm thick GSB, third layer of 75 thick PCC and 4 th layer of 50mm thick Sand bed then Paver block. factory made kerb stone of M-25 grade cement concrete shall be provided with paver blocks in position to the required line, level and curvature, jointed with cement mortar 1:3 including making joints with or without grooves.

23.	VERTICAL BLINDS	
	Vertical blinds	Vertical blinds made up of Linen/Fibreglass/ Polyester of required size with daylight/blackout feature in dyed/pigment or Acrylic scrape coating colour approve and Pattern of the blind to be jacquard, printing, blackout, plain, etc including Control Unit, Idler, Head Rail, Roller Tubes, Operating Chain, Fixing Brackets & Clamps, Bottom Rail, . Blinds to provide ideal protection from ultraviolet rays , with antimicrobial properties preferably with Microban, Flame retardant fabric and ensures the security having low maintenance, durable, reliable, user friendly and to be customized as per the interior of the room, texture, Color, shade, etc as per shop / approved drawings for all windows of Proposed Building
24.	MOVABLE PARTITION WALL PARTITION	
	Wall Partition	Supply and Installation of top hung, Heavy duty, foldable, movable acoustic partition wall 85mm thick, in fill acoustic insulation, aluminium frame with outer finish of raw HDF / Mica lamination/ fabric (as selected by SAI) for full height up to false ceiling in 3 parts
25.	FIRE FIGHTING	
	Fire Hydrant System: (2 sets)	1 set of Fire hydrant system consist of following (including necessary fixing arrangement, piping from fire tanks, required accessories, valves, fire hose cabinet with doors etc as per NBC (National Building Code) and local fire Authorities) 1- First aid Hose Reel=1 no. 2- 15 mtr. Long canvas hose with coupling =2 nos. 3- Branch pipe=1 no. 4- Fire man's axe= 1 no. 5- Portable fire extinguishers (6 K.G. ABC Type and 4 KG CO2 type) = 2 nos.
	FIRE EXTINGUISHERS (as per approval)	ABC powder stored pressure type fire extinguishers consisting of welded MS cylindrical body, squeeze lever discharge valve fitted with pressure indicating gauge internal discharge tube, 30 cms long high pressure discharge hose, discharge nozzle, suspension bracket, conforming to ISI finished externally with red enamel paint and fixed to wall with brackets completewith internal charge. Capacity 6 kg. IS 13849. The nos. of fire extinguisher will be as per the latest NBC norms.
	FIRE EXTINGUISHERS (as per approval)	Carbon-di-oxide fire extinguishers consisting of welded M.S cylindrical body, squeeze lever discharge valve fitted with internal discharge tube, 30cms long high pressure discharge hose, discharge nozzle, suspension bracket, confirming to IS: 934 finished externally with red enamel paint and fixed to wall with brackets with rawl plug/dash fasteners complete with internal charge. Capacity 4.5 kg. I.S.I. Marked. Thenos. of fire extinguisher will be as per the latest NBC norms.

	Fire Alarm System (Automatic cum Manual)	Intelligent, addressable, automatic and manual Fire Alarm system for complete building including photo thermal detectors, response indicators, fault isolators, duct detectors, aspiration detectors, beam detectors, MCP, Hooters, control panels etc. complete with piping, wiring etc. as per NBC (National Building Code) and local fire Authorities.
26.	CCTV: Supply, Installation, Testing & Commissioning of CCTV camera works including 2 year comprehensive AMC from the date of competition	
	<ul style="list-style-type: none"> ● 2 MP IP Indoor Dome Network High quality imaging with resolution Efficient H.265+ compression technology Clear imaging even with strong back lighting thanks to DWDR technology Water- and dust- resistant (IP67) EXIR 2.0: advanced infrared technology with Ion ,1/2.8" progressive scan CMOS,DWDR Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360° (Make: CP-Plus/ Honeywell/ Dahua)- Qty. 54 nos ● 2 MP IP Network Low-Light IR Outdoor Bullet Camera, 20 to 25 m, 1/2.8" progressive scan CMOS 3D DNR 1920 × 1080@30fps Up to 30 m IR range 2.8 mm/4 mm fixed lens IP67 (Make: CP-Plus/ Honeywell/ Dahua):- Qty. 10 nos ● 55" 4K Smart Crystal UHD TV with screen resolution 3,840 x 2,160, 220-240 V/50/60 Hz, Crystle display, 20W speaker output, 2 USB ports, 3 HDMI ports, Bluetooth , Wi fi, LAN Port , Mobile to TV Mirroring connectivity, operating system Tizen, Google Assistant. (Make: Samsung/ Sony- as prfered by SAI) ● NVR to support minimum 32 cameras and shall support min 5 clients. This access and control via your mobile phone. CP/IP, DHCP, HIK Cloud P2P, DNS, H.265/H.265+ SATA interfaces Capacity Up to 6TB capacity for each HDD, , RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface, 1920 x 1080/60Hz, 1280 x 1024, Incoming bandwidth256 Mbps, Outgoing bandwidth160 Mbps (Make: CP-Plus/ Honeywell/ Dahua):- Qty. 2nos. ● 24 Port POE switch 12 10/100/1000BASE-T PoE ports 12/100/1000BASE-T ports 100W PoE power budget Supports IEEE 802.3 at PoE Innovative D-Link Green energy saving features (Make: D-link/ Netgear/ Hikvision) :- Qty. 2nos. ● 16 Port POE switch, 16 × 100 Mbps PoE ports, and 2 × 1000 Mbps 100 Mbps network access. Up to 250 m transmission distance. IEEE 802.3, IEEE 802.3u and IEEE 802.3x standard (Make: D-link/ Netgear/ Hikvision) :- Qty. 2nos. ● 8 Port POE switch 100 Mbps PoE ports, and 2 × 1000 Mbps combos. 100 Mbps network access. Up to 250 m transmission distance. IEEE 802.3, IEEE 802.3u and IEEE 802.3x standard (Make: D-link/ Netgear/ Hikvision) :- Qty. 4nos. ● Surveillance Hard disk - 6TB, SATA ATA 6Gb/s Buffer Size64 MB MTBF1000000 hour(s) INTERFACE PROVIDED Qty1 Connector Type7 pin Serial ATA Storage InterfaceSerial ATA-600 EXPANSION & CONNECTIVITY Interfaces1 x SATA 6 Gb/s - 7 pin Serial ATA (Make: WD/ Seagate/ Samsung) :- Qty. 4nos. ● Rack 4 U Wall mounted, fan with PDU, Accessories etc (Make: D-link/ Dynamic/ Netgear) :- Qty. 6nos. ● Rack 6 U Wall mounted, fan with PDU, Accessories etc (Make: D-link/ Dynamic/ Netgear) :- Qty. 2nos. ● Cat-6 Wire, Category : 6 UTP Solid cable. Conductor : 23 AWG (Solid); Conductor Meta : Bare Copper; Insulation Material : HDPE; OD : 6.1mm ±0.2; Resistance Unbalance : 5% Max; Capacitance Unbalance : 330pF/100m; Delay Skew : <45nS (Make: D-link) along with 25 mm ISI PVC Conduit, shuddle, gitti, Screw etc :- Quantity will be as per finalised design, shop drawing according to the size of building and location of cameras. ● RJ-45 I/O and RJ-45 CONECTOR for CCTV camera with all termination, crimping. Quantity will be according to total comhrehensive work of CCTV camera ● 3 KVA UPS Online, Type: Online/double-conversion, 6 Hours backup, Output Power Wattage: 3 W Input Voltage: 280 V Output Voltage: 230 V Input Frequency: 50 Hz Output Frequency: 50 Hz W x H x D: 19 cm x 31.8 cm x 42.1 cm Input Voltage 280 V 	

	<p>Input Frequency 50 Hz (Make: Emerson/ Microteck/ APC)</p> <ul style="list-style-type: none"> i5 CPU with 31" led Dell Screen, Processor Type Core i5, RAM Size 8 GB, Latest windows version, Hard Drive Size 1 TB, DDR3 SDRAM including 2 year comprehensive AMC from the date of competition of work in all respect Other accessories / equipment required to make the work complete in all respect. 	
27.	<p>ROAD WORK (work will be executed as per the standard specifications, relevant IS codes and guidelines for Bitumen road works) : Qty- 1360 Sqm</p>	
	<ul style="list-style-type: none"> Excavation / filling of earth up to desired level as per the topography and Compaction of sub grade with power road roller of 8 to 12 tonne capacity Laying of 200mm thick Granular Sub-Base (GSB) by mixing in a mechanical mix plant at OMC, and compacting with vibratory power roller to achieve the desired density Laying of 250mm thick wet mix macadam (WMM) include graded stone aggregate (size range 53 mm to 0.075 mm) in uniform layers with desired OMC and compacting with vibratory power roller to achieve the desired density Laying of 80mm thick Dense Graded Bituminous Macadam using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers Applying tack coat using bitumen emulsion conforming to IS:8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom, medium setting bitumen emulsion on W.B.M / W.M.M. @ 0.4kg/sqm Laying of 25 mm thick premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. with paving Asphalt grade VG - 30 with no solvent Laying seal coat over prepared surface of road with bitumen heated in bitumen boiler fitted with the spray set spraying using 98 kg of bitumen of grade VG - 10 and blinding surface with 0.90 cum of stone aggregate of 6.7 mm size (Passing 11.2 mm sieve and retained on 2.36 mm sieve) per 100 sqm of road surface, including rolling and finishing with power road roller all complete. Providing, laying and making kerb channel 30 cm wide and 50 mm thick with cement concrete 1:3:6 over 75mm bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand. Laying of factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 including making joints with or without grooves 	
28.	OTHER IMPORTANT	
	Provision For Barrier Free Building	Ramps of adequate size and slope as per NBC/EIC, toilets for physically challenged, Chequered tiles/tactile tiles use of Braille signages & lifts, Railings and hand rails etc. as per the mandatory norms/EIC
	Plinth Protection surrounding building	50 mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand : 6 graded stone aggregate 20 mm nominalsize) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top smooth.(1250 mm Wide) with half brick masonry at corner of CC
	Rain water harvesting (2 nos. pits)	Rain water harvesting structure and storm water drainage network of the building should be connected with harvesting pit by PVC pipes / RCC pipes as specified in approved drawings to recharge

		ground water by gravity flow as per drawings.
	Waste disposal	3 colour of Pole hanging dustbins sets over MS frame fixed on ground to segregated dry and wet waste at 2 locations outside of the building with set capacity 300 liters
	Minor repair & Painting on surrounding existing Boundary Wall	One or 2 coats Painting on surrounding Boundary wall (inner side) of proposed Fitness centre/ Gym Building with same coat of already painted material after minor repair works. (Length approximate 150 meters) as required/as per the directions of EIC
29.	ELECTRICAL WORKS	
a)	Supply, Installation, Testing Commissioning of air-conditioning system by VRV/ VRF/MRV system of 264 TR capacity	
b)	Wiring	FRLS PVC insulated copper conductor of suitable size as per CPWD and IS specifications.
c)	Conduits	Recessed Medium class PVC conduit of suitable size as per CPWD and IS specifications.
d)	Switch Sockets	Modular switch, sockets modular plate, suitable GI box of suitable size as per CPWD and IS specifications.
e)	EPABX system networking / Tag block	FRLS PVC insulated annealed copper conductor NOTE: Extra hume pipe to be provided till LV shaft from outside building for future LV cables
f)	TV cable / Data and LAN cable	CAT-6, Co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath.
g)	Distribution board	Suitable way, horizontal/ vertical type three pole and neutral/single pole, sheet steel, MCB distribution board (Double Door), 415 V/220 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. Separate DB for Light, Power, UPS and AC to be kept for each block on each floor as per latest CPWD specifications and IS codes
h)	MCB/RCCB	"C" curve, miniature circuit breaker suitable for inductive load of suitable poles
i)	Earthing (body) (2 sets each for DG Set, Transformer, HT Panels, LT Panels, outdoor panels, indoor panels, lift, street light poles, pump rooms etc.)	G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of required length etc. with charcoal/ coke and salt as required.
j)	Earthing (neutral of DG and Transformers)	Copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of required length etc. with charcoal/coke and salt as required.

