



राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान जायस, अमेठी, उ. प्र.

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

JAIS, AMETHI (U.P.) – 229304

Website: [www.rgipt.ac.in](http://www.rgipt.ac.in)

**e-TENDER FOR**  
**“CONSTRUCTION OF SWIMMING POOL AT RGIPT, JAIS CAMPUS”**

Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais, Amethi, Uttar Pradesh has been established through an Act of the Parliament by the Ministry of Petroleum and Natural Gas (MoPNG), Government of India in 2008.

The Institute has been accorded the eminence of being an Institution of National Importance on the lines of the IITs. The Institute is associating with leading International Universities/ Institutions specializing in Petroleum Technology and Energy.

The Institute invites **online bids** for Two Part Bid System (**Technical Bid & Financial Bid**) for the **Construction of Swimming Pool at RGIPT Jais Campus**.

**PART – A: TECHNICAL BID**

**\*This tender documents have total 117 pages**

## **CRITICAL DATE AND INFORMATION**

<b>Name of Work</b>	Construction of Swimming Pool at RGIPT Jais Campus, Amethi
<b>Tender No.</b>	RGIPT/SWIM-POOL/01/2026 dated 03.02.2026
<b>Date of Issue/publication of Tender Notice</b>	3 <sup>rd</sup> Feb 2026, 1700, Hrs
<b>Bid Document Download Date &amp; Time</b>	3 <sup>rd</sup> Feb 2026, 1700, Hrs
<b>Pre-Bid Meeting Date, Time &amp; Venue (Allqueries shall be discussed in the Pre-Bid Meeting.)</b>	18 <sup>th</sup> Feb 2026, 03:00 PM. IWD Office, Ground Floor of Hostel 'E' Block, RGIPT Jais, Amethi - 229304
<b>Bid Submission Start Date &amp; Time</b>	3 <sup>rd</sup> Feb 2026, 1700 Hrs
<b>Last Date and time of submission of Bids</b>	23 <sup>rd</sup> Feb 2026, 1600 Hrs
<b>Date and time of opening of Bids</b>	24 <sup>th</sup> Feb 2026, 1600 Hrs
<b>Clarification Start Date</b>	3 <sup>rd</sup> Feb 2026, 1700 Hrs
<b>Clarification End Date</b>	23 <sup>rd</sup> Feb 2026, 1600 Hrs
<b>Earnest Money Deposit</b>	Rs.3,50,000/- (Rupees Three Lakh Fifty Thousand only)
<b>Bid Validity Period</b>	120 days from the date of opening
<b>Bid Address to the</b>	<b>The Chairman, IWC &amp; IEC, Rajiv Gandhi Institute of Petroleum Technology, Mubarakpur,Mukhetia, Bahadurpur Post: Harbanshganj, Jais, Amethi – 229304</b>
<b>Contact person &amp; address for communication</b>	<b>Name: Shri Harish Kumar Yadav, Executive Engineer (Civil), Institute Works Department, Email: <a href="mailto:executive_engineer@rgipt.ac.in">executive_engineer@rgipt.ac.in</a> Contact Nos. +91 9565993399/ +91-9936112356</b>

**Notes:**

1. Details regarding the tender are available on website of the Institute <https://www.rgipt.ac.in> and Central Public Procurement Portal (CPP Portal).
2. Tender documents may be downloaded from the above-mentioned websites. Bidders are therefore requested to visit the websites regularly to keep themselves updated. Any Addendum/Corrigendum will be displayed on the aforesaid websites only.
3. For submission of e-Bids, bidders are required to get themselves registered with CPP Portal.
4. Payment proof pertaining to EMD (in case of payment of EMD through NEFT/RTGS transaction, copy of the same is required to be enclosed with the bid document) to be sent to the Institute at the address indicated below on or before bid opening date/time as mentioned in critical date sheet.
5. Tender documents received in incomplete shape or beyond the stipulated period shall not be entertained under any circumstances. The authority reserves the right to accept or reject any or all tenders without assigning any reason thereof.
6. Earnest Money Deposit (EMD) of **Rs.3,50,000/- (Rupees Three Lakh Fifty Thousand only)** in the form of NEFT/Demand Draft, Fixed Deposit Receipt (FDR) issued by any Nationalized Bank in favour of “**Rajiv Gandhi Institute of Petroleum Technology, payable at Jais**”.

**Bank Account Details of the Institute:**

**Name:** Rajiv Gandhi Institute of Petroleum Technology

**Bank:** Bank of Baroda

**Address:** RGIPT Campus, Bahadurpur Jais, Amethi.

**Account No.** 59480100000001

**IFSC Code:** BARB0JAICAM (5<sup>th</sup> Character is ZERO)

**ADDRESS OF THE INSTITUTE:**

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, Mubarakpur, Mukhtia More, Bahadurpur, Post: Harbanshganj, Jais, Amethi, Uttar Pradesh 229304, Website: [www.rgipt.ac.in](http://www.rgipt.ac.in)

## **INTRODUCTION**

Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais, Amethi, Uttar Pradesh has been established through an Act of the Parliament by the Ministry of Petroleum and Natural Gas (MoPNG), Government of India in 2008.

The Institute has been accorded the eminence of being an Institution of National Importance on the lines of the IITs. The Institute is associating with leading International Universities/ Institutions specializing in Petroleum Technology and Energy.

The prime objective of the Institute is to provide education, training, and research to roll out efficient human resources, and to meet the growing requirements of the Petroleum and Energy sector.

The main campus of the Institute is located at Jais, Amethi, Uttar Pradesh and B. Tech., M. Tech., MBA and Ph.D. programmes from there. The Institute has set up two centres, namely- Assam Energy Institute (AEI), Sivasagar and Energy Institute, Bengaluru (EIB) to offer Diploma and M. Tech. programmes respectively.

## **INSTRUCTIONS FOR ONLINE BID SUBMISSION (GUIDELINE FOR BIDDER):**

The bidders are required to submit soft copies of their bids electronically on the CPP Portal using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <http://eprocure.gov.in/eprocure/app>.

### **1. Registration**

- (a) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <http://eprocure.gov.in/eprocure/app>) by clicking on the link "Online bidder Enrollment" on the CPP Portal which is free of charge.
- (b) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- (c) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- (d) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sift/ nCode / eMudhra etc.), with their profile.
- (e) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- (f) Bidder then logs in to the site through the secured log-in by entering their user ID/Password



and the password of the DSC/ e-Token.

## **2. Searching for Tender Documents**

- (a) There is various search options built in the CPP Portal, to facilities bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, location, Date Value, etc. there is also an option of advanced ~~search~~ for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- (b) Once the bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective 'my Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS/e-mail in case there is any corrigendum issued to the tender document.
- (c) The bidder should make a note of the unique Tender ID assigned to each tender; in case they want to obtain any clarification/help from the Helpdesk.

## **3. Preparation of Bids**

- (a) Bidder should consider any corrigendum published on the tender document before submitted their bids.
- (b) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents must be submitted, the number of documents including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- (c) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule any generally, they can be in PDF/XLS/RAR/DWF/JPG formats. Bid document may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- (d) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificate etc.) has been provided to the bidders. Bidders can use "My space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My space" area while submitting a bid, and need not be upload again and again. This will lead to a reduction in the time required for bid submission process.

## **4. Submission of Bids**

- (a) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

- (b) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- (c) Bidders are required to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be download and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the file name. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- (d) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders; opening of bids etc. the bidders should follow this time during bid submission.
- (e) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- (f) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- (g) Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- (h) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid, this acknowledgement may be used as an entry pass for any bid opening meetings.

**5. Assistance to Bidders**

- (a) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- (b) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24X7 CPP Portal Helpdesk.

**RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY**  
**JAIS, AMETHI (U.P.) – 229 304**

**Tender Documents for Construction of Swimming Pool at RGIPT, Jais Campus**

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## **NOTICE INVITING E-TENDER**

Rajiv Gandhi Institute of Petroleum Technology (RGIPT) invites **percentage rate e-tender** under Two Part Bid System (Technical Bid and Financial Bid) from reputed, experienced and financially sound parties for Construction of Swimming Pool at RGIPT, Jais Campus

<b>Name of the Work</b>	Construction of Swimming Pool at RGIPT, Jais Campus
<b>Type of Tender</b>	Percentage Rate tender
<b>Notice Inviting Tender No.</b>	Tender No: RGIPT/SWIM- POOL/01/2026, Date- 03/02/2026
<b>Estimated Cost</b>	Rs.1,08,17,342/- (Rupees One Crore Eight Lakh Seventeen Thousand Three Hundred Forty-Two only)
<b>EMD (Earnest Money Deposit)</b>	Rs.3,50,000/- (Rupees Three Lakh Fifty Thousand only) in the form of NEFT/Demand Draft, Fixed Deposit Receipt (FDR) issued by any Nationalized Bank in favour of “Rajiv Gandhi Institute of Petroleum Technology, payable at Jais”. Please note that Bids received without the EMD will not be considered and will be summarily rejected. <b><u>Works contracts are excluded from the purview of Public Procurement Policy for MSE Order, 2012, EMD exemption will not be provided to MSE’s bidders.</u></b>
<b>Work Completion Period</b>	The work completion period of contract shall be 150 days from date of issue of Letter of Award.
<b>Performance Guarantee</b>	5.00 % (Five Percent Only) of contract value within 10 days from the issue of Letter of Award.
<b>Defect Liability Period</b>	Twelve (12) months from the date of taking over of the works by the RGIPT.
<b>Time allowed for starting the work</b>	The date of start of contract shall be reckoned from date of issue of Letter of Award.
<b>Issue of Tender</b>	The Tender document link can be obtained from the Institute website – <a href="http://www.rgipt.ac.in">www.rgipt.ac.in</a> and Central Public Procurement Portal <a href="https://eprocure.gov.in">https://eprocure.gov.in</a> (e-tendering website). Please keep visiting website for any corrigendum /amendments and submit the bid documents.
<b>Contact Person (for any clarification)</b>	Executive Engineer (Civil), e-mail: <a href="mailto:hkyadav@rgipt.ac.in">hkyadav@rgipt.ac.in</a> , Mobile No.+91-9565993399/ +91-9936112356

## **INSTRUCTIONS TO BIDDERS**

Online E- Tenders on **Percentage Rate Contract** basis are hereby invited under 'Two Part Bid System' i.e. Technical Bid and Financial Bid for "Construction of Swimming Pool at RGIPT, Jais Campus" from CPWD/State PWD/MES/Railways as Civil Contractor.

### **1. ELIGIBILITY CRITERIA:**

- a) The bidder must be registered with CPWD/State PWD/MES/Railways as Civil Contractor.
- b) The tenderers should have successfully completed similar work during last 7 (Seven) years ending on 31<sup>st</sup> January 2026 should be either of the following: -
  - i) Three similar completed works each of costing not less than the amount equal to 40 (forty) percent of the estimated cost i.e. Rs. 43.50 Lakhs; or
  - ii) Two similar completed works each of costing not less than the amount equal to 50 (fifty) percent of the estimated cost i.e. Rs. 54.10 Lakhs; or
  - iii) One similar completed work costing not less than the amount equal to 80 (eighty) percent of the estimated cost i.e. Rs. 87.00 Lakhs

The bidders are required to produce proof of fulfilling these conditions (along with **Annexure 12** duly filled in) while submitting tender.

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 the date of opening of technical bid.

This calculation shall be based on the completed days basis, (example: if a work is completed on 30.12.2018, and the date of opening of technical bid is 31.03.2020, then the enhancement shall be for 1 year and 91 days (1 year of 2019 + 1 day of December 2018 + 31 days of January 2020 + 29 days of February 2020 + 30 days of March 2020) and the applicable percentage enhancement shall be  $(7\% + 7\% \times 91 / 366)$ ).

**Similar nature of works means that the bidder should have completed the construction of building works or swimming pool completed in all respects, i.e. internal & external electrical installation, internal water supply, sanitary installation and drainage works etc.**

- c) The bidder should be an Indian Registered Company under Companies Act 1956/ Proprietorship / Firm / Company of any of these. Copy of Certificate of Incorporation / Registration or any other relevant document, as applicable, should be submitted along with a copy of address proof Copy of constitution or legal status of the sole proprietorship / firm / company etc.
- d) Acceptance of Tender Conditions as per **Annexure – 5**.
- e) Average Annual Financial Turnover during the last 3 years, ending 31<sup>st</sup> March 2025, should be of Rs.55.00 Lakhs. The last 3 financial years means Financial Year 2022-23, 2023-24 and 2024-25.
- f) Copy of Income Tax Return Filed Acknowledgement for last 3 years ending 31<sup>st</sup> March 2025 i.e. for financial years 2022-23, 2023-24 and 2024-25.
- g) Copy of audited Annual Account (Balance Sheets) of last 3 years, ending 31<sup>st</sup> March' 2025 i.e. for financial years 2022-23, 2023-24 and 2024-25.
- h) Earnest Money Deposit (EMD) for an amount of Rs.3,50,000/-.
- i) Copy of PAN Card.

- j) Copy of GSTIN registration certificate.
- k) Copy of Bank Account details.
- l) Proof of Registration of EPF, ESI.
- m) Affidavit regarding Blacklisting/Debar- Bidder shall submit affidavit on notarised non-judicial stamp paper of Rs 100.00 regarding firm not being blacklisted or debarred by any Government Department in any State in the format as prescribed as **Annexure – 11**.
- n) Duly filled format of Technical Bid as per **Annexure “1”**.
- o) **Tenderer should upload the complete tender document duly signed and stamped.**

## **2. PERCENTAGE RATE CONTRACT:**

i) The bidder should quote percentage above / below on the total amount of tender in percentage rate tender. If the tenderer does not quote any percentage above / below on the total amount of tender, the tender shall be treated as invalid and will not be considered as the lowest tender.

**In case any bidder encloses the price (financial) bid within technical bid, the same shall be rejected summarily.**

ii) In case the lowest tendered amount (estimated cost + amount worked on the basis of percentage above/below) of two or more contractors is same, such lowest contractors will be asked to submit sealed revised offer in the form of letter mentioning percentage above/ below on estimated cost of tender including all sub sections/sub heads as the case may be, but the revised percentage quoted above/below on tendered cost or on each sub section/ sub head should not be higher than the percentage quoted at the time of submission of tender.

The lowest tender shall be decided on the basis of revised offers. In case any such contractor refuses to submit a revised offer, then it shall be treated as withdrawal of his tender before acceptance and 50% of earnest money shall be forfeited. If the revised tendered amount of two more contractors received in revised offer is again found to be equal, the lowest tender, among such contractors, shall be decided by draw of lots in the presence of Chairman, Institute Works Department (IWD), the lowest contractors those have quoted equal amount of their tenders. In case all the lowest contractors those have quoted the same tendered amount, refuse to submit revised offers, then tenders are to be recalled after forfeiting 50% of EMD of each contractor. Contractor(s), whose earnest money is forfeited because of non-submission of revised offer, shall not be allowed to participate in the re-tendering process of the work.

## **3. EARNEST MONEY DEPOSIT**

- i. Earnest Money Deposit (EMD) amounting to Rs.3,50,000/- (Rupees Three Lakh Fifty Thousand Only) in the form of NEFT/Demand Draft, Fixed Deposit Receipt (FDR) issued by any Nationalized Bank in favour of “Rajiv Gandhi Institute of Petroleum Technology, payable at Jais”. Tender received without EMD will be invalid and rejected. **Since works contracts are excluded from the purview of Public Procurement Policy for MSE Order,2012, EMD exemption will not be provided to MSE’s bidders.**
- ii. The EMD shall be payable to RGIPT without any condition(s), recourse or reservations.
- iii. The bid will be rejected by RGIPT as non-responsive and shall not be considered in case EMD is not received.
- iv. The EMD of bidders other than L1 (Lowest Bidder) will be returned after finalization of tender.

- v. No interest shall be paid by RGIPT on the EMD.
- vi. The EMD may be forfeited:
  - a) if the bidder withdraws the bid after bid opening during the period of validity;
  - b) Any unilateral revision in the offer made by the tenderer during the validity of the offer.
  - c) Upon non-acceptance of Letter of Award (LOA), if and when placed.
  - d) In the case of a successful bidder; if the bidder fails to Sign the Agreement within the 20 (Twenty) days from the date of issue of Letter of Award (LOA) or furnish the required performance guarantee or fails to commence the work within the stipulated time period prescribed in the contract.
  - e) If any bidder furnishes any incorrect or false statement/ information/document.
- vii. The EMD of the L1 bidder will be returned after the deposition of Performance guarantee.

#### **4. Price bids of only those bidders will be opened, who qualify in the technical bids.**

Canvassing in connection with the tenders is prohibited and the tenders submitted by the contractor who resort to canvassing are liable for rejection.

#### **5. VALIDITY OF TENDER**

The tender for the works shall remain open for acceptance for a period of 120 (One Hundred Twenty) days from the date of opening of technical tender. If any tenderer withdraws his tender before the said period or makes any modifications in the terms and conditions of the tender which are not acceptable to the RGIPT, then the RGIPT shall, without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money as aforesaid. Further the tenderers shall not be allowed to participate in the retendering process of work.

#### **6. ACCEPTANCE OF TENDER**

RGIPT reserves the right to reject any or all the tenders in part or full without assigning any reason whatsoever. RGIPT does not bind itself to accept the lowest tender.

- i) On acceptance of tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from Engineer-in-Charge or its authorized representative shall be intimated by the contractor within 07 days of issue date of letter of Awards by RGIPT.
- ii) The tender award, execution and completion of work shall be governed by tender documents consisting of (but not limited to) Letter of Award/Letter of Work Order, Scope of Work, Bill of Quantities, Special Conditions of Contract, General Conditions of Contract, Specifications, Drawings. The tenderers shall be deemed to have gone through the various conditions including sub-soil water conditions, topography of the land, drainage and accessibility etc. or any other condition which in the opinion of contractor will affect his price/rates before quoting their rates. No claim whatsoever against the foregoing shall be entertained.
- iii) The drawings with the tender documents are Tender Drawing and are indicative only.

#### **7. ADDENDA/ CORRIGENDA**

Addenda/Corrigenda to the tender documents may be issued prior to the date of submission 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 & acceptance 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.

#### **8. SITE VISIT AND COLLECTING LOCAL INFORMATION**

Before tendering, the tenderers are 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 roads to the site, availability of water & power supply, application of taxes, duties and levies as applicable & 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 rates and no claim or extra charges whatsoever in this regard shall be entertained / payable by the RGIPT at a later date.

#### **9. HANDING OVER & CLEARING OF SITE**

The efforts will be made by the RGIPT 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 RGIPT shall only consider suitable extension of time for the execution of the work. It should be clearly understood that the RGIPT shall not consider any revision in contract price or any other compensation whatsoever viz. towards idleness of Contractor's labour, equipment etc.

#### **10. CLARIFICATION AFTER TENDER SUBMISSION**

Tenderer's attention is drawn to the fact that during the period, the tenders are under consideration, the tenderers are advised to refrain from contacting by any means, the RGIPT and/or his employees/ representatives on matters related to the tender under consideration and that, if necessary, RGIPT will obtain clarifications in writing or as may be necessary. The tender evaluation and process of award of works is done by duly authorized Tender Scrutiny Committee, and this committee is authorized to discuss and get clarification from the tenderers.

#### **11. ORDER OF PRECEDENCE OF DOCUMENTS**

In case of difference, contradiction, discrepancy, with regard to conditions of contract, Specifications, Drawings, Bill of quantities etc. forming part of the contract, the following shall prevail in order of precedence.

- i) Letter of Award, along with statement of agreed variations and its enclosures, if any.
- ii) Description of Bill of Quantity / Schedule of Quantities.
- iii) Special Condition of Contract
- iv) Drawings
- v) Scope of Work
- vi) General Conditions of Contract.
- vii) CPWD specifications (as specified in specification of the Tender) update with correction slips issued up to last date of receipt of tenders.
- viii) Relevant B.I.S. Codes



12. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.
13. The pre-bid meeting will be held at Office of Institute Works Department (IWD) on 18/02/2026 at 03:00 PM. Corrigendum of the said pre-bid meeting, if any, will be uploaded on CPP Portal as well as on RGIPT's e-tender website. The bidders are therefore requested to kindly check the portals before submission of their e-tender.
14. To acquaint themselves with the work, all the bidders are requested to visit the site by contacting the IWD Office on any working day (Monday to Friday) between 11:00 Hrs. to 16:00 Hrs. from 03/02/2026 to 23/02/2026 at RGIPT Jais Campus, Amethi or call on +91-9565993399/ +91-9936112356.

## **GENERAL CONDITIONS OF CONTRACT**

### **1.0 DEFINITIONS:**

The Contract means the documents forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of Rajiv Gandhi Institute of Petroleum Technology 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 In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them: -

- a) **APPROVAL** means approved in writing including subsequent written confirmation of previous verbal approval.
- b) **BILL OF QUANTITIES or SCHEDULE OF QUANTITIES** means the priced and completed Bill of Quantities or Schedule of Quantities forming part of the tender.
- c) **INSTITUTE** shall mean Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais, Amethi.
- d) **CONTRACTOR** Shall mean the individual or firm or company, whether incorporated or not undertaking the work and shall include the legal personal representative or such individual or the persons composing such firms or company or the Successor of such firm or company and the permitted assignees of such individual or firm(s) or Company.
- e) **CONTRACT VALUE** means the sum for which the tender is accepted as per the letter of Award.
- f) **DRAWINGS** means the drawings referred to in the contract document including modifications if any and such other drawings as may from time to time be furnished and/ or approved by RGIPT.
- g) **DATE OF COMMENCEMENT OF WORK:** The date of start of contract shall be reckoned from date of issue of letter of Award.
- h) **ENGINEER IN CHARGE** means the Engineer of RGIPT who shall supervise and be in-charge of the work.
- i) **CPWD** means Central Public Works Department, New Delhi
- j) **LANGUAGE:** All documents and correspondence in respect of this contract shall be in English Language.
- k) **“LETTER OF AWARD”** shall mean RGIPT letter or notification conveying its acceptance of the tender subject to such conditions as may have been stated therein.
- l) **MONTH** means English Calendar month ‘Day’ means a Calendar Day of 24 Hrs each.

- m) **SITE** Shall mean the site of contract works including any buildings and erection thereon and any other land adjoining thereto (inclusive) as aforesaid allotted by the Institute or the Engineer-in-Charge for the contractors' use.
- n) **TENDER** means the price offered by Contractor's 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 Award or Award letter. The word TENDER is synonymous with Tender and the word TENDER DOCUMENTS with "Tendering Documents" or "offer documents".
- o) **WRITING** means any manuscript typed written or printed statement under or over signature and/or seal as the case may be.
- p) **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.
- q) Headings in the clauses/ conditions of tender documents are for convenience only and shall not be used for interpretation of the clause/condition.
- r) Words imparting the singular meaning only also include the plurals and vice versa where the context requires. Words importing persons or parties shall include firms and corporations and organizations having legal capacities
- s) **Excepted Risk** are risks due to riots (other than those on account of contractor's employees), war (whether declared or not) invasion, act of foreign enemies, hostilities, civil war, rebellion revolution, insurrection, military or usurped power, any acts of Government, damages from aircraft, acts of God, such as earthquake, lightening and unprecedented floods, and other causes over which the contractor has no control and accepted as such by the RGIPT or causes solely due to use or occupation by Government of the part of the works in respect of which a certificate of completion has been issued or a cause solely due to RGIPT's faulty design of works.
- t) **Market Rate** shall be the rate as decided by the Engineer-in-Charge on the basis of the prevailing cost of materials and labour at the site where the work is to be executed plus the percentage mentioned elsewhere in the tender document to cover, all overhead and profits.