k)	Earth strip	G.I and copper of suitable size as per IS Standards
l)	Cable	<ul style="list-style-type: none"> ● PVC insulated and PVC sheathed / XLPE power cable of 11 and 1.1 kV grade of suitable size as per CPWD and IS specifications ● Cable trays of suitable size (GI) ● Cable Route marker ● Cables to be laid in RCC Hume pipe / HPDE pipes / Underground/ cable trays as per approved drawings.
m)	Lighting Fixtures and Fans	<ul style="list-style-type: none"> ● 12W – ENDURA/ DL NEO- Havells make or equivalent ● 20W - ENDURA/ LINEAR NEO- Havells make or equivalent ● 10W - ENDURA/ LINEAR NEO- Havells make or equivalent ● 40W – VENUS 42 watt Tunable white- Havells make or equivalent ● 10W , Bulk head – ENDURA RUGBY 10 Watt – Havells make or equivalent ● 900mm Ceiling fan sweep complete model no. White New Breeze orient make or equivalent (as per Inventory list) along with regulators. ● 1200mm 5 star rated Ceiling fan sweep complete model no. White FHCES5SWHT48 of Havells make or equivalent (as per Inventory list) along with regulators. ● Exhaust fan with 250 mm and 300 mm sweep with rust proof body and noise less operation completewith louvers.
	Hot water electric Gysers	5 star electric hot water 25 liters geyser Havells make catalogue no. PURO-PLUS-25 L or equivalent (10 nos.)
	Street Light (GI poles) withLED light	30 nos. of Height 5 meters along the road, around the building, including cabling, accessories and fixing arrangement as specified in approved drawing .
	Façade focus LED lighting	15 nos. Façade lighting (40-50 W each) on front face of building,focused on front of building in whole length, Signage and sports logo including cabling, accessories and fixing arrangement as specified in approved drawing
n)	Main Distribution Panel [Confirming to IS8623: 1993 and other relevant Indian Standards (manufacturer shall posses valid type test certificates from CPRI)]	<p>CRCA sheet of 2 mm thick for frame work and covers , 3 mm thick for gland plates i/c cleaning and finishing complete with 7 tank process for powder coating in approved shade having suitable capacity extendable type TPN aluminium alloy bus- bars of high conductivity, DMC/SMC bus bar support with short circuit withstand capacity of 31 MVA for 1 sec. including suitable rating MCCBs and MCBs and control circuit for transformer, DG sets and suitable number of outgoings as per CPWD,IS Specifications and site requirements.</p> <ul style="list-style-type: none"> -Main LT Panel -Capacitor Panel -UPS Panel -Floor panels, light and power, Distribution Boards - AC Panels and Distribution Boards. -Outdoor type main LT Panel, AMF panel, Street lightpanels. -Emergency Panel. etc

o)	Lighting arrestor	Lighting arrestor with suitable nos of earthpits horizontal and vertical run of earth strip on parapet wall of and up to the earth pits as per Indian standards and approved drawings.
p)	Safety Equipment	Suitable nos. of Rubber mat, fire extinguisher, danger board, shock treatment chart etc. as per IS.
30.	HT Panel (VCB)	
	<p>Supply, Receiving, Unloading, Shifting, Installation Testing & Commissioning of 11 KV single Breaker Vacuum Circuit Breaker Panel Board as 1 Incoming shall be metal clad floor mounting complete as per specification and as described.</p> <ul style="list-style-type: none"> ● 630 A Vacuum circuit breaker of (350 MVA) 18.4 KA rupturing capacity at 11 KV rated, totally enclosed, air insulated metal clad housing, floor mounting, horizontal isolation, vermin proof, fully interlocked horizontal draw out type having isolation features and control devices complete with the following. ● Manually and motor operated, spring charged (release closing mechanism) trip free type, triple pole truck mounted draw out, vacuum circuit breaker, incorporating mechanical as well as electrical ON/OFF indication. Spring charge/discharge mechanical indication "OFF" push buttons for emergency trip (shrouded) test/service position limit switches with 6 NO/6 NC breaker auxiliary contacts in service position, 24 Volts DC shunt trip coil and strip heater to prevent moisture absorption. ● 3 No. Single Phase double core current transformer 80/5 Amp epoxy cast insulated class of insulation E. ● Core 1-15VA burden class 1.0 for metering. ● Core 2-15VA burden class 5P10 for protection. ● P.T's of 11KV/1.732, 110V/1.732, 100VA with suitable rating H.T. & L.T. fuse conforming to relevant IS Standards and complete as required. ● One no. numerical microprocessor based three phase over current (IDMT element) (2 O/C+1E/F) with earth fault relay with instantaneous elements. ● 1 No. Anti-Pumping device. ● 1 No. Circuit breaker control switch for electrical (T/N/C). ● 1 No. limit switch for test & service position. ● 1 No. Voltmeter (0-12KV) with selector switch. (96mm square) ● 1 No. Ammeter (0-100Amp) with selector switch. (96mm square). ● 1 No. electronic type digital energy analyser having 30 days memory and parameters of KW, KWH, Power factor, frequency etc. Suitable for BMS compatible with all accessories. ● 1 Set of following indicating lamps. ● Red, Yellow & Blue for phase indication. ● Amber for Trip indication. ● Red 'ON' Green 'OFF' ● Spring charge indication. ● Auto trip indication. ● 1 No. hooter with hooter acceptance and reset push button. ● 1 No. Master trip relay. (Electromechanical Type) ● 1 No. Trip ckt. Supervision relay. (Electromechanical Type) ● 600 A colour coded heat shrinkable sleeved TP Copper bus bar of 350 MVA fault rating. ● 1 Set of fuses, ferrules, wiring etc. as required. 	

	<ul style="list-style-type: none"> ● 1 Set of Power Pack 220 Volt A.C. / 24 Volt D.C. complete as required. ● 1 No. control Transformer of 1KVA for giving supply to indication lamps etc having 11 KV/415-230V AC rating epoxy cast resin dry type Transformer. The connection for control transformer shall be taken from the cable side before the circuit breaker tapping. ● Inbuilt Power pack for relay operation ● Annunciator and contactors etc. for Transformer protection - WTI, OTI, Bucchoz relay alarm/trip ● Other accessories / equipment required to make the work complete in all respect
31.	SOUND SYSTEM FOR GYM AREA
	Active Speakers with WallMountings (Qty- 8 nos) System Type Self Powered 10"/8", Two-Way, Bass-ReflexMax SPL Output > 120dB; Freq. Range (- 10dB) 50 Hz -20kHz Freq. Response (±3dB) 60 Hz-20kHzCoverage Pattern 110° x 60° Amplifier Design Class D; Power Rating 1000W Peak (Make : JBL/ QSC/ Polk Audio/ Harman Kardon/Wharfedale)
	Active Subwoofer with Case (Qty- 4 nos.) 12" driver, >= 400W power (Class D driver)Frequency Range Approx. 25 -200 Hz Nominal Impedance = 8 ohms Max SPL >=84dB (Make :- JBL/ QSC /Polk Audio/ Harman Kardon/ Wharfedale)
	6-Input Mixer with Bluetooth and USB Capability (Qty- 1 nos.) Input Sensitivity -60dBm to -40dBmNominal Input Level; MIC (-60dBm); Line (-40dBm); Effect (- 10dB); AUX In (-20dB); Tape in (-10dB); Nominal Output LevelEffect Send (-10dBm); Aux Send (0dBm); Frequency Response 20Hz-20kHz (±3db);Total Harmonic Distortion <0.03%; Signal to Noise Ratio >85dB; Clip Indication; 4dB prior to true clip; Equalization (Treble/Mid/Bass); ±15dB @12kHz/2.5kHz/80Hz; EFX – Delay with repeat; Power Supply – AC240V/ 50Hz, (Make:- Studiomaster/Payle/ Yamaha)
	Powered Amplifier at 4ohms Dual, 750W 8ohms Dual 500W 8ohms Bridged 1500W (Qty-2 Nos.) Frequency Response (at 1 Watt) 20Hz -20kHz +0/-1dB.Total Harmonic Distortion (THD) <0.5%, 20 Hz-20kHzIntermodulation Distortion (IMD) =/<0.35%; Slew Rate > 10V/usVoltage Gain 30dB; Damping Factor (8ohms) > 200, Signal to Noise Ratio > 100dB; Crosstalk (below rated power) 20kHz =-59db 1kHz =-75dB; Input Sensitivity for Full Rated Power at 8Ohms 0.775V; 230-240V~50/60Hz; (Make:- Crown Audio/ JBL/ QSC/ Yamaha/ Harman Kardon / Wharfedale/ Behringer)
	Audio Streamer with Network capability (Qty-01 nos.) Dual Wolfson WM8740 24-bit DACs; 2nd Generation ATF2 up-sampling to 24-bit/384khz; Output & Input-S/PDIF Coaxial and TOSLINK (Optical); UPnP, Local USB media, USB audio 1.0 and 2.0, S/PDIF Toslink and Coaxial, Airplay 2, Chromecast built-in , Internet radio, Spotify Connect, TIDAL, Bluetooth aptX; ALAC, WAV, FLAC, AIFF, DSD (x64), WMA, MP3, AAC, HE AAC, AAC+, OGG Vorbis formats; Ethernet; WiFi 230-240V~ 50/60Hz; (Make:- JBL/ QSC/ Yamaha/ Harman Kardon / Sonos/Cambridge Audio)
	16A WG SpeakerCable (As per the size of the hall and requirement of) Two Core Speaker Cable.; 16A WG Stranded 19x29 finned copper conductors Insulation Material : PVC; Outer Jacket : PVC; Inner/ Outer Shield : UnshieldedMin Bend Radius: 130mm; Nom Capacitance (pF/m): 109;(Make:- Soomer/Gotham/Belden/ Monster/ AudioQuest). NOTE : All the wirings and cablings shall be concealed
	Wireless Lapel Microphonene (Qty-1 nos.) Beltpack Transmitter with On/Off Button; Polar Pattern: Omni direction Frequency Response: 100Hz – 15kHzDynamic range min 100 dB or better Detachable Belt Clip; Operating time min 9 hrs. Receiver; Attached wireless antenna Min. 8 Switchable ChannelsChannel selector switch; Switch to select vocal or speech Frequency response : 110 Hz -15 kHzDynamic range min 110 dB or better (Make:- Beyerdynamics/Shure/ Sennheiser)
	Other accessories / equipment required to make the work complete in all respect

32.	Supply, installation, testing & commissioning of IP based EPBX System
	<p>The offered system should be IP-PBX, enabled with Unified Communication and collaboration Application. IP-PBX should employ Stored Program Control (SPC) using Pulse Code Modulation (PCM) and Time Division Multiplexing (TDM) conforming to the latest ITU-T (earlier CCITT) standards. Master and Slave units should work as a single EPABX SYSTEM with 100 % non-blocking configuration. d. Master and both Slave units should also work independently as standalone units in the event of link failure. The works includes.</p> <ul style="list-style-type: none"> ● EPBAX System : Network Communication Platform (NCP) Up To 172 Extensions And 128 Cos Ideal For 25 To 65 Users Voice Over IP Compatible (Model:- Panasonic KX-NCP1000 System) - Quantity- 2 nos ● IP/SIP phone having : 6 SIP accounts 2.3-inch main LCD; 5-inch self-labeling LCD with flexible function keys HD Voice (G.722) Up to 500 phonebook; 3-way conference call support Compatible with Broadsoft UC one 2 x 10/100/1000M ports, PoE; Low standby power consumption XML Application Interface Plug and Play configuration; Changeable angle stand Wall mounting (Model:- Cisco IP Phone 8841)- Quantity-40 nos. ● Cat 6 Networking Cable UTP 305 Meters to connect phones and EPBX system including all fitting accessories (Make : D Link/ Finolex/Havells)- Quantity as per the requirement of proposed building ● Patch Panel of 24 port with switch rack (Make:D Link/ Honeywell/TRENDnet)- Quantity -4 nos. ● Optical Fibre Cable: Single Mode Fibre Optic Cable HFBR-RM 1.06mm 10m (Make: Broadcom/ Finolex /HFCL)- Quantity as per the requirement of proposed building ● Junction Box having 100 pairs – Quantity – 2 nos ● RJ 45 Connectors (Make: D Link/Phoenix) Quantity – 100 nos. <p>Other accessories / equipment required to make the work complete in all respect</p>
33.	LAN System
	<p>Supply Installation, Testing & commissioning of Access Layer 2 Switches to connect 24 computer systems:</p> <ul style="list-style-type: none"> ● Switch of 24 ports of 10/100/1000 Base-T & 2 x 10G SFP+ ports having feature of 1 x Out of band Management port, 1 x USB port; have support for additional min 2 x10G for 40G stacking or should have dedicated stacking ports; POE+ with minimum power budget of 370w; option for Internal/ External Redundant power Supply; Support IPV4 and IPV6; support min 16K MAC addresses and min 1000 active VLANs; support full Layer 2 features like STP, RSTP, MSTP/PVST, LACP / IEEE 802.3ad , ACL, QoS and IGMPv1/v2/v3 from day 1; support basic Layer 3 features like static routing, RIPv1/v2 from day 1 and support VRRP & OSPF in future if required; support IGMP V1/V2/V3 ,PIM SM/ DM, MLD V1/V2; support Denial of Service (DoS) protection and IP security against man-in-the-middle and DoS attacks; support operating temp from 0 to 45-degree Celsius; support 10G Base-SR/LR/ER/ZR & 10G Base-T, 1000 Base-SX/LX/ZX Transceivers; (Model:- Cisco SG350-52MP)- Quantity-1 nos ● Switch Racks : Server Rack 9U Combo Wall Mount Rack with 6 Power Socket & Cable - Lock - Tray (2 No) - 2 Cooling Fans and Adjustable Shelf (Make: D Link / Netgear/NavePoint) – 1 nos. ● Cat 6 Networking Cable UTP 305 Meters to connect computer system including all fitting accessories (Make : D Link/ Finolex/Havells)- Quantity as per the requirement of proposed building ● Patch Panel of 24 port with switch rack (Make:D Link/ Honeywell/TRENDnet)- Quantity -1 nos. ● Optical Fibre Cable: Single Mode Fibre Optic Cable HFBR-RM 1.06mm 10m (Make:

	Broadcom/ Finolex /HFCL)- Quantity as per the requirement <ul style="list-style-type: none"> ● RJ 45 Connectors (Make: D Link/Phoenix) Quantity – 100 nos. ● Other accessories / equipment required to make the work complete in all respect 	
34.	LIGHTING AUTOMATIC INCLUDING OCCUPANCY SENSOR	Passive Infrared (PIR) technology based occupancy sensor having high performance, non-regulating programmable type, suitable for suitable connected load, for mounting height as per site condition and for suitable diameter coverage area along with necessary fixing arrangements i/c programming at site etc. complete as required.
35.	EMERGENCY LIGHT & ELECTRICAL POINTS	Approx. 20% light and electrical points will be on UPS system. Separate wiring , distribution boards, switches to be provided for UPS points.
36.	ACCESS CONTROL SYSTEM	<ul style="list-style-type: none"> ● Supply, testing & commissioning of Card Access Control System reader device at main entrances of building (qty. - 2 nos.) connected with computer systems (already taken in CCTV works) including all programming of the ACS system software, hardwares, other software, cablings required for a complete and ready to operate system. Card access control system shall connect to the monitored fire alarm systems and CCTV systems and provide authorized individuals safe and secure access in and out of the building (s) for which their cards are programmed. The system shall, upon receipt of fire alarm signals, drop out all locking devices with the alarm zone ● Other accessories / equipment required to make the work complete in all respect
37.	SOLAR PV POWER GENERATION SYSTEM (50 kWp)	

	<p>Supply, Installation, Testing and Commissioning of on grid Solar Photovoltaic Power Plant conforming to MNRE specifications as amended, consisting of Mono/Poly Crystalline silicon solar cells, net metering facility, necessary protections, earthing, mounted on Aluminium/GI structure of suitable strength with following components complete as required:-</p> <ul style="list-style-type: none"> ● Solar Photovoltaic Module of capacity 330Wp or above, manufactured in India, conforming to IS14286/IEC61215, IS/IEC61730-Part-1, IS/IEC61730-Part2. Solar Photovoltaic Module conversion efficiency shall not be less than 16.5%. PV modules used in solar power plants/systems must be warranted for their output peak watt capacity, which should not be less than 90% at the end of 10 years and 80% at the end of 25 years. ● Power Conditioning Unit (PCU) of 350-800 VDC Input voltage range and 400V AC, three phase, 4wire, 50Hz+/-2.5Hz, output voltage suitable to generate AC Power with efficiency not less than 97%, total harmonic distortion less than 3% and suitable for ambient temperature from 0 to 50 degree C. The PCU shall adjust the voltage and frequency level to suit the Grid Voltage Frequency. ● Data Monitoring System complete with accessories ● Fixing of Array junction box & Main junction box with IP65 protection and termination arrangement for incoming and outgoing cable along with glands, lugs and other accessories etc. as required. ● Lightning and surge voltage protection. ● Connections & Interconnections by supplying & fixing required size XLPE insulated copper conductor 1.1kV grade armoured power and control cables between solar modules, main power cable to grid supply PCU unit along with supplying & fixing of necessary channel/ conduit lugs and other accessories etc. as required.
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NOTE FOR ELECTRICAL AND PLUMBING FITTINGS AND FIXTURES:

In the tender and above specifications “item catalogue No. of the **Electrical and plumbing** fittings of particular brand or equivalent” have been mentioned. Here “**equivalent**” means item which is within 10% +/- variation in MRP and meet the specification, same or more aesthetic quality of the brand mentioned in the List of Acceptable Makes.

E. OPERATION AND MAINTENANCE DURING DEFECT LIABILITY PERIOD (DLP)

The operation and maintenance of all the works carried out by the contractor, shall be taken by the contractor during 1 year of defect- liability period as per the standard norms of operation and maintenance. The contractor will deploy sufficient manpower (supervisor, mason, carpenter, electrician, plumber, sweeper, gardener etc. materials, accessories tools and plants required for the maintenance of the building, horticulture / landscaping works, external development works and other works carried out by the contractor during execution of project. No extra charge for this AMC shall be paid to the contractor. Therefore, contractor is advised to quote the cost accordingly.

CHAPTER 7 – FORMATS

LABOUR BOARD

S. No.	Description	
1.	Name of Work	
2.	Name of Contractor	
3.	Address of Contractor	
4.	Name and Address of Unit	
5.	Name of Labour Enforcement Officer	
6.	Address of Labour Enforcement Officer	
7.	Date:	

S. No	Category	Minimum Wages Fixed	Actual Wages Fixed	Numbers Present	Remarks

Weekly Holiday	
Wage Period	
Date of Payment of Wages	
Working Hours	
Rest Interval	

FORM 13

See Rule 75
REGISTER OF WORKMEN EMPLOYED BY CONTRACTOR

Sl. No.	Description	
	Name and Address of Contractor	
	Name and Address of Establishment in/ under which contract is carried on	
	Nature and Location of Work	
	Name & Address of Principal Employer	
1.	Sl. No.	
2.	Name and Surname of Workman	
3.	Age & Sex	
4.	Father's/ Husbands Name	
5.	Nature of Employment / Designation	
6.	Permanent home address of the workman (village and Taluka and District)	
7.	Local Address	
8.	Date of Commencement of Employment	
9.	Signature or thumb impressions of the workman	
10.	Date of termination of employment	
11.	Reasons for termination	
12.	Remarks	

FORM XVI

[See Rule 78(2) (193)]
MUSTER ROLL

Sl. No.	Description	
	Name and address of contractor	
	Name and address of establishment in/under	
	which contract is carried on	
	Nature and location of work	
	Name and Address of Principal Employer	
	For the month / fortnight	
1.	S. No.	
2.	Name of the workman	
3.	Sex	
4.	Father's/Husband's Name	
5.	Dates (1, 2, 3, 4, 5, ----- 12, 13, 14, 15)	
6.	Remarks	

FORM XVII

[See Rule 78(2) (03)]
REGISTER OF WAGES

	Name and address of contractor	
	Name and address of establishment in/under which contract is carried on	
	Nature and location of work	
	Name and Address of Principal Employer	
	Wage period: per month/ fortnightly	
1	Sl. No.	
2	Name of Workman	
3	Serial No. in the register of workman	
4	Designation /nature of work done	
5	Nos. of days worked	
6	UNITs of work done	
7	Daily rate of wages/ piece rate	
8	Basic rate of Wages	
9	Dearness allowance	
10	Overtime	
11	Other cash payments (Nature of payments to be indicated)	
12	Total	
13	Deduction if any (indicate nature)	
14	Net amount paid	
15	Signature thumb impression of the workman	
16	Initials of contractor or his representatives	

FORM XIX**[SEE RULE 78 (2) (B)]****W A G E S L I P**

	Name and address of contractor	
	Name and Father's/Husband's Name of workman	
	Nature and location of work	
	For the Week/Fortnight/Month ending	
1	No. of days worked	
2	No. of UNITS worked in case of piece rate works	
3	Rate of daily wages/piece rate	
4	Amount of overtime wages	
5	Gross wages payable	
6	Deductions if any	
7	Net amount of wages paid	
	Sign of the Contractor	
	Received the sum of Rs.-----	
	towards my wages for the above period.	

Signature of workman:

WAGE CARD

Wage Card No. &	Date of Issue Month/Fortnight
Name and address of Contractor	
Nature of work with location	Designation
Name of workman	

Rate of Wages

Dates	Morning	Evening	Rate	Amount	Initials
1	2	3	4	5	6

Received from the sum of Rs.....on account of my wages.

Signature

The wage card is valid for one month from the date of issue.