## **2.0 PERFORMANCE GUARANTEE:**

- 2.1 "Within 10 (Ten) days from the date of issue of letter of Award, the contractor shall submit to RGIPT irrevocable performance bank guarantee in the form appended or Fixed Deposit Receipt (FDR) pledged in favour of "Rajiv Gandhi Institute of Petroleum Technology, Amethi", from any Nationalized Bank, 5% (Five Percent) of the contract value for the due and proper execution of the Contract. In case FDR of any bank is furnished by the contractor to RGIPT as Performance Guarantee(s) and the bank is unable to make payment against the said FDR, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to RGIPT to make good the deficit. All the Performance Guarantees shall be initially valid up to the stipulated date of completion plus 60 days beyond that, including Defect Liability Period (DLP). In case the time for completion of works gets extended, the contractor shall get the validity of Performance Guarantee extended to cover such extended time for completion of work and it shall be returned/refund to the contractor without interest.

- 2.2 In case the contractor fails to submit the performance guarantee(s) of the requisite amount within the stipulated period or extended period, letter of Award automatically will stand withdrawn and EMD of the contractor shall be forfeited.
- 2.3 In case part scope of work has been satisfactorily completed and handed over to RGIPT by the contractor and the remaining work/buildings are under hold/suspended for more than 3 months due to some hindrance beyond control of contractor or due to non-availability of site/clearance from RGIPT, the un-forfeited performance bank guarantee(s)/FDR(s) submitted by the contractor and available with RGIPT as on date, on specific request of the contractor, may be released and returned back to the contractor in lieu of submission and due verification of a fresh PBG/FDR of the equivalent amount towards balance work.

### **3.0 SECURITY DEPOSIT/ RETENTION MONEY**

- 3.1 The Security deposit or the retention money shall be deducted from each running/ final bill of the contractor @ 2.5% of the gross value of the Running Account/ final bill.
- 3.2 The release/refund of security deposit of the contractor shall be made with the payment of final bill.
- 3.3 RGIPT reserves the right of part or full forfeiture of security deposit in addition to other claims in the event of contractor's failure to fulfill any of the contractual obligations or in the event of termination of contract as per terms and conditions of contract.

### **4.0 MOBILIZATION ADVANCE**

RGIPT will not pay any mobilization advance for the work.

### **5.0 SECURED ADVANCE AGAINST PERISHABLE AND NON-PERISHABLE MATERIALS**

RGIPT will not pay any secured advance against perishable and non-perishable materials.

### **6.0 ESCALATION**

No claim on account of any escalation on whatsoever ground shall be entertained at any stage of work. All rates as per Bill of Quantities (BOQ) shall be firm and fixed for entire contract period as well as extended period for completion of the works. No escalation shall be applicable in this contract.

### **7.0 COMPENSATION FOR DELAY (LIQUIDATED DAMAGES)**

In case of delay in completion of the work, the contractor shall pay liquidated damages an amount equal to 0.5% of the contract value per week of delay subject to a maximum of 10% of contract value.

### **8.0 ACTION IN CASE WORK NOT DONE AS PER SPECIFICATIONS**

All works under or in course of execution or executed in pursuance of the contract, shall at all times be open and accessible to the inspection and supervision of the Engineer-in-Charge, his authorized subordinates in charge of the work and all the superior officers, and the contractor shall, at all times, during the usual working hours and at all other times at which reasonable notice of the visit of such officers has been given to the contractor, either himself be present to receive orders and instructions or have a responsible agent duly accredited in writing, present for that purpose. Orders given to the Contractor's agent shall be considered to have the same force as if they had been given to the contractor himself.

If it shall appear to the Engineer-in-Charge or his authorized subordinates in-charge of the work that any work has been executed with unsound, imperfect, or unskillful workmanship, or with materials or articles provided by him for the execution of the work which are unsound or of a quality inferior to that contracted or otherwise not in accordance with the contract, the contractor shall, on demand in writing which shall be made within 12 (Twelve) 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 charge and cost. In the event of the failing to do so within a period specified by the Engineer-in-Charge in his demand aforesaid, then the contractor shall be liable to pay compensation at the same rate as under **Clause No. 28.0** of G.C.C. for this default. Decision of the Engineer-in-Charge to be conveyed in writing in respect of the same will be final and binding on the contractor.

## **9.0 ACTION IN CASE OF BAD WORK**

If it shall appear to the Engineer-in-Charge or his authorized representative in charge of the work 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 12 (Twelve) 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 while the contractor failure to do so shall continue, 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.

## **10.0 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 RGIPT 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 relation to the obtaining or execution of this or any other contract for RGIPT; or
- vi) If the contractor shall obtain a contract with RGIPT as a result of wrong tendering or other non-bona-fide methods of competitive tendering or commits breach of Integrity Pact; or
- vii) 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 partition thereof without and prior written approval of the Engineer-in-Charge.

Under such conditions, when the contractor has made himself liable for action, the Engineer in Charge shall have the power

- a) To determine or rescind the contract as aforesaid in full or part and get the same executed at the risk and cost of the contractor. Under such condition, Performance Guarantee shall be liable to be forfeited and unused material shall be taken over and shall be absolutely at the disposal of the RGIPT Or
- b) After giving notice to the contractor to measure the work of the contractor and to take such whole or the balance or part thereof as shall be unexecuted or delayed and to give it to another contractor to complete.

#### **11.0 TIME OF CONTRACT & EXTENSION FOR DELAY**

- 11.1 The time allowed for execution of the Works as specified in the Notice Inviting Tender or the extended time in accordance with these conditions shall be the spirit of the contract. The execution of the works shall commence from such time period as mentioned in Notice Inviting Tender or 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 RGIPT shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money & performance guarantee absolutely.
- 11.2 Within 10 (Ten) days of Letter of Award, the Contractor shall submit a Time and Progress Chart (CPM/ PERT/ Quantified Bar Chart) 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 (mile-stones) 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.
- 11.3 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, local commotion of workmen, strike or lockout, affecting any or 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
  - vi) Any other cause which, in the absolute discretion of the RGIPT, 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 within 07 days but shall nevertheless use constantly his best endeavor 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.
- 11.4 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 in the prescribed form. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired. In any such case, Engineer-In-Charge will take decision on the merit of the case. However, it is not necessary that on each case request for extension of time by the contractor will be entertained by RGIPT. All extension of time shall be communicated to the Contractor by the Engineer-in-Charge in writing within a reasonable time from the receipt of such request. Non-application by the contractor for extension of time shall not be a bar for giving a fair and reasonable extension by the Engineer-in-Charge and the extension of time so given by the Engineer-in-Charge shall be binding on the contractor.

## **12.0 TIME SCHEDULE & PROGRESS**

- 12.1 Time allowed for carrying out all the works is 150 days as mentioned in the Notice Inviting Tender, which shall be reckoned from the date on which the letter of Award is issued to the Contractor. Time shall be the essence of the contract and the Contractor shall ensure the completion of the entire work within the stipulated time of completion.
- 12.2 The contractor shall also furnish within 10 days of date of issue of letter of Award a CPM network/ PERT chart/ Bar Chart for completion of work within stipulated time. This will be duly got approved from RGIPT. This approved Network/ PERT/Bar Chart shall form a part of the agreement. Achievement of milestones as well as total completion has to be within the time period allowed.
- 12.3 Contractor shall mobilize and employ sufficient resources for completion of all the works as indicated in the agreed BAR CHART/PERT 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.
- 12.4 During the currency of the work the contractor is expected to adhere to the time schedule on mile stone 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 RGIPT. These reviews may be undertaken at the discretion of Engineer-in-Charge 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 RGIPT, Jais. 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.

### **13.0 TAXES AND DUTIES**

- 13.1 The contract price is inclusive of all taxes, duties and statutory levies payable under any law (as applicable on the date of submission of bid) by the contractor in connection with execution of the contract.

The contract price will be adjusted prospectively for any increase / decrease in the GST rate on works contract notified by Government of India.

In case, if any new taxes is imposed by Central Government / State Government, which will have the impact on this tender, will be dealt accordingly on the submission of valid proof of the challan / receipts.

- 13.2 Notwithstanding anything contained in clause payment of appropriate tax on the supplies made under the contract. The contractor shall take registration under the applicable enactment levying tax on supply of goods or services under the contract and issue invoice having all the particulars prescribed under the applicable provisions of the law, including, description of goods/services, rate and amount of tax paid or payable on the supplies made under the contract, so that RGIPT can avail credit of such tax, wherever applicable. The contractor shall comply with all applicable provision of Goods and Service Tax (GST) levied by Union Government and State Governments (CGST, UTGST, SGST and IGST). The contractor shall get himself registered and discharge his obligations for payment of taxes, filing of returns etc. under the appropriate provisions of law in respect of all the duties, levies, etc. RGIPT would have right to seek necessary evidence that the contractor is registered under the law and duly discharging its obligations under the tax law, enabling RGIPT to avail input tax credit.

Whenever interest is payable on reversal of Input Tax Credit (ITC) for non-fulfillment of payment of value and tax of supply under GST Act, due to any default on contractor's part (i.e due to poor performance/quality or non-fulfillment of terms of contract), the amount of interest so levied on RGIPT shall be recovered from the contractor.

- 13.3 In case the contractor does not deposit the tax payable on execution of the contract, or has not provided the tax invoice to RGIPT showing the amount of tax, or has not uploaded the document in computerized tax network as per prevailing law, leading to non-availability of inputs credit of the tax to RGIPT, the amount equivalent to such tax shall be deducted from the contract price.
- 13.4 Stamp duty and registration charges, if any, payable on the executed contract document, shall be borne by the contractor.
- 13.5 Tax deduction at source, if any, shall be made by RGIPT as per law applicable from time to time from the amount payable to the contractor.

### **14.0 INCOME TAX DEDUCTION (TDS)**

Income tax deductions shall be made from all payments made to the contractor including advances, in respect of the work/ project undertaken by the contractor, in accordance with the provisions of the Income Tax Act and Rules made there under prevailing and in force from time to time.

### **15.0 ROYALTY ON MATERIALS:**

- 15.1 The contractor shall deposit royalty and obtain necessary permit for supply of bajri, stone, kankar, sand and other materials etc. from the local authorities and quoted rates shall be inclusive of royalty.
- 15.2 The contractor shall be deemed to have inspected the site, its surrounding and acquainted itself 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.

- 15.3 The rates and prices to be tendered 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, all taxes, royalty, duties, cess, octroi and other levies, insurance liabilities and obligations set out or implied in the tender documents and contract.
- 15.4 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 direction of Engineer-in-Charge. If any damage is caused to any temporary or permanent structure(s) in the vicinity due to execution of the project, the contractor has to make good the same by any means as per direction of 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.

## **16.0 PAYMENTS**

- 16.1 All running payments shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed and/or accepted by RGIPT and shall not preclude the recovery for bad, unsound and imperfect or unskilled work to be removed and taken away and reconstructed or re-erected or be considered as an admission of the due performance of the Contract, or any part thereof, in this respect, or the accruing of any claim, nor shall it conclude, determine or affect in any way the powers of the RGIPT under these conditions or any of them as to the final settlement and adjustments of the accounts or otherwise, or in any other way vary/ affect the contract. The final bill shall be submitted by the contractor within one month of completion of work, otherwise RGIPT's certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on contractor. Each Running Bills should be accompanied by Monthly Progress Report and tax invoices as per applicable tax laws. No payment of running account bill shall be released unless it is accompanied by Monthly Progress Report and tax invoices as above.
- 16.2 It is clearly agreed and understood by the Contractor that notwithstanding anything to the contrary that may be stated in the agreement between RGIPT and the contractor; the contractor shall not slow down or stop the progress of work, if any, delay in the release of corresponding payment of Running Account Bill by RGIPT. The contractor shall not be entitled to any compensation/ interest from RGIPT for such kind of delay.
- 16.3 All payments shall be released by way of e-transfer through RTGS in India directly at their Bank account by RGIPT. The payment of final bill shall be made to the contractor after obtaining the work completion certificate from RGIPT.

## **17.0 MEASUREMENTS OF WORKS**

Engineer-in-charge shall, except as otherwise provided, ascertain and determine by measurement the value of work done in accordance with the contract.

Except where any general or detailed description of the work expressly shows to the contrary, measurement shall be taken in accordance with the procedure set forth in the CPWD Specification. In the case of items which are not covered by specifications, mode of measurement as specified in the Technical

Specifications of the contract and if for any item no such technical specification is available, then a relevant standard method of measurement issued by the Bureau of Indian Standard shall be followed.

Provided further that, In case of Cancellation/Determination of Contract in Full or in Part, following methodology shall be adopted in respect of measurements in addition to what has been mentioned in foregoing: -

- All measurements and levels shall be taken jointly by the Engineer-in-Charge or his authorized representative and by the contractor or his authorized representative from time to time during the progress of the work and such measurements shall be signed and dated by the Engineer-in Charge and the contractor or their representatives in token of their acceptance. If the contractor objects to any of the measurements recorded, a note shall be made to that effect with reason and signed by both the parties.
- If for any reason the contractor or his authorized representative is not available and the work of recording measurements is suspended by the Engineer-in-Charge or his representative, the Engineer-in-Charge and RGIPT shall not entertain any claim from contractor for any loss or damages on this account. If the contractor or his authorized representative does not remain present at the time of such measurements after the contractor or his authorized representative has been given a notice in writing three (3) days in advance or fails to countersign or to record objection within a week from the date of the measurement, then such measurements recorded in his absence by the Engineer-in-Charge or his representative shall be deemed to be accepted by the Contractor. The contractor shall, without extra charge, provide all assistance with every appliance, labour and other things necessary for measurements and recording levels.

#### **18.0 COMPUTERISED MEASUREMENT BOOKS**

Engineer-in-Charge shall, except as otherwise provided, ascertain and determine by measurement the value of work done in accordance with the contract. All measurements of all items having financial value shall be entered by the contractor and compiled in shape of the Computerized Measurement Book as per the format of RGIPT so that a complete record is obtained of all the items of works performed under the contract. All such measurements and levels recorded by the contractor or his authorized representative from time to time, during the progress of the work, shall be got checked by the contractor from the Engineer-in-Charge or his authorized representative as per interval or program fixed in consultation with Engineer-in-Charge or his authorized representative.

After the necessary corrections made by the Engineer-in-Charge, the measurement sheets shall be returned to the contractor for incorporating the corrections and for resubmission to the Engineer-in-Charge for the dated signatures by the Engineer-in-Charge and the contractor or their representatives in token of their acceptance.

Whenever bill is due for payment, the contractor would initially submit draft computerized measurement sheets, and these measurements would be got checked/test checked from the Engineer-in-Charge and /or his authorized representative. The contractor will, thereafter, incorporate such changes as may be done during these checks/test checks in his draft computerized measurements, and submit it to RGIPT. All the required documents e.g. measurement sheet, ESIC/EPF challans, Tax invoice. No payment of RA bills shall be released until all obligations and documents as above as per direction of Engineer In-charge are submitted to RGIPT.

It is also a term of this contract that checking and/or test checking the measurements of any item of work in the measurement book and/or its payment in the interim, on account of final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it relates nor shall it relieve the contractor from liabilities from any over measurement or defects noticed till completion of the defects liability period.

#### **19.0 WORK TO BE EXECUTED IN ACCORDANCE WITH SPECIFICATIONS, DRAWINGS, AND ORDERS ETC.**

All items of work in the bill of quantities/ schedule of quantities shall be carried out as per the CPWD (as the case may be) specification, drawings and instructions of the Engineer-in-Charge of RGIPT and the rates shall include for supply of required materials including proper storage, consumables, skilled & unskilled labour, supervision and tools, tackles, plant and machinery complete as called for in the detailed specifications and conditions of the contract. Latest updated CPWD specification shall be followed for execution of work.

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.

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 the 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.

#### **20.0 MATERIALS TO BE PROVIDED BY THE CONTRACTOR**

The contractor shall, at his own expense, provide all materials 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 requested by the Engineer-in-Charge furnish proof, to the satisfaction of the Engineer-in-Charge regarding compliance of the material so procured. 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.

The contractor shall ensure that the materials are brought to site in original sealed containers or packing bearing manufacturer's making 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 materials shall not be destroyed/disposed off without the permission of RGIPT.

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 signed by the contractor. A certified copy of each such voucher signed both by RGIPT and the Contractor shall be kept on record.

## **21.0 MATERIALS AND SAMPLES**

- 21.1 The materials/products used on the works shall be one of the approved make/ 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 make/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. In case single brand/ make are mentioned, other equivalent makes/brands may be considered by the Engineer-in-Charge depending upon the circumstances. In case of variance in CPWD/IS/BIS Specifications from approved products/makes specification, the specification of approved product/make shall prevail for which nothing shall be paid extra to the Contractor. 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 ISI/BIS mark. The Engineer-in-Charge of RGIPT shall have the discretion to check quality of materials and equipment's 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.
- 21.2 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 RGIPT.
- 21.3 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 RGIPT. The materials, articles etc. as approved shall be labelled as such and shall be signed by RGIPT and the Contractor's representative.
- 21.4 The approved samples shall be kept in the custody of the Engineer-in-Charge of RGIPT 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.
- 21.5 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.

## **22.0 CONTRACTOR TO SUPPLY TOOLS & PLANTS**

The contractor shall provide at his own cost all materials, machinery, tools & plants as required for completion of work. In addition to this, appliances, implements, other plants, ladders, cordage, tackle, scaffolding and temporary works required for the proper execution of the work, whether original, altered or substituted and whether included in the specifications or other documents forming part of the contract or referred to in these conditions or not, or which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer-in-Charge as to any matter as to which under these conditions he is entitled to be satisfied, or which he is entitled to require together with carriage therefore to and from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials necessary for the purpose of setting out works, and counting, weighing and

assisting the measurement or examination at any time and from time to time of the work or materials. Failing his so doing, the same may be provided by the Engineer-in-Charge at the expense of the contractor and the expenses may be deducted, from any money due to the contractor, under this contract or otherwise and/or from his security deposit or the proceeds of sale thereof, or of a sufficient portion thereof.

### **23.0 MOBILIZATION OF MEN, MATERIALS AND MACHINERY:**

- 23.1 All expenses towards mobilization at site and de-mobilization including bringing in equipment, work force, materials, dismantling the equipment's, 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.
- 23.2 It shall be entirely the Contractor's responsibility to provide, operate and maintain all necessary construction equipments, 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. RGIPT will provide free water during execution of work at one point. **However, single point source metered supply for the electricity will be provided on chargeable basis @ Rs. 8.06 per unit. This may be further increased if RGIPT electricity charges are increased by M/s UPPCL.** Arrangement of energy meter will be done by contractor. The contractor has to make his own arrangements for supplying power and water from that point onwards as per his requirements.
- 23.3 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 Engineer-in-Charge. 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 RGIPT.
- 23.4 All contractors' plants, machinery and equipment shall be kept in perfect condition during currency of the contract.

### **24.0 CONTRACTOR COORDINATION MEETINGS AND PROGRESS REPORTING**

The Contractor shall have to attend all the meetings at RGIPT, Jais campus at his own cost with RGIPT officials, during the tenure of the Contract, as and when required. During the execution of work, Contractor shall submit at his own cost a detailed Monthly Progress & Programme Report to the Engineer-in-charge of RGIPT by 5th of every month. The format of Monthly Progress & Programme report shall be as approved by Engineer-In-Charge of RGIPT.

### **25.0 COMPLETION CERTIFICATE**

The Contractor shall be responsible for handing over of project including signing of inventories by the client and shall obtain final work completion from RGIPT. Necessary support for the same, shall however, be provided by RGIPT. No payment of final bill shall be released to the contractor until final work completion certificate is obtained from RGIPT.

### **26.0 PROHIBITION OF UNAUTHORISED CONSTRUCTION & OCCUPATION**

No unauthorized buildings, construction of structures should be put up by the contractor anywhere on the project site, neither any building built by him shall be occupied in an unauthorized manner by him or his staff.

### **27.0 FORCLOSURE OF CONTRACT BY RGIPT**

If at any time after the commencement of the work the RGIPT 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 foreclosure of the whole or part of the works.

#### **28.0 DEFECTS LIABILITY PERIOD**

The contractor shall be responsible for the rectification of defects in the works for a period twelve (12) months from the date of taking over of the works by the RGIPT. 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 RGIPT at the cost and expense of the contractor.

#### **29.0 SUBLETTING / SUB-CONTRACTING**

The subletting/ sub-contracting shall not be allowed in any condition.

#### **30.0 FORCE MAJEURE**

Conditions beyond control of either parties like war, hostility, acts of public enemy, civil commotion, sabotage, serious loss or damage by fire, explosions, epidemics, strikes, lockouts or acts of God come under the legal concept of Force Majeure (FM). Delays in performance of contractual obligations under influence of FM conditions are condonable by the other party without any right to termination or damages, provided, notice of the happening of any such event is given by the affected party to the other within 30 (thirty) days from the date of occurrence. Works under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist. However, if such event continues for a period exceeding 120 days, either party may at its option terminate the contract by giving notice to the other party.

#### **31.0 NO COMPENSATION CLAUSE**

The contractor shall have no claim whatsoever for compensation or idle charges against RGIPT on any ground or for any reason, whatsoever.

#### **32.0 DIRECTION FOR WORKS**

32.1 All works under the contract shall be executed under the direction and to approval in all respect of the Engineer-in-Charge of RGIPT who shall be entitled to direct at whatever point or points and in whatever manner works are to be commenced and executed.

32.2 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.

#### **33.0 WORK IN MONSOON AND RAIN**

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 contractors' rate shall be considered inclusive of cost of dewatering due to rains required if any and no extra rate shall be payable on this account. The stipulated period for completion of project includes the monsoon period, holidays & festivals.

#### **34.0 WORK ON SUNDAYS, HOLIDAYS AND DURING NIGHT**

For carrying out work on Sunday and Holidays or during night, the contractor will approach the Engineer-in-Charge or his representative at least two days in advance his discretion can refuse such 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 with the approval of Engineer-in-Charge at no extra cost to RGIPT.

#### **35.0 WATER AND ELECTRICITY**

RGIPT will provide free water during execution of work at one point. **However, single point source metered supply for the electricity will be provided on chargeable basis @ Rs.8.06 per unit. This may be further increased if RGIPT electricity charges are increased by M/s UPPCL.** Arrangement of energy meter will be done by contractor. The contractor has to make his own arrangements for supplying power and water from that point onwards as per his requirements.

#### **36.0 WATCH, WARD AND LIGHTING OF WORKPLACE**

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

#### **37.0 CEMENT**

Cement shall be procured by Contractor confirming to BIS: 8112 and / or BIS: 1489 Specification latest edition or higher Grade as per approved list attached. The cement shall be procured directly from the reputed manufacturers/ stockiest as per approved list of RGIPT. Relevant vouchers and test certificates will be produced as and when required. 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.

#### **38.0 STEEL**

Steel confirming to BIS specifications (latest edition) shall be procured by the contractor directly from reputed manufacturers/producers as per approved list of RGIPT. Relevant vouchers & test certificates will be produced by the contractor as and when required.

#### **39.0 SCHEDULE OF QUANTITIES / BILL OF QUANTITIES**

The quantities shown against the various items of work are only approximate quantities which may vary as per the actual requirement at site. No item which is not covered in the bill of quantities shall be executed by the Contractor without the approval of the RGIPT. In case any Extra/Substituted item is carried out without specific approval, the same will not be paid.

#### **40.0 INDIAN STANDARDS**

Wherever any reference is made to any IS in any particular specifications, drawings or bill of quantities, it means the Indian Standards editions with up to date amendments issued till last date of receipt of tender documents.

#### **41.0 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 RGIPT.

#### **42.0 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.

#### **43.0 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 RGIPT shall not in any way relieve the contractor of his responsibility for the correctness.

#### **44.0 NOTICE BEFORE COVERING UP THE WORK**

The contractor shall give not less than seven-day 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 expenses and he shall have to make it good at his own expenses.

#### **45.0 SITE CLEARANCE**

45.1 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 RGIPT the contractor shall remove all temporary structures like the site offices, cement go-down, stores etc., scaffolding rubbish, debris etc. left over materials, tools and plants, equipment's etc., clean the site to the entire satisfaction of the Engineer-in-charge. If this is not done the same will be got done by RGIPT at his risk and cost.

45.2 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 rates quoted by the contractor shall be deemed to have included the same.

#### **46.0 SET-OFF OF CONTRACTOR'S LIABILITIES**

RGIPT 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.

#### **47.0 EMPLOYMENT OF PERSONNEL**

47.1 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 is associated with the works.

47.2 In case RGIPT observed misconduct negligence or incompetence etc. on the part of any representative, agent, servant and workmen or employees etc. of the contractor, the RGIPT shall have full power and without giving any reason to the contractor, instruct the contractor to remove such engineer/ staff / worker from site and provide suitable replacements. The decision of the Engineer-in-charge shall be final and binding on the contractor. The contractor shall not be allowed any compensation on this account.



#### **48.0 TECHNICAL STAFF FOR WORK**

- 48.1 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, and experience as decided by RGIPT 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 RGIPT to take instructions. It is expected that contractor will deploy a qualified civil engineer with minimum experience of 5 years along with 1 supervisor for proper execution and quality related works.
- 48.2 Within 5 days of Letter of Award, the contractor shall submit a detail of technical team proposed to be deputed by him at site including details of experience and should be taken approval from Engineer-in-Charge in this regard.

#### **49.0 LABOUR SAFETY PROVISION**

The contractor shall be fully responsible to observe the labour safety provisions. The contractor shall at his own cost take all precautions to ensure safety of life and property by providing necessary barriers, lights, Supervisor etc. During the progress of work as directed by Engineer-in-Charge.

##### **49.1 EPF & ESI**

The Contractor shall submit proof of having valid EPF & ESIC registration certificate. EPF and ESI, if applicable, will be reimbursed on actual basis after due verification.

- 49.2 The contractor will abide by all the rules and regulations related to labour laws, accident, workmen compensation act, workmen insurance etc. This will be the sole responsibility of the contractor. RGIPT will not be a party at any stage in any of the disputes relating to the above. In case, RGIPT has to bear any expenditure due to non-conformance of the above provisions by the contractor, the same will be recovered from the contractor's bill.

In case any accident (threatening of life, physical disability etc.) occur during the period of contract, the contractor will be sole responsible for the same and will act as a principal employer. RGIPT will not be a party for consequences thereof.

#### **50.0 CHANGE IN FIRM'S CONSTITUTION TO BE INTIMATED**

Where the contractor is a partnership firm, the prior 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.

#### **51.0 LAW COVERING THE CONTRACT**

This contract shall be governed by the Indian laws for the time being in force.

#### **52.0 LAWS, BYE-LAWS RELATING TO THE WORK**

The contractor shall strictly adhere by the provisions, for the time being in force, of law relating to works or any regulations and bye laws 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.

### **53.0 CONTRACT AGREEMENT**

The Contractor shall enter into a Contract Agreement with the RGIPT within 20 (Twenty) days from the date of Letter of Award failing which no payment shall be released to the contractor. The cost of stamp papers, stamp duty, registration, if applicable on the contract, shall be borne by the contractor. In case, the contractor does not sign the agreement as above or start the work from the date of the issue of letter of Award, his earnest money is liable to be forfeited and Letter of award consequently will stand withdrawn.

### **54.0 MANNER OF EXECUTION OF AGREEMENT**

- i. The agreement as per prescribed Performa as enclosed shall be signed at the office of the RGIPT within 20 (Twenty) days from the date of issue of Letter of Award. The Contractor shall provide 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 Award read in conjunction with the Tendering 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 originals will be retained by the RGIPT.

### **55.0 ARBITRATION:**

All disputes or differences whatsoever arising among the parties under and/or in connection with and/or in respect of this tender shall be referred to and decided by a sole arbitrator, who shall be appointed by the Director, RGIPT. The arbitration shall be conducted in accordance with Arbitration and Conciliation Act of 1996, along with its relevant amendments and the venue of the arbitration shall be in RGIPT, Jais, Amethi. The proceedings of arbitration shall be in English language.

### **56.0 JURISDICTION**

The agreement shall be executed on non-judicial stamp paper and jurisdiction to deal with any matters arising there from will be in Rae Bareli Court (Uttar Pradesh).

## **SPECIAL CONDITIONS OF CONTRACT**

1. Structural and architectural drawings shall be provided by RGIPT. However, if any further detailing, modification or additional drawings are required for proper execution of the work, the same shall be prepared by the contractor at his own cost and submitted to RGIPT for approval. All such work shall be deemed to be included in the percentage rate tendered by the contractor, and no extra payment whatsoever shall be admissible on this account.
2. The structural and architectural shall at all times be properly co-related before executing any work. In case of any discrepancy, it shall be immediately brought in notice of Engineer-in-Charge.
3. Conduit layout shall be prepared by contractor and got approved before execution of work. Minimum no. of junction to be kept, & if required junctions to be kept underneath the fitting locations in corridor/ rooms so that junction is not visible after fitting are fixed/ in position. Drop of conduit shall be well planned w.r.t. location of fitting/D/B. and criss crossing to be avoided. All chases in walls shall be cut using wall grooving machine. For this purpose, electricity shall be arranged by contractor.
4. For submain wiring, colour code for different phases and neutral (R.Y.B. black) to be maintained. While circuit wiring, wiring for fan point, wiring for light point shall be done with different colours for easy identification. Wiring for neutral shall be done with black colour and all connections to fans & fittings wherever visible shall be made with white PVC insulated copper wire or wherever cover sleeve may be provided. At switch board, switch shall be fixed in a logical manner w.r.t. fittings layout.
5. The whole of the works included in the Contract shall be executed by the contractor and the contractor shall not directly or indirectly transfer, assign or underlet the contract or any part, share or interest therein without the written consent of the Engineer-in-Charge.
6. The concreting of raft of swimming pool along with RCC wall shall be executed as one single task as far as possible up to the maximum height as approved at a time. The similar methodology should be adopted for balancing tank too.
7. The contractor shall inform the Engineer in charge in advance, for verifying the measurement of the concealed items like reinforcement, PCC, Plaster, GI pipes, CI pipes laying etc., done by the contract.
8. The contractor shall conduct water-tightness test after completion of RCC work of swimming pool and balancing tank. The similar test should be repeated after completion of water proofing works.
9. The guarantee period shall cover the defects in manufacturing and workmanship as the case may be. The contractor shall submit the certificate of warranty of all equipment's with their model code from respective manufacturing /dealer from India.
10. The contractor has to engage specialized agencies depending upon the nature and complexity of the work with the prior approval of the Engineer-in-Charge for works and any other specialized works. To this regard, the contractor has to submit the completion certificates / required documents of similar type of works executed by the sub-contractor / specialized agencies to establish the sub-contractor's / specialized agencies' workmanship. Also the contractor has to submit shop drawings done by the specialized agency for approval of Engineer-in-Charge before procuring and installing the item. This does not in any way relieve the contractor of his obligations to get the quality work and architectural design as desired by the RGIPT.

11. The drawing, specification, bill of quantities (BOQ) and other related documents shall be considered as part of the contract. Any work or material shown on the drawings but not included in the specifications or vice versa shall be executed as if called for in both.
12. Vehicles hired for bringing construction material to the site and other machinery to be used during construction should be in good conditions and should conform to applicable air and noise emission standards.
13. Ambient noise levels should conform to prescribed standards both during day and night, Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.
14. Any item can be omitted, substituted or added as per actual requirement of the Engineer-in-charge. No claim in this regard will be entertained.
15. No material belonging to the contractor whether consumable or non-consumable should be brought inside the RGIPT campus without proper entry at the Main Gate nor any material should be taken out without proper gate pass issued by the authorized representatives of the RGIPT.
16. During execution of the work, contractor should dispose off waste material on regular basis and should keep the area of work properly cordoned off and neat and clean as far as possible. After completion of work, contractor should clear the site completely of all unwanted and junk material before submitting his final bill.
17. The contractor shall not store/dump construction material or debris on metalled road.
18. Contractor will take due permission for entry of all his workmen in RGIPT. No unauthorized person will be allowed to work inside.
19. Nothing extra will be paid due to loss/damage caused by rains, floods, war, strike of the departmental officials or any other act of God or any other cause whatsoever.
20. Nothing extra shall be paid for unforeseen delay on account of non-availability of any kind of material, drawing or designs.
21. The work will be executed strictly in accordance with the CPWD specifications (latest edition corrected upto date of the tender) to the entire satisfaction of the Engineer-in-charge.
22. No claim on account of paucity of funds or any other caused whatsoever will be entertained and the contractor/firm will have no right to go on for Arbitration or in the court.
23. In case of any dispute/ambiguity, the decision of the Engineer-in-charge, RGIPT shall be final and binding.
24. Nothing extra shall be paid if any local carriage of material is done irrespective of lead and lift.
25. All electrical work shall be carried out in compliance with the Indian Electricity Act and rules in force.
26. During the execution of work, the finished items i/c flooring works like tile, granite, marble, kota etc and all other items shall be protected from damages/scratches/broken/discolour etc. by using suitable materials as per direction of Engineer-in-Charge till the completion/handling over of building to RGIPT. No extra payment will be made for this arrangement.

27. Electrical installation work shall comply with all currently applicable standards and all materials, fitting and fixtures used in electrical works shall be ISI marked and confirm to the Indian Standard specification wherever these exist. The materials shall be approved by the Engineer in Charge.
28. In case of any leftover of condition in the tender document, then for any such specific condition and requirement, CPWD Works Manual and Manual for Procurement of Works 2022 with its amendments, from time to time will be referred for necessary reference, clarity and adherence.
29. It is the sole responsibility of the contractor to get the approval of drawings from the RGIPT, as per the need and requirement to maintain the speed of work. In case, if there is any delay observed because of non-approval of drawings from RGIPT, it will be concluded on the head of the contractor and no extra time will be given for the same. RGIPT will give the approval within 7 days from the submission of design.
30. Contractor shall preserve the copies of invoices, test certificates; gate passes etc. to prove the genuineness of material/ purchases which are used at site as per agreement.

## **SPECIFICATIONS**

The work in general shall be executed as per the description of the item, C.P.W.D specifications (Including latest updated amendments), and Bureau of Indian Standards (BIS) as indicated below: -

- a) C.P.W.D specifications 2019 volume I (Civil Works)
- b) C.P.W.D specifications 2019 volume II (Civil Works)
- c) C.P.W.D specifications 2023 Part- I Internal, Part- II External I (Electrical Works)

## **SCOPE OF WORK**

### **Project Brief:**

The Institute desires to construct a shallow swimming pool along with other associated structures/facilities.

The work comprises construction of a shallow swimming pool at RGIPT, Jais, Amethi campus, having plan dimensions of 30 m × 20 m with an average water depth of 1.125 m, including construction of the pump room, changing room and balancing tank, providing a complete filtration system, and Supply, Installation, Testing and Commissioning (SITC) of all associated electro-mechanical works, as detailed in the Bill of Quantities (BOQ)..

**The contractor shall prepare all required designs and drawings, which shall be vetted by a Government Engineering College (IIT/NIT or any Government State Engineering College). The entire cost towards preparation and vetting of such designs and drawings shall be borne by the contractor and shall be deemed to be included in the contract price.**

**The detailed designs and drawings, after vetting by the above institution, shall be submitted to RGIPT for approval. No work shall be commenced without obtaining prior approval of RGIPT.**

**All other drawings, including Mechanical, Electrical and Plumbing (MEP) drawings, as required for proper completion of the work, shall also be prepared by the contractor and submitted to RGIPT for approval before commencement of the respective works. No extra payment whatsoever shall be admissible on this account.**

On award of work, the contractor shall carry out all necessary survey works and establish initial site levels, wherever required, as directed by the Engineer-in-Charge. The scope of work shall include supply, installation, testing and commissioning of a complete water filtration, circulation and treatment system, execution of borewell works, and construction of separate male and female changing rooms with toilets and shower facilities, complete in all respects, as per approved drawings, specifications and provisions contained in the Bill of Quantities (BOQ).

The contractor shall be solely responsible for obtaining all necessary approvals, permissions, clearances and for coordination with local bodies, statutory authorities and service providers in connection with execution of the work. Any fees, charges or levies payable to such authorities shall be borne by the contractor and shall be deemed to be included in the contract price. No extra payment shall be admissible on this account.

After commissioning, the contractor will operate and maintain the facility for **3 months**, including water quality management, upkeep of filtration and electrical systems, maintaining hygiene. During this time, the contractor will take all kind of steps for proper training to RGIPT officials/staff for proper Operation & Maintenance of the swimming pool. **After 3 months, the swimming pool will be handed over to RGIPT for its operation on its own. During the handing over procedure, the contractor will be required to handover all kind of manuals, Operation & Maintenance manual and Do's and Don'ts check list to RGIPT.**

The overall responsibility of the Contractor will encompass all the jobs required for carrying out this project from concept to construction in accordance with latest CPWD Technical Specification, adhering to the time schedule, quality parameters and with no time & cost overrun. The Contractor will have to work in close co-ordination with Engineer-in-charge (EIC) or his authorized representative, and all major decisions shall be taken in consultation with them.

The cost of materials required for testing, sampling and approval during execution of the work shall be borne by the contractor and shall be deemed to be included in the contract price. No extra payment whatsoever shall be admissible on this account.

**LIST OF MACHINERY, TOOLS & PLANTS & TESTING EQUIPMENT TO BE DEPLOYED  
BY THE CONTRACTOR AT SITE AS & WHEN REQUIRED**

S. No.	Name of Equipment	Numbers
	<b>Equipment for Concrete work</b>	
1	Concrete Mixer (Diesel)	01 No.
2	Needle Vibrator (Electrical)	01 No.
3	Needle Vibrator (Petrol)	01 No.
4	Surface Vibrator	
	<b>Equipment for Swimming Pool work</b>	
1	Bar Bending Machine	01 No.
2	Bar Cutting Machine	01 No.
3	Welding Machine i/c Transformer	01 No.
4	M. S. Pipes	01 No.
5	Steel Shuttering	01 No.
6	Steel Scaffolding	01 No.
7	Grinding/ Polishing Machines	01 No.
8	Cube Testing Machine	01 No.
	<b>Power Equipment</b>	
1	Diesel Generator	As per requirement
	<b>Equipment for Electrical Work</b>	
1	Steel/ Aluminium Ladder 1.5 m to 8 m	02 Nos.
2	Chase Cutting Machines	02 Nos.
3	Electrical Wire Drawing Equipment	02 Set



4	Torque Wrench for Nut/Bolt/Screws	02 Nos.
5	Conduit Die Set	02 Set
6	Pipe Vice	01 No.
7	Bench Vice	01 No.
8	L.T. Megger 500/1000 Volts	01 No.
9	Tong Tester	01 No.
10	Multimeter	01 No.
11	Hydraulically Operated & Hand Operated Crimping Machine	01 No.
12	Earth Tester	01 No.
13	Portable Ordinary Drilling Machine	02 Nos.
14	Portable Hammer Drilling Machine	02 Nos.
15	Overhead Conduit Puller	01 No.
16	Digital Vernier Caliper	01 No.
17	Screw Gauge	01 No.

**Note: 1.** The above list is only indicative and not exhaustive. The bidder may be required to deploy more T&P as per requirement of work.

**2.** All the above plants & equipment's are to be deployed as and when required or directed by Engineer-in-Charge.

## LIST OF PREFERRED MAKES



**“Construction of Swimming Pool at RGIPT Jais Campus”**



## **LIST OF PREFERRED MAKES**

**RGIPT.**

**Mubarakpur Mukhetia More, Bahadurpur, Post: Harbanshganj**

**Jais, Amethi -229304, Uttar Pradesh**

**Website: [www.rgipt.ac.in](http://www.rgipt.ac.in)**

### **Note:**

1. Before use of any item/material, samples shall be submitted to RGIPT by the bidder for obtaining approval from Engineer In-Charge (EIC). No item/material shall be used without obtaining prior approval from EIC.
2. Any left out item/material which is not included in this list of preferred makes, however required to be used/executed in this project, prior approval of such items/materials shall be obtained from Engineer In-charge (EIC) before use of such items/materials.
3. All materials and products used in the works shall conform to the relevant standards, specification and shall be of preferred make and design. A list of preferred manufacture, vendors is given herein below. The approval of a manufacture, vendor shall be given only after review of the sample, specimen by the Engineer-In-Charge. The complete system and installation shall be in conformity with the "Applicable Codes Standards and Publication".

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6.	Electrical Services	55 – 59
7.	Specialized Works	59 – 60

## LIST OF PREFERRED MAKES: STRUCTURE WORK

### SECTION – 1

No.	MATERIAL	MAKES
1.	Ordinary Portland Cement(OPC), Portland Pozzolona Cement (PPC)	ACC, Ultratech, J.K Cement, Ambuja Cement, Birla, L&T
2.	Chlorpyriphios (Anti-Termite)	DE-NOCIL, Cynamide, Tata tafaban
3.	Ready mix concrete	Ultratech, J.K Cement, ACC, Nuvoco, Birla
4.	Structural Sealant	Wacker, Dow Corning, GE
5.	Structural Steel	SAIL, TATA, RINL, JSW, Jindal Steel & Power Ltd.
6.	M.S. Pipe, Tubes, Bar, Flats, Angle, Tee Sections	SAIL, TATA, JSW, Jindal Steel & Power Ltd.
7.	Reinforced Steel	TATA, SAIL, JSW, RINL, JSPL
8.	Stainless Steel	Jindal Alloys, SAIL, Tata Steel
9.	Stainless Steel Hardware	Goorej, Kich, OZONE, Ebco, Dorma.
10.	(Plasticizer, Super Plasticizer, Admixtures, Other construction chemicals), Concrete admixture	Fosroc, Ultratech, Sika, Pidilite, Asian paint, Ferrouscrete, STP,BASF, Chryso, PAMR Industries, Mapei
11.	Silicon-based water repellent, Weather Sealant	Dow Corning, Pidilite, Wacker, Asian Paints, STP, Birla Opus, Ferrouscrete,
12.	Polysulphide sealant	Pidilite, Fosroc, sika, Cico, Wacker, Dow Corning, Ferrouscrete, Chemetall-Rai
13.	Bitumen Impregnated Board	Shalitex, Supreme Industries, Fosroc India
14.	PVC water stops	Fixopan, Sintex, Sika Greenstreak
15.	Waterproofing Self Adhesive (HDPE) Membrane	Asian Paints Ltd, Fosroc, Pidilite, MYK Arment, Sika, Tikidan, DBS,STP, Birla Opus, Ferrouscrete
16.	EPDM Waterproofing Membrane	Pidilite, Firestone, Fosroc, MYK Arment, Asian Paint, STP, DBS, Ferrouscrete ,Ecmas, marvel, Sika, Mapai
17.	PU Elastomeric Membrane (Spray applied) for Deck Waterproofing	Asian Paints Ltd, Technonicol, Pidilite, Sika, Fosroc, MYK Arment, Tikidan, DBS, STP,

No.	MATERIAL	MAKES
		Ferrouscrete, Dr. Fixit
18.	Waterproofing compound	Pidilite, Ecmas, Marvel, Sikka, Mapei, Technonicol, Fosroc, MYK Arment, Ferrouscrete, Kerakoll, STP
19.	Swellable Bar	Pidilite, Fosroc, Asian Paints, DBS, Ferrouscrete
20.	APP Water Proofing Membrane	Sika, Pidilite, STP, Texa, DBS, Ferrouscrete
21.	Polycarbonate Sheet	Tuflite Gallina, Coxwell, DPI Daylight, MPP
22.	Decking Steel Sheet	Tata Steel, Lloyds, JSW, Sail
23.	Fire Retardant paint	Berger, Shalimar, Asian, Birla Opus, Ameetuf, Viper
24.	Shuttering Plywood	Greenply, Century, Archid, Merino, Kitply, Jayna.
25.	Rebarring chemical	Trutek, 3M India, Birla, Hilti, Fischer, Wurth
26.	Extruded Polystyrene Board	STP, Supreme, Shalimar, Owens Corning, Berger, DBS
27.	AAC Blocks.	Ambuja, Aerocon, Builtech, J K Laxmi, Finecrete, Magicrete, Modcrete, Ferrouscrete
28.	AAC Mortar	Ferrouscrete, Ultratech, Modcrete, Jindal Air, Magicrete
29.	Moisture Resistant Board	Saint Gobain, USG Boral, Merino, Greenlam, Duro, Kitply
30.	Veneered Particle Board	Merino, Duro, Greenlam, Kitply, Archid, Jayana.
31.	PVC strips	Fixopan, Multiflex Plastics, Softex Industrial Products Pvt. Ltd.
32.	Expansion Joint	Migua (Cameo INC), Tristar, Genotech, Ferrouscrete
33.	Expansion Joint– Modular	Sanfield, Hercules, Worldwide ASP, Vexcolt, Migua, CS, Ferrouscrete
34.	Welding rod	Manglam, Advani, L&T
35.	Polyethylene backup rod	Supreme Ind. Ltd., Shyam Rubber, Vitafoam
36.	Curing Compound	Asian Paints, Ferrouscrete, STP, Pidilite, BASF,

No.	MATERIAL	MAKES
		Birla opus
37.	Parallel Threaded Couplers(Compliant to IS 16172:2014)	DEXTRA, Halfen Moment, G-Tech, USHA Martin, SNTP, Arise
38.	Extruded Polysterene Board	STP, Supreme, Shalimar, Owens Corning, Berger, DBS

## LIST OF PREFERRED MAKES: ARCHITECTURAL & CIVIL FINISHING

### SECTION – 2

No.	MATERIAL	MAKES
1.	White Cement	Birla, J.K, Ambuja cement, Ultratech
<b>FALSE CEILING &amp; FLOORINGS and GLAZINGS</b>		
2.	FR , MR Gypsum Board	Saint Gobain, USG Boral, India Gypsum, Armstrong, Durlum.
3.	False ceiling- Metal	Saint Gobain, Hunter Douglas, Armstrong, USG Boral, Durlum.
4.	Open Cell Ceiling	Armstrong, New Age False Ceiling Pvt Ltd, Durlum, Hunter Douglas.
5.	False Ceiling Grid System	Gyproc, Armstrong, RK, USG Boral, Durlum.
6.	Baffle Ceiling	Armstrong, New Age False Ceiling Pvt Ltd, Hunter Douglas, Gyproc.
7.	Acoustical Tile False Ceiling	Armstrong, USG Boral, Himalaya Acoustic, saint-gobain ecophon, Shera India.
8.	Oil Bound Washable Distemper	Asian Paints, Akzonobel Dulux, Berger, Nerolac, Ultra tech, Birla opus.
9.	Acrylic Distemper	Berger, Asian, Nerolac, Birla opus, Dulux, JK Paints.
10.	Acrylic Smooth Exterior Paint	Dulux, Nerolac, Asian Paints, Berger, Birla Opus, JK Paints
11.	Acrylic Emulsion paints	Dulux, Nerolac, Asian Paints, Berger, Birla

No.	MATERIAL	MAKES
		Opus, JK Paints.
12.	Cement Primer	BP White (Berger), Deco Prime WT(Asian), Akzonobel(Dulux), Nerolac, Pedilite, JK Paints.
13.	Cement Paint	Snowcemplus, Berger(Durocem Extra), Nerolac(Nerocem with Titanium), Asian, Ultratech, United Mortar, Birla Opus
14.	Steel wood Primer	Akzonobel(Dulux), Nerolac Kansai(Excel), Asian Paint(Apex Ultima), Berger, Ultratech, Spectrum, Birla Opus
15.	Textured Exterior Paint	Akzonobel(Dulux), Nerolac, Asian Paint, Berger, Birla Opus, Jenson & Nicholns,Ultratech, Spectrum, JK Paints.
14.a	Textured Exterior Paint (with Natural stone dust)	SKK Samken, UltraTech, Spectrum, Asian, Armourcoat, Dulux, Birla opus, JK Paints.
16.	Synthetic Enamel Paint	Akzonobel(Dulux), Nerolac, Asian Paint, Berger, Birla Opus, JK Paints.
17.	Epoxy Flooring	Flowcrete, BASF, Sika, Pidilite, CICO, Asian Paint, Ferrouscrete, MYK Arment, JK Paints.
18.	GI Ceiling Sections	Saint Gobain, India Gypsum, Armstrong, Grid Square.
19.	Masking Tapes	3M, Asian Paint, Wonder Polymers Pvt. Ltd
20.	Jointing Fiberglass Tape	Gyproc(Saint Gobain), Armstrong, Fosroc
21.	Jointing Paper Tape	Gyproc(Saint Gobain), Armstrong, Fosroc
22.	Jointing Compound	Armstrong, Gyproc(Saint Gobain), Fosroc, Ferrouscrete
23.	GRG Grid Ceiling Tiles	Armstrong, Shera India, Saint-Gobain Gyproc India, Grid Square.
24.	GI Suspended Ceiling Grid (for Grid ceiling)	Armstrong, Shera India, Saint-Gobain Gyproc India, Grid Square.
25.	Emulsion, Enamel, Texture, Cement Paints	Asian Paints, Berger, Nerolac, Birla Opus, Ultratech, JK paints.
26.	Primer (Water based)	Asian Paints, Berger, Nerolac, Birla Opus, JK paints.