FORM XIV

(See Rule 76)
EMPLOYMENT CARD

Sl. No.	Description	
	Name and address of contractor	
	Name and address of establishment under which the contract is carried out	
	Nature and location of work	
	Name and address of Principal Employer	
1	Name of the workman	
2	Sl. No in the register of workman employed	
3	Nature of Employment/Designation	
4	Wage rate (with particulars of unit in case of piece work)	
5	Wage Period	
6	Tenure of employment	
7	Remarks	

Signature of Contractor

Form XV

(See Rule 77)
SERVICE CERTIFICATE

Name and address of contractor	
Nature and location of work	
Name and address of workman	
Age or date of birth	
Identification Marks	
Father's/Husband's Name	
Name and address of establishment in/under which contract is carried on	
Name and address of Principal Employer	
Total period of which employed	

S. No.	From	To	Nature of Work	Rate of Wages	Remarks

With particulars of unit in case of piece work)

Signature

Form XII

[See Rule 78 (2) (D)]
REGISTER OF FINES

Name and address of contractor	
Name and address of establishment in/ under which contract is carried on	
Nature and location of work	
Name and address of workman	
Name and address of Principal Employer	

S. No.	Name of	Father's /	Designation/ Nature	Act/Omission	Date of Offence
	Workman	Husband Name	of Employment		for which Fine Imposed
1	2	3	4	5	6

8	Whether workman showed causes against fine	
9	Name of person in whose presence employees explanation was heard	
10	Wages period and wages payable	
11	Amount of fine imposed	
12	Date on which fine realized	
13	Remarks	

LIST OF ACTS AND OMISSIONS FOR WHICH FINES CAN BE IMPOSED

In accordance with rule of Labour Regulations, to be displayed prominently at the site of work both in English and local language.

1	Willful insubordination or disobedience, whether alone or in combination with other.
2	Theft, fraud or dishonestly in connection with contractors beside a business or property.
3	Taking or giving bribes or any illegal gratifications.
4	Habitual of Late attendance.
5	Drunkenness fighting riotous or disorderly or indifferent behaviors.
6	Habitual negligence.
7	Smoking near or around the area where combustible or other materials are locked.
8	Habitual indiscipline.
9	Causing damage to work in the progress or to property of the SAI or of the contractor.
10	Sleeping on duty.
11	Malingering or slowing down work.
12	Giving the false information regarding name, age, fathers name etc.
13	Habitual loss of wage cards supplied by the employer.
14	Unauthorized use of employers property or manufacturing or making of unauthorized articles at the work place.
15	Bad workmanship in construction and maintenance by skilled workers, which is not approved by the SAI for which the contractors are compelled to undertake rectifications.
16	Making false complaints and/or misleading statements.
17	Engaging on trade within the premises of the establishment.
18	Any unauthorized divulgence of business affairs of the employees.
19	Collection or canvassing for the collection of any money within the premises of an establishment unless authorized by the employer.
20	Holding meeting inside the premises without previous sanction of the employers.
21	Threatening or intimidating any workman or employee during the working hours.

Form XX

[See Rule 78 (2) (D)]
REGISTER OF DEDUCTIONS FOR DAMAGES OR LOSS

	Name and address of contractor	
	Name and address of establishment in/ under which	
	contract is carried on	
	Nature and location of work	
	Name and address of Principal Employer	
1	S. No.	
2	Name of workman	
3	Father's/Husband's Name	
4	Designation/nature of employment	
5	Particulars of damage or loss	
6	Date of damage/loss	
7	Date of recovery	
8	Whether workman showed cause against deductions	
9	Name of person in whose presence employees explanation was heard	
10	Amount of deduction Imposed	
11	No. of installment	
12	First Installment Last Installment	
13	Remarks	

Form XXII

[See Rule 78(2)]
REGISTER OF ADVANCES

	Name and address of contractor	
	Name and address of establishment in/ under which	
	contract is carried on	
	Nature and location of work	
	Name	
1	S. No.	
2	Name of workman	
3	Father's/Husband's Name	
4	Designation/nature of employment	
5	Wages period and wages payable	
6	Date and amount of advance given	
7	Purpose / for which advance made	
8	No. of installments by which advance is to be paid	
9	Date and amount of each installment repaid	
10	Date on which last installment was repaid	
11	Remarks	

Form XXIII

[See Rule 78(2) (E)]
REGISTER OF OVERTIME

	Name and address of contractor	
	Name and address of establishment in/ under which	
	contract is carried on	
	Nature and location of work	
	Name	
1	S. No.	
2	Name of workman	
3	Father's/Husband's	
4	Sex	
5	Designation/Nature of Employment	
6	Date on which overtime worked	
7	Total overtime worked or production in case of piece rated	
8	Normal rate of wages	
9	Overtime rate of wages	
10	Overtime earning	
11	Rate on which overtime wages paid	
12	Remarks	

APPLICATION FOR EXTENSION OF TIME

(To be completed by the Contractor)

PART – I

1. Name of Contractor
2. Name of the work as given in the Agreement
3. Agreement No.
4. Estimated amount put to tender
5. Date of commencement work as per agreement
6. Period allowed for completion of work as per agreement
7. Date of completion stipulated as per agreement
8. Period for which extension of time has been given previously Extension granted
 - a) First extension vide Engineer-In-Charge letter Nodate Months Days
 - b) 2nd extension vide Engineer-In-Charge letter Nodate Months Days
 - c) 3rd extension vide Engineer-In-Charge letter Nodate Months Days
 - d) 4th extension vide Engineer-In-Charge letter Nodate Months Days

Total extension previously given

9. Reasons for which extension have been previously given (copies of the previous application should be attached)
10. Period for which extension is applied for :
11. Hindrances on account of which extension is applied for with dates on which hindrances occurred, and the period for which these are likely to last.
 - a) Serial No.
 - b) Nature of hindrance
 - c) Date of Occurrence
 - d) Period for which it is likely to last
 - e) Period for which extension required for this particular hindrance.
 - f) Overlapping period, if any, with reference to item
 - g) Net extension applied for
 - h) Remarks, if any

Total period for which extension is now applied for on account of hindrances mentioned above Month/ days.

12. Extension of time required for extra work.
13. Details of extra work and on the amount involved:
 - a) Total value of extra work
 - b) Proportionate period of extension of time based on estimated amount put to tender on account of extra work.
14. Total extension of time required for 11 & 12

Submitted to the Engineer-In-Charge's office.

SIGNATURE OF CONTRACTOR DATE

APPLICATION FOR EXTENSION OF TIME

PART – II

1. Date of receipt of application from the Contractor in the Engineer-In-Charge's office.
2. Acknowledgement issued by Engineer-In-Charge vide his letter No. dated
3. Engineer-In-Charge remarks regarding hindrances mentioned by the Contractor.
 - i) Serial No.
 - ii) Nature of hindrance
 - iii) Date of occurrence of hindrance
 - iv) Period for which hindrance, is likely to last
 - v) Extension of time period applied for by the contractor
 - vi) Over lapping period, if any, giving reference to items which over lap
 - vii) Net period for which extension is recommended.
 - viii) Remarks as to why the hindrance occurred and justification for extension recommended.
4. Engineer-In-Charge recommendations.

(The present progress of the work should be stated and whether the work is likely to be completed by the date up to which extension has been applied for. If extension of time is not recommended, what compensation is proposed to be levied under the agreement?)

SIGNATURE OF ENGINEER-IN-CHARGE

APPROVAL OF ZONAL MANAGER

PROFORMA FOR EXTENSION OF TIME

P A R T – III

To,

NAME

ADDRESS OF THE CONTRACTOR

SUBJECT:

Dear Sir(s)

Reference your letter No. _____ dated _____, in connection with the grant of extension of time for completion of the work.....

The date of completion for the above mentioned work, is as stipulated in the agreement, dated

Extension of time for completion of the above-mentioned work is granted up to _____, without prejudice to the right of the SAI to recover compensation for delay in accordance with the provision made in the relevant Clause (s) of the said agreement dated the ____/____/____. It is also clearly understood that the SAI shall not consider any revision in contract price or any other compensation whatsoever due to grant of this extension.

Provided that notwithstanding the extension hereby granted, time is and shall still continue to be the essence of the said agreement.

Yours faithfully,

FOR SAI

CHAPTER 8 – PROFORMA

PROFORMA – I

(On the letter head of the Tenderer)

To,
Sports Authority of India (SAI),
Jawaharlal Nehru Stadium Complex
East Gate, Lodhi Rd,
New Delhi, Delhi - 110 003

Sir,

ACCEPTANCE OF TENDER CONDITIONS

The tender documents for the work **the establishment of Fitness Centre/Gym Building at Warm-up Athletic Track within JNL Stadium Complex** been downloaded by me/us/ from official website/ e-tendering site of Sports Authority of India and I/We hereby unconditionally accept the tender conditions and tender documents in its entirety for the above work.

1. The contents of the Tender documents have been noted wherein it is clarified that after unconditionally accepting the tender condition in its entirety, it is not permissible to put any remark(s)/conditions(s) (except unconditional rebate on price, if any) in the tender enclosed in "Envelope-2 and the same has been followed in the present case. In case this provision of the tender is found violated at any time after opening of the Envelope 2, I/we agree that the tender shall be summarily rejected and SAI shall, without prejudice to any other right or remedy be at liberty to forfeit the full said earnest money absolutely.
2. I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements. In case this provision of the tender is found violated at any time before or after opening of the Price Bid/ Award, I/we agree that the Tender/ Award shall be summarily rejected and SAI shall, without prejudice to any other right or remedy be at liberty to forfeit the full said earnest money/ any other amount payable under this contract absolutely.
3. The required earnest money for this work is enclosed herewith.
4. If I/we will not fulfil the minimum qualifying criteria of the tender I/we not lodge any claim for opening of Envelope 2 of the tender.

Yours faithfully,

Dated: _____

(Signature of the tenderer) with rubber stamp

FORM OF TENDER

(On the letter head of the Tenderer)

To,

Sports Authority of India (SAI),
Jawaharlal Nehru Stadium Complex
East Gate, Lodhi Rd,
New Delhi, Delhi - 110 003

1. I/We, [Name & address of the Bidder]
.....have read the various terms and conditions of the Bid documents together with Addendum no(s)/Errata no(s) attached here with duly signed by me/us and agree to abide by the same.
2. I/We hereby declare that we are aware of the site of work and have made ourselves fully conversant of the conditions therein and including the topography of area, soil strata at site of work, sources and availability of construction materials, rates of construction materials, water, electricity, all local taxes, royalties, octrois etc., availability of local labour (both skilled and unskilled), relevant labour rates and labour laws, the existing road and approaches to the site of work, requirements for further service roads / approaches to be constructed by me / us, the availability and rates of private land etc. that may be required by me / us for various purposes, climatic conditions, law and order situation and availability of working days.
3. I/We hereby tender for execution of work **the establishment of Fitness Centre/Gym Building at Warm-up Athletic Track within JNL Stadium Complex** as per tender documents within the time schedule of completion of work as per separately signed and accepted rates in the bill of quantities quoted by me/us for the whole work in the accordance with the Notice Inviting Tenders, conditions of contract, specifications of materials and workmanship, bill of quantities, Drawings, time schedule of completion of jobs and other documents and papers, all as in tender documents.
4. It has been explained to me/ us that the time stipulated for jobs and completion of works in all respects and in different stages mentioned in the "Time Schedule for Completion of Job" and signed and accepted by me/us is the essence of the contract. I/We agree that in case of failure on my/our part to strictly observe the time of completion mentioned for jobs or any of them and the final completion of works in all respects according to the schedule set out in the said "Time Schedule for Completion" of stipulations contained in the contract the recovery being made as specified therein. In exceptional circumstances extensions of time which shall always being in writing way, however be granted by the SAI at its entire discretion for some items and I/we agree that such extension of time will not be counted for the final completion of work as stipulated in the said "Time Schedule of Completion of Jobs."