No.	MATERIAL	MAKES
27.	Primer (Oil based)	Asian Paints, Berger, Nerolac, Birla Opus, JK paints.
28.	Polyester Powder Coating Paints	Nerolac, Berger, Akzonobel, JK paints.
29.	Epoxy Paint	Asian Paints, Berger, Nerolac, Sika, Fosroc, Birla Opus, JK paints.
30.	Metal Primer	Berger, Nerolac, Pidilite, Dr. Fixit Epoxy Anti - corrosive zinc Primer, JK paints.
31.	Thermo Plastic Paint	Maclane, Brightlinethermoplast, Asian paints, JK paints.
32.	Melamine Polish	Pidilite, Asian, Narolac, JK paints.
33.	Wood Primer	Asian Paints, Berger, Nerolac, Birla Opus
34.	Wall Putty	Birla, JK, Fosroc, Birla, JK White, Gyproc, wander putty, Berger, Asian Paints, United, JK paints.
35.	Vitrified Tile, (Antiskid, Matt , Glazed)	Kajaria, Somany, NITCO, Varmora, Sparten, AGL, Orient Bell, RAK Ceramics
36.	Ceramic Tiles, Glazed Tiles	Kajaria, Somany, AGL, NITCO, Varmora, Sparten, Orient Bell, RAK Ceramics
37.	Heat Resistant Tiles	Swastik, THERMATEK, Dalal Tile Industries, sparten, AGL.
38.	Pre-Cast GRC Jalli	Unistone, Dalal Tiles, Ecovision, Delhi GRC, Asian GRC, NITCO
39.	Porcelain Tiles	AGL, Kajaria, Sparten,
40.	Glass Mossaic Tiles	NITCO , Johnson, Somany, Kajaria, RAK Ceramics
41.	PVC Flooring	Armstrong, FORBO, Unitex, LG
42.	Cement Concrete Tiles (designer Tiles)	Unistone, Ultra, Eurocon
43.	Epoxy Grout	MYK Laticrete, Roff (Pidilite), Mapei Construction Products India Pvt. Ltd, Ferrouscrete
44.	Tile Adhesive	MYK Laticrete, Roff (Pidilite), Mapei Construction Products India Pvt. Ltd, Ferrouscrete PAMR Industries, Kerrakol
45.	Grout	Asian Paint, JK, Berger, Ferrouscrete



No.	MATERIAL	MAKES
46.	Flush Door, Laminated/ Veneer Flush Doors	Merino, Century, Green Ply, greenlam, Jayna, Archid, Orion, Samrat, DEC
47.	Wooden door Frame (Factory Made)	Jayna, DS Door, Kutty
48.	FRP Door Shutters & Frame	Jayna, Fiberways, Jain Doors Pvt. Ltd., Selected Product Co.
49.	Flush Door Hardware's, Fittings (Handles, Lock, Hinges, Door stopper, Door Closer, etc.)	Dorma kaba, Godrej, Hafele, Hettich, IPSA, Ozone, Dorset, Kich, Geze
50.	Floor Hardener	Ironite, Fosroc, Sika, MC Bauchmie, Ferrouscrete
51.	Hardware for Fire Check Door	Kich, AssaAbloy, Becker, FS, Godrej, Dorset, Dorma kaba
52.	Plywood, Veneer, Laminate	Merino, Greenlam, Century, Green panel, Archid, Kitply, Jayna
53.	Modular Kitchen, Wardrobe, Furniture	Godrej Interio, Royalsafe, Cdeespace Durian, Costawood, featherlite, Urban Grey, Hacker, Nolte, Warila, Dellform.
54.	Rolling Shutters	Avians, Shakti Hormann, Rama
55.	Cabinet Hardware's , Fittings , Accessories	Dorma, Geze, Hafele, Hettich, Kich
56.	Rubber Speed Breaker	Maclane, Brightlinethermoplast, Sintex
57.	EPDM Column Protectors	Jamdagni safety India, Aims Road Safety House, LTs Road Safety House
58.	Toilet Cubical	Merino, Century, Greenlam
59.	Vinyl Film, Sun Protection Film, Frosted Film	3M, Avery Denisson, Garware HiTech Films Ltd
60.	Transition Profile	Bottomline, Hytek, Kuber Industries
61.	U profile	Bottomline, Hytek, Kuber Industries
62.	Corner Guards	Bottomline, Hytek, Kuber Industries
63.	Aluminium Skirting	Bottomline, Hytek, Kuber Industries
64.	Silicon sealant	GE, Dow Corning, Dr. Fixit, Ferrouscrete
65.	Kerb Stone & CC Paver Block	NITCO, Dalal Tiles Industries, Uni stone, Pavit, Hindustan Tiles

No.	MATERIAL	MAKES
66.	Glasswool	Armstrong, Saint Gobain, Twiga, Polyglass, Rockwool India
67.	High-Density Fiber Board (HDF)	Merino, Century, Action Tesa, Green Ply, Green panel
68.	Medium Density Fiber Board (MDF)	Merino, Century, Action Tesa, Green Ply Green panel, Orion
69.	Commercial , FR , MR , BWP , Marine Plywood	Merino, Century, Greenply, Archid, Green panel, Orion
70.	Laminated Particle Board, Laminates	Merino, Greenlam, Archid, Century, Jayna, Kitply, Duro, Green panel, Orion
71.	Wood Veneer	Greenlam, Greenply, Century
72.	High-Pressure Laminate (HPL)	Merino, Greenlam, Century
73.	HDHMR Board	Century, Greenlam, Merino, Action Tesa, Green panel, Orion
74.	Cement Board	India Gypsum, AAC, Hindustan Asbestos
75.	Adhesive for carpentry works	Pidilite, Ardex Endura, Anchor
76.	Pre-finished Factory made Door frames and Door Shutter	Sobha Limited, Kalpataru, MIKASA, Merino
77.	AAC Blocks Adhesive	Biltech, Aerocon, Magicrete
78.	Stack Parking	Kamex, Klaus Multiparking, Wöhr,
79.	Retractable, Foldable Gate	Avains , Alaska Automation, Frontier Pitts, Automated Gate Services (AGS)
80.	Outdoor Furniture's	Loomcrafts , Sitoro, Godrej Interio, urban leader
81.	Lift (Elevators)/Escalators	Mitsubishi, Schindler, OTIS, KONE, Toshiba
82.	GYPSUM PLASTER	Asian Paints Smartcare, Dudhi, Gyproc, J.K, Ferrouscrete, United, Ultratech
83.	Self-Levelling Compound	Ardex, Fosroc, Kerakoll, Dr. Fixit, Myk, Arment, Ferrouscrete
84.	Expansion Joint Board & Accessories	Migua, Emseal, Supreme Industries

No.	MATERIAL	MAKES
85.	Anti-Termite Treatment	Shreechem, Terminator, Bayer, Pci
86.	Concrete Additive	Myk Arment, Asian Paints Smart Care, Kryton, Cico, Pidilite, Fosroc, Supreme Bituchem
87.	Polyethylene Board, Back Up Rod	Supreme Industries, Finolex
88.	Expansion , Fasteners	Fisher, Hilti, Rawlplug, Bosch
89.	Roof Tiles	Ultra Tiles, Unistone, Nitco, Johnson, Kajaria, Somany
90.	Non-Metallic Hardener Compound	Cico, Pidilite, Fairmate.
91.	Metal (GI) Sheet Roofing	Tata Bluescope, Sail, Jindau Lloyd
92.	Asphalt Emulsion	Stp, Karnak Chemical Corporation
93.	EPDM& Silicon Gasket, Rubber Gasket	Schuco, Sapa Building Systems, European Facade Product (EpF), Rayners
94.	Silicon Water Repellent Solution	Ge Bayer, Remmers, Dupont
95.	Glass , Rock Wool Insulation	Up Twiga, Poly Glass, Owens Corning, Lloyd, Rockwool India, Saint Gobain, Roxul Rockwool
96.	Adhesives (Tile , Stone, etc.)	Pidilite, Ferrouscrete, Myk Laticrete Berger, Basf, Asian Paints, Ardex Endura, Kerakoll, Sika, Fosroc, Duratuff
97.	Composite Marble, Engineered Stone	Asian(AGL), Johnson, Kalinga
98.	Water Based Melamine Polish	Asian Paint, Pidilite, Dulux, Berger
99.	Calcium Silicate False Ceiling	Everest, NCL, Aerolite, Armstrong, Shera India, Durlum.
100.	Calcium Silicate Ceiling Tile , Board	Gyproc, Aerolite, Hilux, Armstrong, Shera India, Durlum.
101.	Building Signage	Hindustan Signage, PR Graphics, Motivatte Solution, Galaxy Signage, Signsutra

No.	MATERIAL	MAKES
102.	Vinyl Floorings	Tarkett, Polystyl Sports, Forbo
<b>GLAZINGS</b>		
103.	Anodised Aluminum Hardware(Heavy Duty)	LGF Sysmac, Indalco, Hindalco
104.	Aluminum Structural Members–Glazing and Partitions	Jindal, Indalco, Hindalco, Nalco, Bhoruka, Indo Alusys
105.	Aluminium Window system	EterniaSchueco, Technal Reyner, Winpro, Sapa, Kalco, Fenesta, AIS
106.	Clear, Float, Frosted Glass	Saint Gobain, AIS, Atul, MODI Guard, Sisecam Glass
107.	Stainless Steel Railing, Accessories etc.	Ozone, Jindal, Rinox, Kich, Konzept, Insta
108.	Hermitically Sealed performance glass Toughened Glass	Saint Gobain, Guardian Glass, Modiguard, Sisecam Glass
109.	Aluminium Composite Panels	Viva, Alucobond, Alstone, Aludecor, Alstrong, Eurobond, Alutech
110.	G.I. Steel Door Frame	Synergy Thrislington, Navair, Shakti
111.	Friction Stay Hinges	Cotswold, LGF Sysmac, Dorset, Ebco, Insta
112.	EPDM Gasket	Hanu, Anand, Osaka, Alps, Mona, Asian Paints
113.	Glass Processor for making DGU, Toughing	Art N Glass, GSC(Noida), Sejal, ASAHI, Gold Plus, Kaenat Glass
114.	Mirror Glass	Atul, Modi Guard, Saint Gobain, AIS, Art N Glass, Thermosol
115.	UPVC Doors & Windows	Fenesta, Aluplast, Duroplast, Uni Windows, Sudhakar nexia, Okotech.
116.	Silicone, Weather Sealant	Wacker, Dow Corning, GE, Berger, Asian Paints
117.	Fire Rated Glass	Saint Gobain, Pyrobeck, Aashai, AIS
<b>HARWDARE</b>		
118.	Nuts, Bolts & Screws	GKW, Atul, Boun
119.	Door Fittings	Godrej, Everite, Dorset, Dorma Kaba, Kich

<b>No.</b>	<b>MATERIAL</b>	<b>MAKES</b>
120.	Door Closer	Godrej, Everite, Dorset, Dorma Kaba, Kich
121.	Die Cast Patch Fittings	Hettich, AssaAbloy, Insta, Kitch, Dorma
122.	Fire Rated Doors	Tata Pravesh, Navair, Shakti Hormann, ASES, Pacific
123.	Floor Springs	Dorset, Hettich, Everite, Insta, Godrej
124.	Modular Kitchen Hardware	Ebco, Hettich, Godrej
125.	SS Tower Bolt, SS Butt Hinges with ball bearing Grade SS 304	Lockwood (AssAbloy), Godrej, Dorset, Everite, Ebco, Hettich
126.	Backer Rod	Supreme, Silica, Softex

### **LIST OF PREFERRED MAKES: FACADE WORK**

#### **SECTION – 3**

<b>No.</b>	<b>MATERIAL</b>	<b>MAKES</b>
1.	Alum. Composite Panels	Alucobond , Aludecor , Alstone
2.	Aluminium Sections & Extrude Profile	Jindal , Bhorka , Hindalco
3.	Back-pans	Jindal, Tata, Vizag
4.	Aluminium Glazed Railing	Kalco, Q-Railing, Kich India
5.	Fire stop	Hilti , Dow corning , GE
6.	Anchors	Hilti , Fischer , Bosch , Wurth
7.	Flashings	Hindalco, Jindal , Bhorka
8.	Gaskets	Osaka Rubber, Maharashtra, Ami
9.	Glass	Guardian , Asahi , Saint Gobain
10.	Handles	Cotwold , Giesse, LGF, Kinlong
11.	Fasteners	Inco, Arrow, Kundan
12.	Hinges	Lavaal, Cotwold , Giesse, Approved System Supplier mention in this list
13.	Locks	Lavaal, Cotwold , Giesse

<b>No.</b>	<b>MATERIAL</b>	<b>MAKES</b>
14.	Louvers	Hindalco, Jindal , Bhorka
15.	RHS , SHS Tubes	Jindal, Tata, Vizag
16.	Smoke seal	Rockwool India Pvt.Ltd
17.	Structural Silicon	Dow corning, GE, Sika
18.	Structural Steel	SAIL, TATA, RINL, JSW, Jindal Steel & Power Ltd.
19.	Weather Silicon	Dow corning, GE, Bostik
20.	Glass Door	Fanesta, Dormakaba, Saint Gobain
21.	Glass Door Hardware's, Fittings	Dorma, Geze , Hafele
22.	Full body Safety Harness	Karam, 3M, BmRAND, Tulip(ISSAFE)

#### **LIST OF PREFERRED MAKES: PLUMBING & SANITARY**

##### **SECTION – 4**

<b>No.</b>	<b>MATERIAL</b>	<b>MAKES</b>
1.	Sanitary fittings and accessories	Kohler, Jaquar, Grohe, TOTO, Queo, Roca, American Standard, Hindware, Cera
2.	WC Seat covers (Heavy Duty)	Kohler, Jaquar, Grohe, TOTO, Queo, Roca, American Standard
3.	C.P brass fittings & Bathroom Accessories	Kohler, Jaquar, Grohe, TOTO, Queo, Roca, American Standard
4.	G.I., M.S.Pipe	Tata, Jindal(Hissar), Surya Prakash, SAIL, APL Apollo
5.	G.I.Fittings	Unik, KS, Zoloto, R-Brand, Surya, New,
6.	Float Valve	IVC, Leader, Zoloto, KSB
7.	Automatic Flushing Cistern	Kohler, Jaquar, Grohe, TOTO, Queo, Roca, Euronics
8.	Air Disinfection Unit (Toilets)	ELIXIR, Wellis, Pyure
9.	Automatic Liquid Soap Dispenser near mirror	Euronics, Vitanove, Jaquar

No.	MATERIAL	MAKES
10.	Food crusher	Mcalpine, Whirlpool, Garbodrain
11.	Electrical Water Heater	AO-Smith, Jaquar, Racold, Havells, Bajaj
12.	Stainless Steel Sink	Jayna, Neelkanth, Nirali, Cera, Allex, Chilly
13.	C.P. Grating	Chilly, Cardin, Jayna
14.	Cast Brass Clean Out P	GMGR, Neer, Chilly
15.	GM Peet Valve	Honeywell, NVR, DRP, SKS
16.	GM Wheel Valve	Honeywell, NVR, DRP, SKS
17.	Pressure Reducing, balancing Valves	Honeywell, NVR, DRP , SKS
18.	PEX pipe	Kantherm, Aquapress, Unipro
19.	C.I. Non-return valve (Dual Plate type)	Honeywell, NVR, DRP , SKS
20.	CI Pipes, fittings (I.S: 3989-1984)	Neco, Kapilansh Neel, Kartar, Electro steel, RPMF
21.	CI Pipe, fittings (Hubless)	Neco, Kapilansh , Neel, Kartar, Electro steel, RPMF
22.	Polypropylene	REHAU , Osrendorf , Poloplast
23.	Water Cooler with RO	WAE Hyundai, Ion Exchange, voltas
24.	UPVC pipes, fittings	Prince, Astral, Supreme, Finolex, AKG, APL Apollo
25.	CPVC Pipes and Fittings	Prince, Astral, Supreme, Finolex, AKG, APL Apollo
26.	Centrifugally Cast (Spun)Iron Pipes & Fittings	NECO, SKF, Hepco, RPMF
27.	Centrifugally Cast (Spun)Iron(Class LA) Pipes	NEC, Hepco, TATA
28.	Centrifugally Cast (Spun)Ductile Iron Pipes & Fittings	NECO, Jindal(Hissar), Kalinga
29.	C.I. Manhole covers, Frames & GI Gratings	NECO, Hepco, BIC, SKF, Jain Spun Pipe Co., RPMF
30.	Gun Metal Valves, Globes	Kartar, Castle, Zoloto, AIP Valve, DRPM
31.	Floor Traps	Jayana , Chilly, Nirali

No.	MATERIAL	MAKES
32.	Brass Stop & Bib Cock	Zoloto, L&K, Leader, Astral
33.	Non Return Valve (Check valve) ½" to 1¼"	Zoloto, Leader, Kartar, Kirloskar, NVR
34.	Brass Ferrules	Dhawan Sanitary Udyog, Kalsi, Annapurna
35.	Polythylene water storage tank	Sintex, Polycon, SPL, Vectus
36.	Insulation for hot water pipes	Lloyd, Armaflex, Careflex
37.	Insulation for external, exposed hot water pipe	Lloyd, Armaflex, Careflex
38.	Pipe protection for External water supply pipes	Pypkote, Armaflex, Makpolykote
39.	Gully Traps	Perfect, Hind, RK
40.	RCC Pipes(NP-2)	Lakshmi Sood & Sood Jain & Co. Pragati Concrete
41.	Ball Valves, wafer type valves	Zoloto, L&T(Audco), Sant, IVC, DRPM
42.	Air Release Valves	Sant, Leader, Zoloto, Arco, NVR, Castle, DRPM
43.	Pipe coat	IWL Ltd Pypkote STP
44.	CI Double Flanged Sluice Valve	Kirloskar, IVC, NVR, Kejriwal, Zoloto, Kartar
45.	PE-AL-PE	Kitec, Jindal, Supreme, Sant
46.	Solar Water Heating System	Honey Well, Thermax, Racold
47.	Smart ultrasonic water meter	AXIOMA, DIEHL, HONEYWELL
48.	Water Heater(Geyser)	Jaquar, Bajaj, Spherhot, Havells, Racold
49.	Pressure Guage	H-Guru, Emerald, Fiebig
50.	Aluminum Ladder	Simplex, Asian paint, Alco Aluminium Ladders, TATA
51.	Electronic Flow Meter	Rockwin, Aquamate, Siemens
52.	Water Level Controller	ABB, LIFA, Patson, Advance, Nivo Control
53.	Water Level Indicator	ABB, LIFA, Patson, Advance, Nivo Control



No.	MATERIAL	MAKES
54.	Water Meter	Shenitech, Spire, Omicron, Capstan, Zoloto, Leader, Actaris, Sant
55.	Grease Trap	Kessel, Nugreen, Ecotech
56.	Lifting station	Kessel, SANI , KBL, Crompton greaves
57.	Pipe Supports, Hangers	Hira Walraven, Cady, Gripple, HILTI
58.	Air Vent Valve	Oven trop (Germany) , CIM, Zoloto, C&R Fab media
59.	Flanges	Table 'H', Class 150, Rajendra Industrial Corporation, Titan Fittings, Metline Industries
60.	Insulation	Aerocell , Armaflex, Eurobatex
61.	Anti-Corrosive Bitumastic Paint	Asian, Burger, J&N
62.	Epoxy Paint & Paint Primer	Asian, Berger , J&N
63.	C.I. S&S , Double flanged fittings	Kartar, National , Kesoram
64.	Anti-corrosive tape for Pipe protection (As Per IS : 1022 -1982)	Pypcoat, Marphalt, 3M, STP Limited
65.	Foot Valve	Kirloskar, Kalpana
66.	Multiport Valve	Pharer (U.S.A), Flack (U.S.A)
67.	Welding Rod	Advani, Oerlikon, ESAB

#### LIST OF PREFERRED MAKES: EXTERNAL WATER SUPPLY

#### SECTION - 5

LIST OF MAKES OF MATERIALS – EXTERNAL PLUMBING SERVICES WORKS		
S.No.	Details of Materials , Equipment	Manufacturer's Name
1	DWC Pipes & Fittings (Sewerage & Drainage)	Astral, Supreme, Prince, Finolex
2	Ball Valve	Honeywell, NVR, DRP, SKS, Zoloto
3	CI Sluice Valve	Honeywell, NVR, DRP, SKS, Zoloto

LIST OF MAKES OF MATERIALS – EXTERNAL PLUMBING SERVICES WORKS		
S.No.	Details of Materials , Equipment	Manufacturer's Name
4	Butterfly Valve	Honeywell, NVR, DRP, SKS, Zoloto
5	Non-return Valve	Honeywell, NVR, DRP , SKS, Zoloto
6	CPVC/PVC Pipes and fittings	Prince, Astral, Supreme, Finolex, AKG, APL Apollo
7	Strainers	Honeywell, NVR, DRP, SKS
8	Flanges	Rajendra Industrial Corporation, Titan Fittings, Metline Industries
9	Anti-Corrosive Bit mastic Paint	Asian, J&N, ICI
10	Epoxy Paint	Asian Paints , Berger , Nerolac,Sika, Fosroc, J&N, ICI
11	Electronic Digital Type Water Meter	Shanitech, Seimens, Actaris
12	Plastic Encapsulated Foot Rests	KGM, KK, Waltzer
13	Anti-Corrosive Tape	Pypcoat, Marphalt, 3M, STP Limited
14	Pipe support, Clamps And Hangers	Hira Walraven, Cady, Gripple, HILTI
15	SFRC Cover & Frame	K.K.Manhole, Pragati, Jain Spun Pipe
16	FRP Manhole Cover	K.K.Manhole, Pragati, Jain Spun Pipe
17	Air Release Valve,	Honeywell, NVR, DRP , SKS
18	HDPE pipes & Fittings (PE-80)	Astral, Supreme, Ajay
19	CI Double Seal Manhole Cover With Frame	NECO, RIF, BIC, Hepco, SKF, Jain Spun Pipe Co. , RPMF
20	CI Surface Box	NECO, RIF, BIC, Hepco, SKF, Jain Spun Pipe Co. , RPMF
21	Wrapping Coat	Pypcoat , 3M, STP Limited
22	GI, MS Pipes	Jindal (Hissar), Prakash Surya, TATA, Supreme, APL Apollo
23	G.I. Fittings	Unik , DRP, NVR
24	Pipe Protection Pypcoat (Aw4) Wrapping	Iwl , STP Limited, Jainsons Industries
25	Electronic Level Indicator	ABB, LIFA, Patson, Advance, Nivo Control
27	Welding Rods	Advani, Oerlikon, ESAB,L&T, Manglam

LIST OF MAKES OF MATERIALS – EXTERNAL PLUMBING SERVICES WORKS		
S.No.	Details of Materials , Equipment	Manufacturer's Name
28	Paints, Primers , Epoxy Paint,	Asian Paints, Berger, birla

### LIST OF PREFFERED MAKES: ELECTRICAL SERVICES

#### SECTION – 6

LIST OF PREFERRED MAKES		
SR. NO.	DETAILS OF EQUIPMENT AND MATERIALS	MANUFACTURER'S NAME
1.	M.S. Conduits and accessories	BEC, AKG, Steelkrafts, Percision, Polycab, D-Plast
2.	P.V.C. Conduits and accessories	BEC, AKG, Steelkrafts, Percision, Polycab, D-Plast
3.	G.I. Conduits and accessories	BEC, AKG, Steelkrafts, Percision, Polycab, D-Plast
4.	Conduit Accessories	BEC, AKG, Steelkrafts, Percision, Polycab, D-Plast
5.	G.I.Switch Boxes	Legrand, Schneider, Havells, Honeywell, Lauritz Knudson, ABB, Anchor
6.	FRLS P.V.C. conduits and Accessories	Anchor, BEC, AKG , INDEANA,
7.	GI Flexible Conduit	BEC, RMCON, AKG, Super Sales
8.	DLP Trunking	MK Honeywell , OBO Betterman, Legrand
9.	FRLS , FRLSZH PVC insulated Flexible cables, wires -1100Vgrade	Finolex, RR, KEI, Havells, Anchor, Polycab, Bonton, Excel, Rallison
10.	ELV Cables , Communication cables , Control Cables	Finolex, RR, KEI, Havells, Anchor, Polycab, Bonton, Excel, Rallison
11.	Switches, Sockets, Power Units & Accessories	Honeywell - Blenze pro, Schneider- Zencilo, Legrand- Areteror/Mosaic, Crabtree- Mureno, Clipsal (Opal Series), Wipro (Northwest), Anchor Roma, Havells
12.	Industrial socket outlet (Socket &Top)	Legrand, Neptune, Mennekes
13.	Gang Boxes	Honeywell - Blenze pro, Schneider, Zencilo, Legrand, Areteror, Crabtree- Mureno
14.	LT XLPE insulated Aluminum , copper conductor armored cable of	Polycab, KEI, Havells, RR Kabel, Finolex, Bonton, Excel, Rallison

LIST OF PREFERRED MAKES		
SR. NO.	DETAILS OF EQUIPMENT AND MATERIALS	MANUFACTURER'S NAME
	1100 volt grade	
15.	PVC Insulated Copper Conductor Stranded Flexible Wires/ Multicore Cable	Polycab, KEI, Havells, RR Kabel, Finolex
16.	Cable Glands with Earthing Links	Comet, Stepwell, Gripwell, Dowell, Electromac, Siemens, Jainsons, Braco, Hex Brass
17.	Bimetallic Cable Lugs	Dowells , Jainsons , Comet, Braco, Hex Brass (Copper Alloy India)
18.	LED Light fixtures (Indoor)	Havells, Philips, Wipro, Osram, Crompton, Compact, LT, Helonix, Orient
19.	Ceiling Fans & Exhaust Fans	Crompton, Havells, Anchor, Orient, Polycab, Bajaj
20.	Standalone Occupancy, Motion Sensors	Honeywell, Schneider, Legrand , Philips
21.	Sealing Compound	Hilti, 3M, M Seal
22.	Lighting Management System	Lutron, Panasonic, Enlighted, Havells, Philips
23.	Signage's Lights	Honeywell, Prolite, Heinrich, Eaton
24.	LED Light fixtures (Outdoor)	Havells, Philips, Wipro, Osram, LT, Crompton, Compact, Helonix, Orient
25.	Bollards and Outdoor Ornamental Poles and Accessories	Crompton, Havells, Bajaj, Philips, Panasonic, K-Lite, Wallmount
26.	Solar Street Light Fitting with pole	Philips, Trilux, Panasonic, Crompton, Havells, Anchor
27.	Octagonal Steel Pole	Crompton, Havells, Bajaj, Philips, Insta Power
28.	Maintenance Free Earthing	OBO, CAPE, DEHN, Protech, JMV, Ecosafe, Teksai
29.	Cable Trays (Factory Fabricated)/ Raceways	Anchor, MEM, Indeana, AKG, Indiatech, Profab, SMC, Swastik, RICCO Steel, SLOTCO, NEEEDO, PROFAB Engineer
30.	Raceways, floor trunking	Honeywell, Legrand, SPC, AKG, Electro Tech
31.	Floor Access Box	Honeywell, AH-Meyer, Davis
32.	LT Jointing Kit, Termination	Raychem, Birla-3M, Densons, Mahindra, Safe Kit

LIST OF PREFERRED MAKES		
SR. NO.	DETAILS OF EQUIPMENT AND MATERIALS	MANUFACTURER'S NAME
33.	Surge protection devices	Cape Electric, OBO , ZOT-UP , ABB-Furse
34.	Lightning Protection System	Erico, Alltec, Tercel
35.	UPS system & Inverters	Eaton, Vertiv, Schneider, Siemens, Emerson, Mitsubishi
36.	Li-Ion UPS Batteries	Samsung, LG, Siemens, Exide
37.	VRLA Maintenance Free UPS Batteries	Amaraja, Quanta, Exide
38.	Wire Mesh Tray	Legrand – Cablofil, Schneider, OBO
39.	Rubber Mat	Premier, Polyfilm, Jyoti
40.	Panel Gas Flooding System	Suprex, Minimax, Ceasefire, Firetrac
41.	Industrial socket	Neptune, Hensel, Grasp, Cape
42.	Junction Boxes , isolator Boxes	Legrand, Neptune, AH-Meyer, Grasp
43.	Distribution Board/Pre Wired Distribution Board	Anchor, Havells, Legrand, ABB, Schneider, Siemens, L&T
44.	LT Panels (TTA)	ABB, Schneider, Legrand, L&T, Advance Panel & Switchgear, Risha, Adlec, Tricolite, Precision System Control, SPC Electrotech, C & S
45.	LT Panels (PTTA) & Distribution Panels	ABB, Schneider, Legrand, L&T, Advance Panel & Switchgear, Risha, Adlec, Tricolite, Precision System Control, SPC Electrotech, C & S, Neptune, India tech
46.	Capacitor, Capacitors Bank	EPCOS, Schneider, ABB, Neptune, Crompton greaves, L&T, Siemens, HPL
47.	APFC Relay	P2P, Schneider, L&T, Inphase, Epcos, Neputne, ducati, HPL
48.	Active Harmonic Filters	Schneider, Neptune, L&T
49.	Bus Ducts, Rising Mains	ABB, Schneider, Legrand, L&T, Risha, Precision System Control, SPC Electro Tech, Anant Power
50.	ACB and Accessories	ABB, Schneider, Siemens, Legrand, LAURITZ Knudson, L&T
51.	MCCB and Accessories	ABB, Schneider, Siemens, Legrand, LAURITZ Knudson,

LIST OF PREFERRED MAKES		
SR. NO.	DETAILS OF EQUIPMENT AND MATERIALS	MANUFACTURER'S NAME
		L&T, Havells
52.	Miniature circuit breakers (MCB), RCCB, RCBO	ABB, Schneider, Siemens, LAURITZ KnudsonHavells, L&T
53.	Auto Transfer Switch	ABB, Schneider, Siemens, LAURITZ Knudson, L&T
54.	Earth Leakage Circuit breaker	ABB, Schneider, Siemens, LAURITZ Knudson , L&T
55.	Indicating Lamps	ABB, Schneider, Siemens, LAURITZ Knudson, L&T
56.	Terminal Blocks/ Connector	Elmex Wago, Connectwell
57.	Multifunction Meters	Schneider , Neptune , Secure , Siemens
58.	Dual Source Energy meters	Schneider , Neptune , Secure , ABB , Elmeasure
59.	Current Transformer	Kappa , AE , Procom , Precise
60.	Protection Relay (Numerical)	ABB , Schneider , Siemens , LAURITZ Knudson, L&T
61.	Master Trip , Auxiliary Relay (EM Relays)	ABB , Schneider , Siemens , LAURITZ Knudson, L&T
62.	Power Contactor-AC 3 Rating, Capacitor Duty Contactor , Starter , Thyrister Module , Harmonic	Schneider , ABB , Siemens ,LAURITZ Knudson, Neptune, L&T
63.	FRLS Copper wires for panel internal wiring	Polycab, RR, Finolex, Anchor, Havells, KEI, AKG
64.	Overload Relays with built-in single-phase preventer	ABB , Schneider , Siemens
65.	Selector Switch	ABB, Schneider, Siemens, LAURITZ Knudson, L&T
66.	Timer	ABB, Schneider, Siemens, LAURITZ Knudson, L&T
67.	PLC	Allen bradley, Schneider, LAURITZ Knudson, Siemens, L&T
68.	Push button	Schneider, ABB, Siemens, LAURITZ Knudson, L&T
69.	Rotary Switch	ABB, Schneider, Siemens, LAURITZ Knudson,L&T
70.	GI Conduits and accessories	BEC, Super Sales, AKG, polypack, Supreme
71.	Lead Coated Flexible GI Conduit	Plica India Pvt. Ltd., Flexicon
72.	GI pipe	Jindal, Tata, Prakash Surya, Supreme,APL Apollo

LIST OF PREFERRED MAKES		
SR. NO.	DETAILS OF EQUIPMENT AND MATERIALS	MANUFACTURER'S NAME
73.	HDPE , DWC Pipe	Ajay, Astral, Supreme
74.	RCC Frame & Cover	HP Strongdrain , Fibreone , GW Drain
75.	RCC pipes	Pragati, Jainspun, Om spun
76.	PVC Pipe	Astral, Supreme, Prince, APL Apollo
77.	Steel Supports	TATA , SAIL , Jindal
78.	HT Cables	Polycab, KEI, Finolex, Havells, KEC, Anchor, RR, Bonton
79.	HT Termination Kits	3M, Raychem, Birla-3M, ABB
80.	Solar Panels	Nova Energie , BHEL, Havells, Tata Solar Power, Photon, Topsun, Powertech, Indosolar (waaree), Anchor
81.	Solar Inverters	Consul Neowatt , Bonfiglioli , Havells
82.	Batteries	AMARAJA , QUANTA , EXIDE , HBL
83.	Electrical Motor, Motor Starter , Contactor, Switches	Siemens, ABB, Crompton, LAURITZ Knudson, Kirloskar

#### LIST OF PREFERRED MAKES: SPECIALIZED WORKS

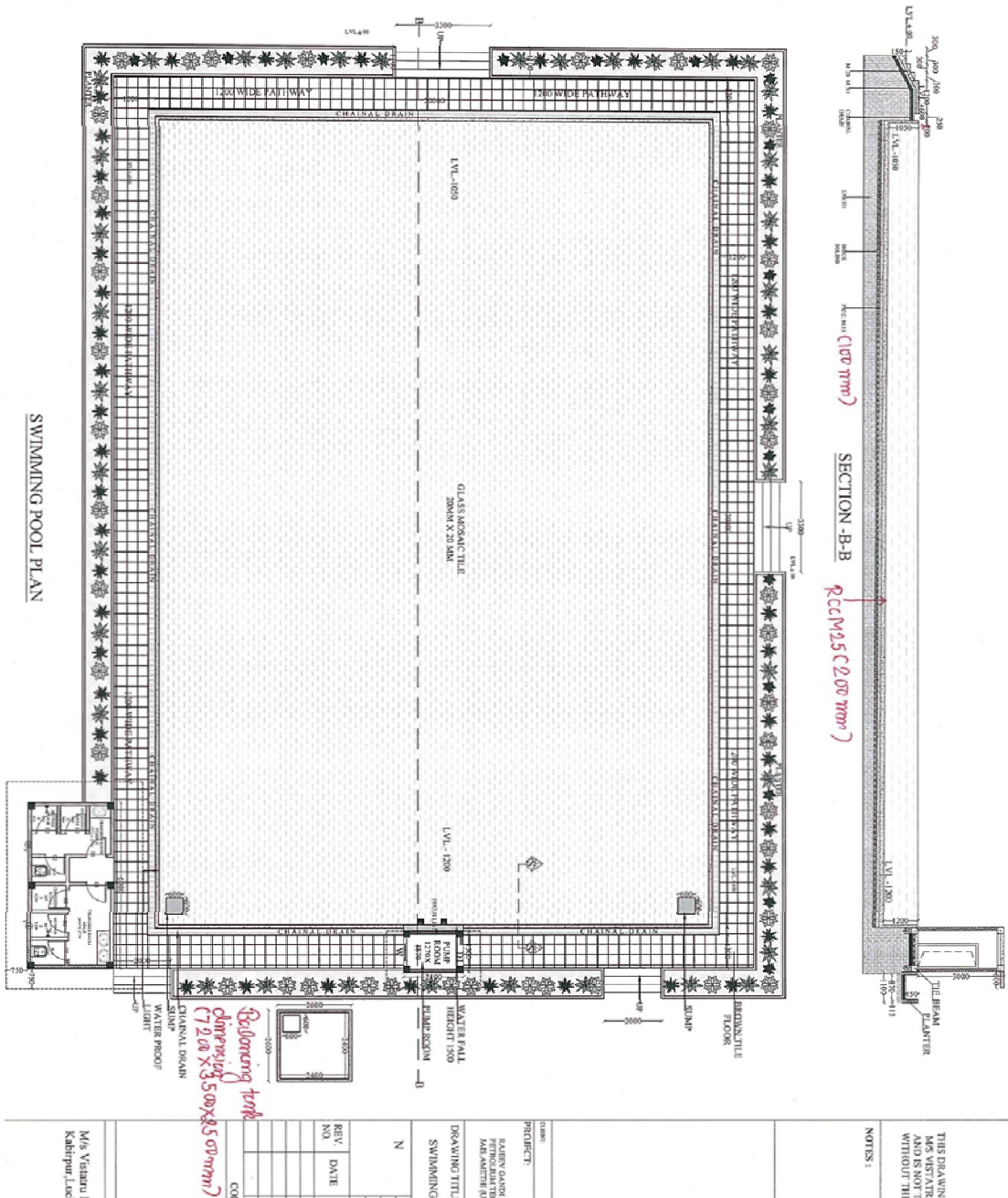
##### SECTION – 7

LIST OF PREFERRED MAKES		
SR. NO.	DETAILS OF EQUIPMENT AND MATERIALS	MANUFACTURER'S NAME
1.	Filter and Multiport Valve	Astral, Spain, Certikin, UK, Louis, Emaux
2.	Re-circulating Pump and pump for waterfall	Astral, Spain, Certikin, UK, Louis
3.	Chemical Dozing System	Aqua, Italy, astral, Spain
4	Swimming Pool Lights	Reputed and Good Quality
5	UV Sterilizer	Astral, Spain, Certikin, UK, Blue Lagoon

LIST OF PREFERRED MAKES		
SR. NO.	DETAILS OF EQUIPMENT AND MATERIALS	MANUFACTURER'S NAME
6.	Submersible Pump	Kirlosker, Crompton, KSB, Texmo
7.	Mono Block Centrifugal Pump	Kirlosker, Crompton, KSB, Texmo
8.	SMPS Controller	Reputed and Good Quality
9.	Swimming Pool Lights	Reputed and Good Quality
10.	UPVC pressure pipes of 10Kgf/cm <sup>2</sup> pressure including fittings, tees, bends, clamps, coupling and adaptors supports	Prince, Astral, Supreme, Finolex, AKG, APL Apollo
11.	uPVC Puddle and Sleeves of 10Kgf/cm <sup>2</sup> pressure including fittings, tees, bends, clamps, coupling and adaptors supports	Prince, Astral, Supreme, Finolex, AKG, APL Apollo
12.	Butterfly Valve	Zoloto, Sant, ICV, L&T, Kirloskar
13.	Providing and fixing Non re turn valve	Zoloto, Sant, ICV, L&T, Kirloskar
14.	Modular Overflow Channel Grating	Reputed and Good Quality
15.	Floor Inlet Nozzle	Reputed and Good Quality
16.	Vacuum Nozzle	Reputed and Good Quality
17.	Drain Sump Grille	Reputed and Good Quality



## DRAWINGS



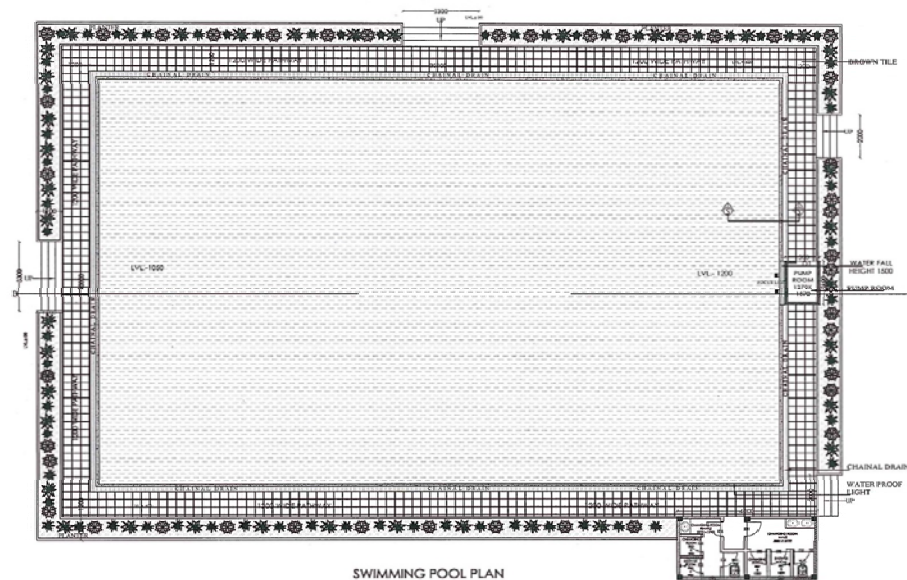
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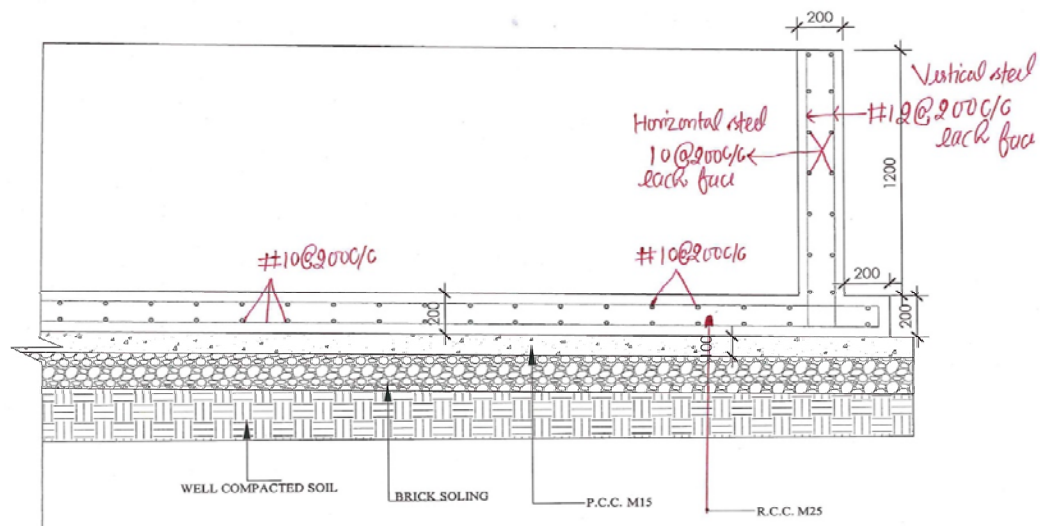
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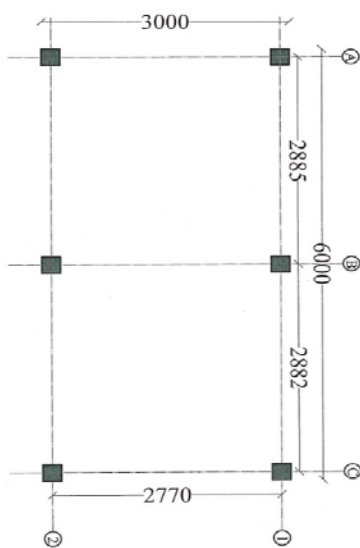
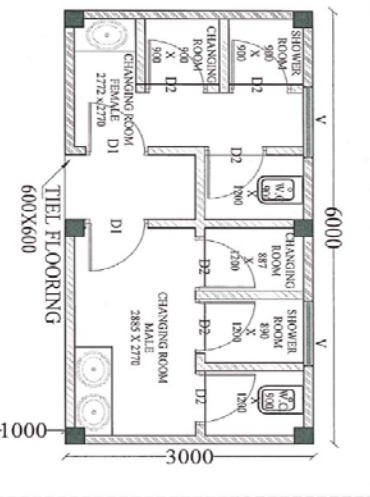
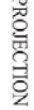
PROJECT:		RABBIT GARDEN INSTITUTE OF TECHNOLOGY MADRAS (AUT)	
DRAWING TITLE: SWIMMING POOL PLAN			
REV	NO.	DATE	REMARKS
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CONSULTANTS			

M/s Vistaru Infracon Pvt.Ltd.  
Kabirpur, Lucknow



## KEY PLAN





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NOTES:

PROJECT:

RAJEEV GANDI INSTITUTE OF  
PETROLEUM TECHNOLOGY  
JALSA, MATHI (U.P.)