5. I/we agree to pay the Earnest Money Deposit, Performance Guarantee and Security Deposit and accept the terms and condition as laid down in the memorandum below in this respect.

MEMORANDUM

S. No.	Description	Clause No.	Values/ Description to be applicable for relevant clause(s)
1.	Name of Work		The establishment of Fitness Centre/Gym Building at Warm-up Athletic Track within JNL Stadium Complex
2.	Client/Owner		Sports Authority of India (SAI)
3.	Type of Tender		Engineering, Procurement and Construction ('EPC') Mode
4.	Estimated Cost	As per NIT	Rs. 5,70,92,435/-
5.	Earnest Money Deposit	As per NIT	Rs. 17,12,773/- [3% of Estimated Cost]
6.	Time for completion	As per NIT	Total work is to be completed within 3 months including rainy season in accordance with the time schedule of completion of work in the tender document.
7.	Mobilization Advance	8.0	Mobilization Advance is payable maximum up to 10 (Ten) % of contract value subject to conditions stipulated in Clause No. 8.0 of GCC.
8.	Interest rate on Mobilization Advance	8.0	Simple Interest Rate of 12% (Twelve percent only) per annum.
9.	Schedule of Rates applicable	69.0	Refer Clause No. 69.0 of GCC in conjunctions with BOQ.
10.	Validity of Tender	4.0	120 (One Hundred Twenty) days
11.	Performance Guarantee	9.0	5% of contract value to be submitted within 21 days from the date of issue of LOI. Refer Clause No. 9.0 of GCC.
12.	Security Deposit/ Retention Money	10.0	To be deducted @ 5% of each R.A. bill and will be restricted up to 5% of the contract value.
13.	Time allowed for starting the work	43.0	Date of start of contract shall be reckoned 10 days after the date of issue of letter/Fax/E-mail of intent/ acceptance of tender.

14.	Defect Liability Period	74.0	12 (Twelve) Months from the date of handing over of works to Owner/SAI.
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6. Should this tender be accepted, I/We agree to abide by and fulfill all terms and conditions referred to above and in default thereof, to forfeit, and pay SAI or its successors or its authorized nominees such sums of money as are stipulated in the notice inviting tender documents.
7. If I/We fail to commence the work immediately on issue of LOI, or I/We fail to submit the Performance Guarantee as per Clause 9.0 of General Conditions of Contract I/We agree that SAI shall, without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money deposited with SAI besides any other action as per terms of registration with SAI. The SAI shall also be at liberty to cancel the notice of acceptance of tender if we fail to deposit the Performance Guarantee as contained elsewhere in the tender documents.
8. I/We are also enclosing herewith the Acceptance Letter on the prescribed pro-forma as referred to in condition of e-NIT.

Dated the _____ day of _____

SIGNATURE OF TENDERER

NAME IN CAPITAL LETTERS _____

ADDRESS _____

TELEPHONE & FAX NO. _____

E-mail ID _____

SEAL OF TENDERER

WITNESS

OCCUPATION _____

GENERAL INFORMATION

All individual firms and each partner of a joint venture participating in this Bid are requested to complete the information in this form.

1	Name of Bidder	
2	Head Office Address	
	Tel. No.	
	Mobile No.	
	Fax No.	
	E-mail address	
3	Address on which correspondence should be made	
	Tel. No.	
	Mobile No.	
	Fax No.	
	E-mail address	
4	Place of Incorporation / Registration	
5	Legal status of the applicant (attach copies of original documents defining the legal status)	
i)	Specify, if the bidder is	
	a) An individual	
	b) A proprietary firm	
	c) A firm in partnership	
	d) A Limited Company or Corporation	
	e) A group of firms / joint venture (if yes, give complete information in respect of each member)	Not Applicable
ii)	Attach a copy of Proprietorship or Partnership Deed or Article of Association or Incorporation of Company or JV Agreement as the case may be	

6	Name of Proprietor / Partners / Directors with their addresses, Mobile & Telephone numbers, Fax No., E-mail address.		
7	Designation of individuals authorized to act for the organization with the address, Mobile & Telephone numbers, Fax, E-mail address. (Enclose legal Power of Attorney along with Board Resolution in case of Companies).		
8	Was the applicant ever required to suspend any construction for a period of more than six months continuously after commencement of the construction? If so, give the name of the project & reasons of suspension of work.		
9	Has the applicant of any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion? If so, give name of the project and reasons for abandonment.		
10	i) Has the applicant, or any constituent partner in case of partnership firm ever been debarred / black listed for tendering in any organization at any time? If so, give details.		
	ii) Debarment/black listing shall be as per Ministry of Finance, Procurement policy division office memorandum dated 02.11.2021. Provide details accordingly in Proforma-III.		
11	Has the applicant or any constituent partner in case of partnership firm, ever been convicted by a court of Law? If so, give details.		
12	Credit Facility/ Bank Solvency		
13	Turn Over / Net Profit for the years given below: Copies of Audited Balance Sheets are to be enclosed with Proforma V.	Turn Over in Lakhs	Profit in Lakhs
	2019-20		
	2020-21		

	2021-22		
	2022-23		
	2023-24		
14	Other details: (Copies to be enclosed)		
	a) EPF No. valid up to:		
	b) Goods & Service Tax Registration No.		
	c) PAN No.		
15	Give particulars of registration with Govt./Semi Govt./Public Sector Undertakings/Local Bodies.		
16	Preference to Make in India: The bidder shall follow percentage of local content used during the execution of work as per the order of Public Procurement (Preference to Make in India) Order 2017 & amendments time to time which issued by Department of Industrial Policy and Promotion under Ministry of Commerce & Industry vide No: P45021/2/2017-B.E-II dated 15.06.2017		

Note: Use separate sheets for providing more information if any.

Date & Place

Signature & seal of the applicant

PROFORMA - IV

List of major Plant and Machinery in possession of the firm

S.No.	Name of Plant & Machinery / Equipment	Available Owned	*Other than Column No. C
A	B	C	D
1.	Excavator		
2.	Dozer		
3.	Dumper		
4.	Truck		
5.	Tractor with Trolley		
6.	Water Tanker		
7.	Batching Plant : Capacity-----		
8.	Transit Mixer		
9.	Site Mixers with Weigh Batchers		
10.	Skip Hoist		
11.	Dewatering / Water Pumps		
12.	Survey Equipments:		
	a) Total Station,		
	b) Theodolite		
	c) Level Instruments		
13.	Details of Shuttering & Staging Materials		
14.	Any other information**		

Date & Place

Signature & seal of the applicant

Note:

* In case of any arrangement for getting the equipment on lease, etc., authenticated proof of the same is to be submitted.

** Use separate sheets for providing more information.

Date:

ANNUAL TURN OVER FOR THE LAST FIVE YEARS				
S. No.	YEAR	Turnover from Engineering Construction Works (In Rs. Lakh)	Net Profit (In Rs. Lakh)	Remarks (if any)
1	2020-21			
2	2021-22			
3	2022-23			
4	2023-24			
5	2024-25			

Note:

The bidder **shall submit the attested copies of the Audited Balance Sheets** along with Profit and Loss Statements and Auditors Report and Schedules duly certified by the bidder and Chartered Accountant. Certificate from the Chartered Accountant, wherever the Annual Turnover is certified for the relevant financial year in which the minimum criteria of Annual Turnover is satisfied should also be submitted.

PROFORMA – VI**DETAILS OF THE SIMILAR WORKS COMPLETED IN LAST SEVEN YEARS**

S. No.	Description of the Work with Contract No.	Name and address of the Employer with Contact No.	Date of award	Stipulated date of completion	Date of actual completion	Value of completed work	Reasons for delays, penalty if any	Any other relevant information
1								
2								
3								
4								
5								
6								

Note:

2. The Bidder shall submit the attested Copies of the Completion Certificates from the Client.
3. The value of work executed should be inclusive of the value of free supply items.

DETAILS OF ON-GOING/EXISTING WORKS

S. No.	Description of the Work with Contract No.	Name and address of the Employer	Date of award	Stipulated date of completion	Value of work as per order (In Rs.)	Value of work completed so far (In Rs.)	Anticipated date of completion of work	Any other relevant information
1								
2								
3								
4								
5								
6								
7								
8								
9								

Note:

The copies of certificates of ongoing-awarded works issued by the owner shall be attached. Only those works shall be considered for evaluation for which copies of the certificates issued by the owner are attached.

PAST CONTRACTUAL PERFORMANCE

(Affidavit on non-judicial stamp paper of Rs 10/- duly attested by Notary/Magistrate)

This is to certify that We, M/s _____ [Name of the Bidder with address], in submission of the Bid, _____ [Name of Bid with Bid No.]

- i) have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements;
- ii) do not have records of poor performance such as abandoning the work, not properly completing the contract, inordinate delays in completion, litigation history or financial failures etc.;
- iii) have never been banned by any Central/State Govt. Departments/Public Sector Undertakings or Enterprises of Central/State Govt.;
- iv) have submitted all the supporting documents and furnished the relevant details as per the prescribed format; and
- v) have submitted all the information and the requisite documents with the Bid and further certify that we are fully responsible for the correctness of the information and documents submitted by us.

SIGNATURE OF THE BIDDER

SEAL

Note: Exceptions of the above, if any, shall be clearly mentioned with details by the bidder for evaluation/consideration if any.

PROFORMA - IX

BANK ACCOUNT PARTICULARS FOR REFUND OF EMD THROUGH ELECTRONIC MODE

S. No.	Description	Particulars
1	Name of the Beneficiary	
2	Bank Name	
3	Bank Address	
4	Bank Branch code	
5	Account No.	
6	IFSC Code	
7	MICR No.	

Date & Place

Signature & seal of the applicant

SAMPLE FORMAT FOR BANKING REFERENCE FOR LIQUIDITY
BANK CERTIFICATE

This is to certify that M/s is a reputed company with a good financial standing.

If the contract for the work, namely..... is awarded to the above firm, we shall be willing to provide overdraft / credit facilities to the extent of ₹..... to meet their working capital requirements for executing the above contract.

____Sd.____

Name of Bank:_____

Senior Bank Manager_____

Address of the Bank_____

LITIGATION HISTORY

(On the letter head of the Tenderer)

S. No.	Name of Work	Client	Type of Case (Court Case/Arbitration Case)	Date of Registering of Case	Name & Address of Court / Arbitrator	Amount involved	Present Status	Remarks (if any)
1	2	3	4	5	6	7	8	9

Date & Place**Signature & seal of the applicant**

Note: Applicant has to submit the details of last 5 years in respect of Court Cases / Arbitration Cases.