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DRAWING TITLE:

CHANGING ROOM  
WORKING PLAN

### WORKING PLAN

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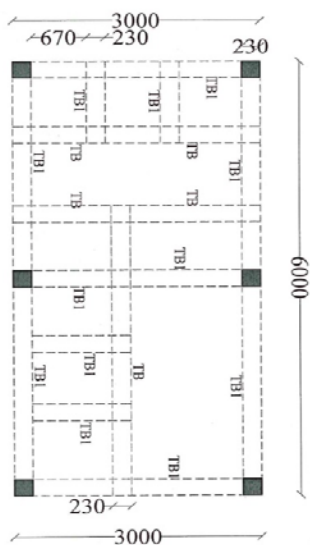
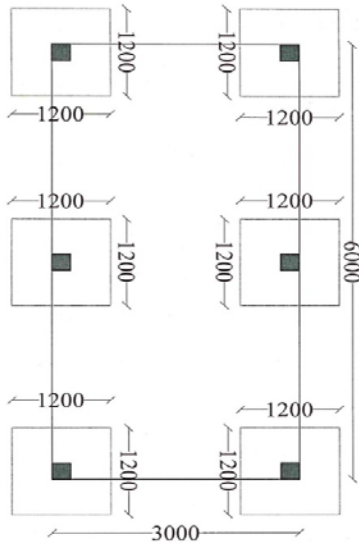

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III

M/s Vistaru Infracon Pvt.Ltd.  
Kabirpur, Lucknow

10W



TYPE	SIZE	TOP BAR	BOTTOM BAR	RING
TB	230 X 300	12 MM 3 NOS.	12 MM 3 NOS.	8 MM 150 C/C
TB1	230 X 230	12 MM 2 NOS.	12 MM 3 NOS.	8 MM 200 C/C

BEAM PLAN

SLAB PLAN

## BEAM DETAIL

COLUMN

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FOOTING

## SECTION AT S1-S1

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NOTES:

PROJECT:

RAJEEV GANDI INSTITUTE OF  
PETROLEUM TECHNOLOGY  
JALSA, AMETHI (U.P.)

DRAWING TITLE:

CHANGING ROOM  
WORKING PLAN

N	DRAWN BY	SUDHANSHU
	DATE	16-01-2026

SCALE	1:100
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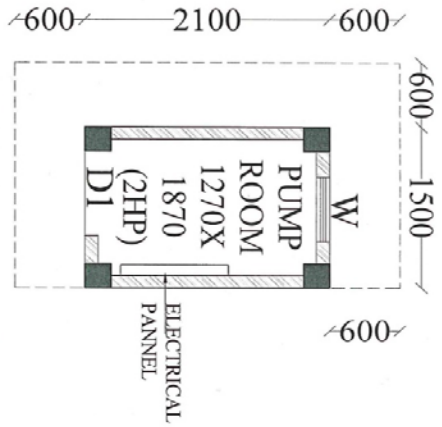
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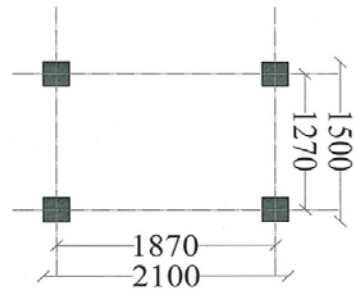

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M/s Vistaru Infracon Pvt.Ltd.

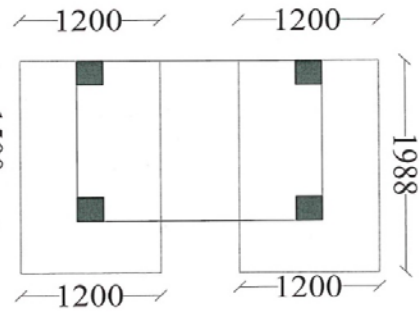
Kadirpur, Lucknow



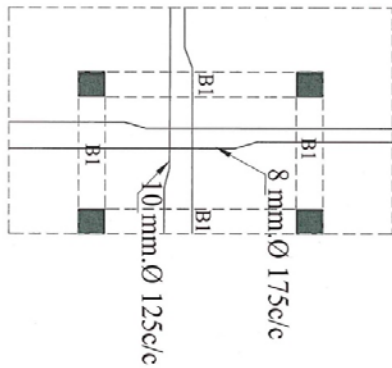
PUMP ROOM PLAN



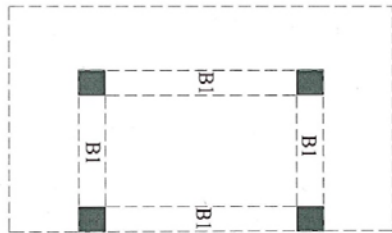
CENTER LINE PLAN



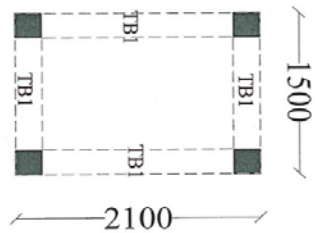
FOOTING PLAN



SLAB PLAN



BEAM PLAN



TIE BEAM PLAN

TYPE	SIZE	TOP BAR	BOTTOM BAR	RING
TB	230 X 230	12 MM 2 NOS.	12 MM 3 NOS.	8 MM 200 C/C

NOTE:

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M/S. VISITRUM INFRACON PVT. LTD.  
AND IS NOT TO BE COPIED OR USED  
WITHOUT THEIR PRIOR PERMISSION.

NOTES:

DATE:

PROJECT:

RAREEY GANDI INSTITUTE OF  
TECHNOLOGY  
HARIDWAR (U.P.)

DRAWING TITLE:

PUMP ROOM WORKING  
PLAN

N

DRAWN BY: SKRISHNA  
DATE: 16-01-2025

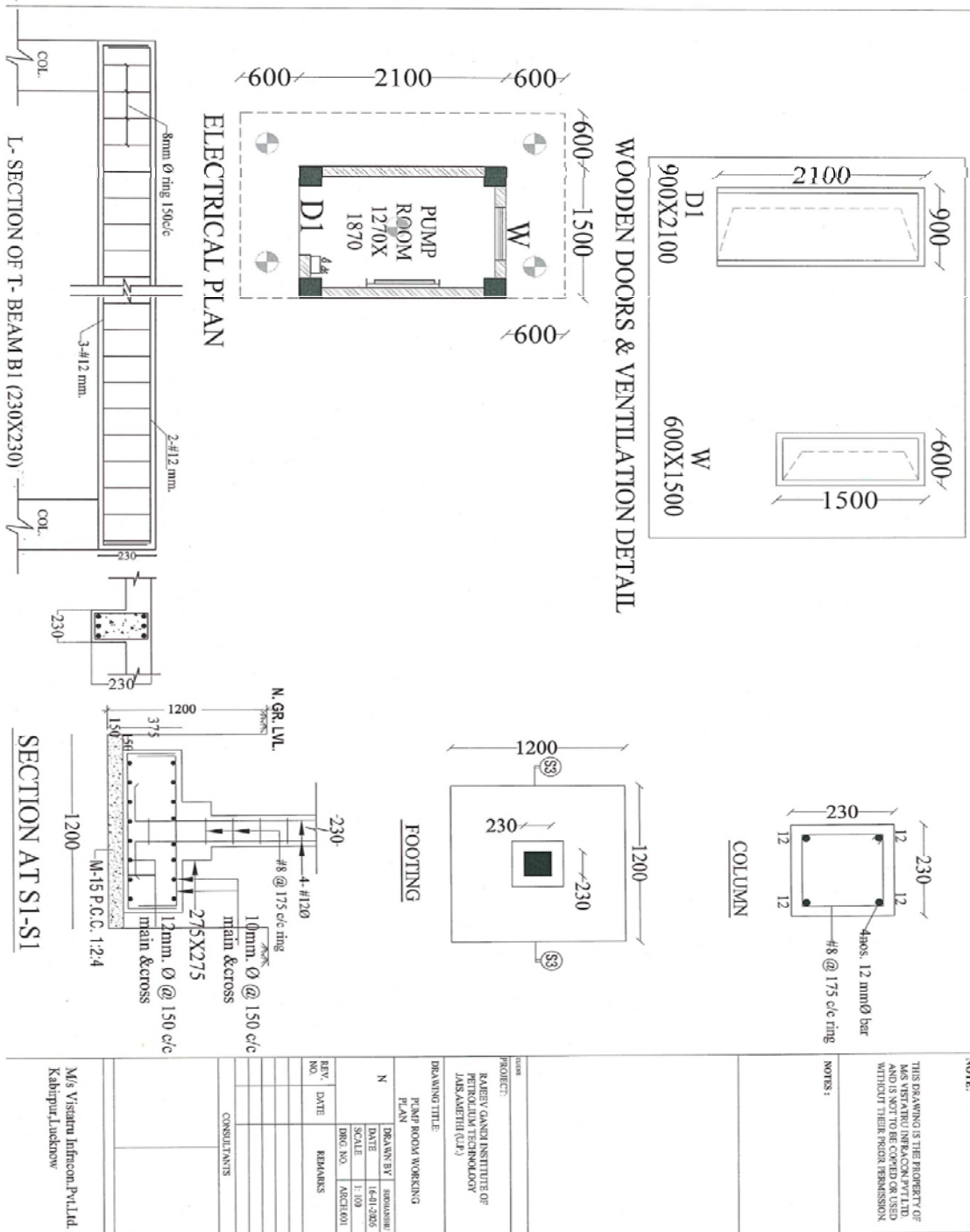
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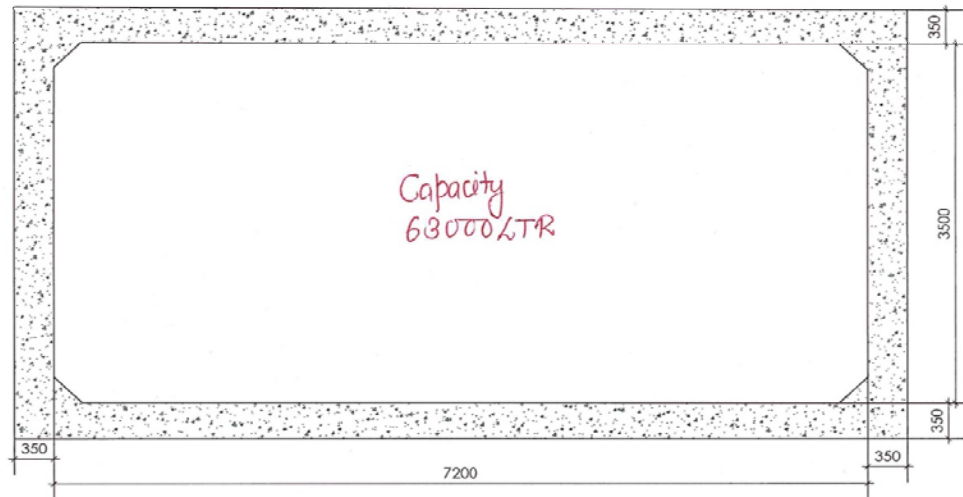
REV. NO. DATE REMARKS

CONSULTANTS

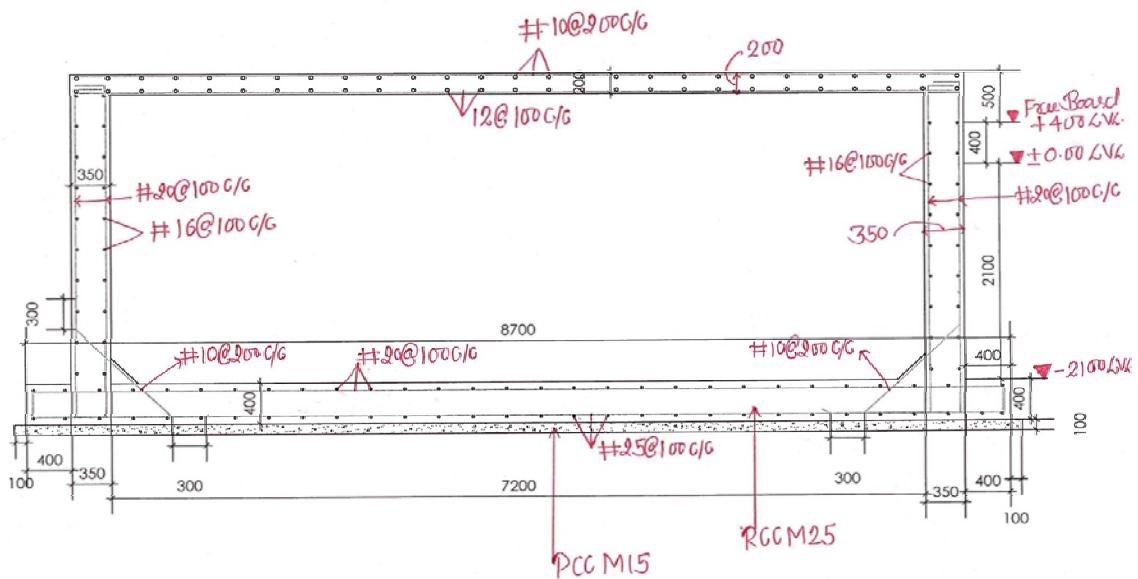
M/s Visitrum Infracon Pvt.Ltd.  
Kabraipur, Lucknow

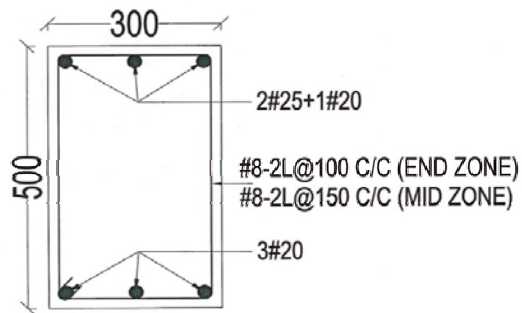
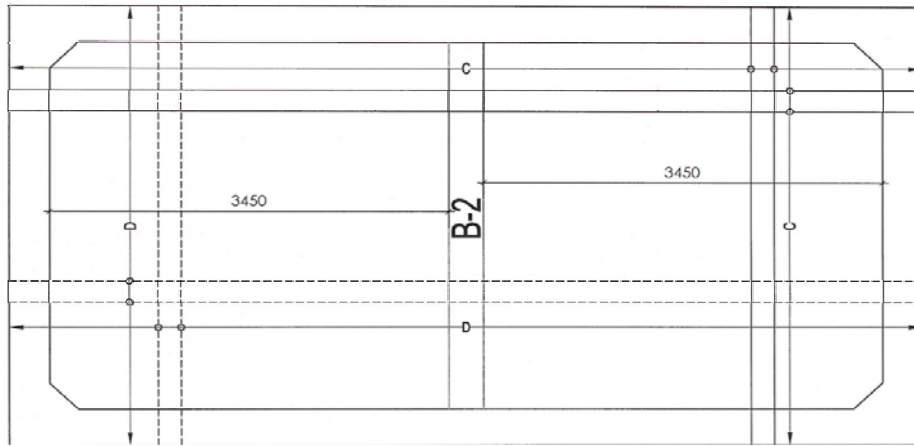






## BALANCING TANK



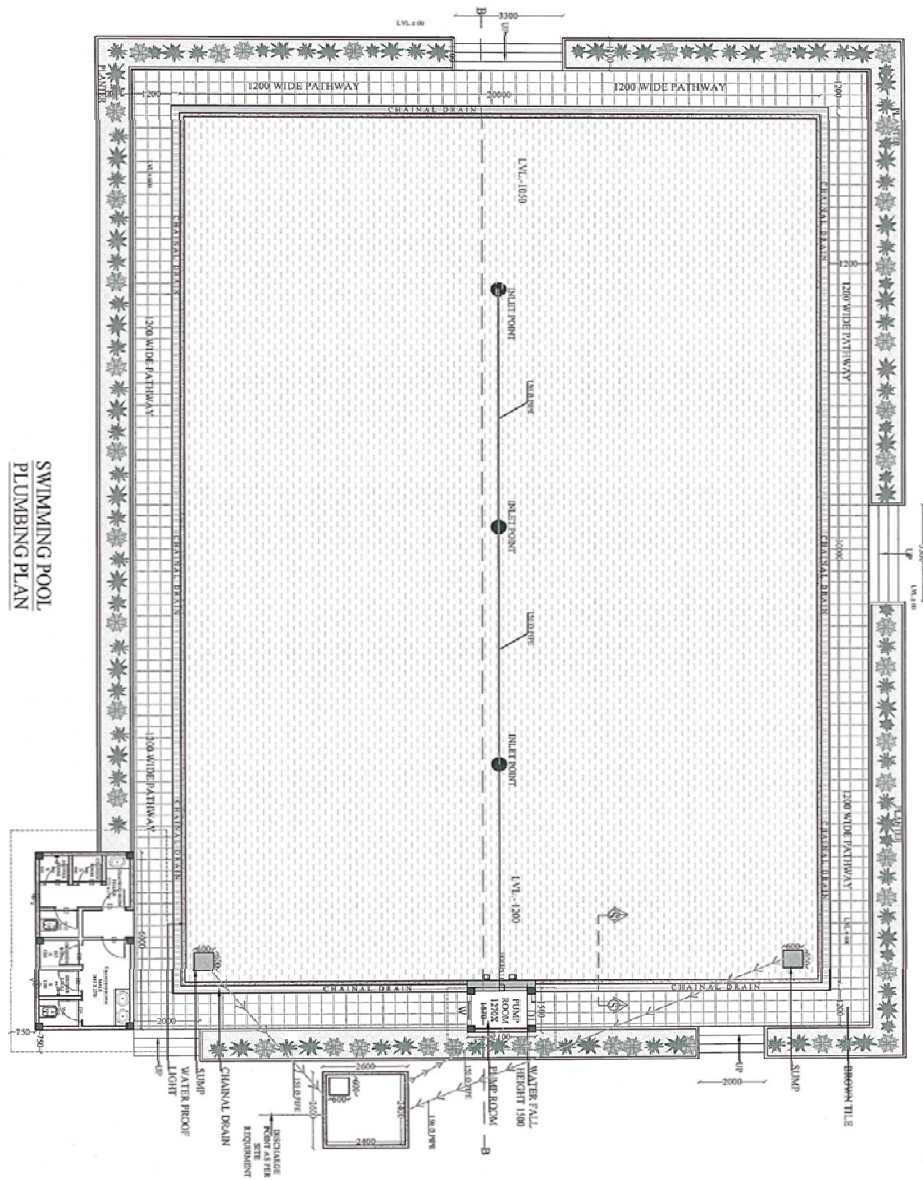


NOTATION FOR SLAB REINF.		
S. no.	Notation	Description
1	C	#12@100c/c
2	D	#10@200c/c

### BEAM B-2

BEAM PLAN & SLAB REINF. DETAIL AT TOP LVL OF BALANCING TANK  
OVER ALL SLAB THICKNESS 200 MM OTHER WISED MENTIONED





SWIMMING POOL  
PLUMBING PLAN

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WITHOUT THEIR PRIOR PERMISSION.

NOTES:

PROJECT:  
RAJENDRA INFRASTRUCTURE  
DEVELOPMENT (LTD)

DRAWN BY: SUDHAKAR  
DATE: 22-01-2018

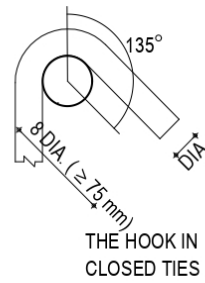
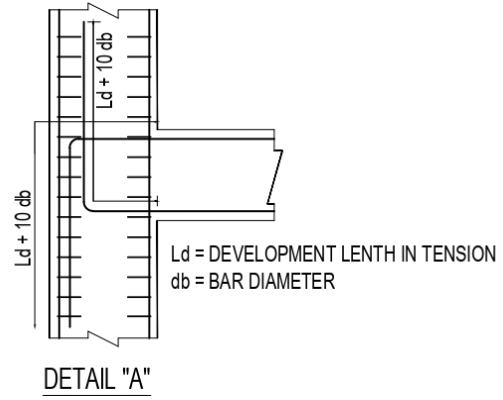
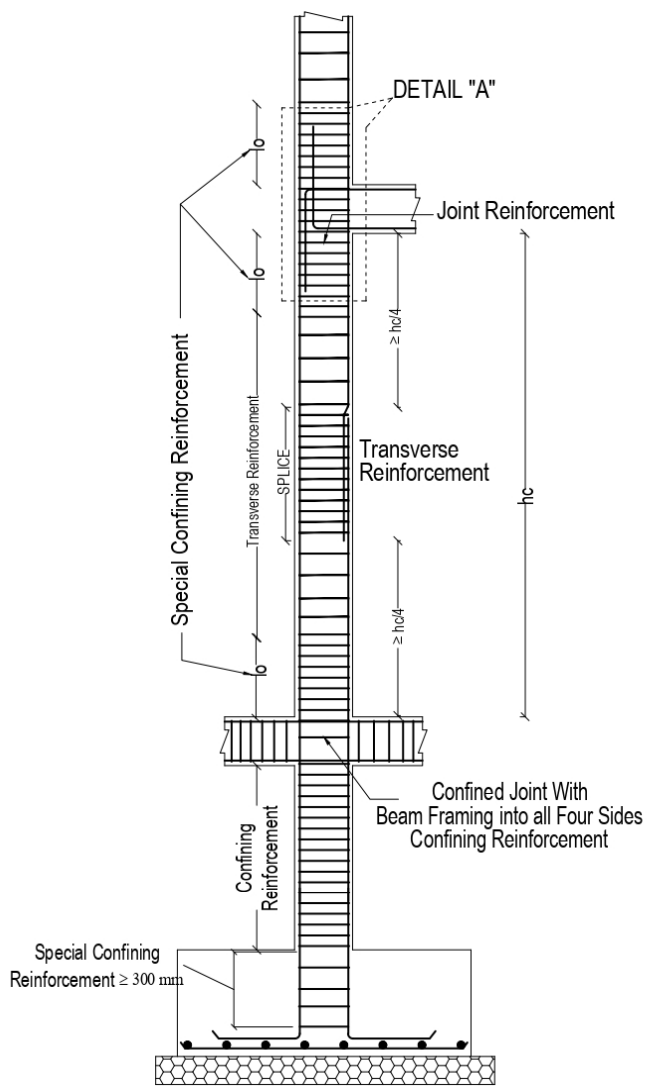
SCALE: 1:100  
DRG. NO. ARCH-001

REV. DATE

REMARKS

CONSULTANTS

M/S Visatru Infracon Pvt.Ltd.  
Kadappur, Chennai



Provision Of Special Confining Reinforcement in footing

**TECHNICAL BID FORMAT**

<b>1</b>	Name and Registered Office Address of the firm/ Company/ Proprietorship.  <b>Copy of Certificate of Incorporation / Registration or any other relevant document, as applicable, should be submitted along with a copy of address proof Copy of constitution or legal status of the sole proprietorship / firm / company etc.</b>	
<b>2</b>	Telephone Nos. / Mobile Nos.	
<b>3</b>	E-mail ID	
<b>4</b>	Earnest Deposits money (EMD) (Yes/No)  <b>Proof of submission of EMD should be submitted by the bidder.</b>	
<b>5</b>	PAN Number  <b>Copy of PAN Card should be submitted by the bidder.</b>	
<b>6</b>	Bank Account details  <b>Copy of cancelled cheque should be submitted by the bidder.</b>	
<b>7</b>	a) EPF Registration Number b) ESI Registration Number  <b>Copy of registration certificate should be submitted by the bidder.</b>	
<b>8</b>	GSTIN Registration Number  <b>Copy of GST Registration Certificate should be submitted by the bidder.</b>	
<b>9</b>	Contractor's Enlistment Certificate with the CPWD/State PWD/MES/Railways as Civil Contractor. (Yes / No).  <b>Copy of enlistment certificate should be submitted by the bidder.</b>	

10	<p>Completion Certificate in support of work of similar nature during last 7 years (Yes / No).</p> <p><b>Copy of work completion certificate should be submitted by the bidder.</b></p>	
11	<p>Average Annual Financial Turnover during last 3 financial years i.e. for 2022-23, 2023-24 &amp; 2024-25 in the format as prescribed in <b>Annexure - 6</b> (Yes / No)</p> <p><b>Copy of profit and loss account of the balance sheet and CA Certificate of annual reports should be submitted by the bidder.</b></p>	
12	<p>Income Tax Return filed acknowledgement for last 3 years i.e. for 2022-23, 2023-24 &amp; 2024-25. (Yes / No)</p> <p><b>Copy of ITRs should be submitted by the bidder.</b></p>	
13	<p>Audited Annual Account of last 3 years i.e. for Financial Years 2022-23, 2023-24 &amp; 2024-25. (Yes / No)</p> <p><b>Copy of same should be submitted by the bidder.</b></p>	
14	<p>Notarized Affidavit on Non-Judicial stamp paper of Rs 100.00 regarding firm not being blacklisted or debarred by any Government Department in any State in the format as prescribed in <b>Annexure-11</b> (Yes / No)</p> <p><b>Copy of the same should be submitted by the bidder.</b></p>	
15	<p>Acceptance of Tender Conditions</p> <p>(Yes / No):</p> <p><b>Bidders should submit the Annexure – 5 duly signed and after putting the company stamp.</b></p>	

(Signatures of the authorized signatory  
with seal of tendering firm)

**INTEGRITY PACT**

**(For Institute)**

To

Subject: NIT No. RGIPT/SWIM-POOL/01/2026 for the work of “Construction of a Swimming Pool at RGIPT Jais, Campus”

Dear Sir/Madam,

It is hereby declared that Office of Institute Works Department (IWD), RGIPT is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender / bid documents, failing which the tenderer / bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the Office of Institute Works Department (IWD).

Yours faithfully

Chairman – IWC & IEC  
(On Behalf of RGIPT)

**INTEGRITY PACT**

**(By Bidder)**

To  
The Chairman - IWC & IEC

Subject: Submission of Tender for the work of “Construction of a Swimming Pool at RGIPT Jais Campus”.

Dear Sir/Madam,

I / We acknowledge that \_\_\_\_ is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I / We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process.

I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by Office of Institute Works Department (IWD). I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement; while submitting the tender/bid, Office of Institute Works Department (IWD) shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/bid.

Yours faithfully  
(Duly authorized signatory of the Bidder)

## **INTEGRITY AGREEMENT**

(To be signed by the bidder and same signatory competent / authorized to sign the relevant contract  
on behalf of Chairman IWC & IEC)

This Integrity Agreement is made at ..... on this ..... day of  
.....20.....

### **BETWEEN**

The Director represented through Chairman, Institute Works Department (IWD), RGIPT, Jais, Amethi (Hereinafter referred as the 'Principal/Owner', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

### **AND**

.....  
.....

(Name and Address of the Individual/firm/Company)

through (Hereinafter referred to as the (Details of duly authorized signatory) "Bidder/Contractor" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

### **Preamble**

WHEREAS the Principal/Owner has floated the Tender (NIT No: **RGIPT/SWIM-POOL/01/2026** (hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract for **"Construction of a swimming pool at RGIPT Jais Campus"** (Name of work)  
here in after referred to as the "contract".

AND WHEREAS the Principal / Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "Integrity Pact" or "Pact"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

### **Article 1: Commitment of the Principal / Owner**

1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:

(a) No employee of the Principal/Owner, personally or through any of his/her family

members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

© The Principal / Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC) / Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

## **Article 2: Commitment of the Bidder (s) / Contractor(s)**

1) It is required that each Bidder / Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2) The Bidder(s) / Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:

a) The Bidder(s) / Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal / Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.

b) The Bidder(s) / Contractor (s) will not enter with other Bidder (s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.

c) The Bidder(s) / Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s) / Contract(s) will not use improperly, (for the purpose of competition or



- personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- d) The Bidder(s)/ Contractor(s) of foreign origin shall disclose the names and addresses of agents / representatives in India, if any. Similarly, Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participates in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.
  - e) The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose (with each tender as per Performa enclosed) any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- 3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
  - 4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.
  - 5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his / her reputation or property to influence their participation in the tendering process).

### **Article 3: Consequences of Breach**

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal / Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder / Contractor accepts and undertakes to respect and uphold the Principal / Owner's absolute right:

- 1) If the Bidder (s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the

Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal / Owner. **Such exclusion may be forever or for a limited period as decided by the Principal / Owner.**

**2) Forfeiture of Performance Guarantee / Security Deposit:**

If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder / Contractor.

**3) Criminal Liability:**

If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of Indian Penal code (IPC)/Prevention of Corruption Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

**Article 4: Previous Transgression**

- 1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
- 2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holding listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.
- 3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

**Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors**

- 1) The Bidder(s) / Contractor(s) undertakes(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder / Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/ sub-vendors.

- 2) The Principal / Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The Principal / Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

#### **Article 6:- Duration of the Pact**

- 1) This Pact begins when both the parties have legally signed it. It expires for the Contractor / Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.
- 2) If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority.

#### **Article 7: Other Provisions**

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Headquarters of the Division of the Principal / Owner, who has floated the Tender.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.
- 3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
- 4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation there of shall not be subject to arbitration.

#### **Article 8: LEGAL AND PRIOR RIGHTS**

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and

remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender / Contract documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....  
(For and on behalf of Principal/Owner)

.....  
(For and on behalf of Bidder/Contractor)

WITNESSES:

1. ....  
(Signature, name and address)

2. ....  
(Signature, name and address)

Place:-

Dated:

**ACCEPTANCE OF TENDER CONDITIONS**

From: (To be submitted in Original on the letter head of the company by the authorized officer having power of attorney)

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY  
Mubarakpur, Mukhetia, Bahadurpur, Post : Harbanshganj,  
Jais, Amethi- 229304

**Sub: Construction of Swimming Pool at RGIPT, Jais Campus & RGIPT/SWIM-POOL/01/2026:**

**Sir,**

- i) This has reference to above referred tender. I/We are pleased to submit our tender for the above work and I/We hereby unconditionally accept the tender conditions and tender documents in its entirety for the above work.
- ii) I/We are eligible to submit the tender for the subject tender, and I/We are in possession of all the documents required.
- iii) I/We have viewed and read the terms and conditions of this GCC/SCC carefully. I/We have downloaded the following documents forming part of the tender document:
  - a) Critical Date and Information
  - b) Instruction for Online Bid Submission (Guideline for Bidders)
  - c) Table of Contents
  - d) Notice Inviting E-Tender
  - e) Instructions to Bidders
  - f) General Conditions of the Contract
  - g) Special Conditions of the Contract
  - h) Specifications
  - i) Scope of Work
  - j) List of Machinery, Tools & Plants & Testing Equipment to be Deployed by the Contractor at Site as & when required
  - k) List of Preferred Makes
  - l) Drawings
  - m) Addendum/Corrigendum, if any- Duly signed by authorized person
  - n) Pre-bid clarifications, if any
  - o) Annexure – 1 (Technical Bid Format)

- p) Annexure – 2 (Integrity Pact for Institute)
  - q) Annexure – 3 (Integrity Pact for Bidder)
  - r) Annexure – 4 (Integrity Agreement)
  - s) Annexure - 5 (Acceptance of Tender conditions)
  - t) Annexure - 6 (Average Annual Financial Turnover)
  - u) Annexure - 7 [Letter of Award (LOA)of Contract]
  - v) Annexure - 8 [Proforma of Bank Guarantee (Performance)
  - w) Annexure - 9 (Agreement Form)
  - x) Annexure -10 (No Claim Certificate)
  - y) Annexure - 11 (Form of Declaration regarding Blacklist / Debar)
  - z) Annexure - 12 (Details of similar nature of works)
- 
- iv) I/we have uploaded the mandatory scanned documents such as EMD, and other documents as per Notice Inviting e-tender AND I/We agree to pay the cost of EMD, (only receipt/proof of online payment).
  - v) Should this tender be accepted, I/We agree to abide by and fulfill all terms and conditions referred to above and as contained in tender documents elsewhere and in default thereof, to forfeit and pay RGIPT, or its successors or its authorized nominees such sums of money as are stipulated in the notice inviting tenders and tender documents.
  - vi) If I/we fail to commence the work from the date of issue of Letter of Award and/or I/we fail to sign the agreement as per Clause 54 of Clauses of General Conditions of Contract and/or I/we fail to submit performance guarantee as per Clause 02 of Clauses of General Conditions of Contract, I/we agree that RGIPT shall, without prejudice to any other right or remedy, be at liberty to cancel the Letter of Award and to forfeit the said earnest money as specified above.

Yours faithfully,  
(Signature of the tenderer with rubber stamp)

Dated \_\_\_\_\_

**AVERAGE ANNUAL FINANCIAL TURNOVER**

Turnover of the Bidder in last 3 years (Please submit CA certified copy of Annual Reports)

<b>Year</b>	<b>Annual Report Submitted (Yes / No)</b>	<b>Turnover in Rs. (Lakh)</b>	<b>Profit/ Loss</b>
2022-2023			
2023-2024			
2024-2025			
<b>Total</b>			
<b>Average</b>			

## LETTER OF AWARD (LOA) OF CONTRACT

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

Mubarakpur, Mukhetia, Bahadurpur, Post : Harbanshganj,  
Jais, Amethi- 229304

Contract No:

Contract Title:

To,

M/ s. [Insert name & address]

Sub: Award of contract for contract no: [insert contract number] and contract title: [insert contract title]

Reference: Your offer against our tender no. [Insert tender no] opened on [insert date of opening of tender]

Dear Sir/ Madam

I am directed to inform you that after evaluating the bid documents submitted by you on [enter date] RGIPT is pleased to inform you that you have been selected as the successful bidder for the work of [enter description]. The total cost of work shall be [enter amount] as indicated in your financial bid submitted on [enter date], in accordance with the procedures intimated in the bid documents.

You/ your authorized representative(s) are requested to be personally present at [insert address] for the signing of the contract agreement of this work within 20 days from the date of issue of this allotment letter.

In this respect, we also request you to submit the performance bank guarantee / FDR in favour of 'Rajiv Gandhi Institute of Petroleum Technology, Amethi for an amount of equal to 5% of the amount of contract value [insert amount of Rupees in words] and which should be valid for one year and 60 days after the completion of work otherwise no payment will be made on account of this work.

This letter of award concludes the legally binding contract between you and the RGIPT, till issue of a formal contract.

Yours truly,

.....

.....

RGIPT, Jais, Amethi



**PROFORMA OF BANK GUARANTEE (PERFORMANCE)**

(Judicial Stamp paper of appropriate value as per stamp Act-of respective state)

To,

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY  
Mubarakpur, Mukhetia, Bahadurpur, Post : Harbanshganj,  
Jais, Amethi- 229304

Whereas the Rajiv Gandhi Institute of Petroleum Technology, Jais , Amethi, Uttar Pradesh – 229304 (hereinafter called "RGIPT" which expression include its successors and assigns) having awarded a work order/contract order No..... dated (hereinafter called the contract) to M/s. .... (hereinafter called the contractor) at a total price of Rs..... subject to the terms and conditions contained in the contract.

WHEREAS, the terms and conditions of the contract require the contractor to furnish a bank guarantee for Rs..... (Rupees.....) being 5% of the total value of the contract for proper execution and due fulfillment of the terms and conditions contained in the contract.

We, the Bank, (hereinafter called the "Bank") do hereby unconditionally and irrevocably undertake to pay to RGIPT immediately on demand in writing and without protest/or demur all moneys payable by the contractor to RGIPT in connection with the execution of and performance of the works, inclusive of any loss, damages, charges, expenses and costs caused to or suffered by or which would be caused to or suffered by RGIPT by reason of any breach by the contractor of any of the terms and conditions contained in the contract as specified in the notice of demand made by RGIPT to the bank. Any such demand made by RGIPT on the bank shall be conclusive evidence of the amount due and payable by the bank under this guarantee. However, the Bank's liability under this guarantee, shall be limited to Rs.....in the aggregate which shall be valid up to ..... and the bank hereby agrees to the following terms and condition:-

- (i) This guarantee shall be a continuing guarantee and irrevocable for all claims of RGIPT as specified above and shall be valid during the period specified for the performance of the contract.
- (ii) We, the said bank further agree with RGIPT that RGIPT shall have the fullest liberty without our consent and without affecting in any manner our obligations and liabilities hereunder to vary any of the terms and conditions of the said contract or to extend time for performance of contract by the contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by RGIPT against the contractor under the contract and forbear or enforce any of the terms and conditions relating to the said contract and we shall not be relieved from our liability by reason of any such variations or extension being granted to the contractor or for any forbearance, act or omission on the part of RGIPT or any indulgence by RGIPT to the contractor or by any such matter or thing whatsoever, which under the law relating to the sureties would, but for this provision, have effect of so relieving us.

- (iii) This guarantee/undertaking shall be in addition to any other guarantee or security whatsoever RGIPT may now or at any time have in relation to the performance of the works/equipment and the company shall have full re-course to or enforce this security in performance to any other security or guarantee which the RGIPT may have or obtained and there shall be no forbearance on the part of the company in enforcing or requiring enforcement of any other security which shall have the effect of releasing the Bank from its full liability. It shall not be necessary for RGIPT to proceed against the said contractor before proceeding against the Bank.
- (iv) This guarantee/ undertaking shall not be determined or affected by the liquidation or winding up, dissolution or change of constitution or insolvency of the contractor, but shall in all respects and for all purposes be binding and operative until payment of all moneys payable to RGIPT in terms thereof are paid by the Bank.
- (v) The Bank hereby waives all rights at any time inconsistent with the terms of this Guarantee and the obligations of the bank in terms hereof, shall not be otherwise effected or suspended by reasons of any dispute or disputes having been raised by the contractor (whether or not pending before any Arbitrator, Tribunal or Court) or any denial of liability by the contractor stopping or preventing or purporting to stop or prevent any payment by the Bank to RGIPT in terms hereof.

We, the said Bank, lastly undertake not to revoke this guarantee during its currency except with the previous consent of RGIPT in writing upon expiry of which, we shall be relieved from all liabilities under this guarantee thereafter.

Signed this ..... day of ..... at.....

FOR AND ON BEHALF OF BANK

PLACE:

DATED:

WITNESS.

1

2

## AGREEMENT FORM

This agreement made this day of (Month) (Year), between **the Rajiv Gandhi Institute of Petroleum Technology**, Jais, Amethi- 229304 (hereinafter referred to as the “RGIPT” 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, RGIPT, has desirous of construction of **(NAME OF WORK)** (hereinafter referred to as the “PROJECT”), had invited tenders as per Tender documents vide NIT No. \_\_\_\_\_.

AND WHEREAS **(NAME OF CONTRACTOR)** had participated in the above referred tender vide their tender dated \_\_\_\_\_ and RGIPT has accepted their aforesaid tender and award the contract for (Name of Project) on the terms and conditions contained in its Letter of Award No. \_\_\_\_\_ and the documents referred to therein, which have been unequivocally accepted by **(NAME OF CONTRACTOR)** 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

RGIPT has awarded the contract to **(NAME OF CONTRACTOR)** for the work of **(NAME OF WORK)** on the terms and conditions in its letter of award 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 award. 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

2.1 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) RGIPT Notice Inviting Tender vide No. \_\_\_\_\_ date \_\_\_\_\_ and RGIPT’s tender documents consisting of:
  - i) Letter of award
  - ii) Contractor's bid
  - iii) Special Conditions of Contract (SCC)
  - iv) General Conditions of Contract (GCC)
  - iv) Bill of Quantities
  - v) Drawings

- vi) Any other documents listed in the contract data as forming part of the contract
- 2.2 All the aforesaid contract documents referred to in Para 2.1 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 RGIPT in its Letter of Award. Any matter inconsistent therewith, contrary repugnant thereto or deviations taken by the Contractor in its “TENDER” but not agreed to specifically by RGIPT in its Letter of Award, shall be deemed to have been withdrawn by the Contractor without any cost implication to RGIPT. For the sake of brevity, this Agreement along with its aforesaid contract documents and Letter of Award shall be referred to as the “Contract”.

### **ARTICLE 3.0 – CONDITIONS & CONVENANTS**

- 3.1 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 RGIPT’s Letter of Award No. \_\_\_\_\_ dated \_\_\_\_\_ are to be read in conjunction with other aforesaid contract documents. The contract shall be duly performed by the contractor strictly and faithfully in accordance with the terms of this contract.
- 3.2 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 Award.
- 3.3 Contractor shall adhere to all requirements stipulated in the Contract documents.
- 3.4 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 Award.
- 3.5 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.
- 3.6 The total contract price for the entire scope of this contract as detailed in Letter of Award is Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only), which shall be governed by the stipulations of the contract documents.

### **ARTICLE 4.0 – GOVERNING LAW AND JURISDICTION**

- 4.1 The Laws applicable to this contract shall be the laws in force in India and jurisdiction of Rae Bareli Court (s) only.
- 4.2 Notice of Default

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 RGIPT, Jais, Amethi.

For and on behalf of:

(NAME OF CONTRACTOR)

WITNESS:

1.

For and on behalf of:

M/s RGIPT

WITNESS:

1.

**NO CLAIM CERTIFICATE**

(On company letterhead)

To,

(Contract Executing Officer)

Procuring Entity .....

Sub: Contract Agreement no. .... dated ..... for the work of.....

We have received the sum of Rs..... (Rupees ..... only) in full and final settlement of all the payments due to us for the work of under the above-mentioned contract agreement, between us and Rajiv Gandhi Institute of Petroleum Technology. We hereby unconditionally, and without any reservation whatsoever, certify that with this payment, we shall have no claim whatsoever, of any description, on any account, against Procuring Entity, against aforesaid contract agreement executed by us. We further declare unequivocally, that with this payment, we have received all the amounts payable to us, and have no dispute of any description whatsoever, regarding the amounts worked out as payable to us and received by us, and that we shall continue to be bound by the terms and conditions of the contract agreement, as regards performance of the contract.

Yours faithfully,

Signatures

Name of Contractor or Officer Authorised  
to sign the contract documents on behalf of contractor  
(Company stamp)

Date: .....

Place: .....

**Form of Declaration regarding Blacklist / Debar**

(To be executed in the Non Judicial Stamp Paper of Rs.100/- and duly notarised)

This is to certify that \_\_\_\_\_ (Name of the organization), having registered office at \_\_\_\_\_ (Address of the registered office) has never been blacklisted or restricted to apply for any such activities by any Central / State Government Department /Semi Government department/ PSU/ Autonomous bodies or Court of law anywhere in the country.

Yours faithfully,

Signatures

Name of Contractor or Officer Authorised  
to sign the contract documents on behalf of Contractor

(Company stamp)

Date: .....

Place: .....

**DETAILS OF SIMILAR NATURE WORK**

Details of painting work / order executed during last 7 years ending 31.01.2026 (Please submit copy of completion certificate from the client.