GST REGISTRATION DETAIL

S. NO.	CONTRACTOR/VENDOR DETAILS	
1	Name	
2	Address (As per registration with GST)	
	City	
	Postal Code	
	Region/State (Complete State Name)	
3	GSTIN ID/Provisional ID No. (Copy of Acknowledgement required)	
4	Type of Business (As per registration with GST)	
5	Service Accounting Code/HSN Code	
6	Contact person	
	Phone number and Mobile number	
	Email id	
	Compliance Rating (if undated by GSTN)	

UNDERTAKING REGARDING PERCENTAGE OF LOCAL CONTENT

Self-Certification under preference to Make in India order Certificate

1 . In line with Government Public Procurement Order No. P-45021/2017-PP (BE-II) dated 04.06.2020 and its amendments, we hereby certify that we M/s_____ are local suppliers and the offered item having local content of _____% (excluding Net Domestic Indirect Taxes, Transportation, Insurance, Installation, Commissioning, Training and after sales service support like AMC/CMC etc.) as defined in above orders for the material against Tender/Bid No._____ Dated _____

2. Details of location at which local value addition will be made as follows:

3. We also understand, false declaration will be breach of the code of integrity under the rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per rule 151 (iii) of the General Financial Rules along with such other actions as maybe permissible under law.

Thanking You

(Signature, name and designation of the authorized signatory)
(Name and seal of the Bidder)

Solvency Certificate
(On Banker's letter Head)

Dispatch number of bank/date

This is to state that to the best of our knowledge and information that M/s _____
having /registered office address _____ is
customer of bank and has been maintaining his accounts with our branch since _____. As
per records available with the bank, M/s _____ can be
treated as solvent up to a limit of Rs. _____ (Rupees
in words _____).

It is clarified that the above information is issued / furnished to SAI at Customer's request
for their empanelment & participation in various tenders.

Signature, Name & Designation

Address of Bank

BANK'S SEAL

NOTE:

1. The above certificate shall be from the RBI Scheduled Bank.
2. In case of Partnership firm, Certificate should include names of all partners as recorded with the bank.
3. The Certificate should have been issued within 6 months from original last date of the submission of tender but in the current financial year.
4. Original certificates are to be submitted along with the bid documents.

PRE-CONTRACT INTEGRITY PACT

This pre-bid /pre contract Agreement (hereinafter called Integrity Pact) is made onday of the month of 20.. between, on one hand, Sports Authority of India, hereinafter referred to as "The Principal" which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns of the First Part.
And

M/s_____, a company/ firm/ individual (status of the company), PSU/Partnership/Joint Venture and having its registered office atrepresented by Shri_____, hereinafter referred to as "The Bidder/Contractor" which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns of the Second Part.

WHEREAS the Principal proposes to procure _____ (Name of the work/ goods/ services) and The Bidder/Contractor is willing to offer against NIT No_____, aforesaid proposal of the Principal.

WHEREAS the Bidder is a private company / public company/ Government undertaking/ partnership/ consortium/ joint venture company/ Firm/ Individual (status of the Company), constituted in accordance with the relevant law in the matter and the Principal is an autonomous body under Ministry of Youth Affairs and Sports.

NOW, THEREFORE, To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:-

Enabling the Principal to obtain the desired said (goods/ services) at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling the Bidder(s) to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the Principal will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties here by agree to enter into this Integrity Pact & agree as follows:

1.0 Commitments of the Principal

- 1.1 The Principal undertakes that no official of the Principal, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the Bidder, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.

- 1.2 The Principal will, during the pre-contract stage, treat all Bidders alike, and will provide to all the Bidders the same information and will not provide any such information to any particular Bidder which could afford an advantage to that particular Bidder in comparison to other Bidders.
- 1.3 All the officials of the Principal will report to the appropriate Authority any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

2.0 In case any such preceding misconduct on the part of such official(s) is reported by the Bidder to the Principal with full and verifiable facts and the same is prima facie found to be correct by the Principal, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the Principal and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the Principal the proceedings under the contract would not be stalled.

3.0 Commitments of the Bidder(s)

The Bidder(s) commits itself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:

- 3.1 The Bidder(s) will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the Principal, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation/completion of the contract.
- 3.2 The Bidder further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the Principal or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Government for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the Government.
- 3.3 The Bidder(s) shall disclose the name and address of agents and representatives, and Indian Bidder(s) shall disclose their foreign principals or associates.
- 3.4 The Bidder(s) shall disclose the payments to be made by them to agents/brokers or any other intermediary, in connection with this bid/contract.

- 3.5 If applicable, The BIDDER further confirms and declares to the PRINCIPAL that the BIDDER is the original manufacturer/integrator/authorised government sponsored export entity of the defence stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the PRINCIPAL or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.
- 3.6 The Bidder, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the Principal or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.
- 3.7 The Bidder will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.
- 3.8 The Bidder will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.
- 3.9 The Bidder shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The Bidder also undertakes to exercise due and adequate care lest any such information is divulged.
- 3.10 The Bidder(s) commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.
- 3.11 The Bidder(s) shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.
- 3.12 If the Bidder or any employee of the Bidder or any person acting on behalf of the Bidder, either directly or indirectly, is a relative of any of the officers of the Principal, or alternatively, if any relative of an officer of the Principal has financial interest/stake in the Bidder(s) firm, the same shall be disclosed by the Bidder at the time of filling of tender.

The term 'relative' for this purpose would be as defined in Section 6 of the Companies Act 1956.

- 3.13 The Bidder(s) shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the Principal.
- 3.14 The representative of the Bidder(s) signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will wait their decision in the matter.
- 3.15 In case of sub-contracting, the bidder/principal contractor shall take the responsibility of the adoption of IP by the sub-contractor.

4.0 Previous Transgression

- 4.1 The Bidder(s) declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect on any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any Government Department in India that could justify Bidder's exclusion from the tender process.
- 4.2 The bidder agrees that if I make incorrect statement on this subject, Bidder can be disqualified from the tender process or the contract , if already awarded, can be terminated for such reason.

5.0 Earnest Money (Security Deposit)

- 5.1 While submitting commercial bid, the bidder shall deposit an amount (to be specified in RFP) as Earnest Money/Security Deposit, with the Principal through any of the following instruments:
- i. Bank Draft or Pay Order in Favour of.....
 - ii. A confirmed guarantee by an Indian Nationalized bank, promising payment of guarantee sum to the Principal on demand within three working days without any demur whatsoever and without seeking any reason whatsoever. The demand for payment by the Principal shall be treated as conclusive proof of payment
 - iii. Any other mode or through any other instrument (to be specified in the RFP)
- 5.2 The Earnest Money/Security Deposit shall be valid upto a period of five years or the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and the PRINCIPAL, including warranty period, whichever is later.
- 5.3 In case of the successful BIDDER a clause would also be incorporated in the Article pertaining to Performance Guarantee in the Contract that the provisions of Sanctions for Violation shall be applicable for forfeiture of Performance Guarantee in case of a decision by the PRINCIPAL to forfeit the

same without assigning any reason for imposing sanction for violation of this Pact.

- 5.4 No interest shall be payable by the PRINCIPAL to the BIDDER on Earnest Money/Security Deposit for the period of its currency.

6.0 Sanctions for Violations

- 6.1 Any breach of the aforesaid provisions by the Bidder or any one employed by it or acting on its behalf shall entitle the Principal to take all or any one of the following actions, wherever required:
- i.** To immediately call off the pre contract negotiations without assigning any reason or giving any compensation to the Bidder. However, the proceedings with the other Bidder(s) would continue.
 - ii.** The Earnest Money Deposit (in pre-contract stage) and/or Security Deposit/Performance Guarantee (after the contract is Signed) shall stand forfeited either fully or partially, as decided by the Principal and the Principal shall not be required to assign any reason thereof.
 - iii.** To immediately cancel the contract, if already signed, without giving any compensation to the Bidder.
 - iv.** To recover all sums already paid by the PRINCIPAL, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from the PRINCIPAL in connection with any other contract for any other stores, such outstanding payment could also be utilised to recover the aforesaid sum and interest.
 - v.** To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the PRINCIPAL, along with interest.
 - vi.** To cancel all or any other Contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the PRINCIPAL resulting from such cancellation/rescission and the PRINCIPAL shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.
 - vii.** To debar the Bidder from participating in future bidding processes of the Govt. of India for a minimum period of five years, which may be further extended at the discretion of the Principal.
 - viii.** To recover all sums paid in violation of this Pact by Bidder(s) to any middleman or agent or broker with a view to securing the contract.
 - ix.** In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the Principal with the Bidder, the same shall not be opened/operated.

- x.** Forfeiture of Performance Security in case of a decision by the Principal to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.
- 6.2 The Principal will be entitled to take all or any of the actions mentioned at para 6.1 (i) to (x) of this Pact also on the Commission by the Bidder or any one employed by it or acting on its behalf (whether with or without the knowledge of the Bidder), of an offence as defined in Chapter IX of the Indian Penal Code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.
- 6.3 The decision of the Principal to the effect that a breach of the provisions of this Pact has been committed by the Bidder shall be final and conclusive on the Bidder. However, the Bidder can approach the Independent External Monitor(s) appointed for the purposes of this Pact.

7.0 Fall Clause:

- 7.1 The BIDDER undertakes that it has not supplied/is not supplying similar product/systems or subsystems at a price lower than that offered in the present bid in respect of any other Ministry/Department of the Government of India or PSU and if it is found at any stage that similar product/systems or sub systems was supplied by the BIDDER to any other Ministry/Department of the Government of India or a PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the PRINCIPAL, if the contract has already been concluded.

8.0 Independent Monitors:

- 8.1 The Principal has appointed Independent Monitors (hereinafter referred to as monitors) for this Pact in consultation with the Central Vigilance Commission. The Name and contact details of Independent External Monitor (IEM) is as below:

1. Sh. P Mallikharjuna Rao, IFOS(Retd)
72, Prashasan Nagar,
Jubileehills, Hyderabad
M. No – 9440576170
Email: pmkrao72@gmail.com
2. Sh. Janak Digal,
Plot No. 1B/2, Sector-11, CDA,
Markat Nagar, Cuttack, Odisha - 753015
M. No.- 09971116084, Email: janakdigal85@gmail.com

- 8.2 The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.
- 8.3 The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.
- 8.4 Both the parties accept that the Monitors have the right to access all the documents relating to the project/procurement, including minutes of meetings.
- 8.5 As soon as the Monitor notices, or has reason to believe, a violation of this Pact, he will so inform the authority designated by the Principal.
- 8.6 The Bidder(s) accepts that the Monitor has the right to access without restriction, to all Project documentation of the Principal including that provided by the Bidder. The Bidder will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractor(s). The Monitor shall be under contractual obligation to treat the information and documents of the Bidder/Subcontractor(s) with confidentiality.
- 8.7 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the Monitor the option to participate in such meetings.
- 8.8 The Monitor will submit a written report to the designated authority of the Principal/Secretary in the Department within 8 to 10 weeks from the date of reference or intimation to him by the Principal/Bidder and should the occasion arise, submit proposals for correcting problematic situations.

9.0 Facilitation of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, the Principal or its agencies shall be entitled to examine all the documents including the Books of Accounts of the Bidder and the Bidder shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

10.0 Law and Place of Jurisdiction:

This Pact is subject to Indian Law. The place of performance and jurisdiction is the seat of the Principal.

11.0 Other Legal Actions

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

12.0 Validity

12.1 The validity of this Integrity Pact shall be from date of its signing and extend upto 5 years or the complete execution of the contract to the satisfaction of both the Principal and The Bidder/Contractor, including warranty period, whichever is later. In case BIDDERS is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.