<b>S. No.</b>	<b>Name of Work</b>	<b>Authority under whom the work has been executed</b>	<b>Agreement / acceptance letter reference with date of issue</b>	<b>Value of work as per agreement/ acceptance</b>	<b>Date of actual completion of work / extended date of completion</b>	<b>Value of the work completed</b>	<b>Supporting Document</b>



## Check List

Sl. No.	Particulars	Documents uploaded (Bidders to tick Yes/No)
<b>1</b>	<b>Technical Bid (Part A)</b>	
<b>1.1</b>	Copy of Certificate of Incorporation / Registration or any other relevant document, as applicable, should be submitted along with a copy of address proof Copy of constitution or legal status of the sole proprietorship / firm / company etc.	Yes / No
<b>1.2</b>	Proof of submission of EMD of Rs.3,50,000/-	Yes / No
<b>1.3</b>	Copy of PAN Card	Yes / No
<b>1.4</b>	Copy of cancelled Cheque for bank details	Yes / No
<b>1.5</b>	Copy of EPF & ESI Registration Certificate	Yes / No
<b>1.6</b>	Copy of GST Registration Certificate	Yes / No
<b>1.7</b>	Copy of enlistment certificate with CPWD/ State PWD/ MES/ Railways as civil contractor	Yes / No
<b>1.8</b>	Acceptance of Tender Terms & Conditions	Yes / No
<b>1.9</b>	Copy of Completion Certificate in support of work of similar nature last 7 years.	Yes / No
<b>1.10</b>	Copy of profit and loss account of the balance sheet and CA Certificate of annual reports for Average Financial Turnover during last 3 financial years i.e. for 2022-23, 2023-24 & 2024-25.	Yes / No
<b>1.11</b>	Income Tax Return filed acknowledgement for last 3 years i.e. for 2022-23, 2023-24 & 2024-25.	Yes / No
<b>1.12</b>	Audited Annual Account of last 3 years i.e. for Financial Years 2022-23, 2023-24 & 2024-25.	Yes / No
<b>1.13</b>	Notarized Affidavit on Non-Judicial stamp paper of Rs 100.00 regarding firm not being blacklisted or debarred by any Government Department in any State	Yes / No
<b>2</b>	<b>Price Bid (Part B)</b>	
<b>2.1</b>	Price Bid Format	Yes / No

**Note: - Scanned copy of entire NIT is to be attached duly signed & stamped by the bidder.**

## Bill of Quantity (BoQ)

S. No.	Description	Unit	Rate (Rs.)	Quantity	Amount (Rs.)
	<b>Earth Work</b>				
1	"Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kind of soil"	cum	177.50	1216.83	215987.33
2	"Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m."	cum	196.00	191.31	37496.76
3	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	2123.75	2.70	5734.13
4	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.	cum	93.05	127.65	11877.83
	<b>Concrete Work</b>				
5	"Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 12.5mm nominal size derived from natural sources)"	sqm	410.85	9.60	3944.16

6	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	sqm	146.15	9.60	1403.04
7	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	sqm	749.30	6.00	4495.80
8	"Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works upto plinth level : Concrete of M15 grade with minimum cement content of 240 kg /cum"	cum	8986.15	69.18	621661.86
9	"Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than	cum	9341.80	18.90	176560.02

	110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. All works above plinth and upto floor V level Concrete of M15 grade with minimum cement content of 240 kg /cum"				
	<b>Reinforced Cement Concrete</b>				
10	"Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. All works upto plinth level Concrete of M25 grade with minimum cement content of 330 kg /cum"	cum	9504.75	193.26	1836887.99
11	"Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. All works above plinth level upto floor V level Concrete of M25 grade with minimum cement content of 330 kg /cum"	cum	9860.40	38.74	381991.90
12	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	sqm	392.15	166.68	65363.56
13	"Centering and shuttering including strutting, propping etc. and removal of form for Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc."	sqm	842.50	312.60	263365.50

14	"Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform"	sqm	927.25	67.01	62135.02
15	"Centering and shuttering including strutting, propping etc. and removal of form for Shelves (Cast in situ)"	sqm	927.25	2.29	2123.40
16	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	sqm	736.40	53.40	39323.76
17	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	961.30	28.29	27195.18
18	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto and above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	107.85	26159.78	2821332.27
19	Add for using extra cement in the items of design mix over and above the specified cement content therein.	quintal	733.50	98.00	71883.00
	<b>Masonry Work</b>				
20	Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	7370.65	0.23	1695.25
21	Brick work with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	9344.35	15.65	146239.08
22	"Half brick masonry with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)"	sqm	1123.80	30.84	34657.99

23	Brick edging 7cm wide 11.4 cm deep to plinth protection with common burnt clay F.P.S. (non-modular) bricks of class designation 7.5 including grouting with cement mortar 1:4 (1 cement : 4 fine sand).	metre	59.45	21.04	1250.83
	<b>Cladding Work</b>				
24	"Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite stone slab all colour and texture except black, Cherry/Ruby red Area of slab upto 0.50 sqm"	sqm	4170.70	1.54	6422.88
25	"Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite stone slab all colour and texture except black, Cherry/Ruby red Area of slab over 0.50 sqm"	sqm	3848.70	17.66	67968.04
26	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin-based adhesive, including cleaning etc. complete.	metre	568.55	0.29	164.88
27	Extra for providing opening of required size & shape for wash basin/kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stonework, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	each	978.70	3.00	2936.10

28	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	sqm	1267.95	73.73	93485.95
	<b>Wood and P.V.C. Work</b>				
29	"Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame."	metre	570.95	45.00	25692.75
30	"Providing and fixing to existing door frames. 30 mm thick Fiberglass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF)/Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856, complete as per direction of Engineer-in-charge."	sqm	4488.95	17.01	76357.04
31	"Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper"	each	72.35	3.00	217.05
32	"Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete. 125 mm or more as per direction of engineer-in-charge"	each	119.20	18.00	2145.60
	<b>Steel Work</b>				

33	"Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete."	kg	117.35	161.05	18899.22
	<b>Flooring</b>				
34	"Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick"	sqm	1948.25	3.15	6136.99
35	"Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero-chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Glazed Vitrified tiles Matt/Antiskid finish of size of Tile 600 x 600 mm and as per required approved size"	sqm	1464.85	141.44	207188.38
36	"Providing and fixing Glass mosaaic tiles on finished plain wall surface of size 20 mm x 20 mm x 4 mm in all colours, design, fixing in customize design as per direction of Engineer-in- Charge. The glass mosaic tiles to be fixed on the wall surface with the help of approved adhesive applied at the rate of 2.5 kg per sqm and grouting (epoxy waterproof chemical) of the same. The rate is inclusive of all operation, material and required pattern approved by Engineer-in-Charge:"	sqm	3891.15	808.93	3147667.97
	<b>Finishing</b>				



37	"12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)"	sqm	333.35	121.29	40432.02
38	"15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 coarse sand)"	sqm	411.75	870.00	358222.50
39	"6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)"	sqm	300.45	85.12	25574.30
40	Neat cement punning.	sqm	79.95	85.12	6805.34
41	"Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)"	sqm	160.60	78.96	12680.98
42	"Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work"	sqm	155.90	6.81	1061.68
43	Providing and applying white cement-based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	156.05	122.01	19039.66
44	"Wall painting with acrylic emulsion paint, having VOC content less than 50 gm/ltr., of approved brand and manufacture, including applying additional coats wherever required, to achieve an even shade and colour: Two coats "	sqm	137.45	43.05	5917.22
45	"Applying priming coats with primer of approved brand and manufacture, having low VOC content less than 50 gram/litre: With water thinnable cement primer on wall surface"	sqm	73.95	43.05	3183.55
	<b>Road Work</b>				

46	Providing and laying 75 mm thick compacted bed of dry brick aggregate of 40 mm thick nominal size including spreading, well ramming, consolidating and grouting with jamuna sand, including finishing smooth etc. complete as per direction of Engineer-in-charge.	sqm	199.35	1230.18	245236.38
	<b>Sanitary Installations</b>				
47	"Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid"	each	8006.60	2.00	16013.20
48	"Providing and fixing CP Brass 32mm size Bottle Trap with 300mm & 190mm long wall connection pipes & wall flange of approved quality & make and as per the direction of Engineer-in-charge."	each	1034.80	3.00	3104.40
	<b>Water Supply</b>				
49	"Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 32 mm nominal dia Pipes"	metre	518.75	50.00	25937.50
50	"Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 25 mm nominal dia Pipes"	metre	627.25	50.00	31362.50

51	"Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete: 25 mm nominal bore"	each	464.05	2.00	928.10
52	"Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank."	Per litre	11.00	2000.00	22000.00
53	"Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore"	each	574.30	7.00	4020.10
	<b>Drainage</b>				
54	"Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with watertight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: 180x150 mm size P type With common burnt clay F.P.S. (non-modular) bricks of class designation 7.5"	each	2802.15	4.00	11208.60
55	"Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non-modular) bricks of class designation 7.5"	each	12770.55	4.00	51082.20
	<b>Water Proofing</b>				

56	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.	sqm	563.10	995.48	560554.79
57	"Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels / subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI- 212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage. For vertical surface two coats @ 0.70 kg per sqm"	sqm	472.90	22.34	10564.59
58	"Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels / subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI- 212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry	sqm	362.80	25.20	9142.56

	shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage. For horizontal surface one coat @1.10 kg per sqm."				
<b>A</b>	<b>Sub Total Amount (S.No. 1 to 58)</b>				<b>1,19,53,960.68</b>
<b>B</b>	<b>Modified Estimated Cost after using correction factor on DSR 2023 on account of GST @ 0.973</b>				<b>1,16,31,203.74</b>
	<b>Market rate items</b>				
59	"Providing and fixing oval shape counter sunk wash basin complete as satisfaction of engineer-in-charge: White Vitreous oval shape counter sunk china wash basin"	each	6848.65	3.00	20545.95
60	Providing and fixing C.P. brass sink cock with swinging spout (wall mounted model) with connecting legs and wall flanges etc. complete as per direction of engineer-in-charge	each	2554.35	3.00	7663.05
61	Providing and fixing hand shower (health faucet) with 1.0-meter-long easy flexible tube & wall hook complete as per direction of engineer-in-charge	each	1791.80	2.00	3583.60
62	"Providing and fixing stainless steel sliding door bolts with nuts and screws etc. complete: 250 x 16 mm"	each	459.95	8.00	3679.60
63	"Providing and fixing stainless steel tower bolts with necessary screws etc. complete: 200 x 12 mm"	each	363.00	6.00	2178.00
64	"Supplying, laying, jointing & fixing, testing and commissioning of uPVC drainage pipes conforming to IS: 4985, 10 kg/Sq.cm. embedded in floors, walls, including jointing with cement solvent of approved make, including bends, elbows, tees, sockets and other	metre	964.60	104.00	100318.40

	specials, etc as per manufacturer's specification, including cutting pipes to required lengths, making connections, cutting chases or holes in walls & making good the same, testing for water tightness etc. The formation of pipe sockets by heating the pipe shall not be permitted. The joints for plain ended pipes shall be made using couplers etc all complete as per drawings specifications and direction of Engineer-In-Charge. 150 mm dia"				
65	"Supplying, laying, jointing & fixing, testing and commissioning of uPVC drainage pipes conforming to IS: 4985, 10 kg/Sq.cm. embedded in floors, walls, including jointing with cement solvent of approved make, including bends, elbows, tees, sockets and other specials, etc as per manufacturer's specification, including cutting pipes to required lengths, making connections, cutting chases or holes in walls & making good the same, testing for water tightness etc. The formation of pipe sockets by heating the pipe shall not be permitted. The joints for plain ended pipes shall be made using couplers etc all complete as per drawings specifications and direction of Engineer-In-Charge. 100 mm dia"	metre	732.50	74.00	54205.00
66	"Supplying, laying, jointing & fixing, testing and commissioning of uPVC drainage pipes conforming to IS: 4985, 10 kg/Sq.cm. embedded in floors, walls, including jointing with cement solvent of approved make, including bends, elbows, tees, sockets and other specials, etc as per manufacturer's specification, including cutting pipes to required lengths, making connections, cutting chases or holes in walls & making good the same, testing for water tightness etc. The formation of pipe sockets by heating the pipe shall not be permitted. The joints for plain ended pipes shall be made using couplers etc all complete as per drawings specifications and direction of Engineer-In-Charge. 65 mm dia"	metre	678.20	30.00	20346.00
67	Providing and fixing uPVC SWR multi floor trap of self-cleaning design with screwed or hinged grating with or without vent arm complete including jointing with solvent cement and making good the floor & wall wherever required, all complete.	each	1544.62	2.00	3089.24
68	"Supply and fixing of mirror of superior make with 4 nos. SS spacer Size of mirror 450 x 600 mm, 5 mm thick with edge chamfering"	each	1175.95	3.00	3527.85

69	Providing and fixing in position heavy duty SS floor drain grating of 100mm x 100mm size and anti-cockroach trap type with cleanout facility and all fixed to the drainage system, all complete as per specifications and direction of Engineer-In-Charge.	each	705.50	8.00	5644.00
70	Providing and fixing stainless steel towel rail 600mm long complete as per direction of engineer-in-charge	each	2114.42	4.00	8457.68
71	Providing and fixing stainless steel toilet roll holder complete as per direction of engineer-in-charge	each	1205.25	2.00	2410.50
72	Providing and fixing overhead shower (100 mm dia or more and shower arm 200mm or more) ABS body & face plate chrome plated complete as per direction of engineer-in-charge	each	5135.20	2.00	10270.40
73	Providing and fixing C.P. brass single lever wall mixer with provision of both hand shower and overhead shower, connecting legs & wall flanges (without hand & overhead shower) complete as per specification and direction of Engineer-in-charge	each	9387.75	2.00	18775.50
74	Providing & Fixing C.P. brass two-way bib cock with wall flange, all complete as per specifications and direction of Engineer-In-Charge.	each	2173.08	2.00	4346.16
75	Providing & fixing modular overflow grating made in ABS, UV stabilized double locking system, 250mm width, all complete as per specifications and direction of Engineer-In-Charge.	metre	950.70	100.00	95070.00
76	Providing & Fixing SS304 ladder with handrails, stainless steel antiskid steps with anchoring fixtures -4 step, all complete as per specifications and direction of Engineer-In-Charge.	each	11886.50	2.00	23773.00
77	Providing & Fixing SS304 ladder with handrails, stainless steel antiskid steps with anchoring fixtures -5 step, all complete as per specifications and direction of Engineer-In-Charge.	each	12578.60	2.00	25157.20
78	Providing & Fixing ABS drain sump grille of required size as per drawing, all complete as per specifications and direction of Engineer-In-Charge.	nos	2888.70	2.00	5777.40

79	Providing & Fixing swimming pool floor Inlet nozzles of suitable size (ABS/UPVC) of good quality, all complete as per specifications and direction of Engineer-In-Charge.	nos	812.30	40.00	32492.00
80	Providing & Fixing swimming pool vacuum nozzles of suitable size (ABS/UPVC) of good quality, all complete as per specifications and direction of Engineer-In-Charge.	nos	1504.40	2.00	3008.80
C	Sub Total Amount (S.No. 59 to 80)				454319.33
D	Total amount inclusive of GST (B + C)				12085523.07
	<b>Electrical Items</b>				
	<b>Distribution Board</b>				
81	"Supplying and fixing of following ways surface/ recess mounting, Horizontal type, 415 V, TPN distribution board of sheet steel with voltage and current metering and RYB indication, dust protected, duly powder painted, with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. 8 way (4 + 24), Double door"	nos	13665.00	1.00	13665.00
82	"Incoming: Providing and fixing following rating and breaking capacity and pole MCCB in existing distribution board, making connections, etc. as required. 200 amps TP MCCB, 16 kA C curve "	nos	7691.00	1.00	7691.00
83	"Outgoing 32 amps 3P MCB, 10 kA C curve "	nos	1007.00	4.00	4028.00
84	"Outgoing 32 amps Single Pole MCB, 10 kA C curve "	nos	256.00	12.00	3072.00
	<b>Cable Laying</b>				



85	"Supplying and laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required. 3.5 Core X 95 Sq.mm. Al. Armoured XLPE Cable"	metre	1437.00	70.00	100590.00
86	"Supplying and laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench excluding excavation, sand cushioning, protective covering and refilling the trench etc as required. 3.5 Core X 95 Sq.mm. Al. Armoured XLPE Cable"	metre	1077.00	250.00	269250.00
	<b>End Termination</b>				
87	"Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 3.5 Core X 95 Sq.mm. Al. Armoured XLPE Cable"	nos	588.00	2.00	1176.00
	<b>Swimming Pool Lights</b>				
88	Supplying and Fixing of Under Water LED Light of 18W Cool White for swimming pool complete in all respect	nos	4500.00	16.00	72000.00
89	SMPS controller (Step down transformer) suitable for the proper functioning of above lights	nos	3500.00	4.00	14000.00
90	Conduit & Cabling for these lights as per the position shown in the Electrical plan (power to be provided from electrical room)	nos	2500.00	16.00	40000.00
91	Deck Box for swimming pool water resistant and outdoor type	nos	1500.00	16.00	24000.00
	<b>LED Lights</b>				
92	Supplying and Fixing of Bulkhead LED Light of 18/20 W Cool White 220V AC complete in all respect	nos	531.00	10.00	5310.00

93	Supplying and fixing of outdoor type street LED Light of 60W Cool White including bend rod, clamps etc. complete in all respect.	nos	2350.00	2.00	4700.00
94	Supplying and fixing of round 18W Cool White LED recessed luminaire complete in all respect.	nos	650.00	4.00	2600.00
95	Supplying and fixing of 2ft x 2 ft 36 W Cool White LED recessed luminaire complete in all respect.	nos	1500.00	2.00	3000.00
	<b>Circuit Wiring</b>				
96	"Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 3 X 6 sq. mm + 2 X 6 sq. mm earth wire"	metre	786.00	15.00	11790.00
97	"Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 4 sq. mm + 1 X 4 sq. mm earth wire"	metre	334.00	25.00	8350.00
98	"Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire"	metre	275.00	80.00	22000.00
	<b>Switches &amp; Sockets</b>				
99	"Supplying and fixing following modules, along with modular base & cover plate with metal box as required. 6 Module "	nos	402.00	1.00	402.00
100	"Supplying and fixing following modules, along with modular base & cover plate with metal box as required. 4 Module "	nos	343.00	2.00	686.00

101	"Supplying and fixing following modules, along with modular base & cover plate with metal box as required. 3 Module "	nos	327.00	1.00	327.00
102	"Supplying and fixing following modules, along with modular base & cover plate with metal box as required. 2 Module "	nos	298.00	7.00	2086.00
103	"Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate & cover as required 10 Amp switch"	nos	156.00	11.00	1716.00
104	Supplying and fixing of 6/16 Amp 2 switch + 2 socket combination with GI Box complete is all respect	nos	400.00	4.00	1600.00
	<b>Pump &amp; Filtration Equipment</b>				
105	Supply and installation of Re-circulating Pump, Self Priming, with Mechanical Seal, I.P.54 motor Protection & Stainless-Steel Shaft with In-Built Hair Strainer Basket, Flow Rate 25m3/hour. 3HP, Voltage 220-240V, 50 Hz Single Phase Built with Totally noncorrosive materials. (1 working 1 stand by)	nos	53100.00	2.00	106200.00
106	Supply and installation of totally Anti- Corrosive Bobbin Wound 900 mm Dia (min.) Filter with pressure gauge, and diffuser made of unplasticized PVC propylene with all accessories required, Filtration Velocity 30 m3/hr/m2. Maximum working Pressure 2.5 kg/cm2. Flow Rate 25 m3/hr	nos	100300.00	2.00	200600.00
107	Supplying and Fixing of Multi-Port Valve for Flow Selection (Filter/ Back wash / Rinse / Drain)	nos	20650.00	1.00	20650.00
108	Supply and installation of Electrical Control Panel having Bus Bar, MCCB, MCB Indicators etc for Pumps, U/W Lights and Cyclic operation of pumps.	nos	88500.00	1.00	88500.00
	<b>Filter Media</b>				

109	Tripple Grade white Silica Sand Media	lot	11800.00	1.00	11800.00
	<b>Disinfection Equipment</b>				
110	Supply and installation of Chemical Dosing System with Chemical Tank	nos	19470.00	1.00	19470.00
111	Stainless Steel U.V. Sterilizer with flow Rate of 25 m3/hr	nos	84960.00	1.00	84960.00
	<b>Pump for Waterfall</b>				
112	Supply and Fixing of Re-Circulating Pump, Self Priming. With Mechanical Seal I.P.54 motor Protection. & Stainless Shaft with In-Built Hair Strainer Basket. Flow Rate 25m3/hour. 1HP , Voltage 220-240V , 50Htz, Single Phase Built with totally noncorrosive. (1 working + 1 stand by)	nos	45430.00	2.00	90860.00
	<b>Exhaust</b>				
113	"Supply and installation of heavy-duty type exhaust fans including plug top and socket complete in all respect and as per the following details: 'Size of Fan: 450 mm Number of Blade: 4 Rated voltage: 230V, 50 HZ, AC, Single Phase Warranty period (in Years): 2"	nos	5200.00	2.00	10400.00
114	"Supply and installation of silent type exhaust fans including plug top and socket complete in all respect and as per the following details: Description: Propeller Type AC Ventilating Exhaust Fans Rated Voltage: 230 V, 50 HZ, AC, Single Phase Size of Fan (in mm) : 200 mm Number of Blades : 5 Nos. Warranty (in Years) : 2 Years (min.)"	nos	1500.00	4.00	6000.00

	<b>Water Source for Swimming Pool</b>				
115	Supply and Installation of Submersible Pump Set 3 Phase, 5HP (3.7 kW) Outlet Size-50mm, Rated Current-10 Amp Approx. and suitable for 6" bore size Warranty Period-1 Year	nos	36580.00	1.00	36580.00
116	"Supply and Installation of Starter Panel complete is all respect with autostarter and float (suitable for Submersible pump as per Sl. No.115) and as following: Selection Switch: 2 positions (Auto-Manual) Ammeter & Voltmeter Type : Analog/Digital Warranty Period-1 Year"	nos	8260.00	1.00	8260.00
117	Supply of Cu. Cable 2.5 mm2, 3 core for submersible application	metre	129.80	45.00	5841.00
118	Supply of Cu. Cable 1.5 mm2, 2 core for connection with starter	metre	70.80	45.00	3186.00
119	"Boring work (depth-160 ft.) for the installation of 5 HP submersible pump (mentioned in Sl. No. 1.01) complete in all respect and including following: BORING PIPE 6 "" ISI, Length- 160 ft., Filter charge for 60 ft., Column Pipe 2"" (Length-100ft.) Adaptor 2"", Safety Wire for 5 HP submersible pump (Length - 35 Mtrs.), End Cap, Boring Cap, Elbow, Nipple, Solvent Cement, Clamp Nut Bolt, Boring charge with labour expenses (160 ft.), Digging ground for boring, gravels for boring complete in all respect."	Set	59944.00	1.00	59944.00
	<b>Dewatering Arrangement</b>				
120	Supply and Installation of 3 HP Single Phase Centrifugal Monoblock Pump (Max. Head: 14 M, Min. Head: 5 M, Min. Discharge: 20 LPS, Max. Discharge: 20 LPS) Warranty Period-1 Year complete in all respect with all necessary piping arrangements for the dewatering of the swimming pool.	nos	32000.00	1.00	32000.00

	<b>Earthing</b>				
121	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	nos	6855.00	1.00	6855.00
122	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	metre	1551.00	10.00	15510.00
	<b>Supply of Items for Swimming Pool Maintenance</b>				
123	"Metallic Vacuum Head in 1.5"" Connection - 1 No. Extensible Handle in anodised aluminium 2.4 M to 4.8 M for attaching all cleaning Accessories - 1 No. Plastic Floating vacuum hose 1.5"" dia 15 mtrs long including hose cuff - 1 No. Deep bag net made in Polypropylene and polyester netting - 1 No. Surface Net made in Polypropylene and polyester netting - 1 No. Curved Brush made in Polypropylene for pool basin - 1 No. Stainless Steel Algae Brush - 1 No. Chlorine and pH Test Kit - 2 Nos."	Set	14500.00	1.00	14500.00
<b>E</b>	Sub Total Amount (S.No. 81 to 123)				14,36,155.00
<b>F</b>	Total amount inclusive of GST (D + E), Civil & Electrical				13,52,1678.07
<b>G</b>	Less 20% correction factor on "F"				27,04,335.61
<b>H</b>	<b>Total Estimated Value Rs. (F - G)</b>				<b>1,08,17,342.00</b>



राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान जायस, अमेठी,  
उ. प्र.

**RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY  
JAIS, AMETHI (U.P.) – 229304**

**Website: [www.rgipt.ac.in](http://www.rgipt.ac.in)**

**e-TENDER FOR  
“CONSTRUCTION OF SWIMMING POOL AT RGIPT, JAIS CAMPUS”**

Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais, Amethi, Uttar Pradesh has been established through an Act of the Parliament by the Ministry of Petroleum and Natural Gas (MoPNG), Government of India in 2008.

The Institute has been accorded the eminence of being an Institution of National Importance on the lines of the IITs. The Institute is associating with leading International Universities/ Institutions specializing in Petroleum Technology and Energy.

The Institute invites **online bids** for Two Part Bid System (**Technical Bid & Financial Bid**) for the **Construction of Swimming Pool at RGIPT Jais Campus**.

**PART – B: FINANCIAL BID**

## Percentage Rate BoQ

**Tender Inviting Authority:** Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais, Amethi

**Name of Work:** Construction of Swimming Pool

**Contact No:** 9565993399

Name of the Bidder/ Bidding Firm/Company:						
<div>PRICE SCHEDULE</div> <div>(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)</div>						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P inclusive of GST	TOTAL AMOUNT inclusive of GST in Rs. P	TOTAL AMOUNT In Words (Excluding GST)
1	2	3	4	5	6	7
1	Construction of Swimming Pool					
1.01	Construction of Swimming Pool completed in all respects, i.e. internal & electrical installation, internal water	1.0	Job	1,08,17,342.00	1,08,17,342.00	INR One Crore Eight Lakh Seventeen Thousand Three Hundred & Forty-Two Only



	supply, sanitary installation and drainage works etc.					
<b>Total in Figures</b>					<b>52,08,415.00</b>	INR One Crore Eight Lakh Seventeen Thousand Three Hundred & Forty-Two Only
<b>Quoted Rate in Figures</b>		<b>Select</b>		<b>0.00</b>		INR Zero Only
<b>Quoted Rate in Words</b>	<b>INR Zero Only</b>					

**Note: Bidder are requested not to fill any price in this sheet. Price should be filled in only financial bid. If the bidder fills to any price/rate in this sheet, then his bid will be rejected.**