12.2 Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intention.

13.0 The Parties hereby sign this Integrity Pact as part of the contract
at _____ on _____

(Principal)

(Bidder)

(Office Seal)

(Office Seal)

Place

Place

Date:.....

Date:.....

Witness

1: Witness

1:

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

(Name & Address)

(Name & Address)

PROFORMA OF BANK GUARANTEE (FOR MOBILIZATION ADVANCE)SPORTS AUTHORITY OF INDIA,

1. In consideration of the SAI(hereinafter called "the Corporation" which expression shall unless repugnant to the subject or context include his successor and assigns) having agreed under the terms and conditions of Contract dated made between and the Corporation in connection with (Hereinafter called "the said contract") to make at the request of the Contractor a Mobilization Advance of Rs for utilizing it for the purpose of the Contract on his furnishing a guarantee acceptable to the Corporation, we theBank (hereinafter referred to the "the said Bank") and having our Registered Office at do hereby guarantee the due recovery by the Corporation of the said advance as provided according to the terms and conditions of the Contract. Wedo hereby undertake to pay the amount due and payable under this Guarantee without any demur, merely on a demand from the Corporation stating that the amount claimed is due to the Corporation under the said Agreement. Any such demand made on the shall be conclusive as regards the amount due and payable by the under this guarantee and agree that the liability of the to pay the Corporation the amount so demanded shall be absolute and unconditional notwithstanding any dispute or disputes raised by the Contractor and notwithstanding any legal proceeding pending in any Court or Tribunal relating thereto. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs
2. WeBank further agree that the Corporation shall be the sole judge of and as to whether the amount claimed has fallen due to the corporation under the said agreement or whether the said Contractor has not utilized the said advance or any part thereof for the purpose of the Contract and the extent of loss or damage caused to or suffered by the Corporation on account of the said advance together with interest not being recovered in full and the decision of the Corporation that the amount has fallen due from contractor or the said Contractor has not utilized the said advance or any part thereto for the purpose of the contract and as to the amount or amounts of loss or damage caused to or suffered by the Corporation shall be final and binding on us.
3. We, the said Bank, further agree that the Guarantee herein contained shall remain in full force and effect till the said advance has been fully recovered and its claims satisfied or discharged and till SAI certify that the said advance has been fully recovered from the said Contractor, and accordingly discharges this Guarantee subject, however, that the Corporation shall have no claims under this Guarantee

after the said advance has been fully recovered, unless a notice of the claims under this Guarantee has been served on the Bank before the expiry of the said Bank Guarantee in which case the same shall be enforceable against the Bank.

4. The Corporation shall have the fullest liberty without affecting in any way the liability of the Bank under this Guarantee or indemnity from time to time to vary any of the terms and conditions of the said Contract or the advance or to extend time of performance by the said Contractor or to postpone for any time and from time to time of the powers exercisable by it against the said Contractor and either to enforce or forbear from enforcing any of terms and conditions governing the said Contract or the advance or securities available to the Corporation and the said Bank shall not be released from its liability under these presents by any exercise by the Corporation of the liberty with reference to the matters aforesaid or by reasons of time being given to the said Contractor or any other forbearance, act or omission on the part of the Corporation or any indulgence by the Corporation to the said Contractor or of any other matter or thing whatsoever which under the law relating to sureties would but for this provision have the effect of so releasing the bank from its such liability.
5. It shall not be necessary for the Corporation to proceed against the Contractor before proceeding against the Bank and the Guarantee herein contained shall be enforceable against the Bank notwithstanding any security which the Corporation may have obtained or obtain from the Contractor or shall at the time when proceedings are taken against the Bank hereunder be outstanding or unrealized.
6. We, the said Bank, lastly undertake not to revoke this Guarantee during its currency except with the previous consent of the Corporation in writing and agree that any change in the constitution of the said Contractor or the said Bank shall not discharge our liability hereunder.

Dated this day of

For and on behalf of Bank

(NAME AND DESIGNATION)

Dated:

GUARANTEE TO BE EXECUTED BY CONTRACTOR FOR ANTI-TERMITE TREATMENT

THIS AGREEMENT made this _____ Day of Two Thousand _____ between M/s _____ (hereinafter called the guarantor of the one part) and M/s SPORTS AUTHORITY OF INDIA, (hereinafter called the SAI) the OWNER of the other part.

Whereas this agreement is supplementary to the contract hereinafter called the contract dated _____ made between the guarantor of the one part and Sports Authority of India, of the other part whereby the contractor inter-alia, understood to render the buildings and structures in the said contract recited, completed, termite proof. And whereas the guarantor agreed to give a guarantee to the effect that the said structure will remain termite proof for TEN YEARS to be so reckoned from the date after the maintenance period prescribed in the contract expires.

During this period of guarantee, the guarantor shall make good all defects and for that matter shall replace at his risk and cost such wooden member as may be damaged by termite and in case of any other defect being found, he shall render the building termite proof at his cost to the satisfaction of the Engineer-In-Charge and shall commence the works of such rectification within seven days from date of issuing notice from the Engineer-In-Charge calling upon him to rectify the defects failing which the work shall be got done by SAI/ OWNER by some other contractor at the guarantor's cost and risk and in the later case the decision of the Engineer-In-Charge as to the cost recoverable from the guarantor shall be final and binding.

That if the Guarantor fails to execute the Anti-Termite Treatment or commits breaches hereunder then the Guarantor will indemnify SAI against all losses damages, cost expenses or otherwise which may be incurred by him by reasons of any default on the part of the guarantor in performance and observance of this supplemental Agreement. As to the amount of loss and or damage and/or cost incurred by SAI/ OWNER decision of the Engineer-In-Charge will be final and binding on the parties.

In witness where of these presents have been executed by the guarantor _____ and by _____ for and on behalf of SAI on the day of month and year first above written.

Signed sealed and delivered by (Guarantor)

IN THE PRESENCE OF:

- 1.
- 2.

Signed for and on behalf of SAI by/ in presence of: 1.

- 2.

AGREEMENT FORM

This agreement made this day of (Month) (Year), between the SPORTS AUTHORITY OF INDIA (SAI), a company incorporated under the Companies Act, 1956 having its Registered Office at 30-31, Raja House, Nehru Place, New Delhi – 110019 (hereinafter referred to as the "SAI" which expression shall include its administrators, successors, executors and assigns) of the one part and M/s _____ (NAME OF CONTRACTOR) (hereinafter referred to as the 'Contractor' which expression shall unless the context requires otherwise include its administrators, successors, executors and permitted assigns) of the other part.

WHEREAS, SAI, has desirous for _____ (NAME OF WORK) (hereinafter referred to as the "PROJECT") on behalf of _____ (NAME OF OWNER/MINISTRY) (hereinafter referred to as "OWNER"), had invited tender as per tender documents vide NIT No. _____.

AND WHEREAS _____ (NAME OF CONTRACTOR) had participated in the above-referred tender vide their tender dated _____ and SAI has accepted their aforesaid tender and award the contract for _____ (NAME OF PROJECT) on the terms and conditions contained in its Letter of Intent No. _____ and the documents referred to therein, which have been unequivocally and unconditionally accepted by _____ (NAME OF CONTRACTOR) vide their acceptance letter dated _____ resulting into a contract.

NOW THEREFORE THIS DEED WITNESSETH AS UNDER:

ARTICLE 1.0 – AWARD OF CONTRACT

1.1 SCOPE OF WORK

SAI has awarded the contract to _____ (NAME OF CONTRACTOR) for the work of _____ (NAME OF WORK) on the terms and conditions in its Letter of Intent No. _____ dated _____ and the documents referred to therein. The award has taken effect from _____ (DATE) i.e. the date of issue of aforesaid Letter of Intent. The terms and expressions used in this agreement shall have the same meanings as are assigned to them in the "Contract Documents" referred to in the succeeding Article.

ARTICLE 2.0 – CONTRACT DOCUMENTS

The contract shall be performed strictly as per the terms and conditions stipulated herein and in the following documents attached herewith (hereinafter referred to as "Contract Documents").

- a) SAI Notice Inviting Tender vide No. _____ date _____ and SAI's tender documents consisting of:
 - i) General Conditions of Contract (GCC) & Special Conditions of Contract

(SCC) including Appendices & Annexure along with amendment(s) / errata (if any) issued (Volume-I).

- ii) Bill of Quantities along with amendment(s)/corrigendum(s), if any, (Volume-II).
- iii) Technical Specifications along with amendment(s) / corrigendum(s), if any, (Volume-III).
- iv) Tender drawings along with amendment(s) / corrigendum(s), if any, (Volume-IV).

v) _____

vi) _____

b) _____ (NAME OF CONTRACTOR) letter proposal dated _____ and their subsequent communication:

i) Letter of Acceptance of Tender Conditions dated _____

ii) _____

iii) _____

SAI's detailed Letter of Intent No. _____ dated _____ including Bill of Quantities, Agreed Time Schedule, Contractor's Organisation Chart and List of Plant and Equipments submitted by Contractor.

All the aforesaid contract documents referred to in Para 2.1 and 2.2 above shall form an integral part of this Agreement, in so far as the same or any part thereof column, to the tender documents and what has been specifically agreed to by SAI in its Letter of Intent. Any matter inconsistent therewith, contrary or repugnant thereto or deviations taken by the Contractor in its "TENDER" but not agreed to specifically by SAI in its Letter of Intent, shall be deemed to have been withdrawn by the Contractor without any cost implication to SAI. For the sake of brevity, this Agreement along with its aforesaid contract documents and Letter of Intent shall be referred to as the "Contract".

ARTICLE 3.0 – CONDITIONS & CONVENANTS

The scope of Contract, consideration, terms of payments, advance, security deposits, taxes wherever applicable, insurance, agreed time schedule, compensation for delay and all other terms and conditions contained in SAI's Letter of Intent No. _____ dated _____ are to be read in conjunction with other aforesaid contract documents. The contractor shall duly perform the contract strictly and faithfully in accordance with the terms of this contract.

The scope of work shall also include all such items which are not specifically mentioned in the Contract Documents but which are reasonably implied for the satisfactory completion of the entire scope of work envisaged under this contract unless otherwise specifically excluded from the scope of work in the Letter of Intent. The Contractor shall adhere to all requirements stipulated in the Contract Documents.

Time is the essence of the Contract and it shall be strictly adhered to. The progress of work shall conform to Agreed Works Schedule/ Contract Documents and Letter of Intent.

This agreement constitutes full and complete understanding between the parties and terms of the presents. It shall supersede all prior correspondence to the extent of inconsistency or repugnancy to the terms and conditions contained in Agreement. Any modification of the Agreement shall be effected only by a written instrument signed by the authorized representative of both the parties. The rate quoted by M/s _____ (NAME OF CONTRACTOR) is _____. The total contract price for the entire scope of this contract as detailed in Letter of Intent is Rs. _____ (Rupees _____ only), which shall be governed by the stipulations of the contract documents.

ARTICLE 4.0 – NO WAIVER OF RIGHTS

Neither the inspection by SAI or the Engineer-In-Charge or Owner or any of their officials, employees or agents nor order by SAI or the Engineer-In-Charge for payment of money or any payment for or acceptance of, the whole or any part of the work by SAI or the Engineer-In-Charge nor any extension of time nor any possession taken by the Engineer-In-Charge shall operate as waiver of any provisions of the contract, or of any power herein reserved to SAI, or any right to damage herein provided, nor shall any waiver of any breach in the contract be held to be a waiver or any other or subsequent breach.

ARTICLE 5.0 – GOVERNING LAW AND JURISDICTION

The Laws applicable to this contract shall be the laws in force in India and jurisdiction of New Delhi Court (s) only. Notice of Default given by either party to the other party under the Agreement shall be in writing and shall be deemed to have been duly and properly served upon the parties hereto, if delivered against acknowledgment due or by FAX or by registered mail duly addressed to the signatories at the address mentioned herein above.

IN WITNESS WHEREOF, the parties through their duly authorized representatives have executed these presents (execution whereof has been approved by the Competent Authorities of both the parties) on the day, month and year first above mentioned at New Delhi.

For and on behalf of:

For and on behalf of:

(NAME OF CONTRACTOR)

SPORTS AUTHORITY OF INDIA WITNESS:

WITNESS:

1.

1.

2.

2.

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY

To

_____.

WHEREAS _____ (Name and address of the supplier) (Hereinafter called "the supplier") has undertaken, in pursuance of contract no. _____ dated _____ for (description of services) (herein after called "the contract"). AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee from a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract; AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of. _____ (Amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid up to ----- days beyond the date of expiry of contract period as per RFP.

(Signature with date of the authorized officer of the Bank)

.....

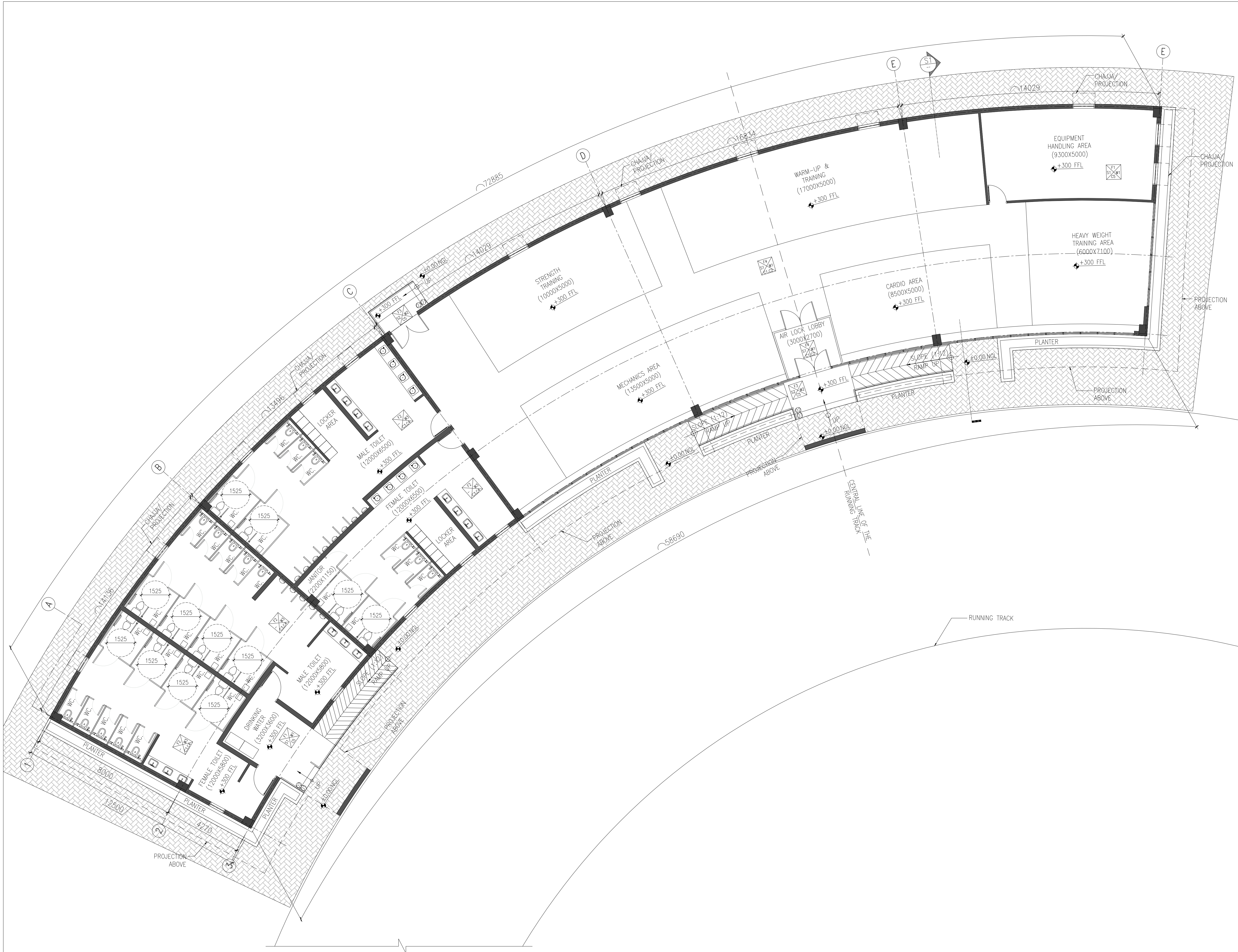
Name and designation of the officer

.....

.....

Seal, name & address of the Bank and address of the Branch

CHAPTER 9 – DRAWINGS



1 GROUND FLOOR PLAN
SCALE - 1:100

GENERAL NOTES :

1. THIS DRAWINGS IS TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
2. ALL DIMENSIONS ARE IN MM (UNLESS SPECIFIED) AND SHOULD BE READ NOT SCALED
3. LEVELS MARKED IN DRAWINGS ARE FINISHED FLOOR LEVELS UNLESS SPECIFIED
4. DOORS AND WINDOWS OPENINGS DENOTE MASONRY OPENINGS ONLY
5. (FINISHED) MASONRY OPENING TO BE CHECKED AT SITE
6. EXECUTION OF SHAFT BRICK WORK SHALL BE COORDINATED WITH SERVICES DRAWINGS.
7. ALL FRESH AIR LOUVERED OPENINGS TO BE COORDINATED WITH SERVICES DRAWINGS.
8. ANY DISCREPANCY AT SITE SHOULD BE BROUGHT TO THE NOTICE OF ARCHITECT/ENGINEER IMMEDIATELY.

0	ISSUED FOR APPROVAL	08.05.2025	OS	AB	B.N
REV.	DESCRIPTION	DATE	DWN.	CHKD.	APPD.

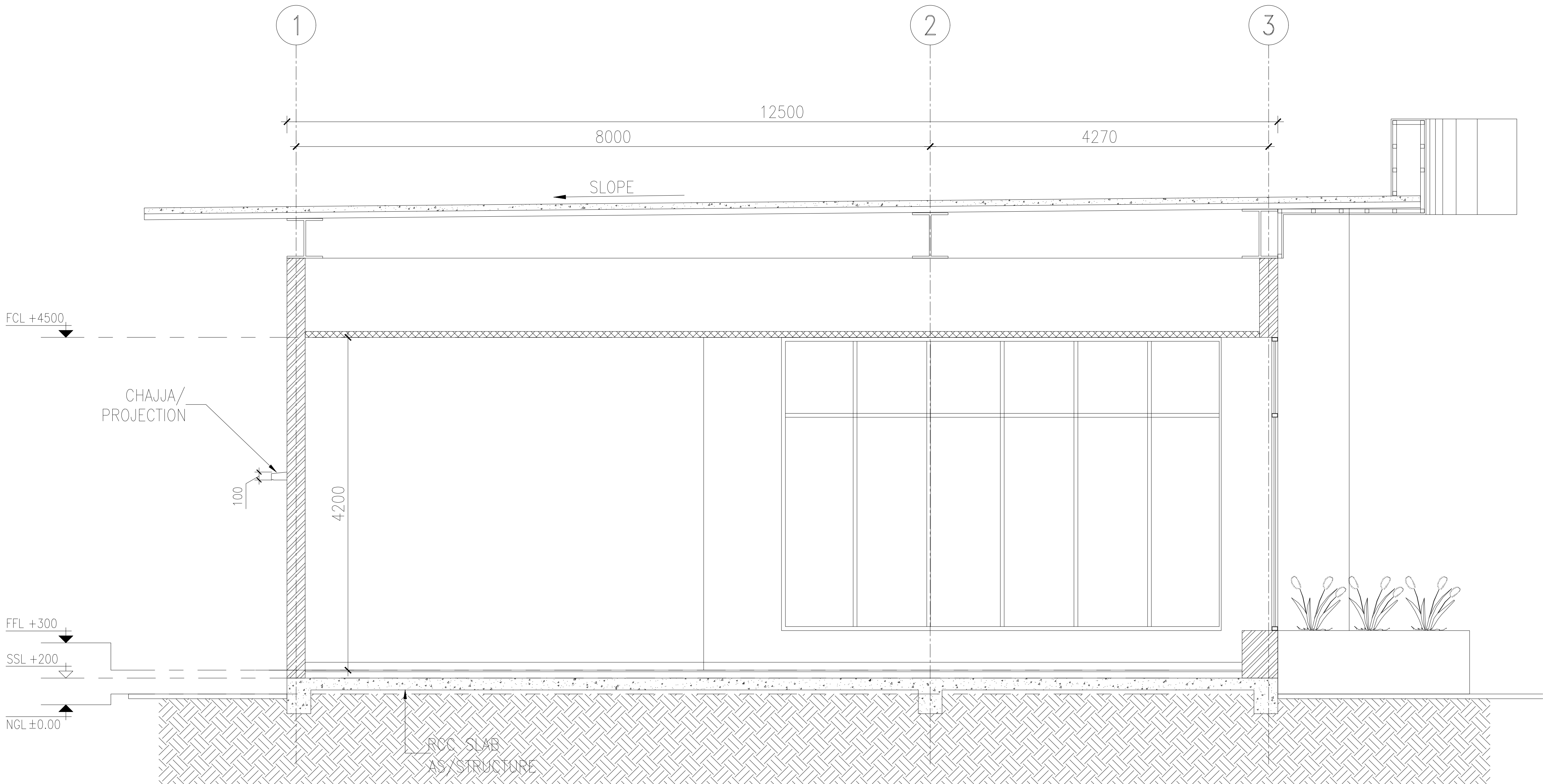
LEVEL REFERENCE

ARCHITECT :
SABS
ARCHITECTS & ENGINEERS PVT. LTD.
Studio : D-38, Second Floor, Sec-02,
Noida, Uttar Pradesh- 201301

PROJECT :
**JAWAHARLAL NEHRU STADIUM,
NEW DELHI,**

TITLE :
**GYM & TOILET FACILITY
GROUND FLOOR PLAN**

THIS IS A CAD DRAWING AND MUST NOT BE ALTERED MANUALLY					
CAD FILE NAME:	SCALE: 1: 100	ORIG. DWG SIZE :	A1	REV	
DRAWING NUMBER: SABS-NCOE-DL-AR-001-001					



1 SECTION S1
SCALE-1:30

GENERAL NOTES :

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Studio : D-38, Second Floor, Sec-02,
Noida, Uttar Pradesh- 201301

PROJECT :
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NEW DELHI,**

TITLE :
**GYM & TOILET FACILITY
SECTION**

THIS IS A CAD DRAWING AND MUST NOT BE ALTERED MANUALLY					
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DRAWING NUMBER: SABS-NCOE-DL-AR-003-001



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