EMPLOYEES' STATE INSURANCE CORPORATION
MEDICAL COLLEGE AND HOSPITAL
SECTOR-24, A-3, TULSI MARG, NOIDA, UTTAR PRADESH.

NOTICE INVITING e – TENDER

Name of Work: Annual Repair Maintenance & Operation (ARMO) Work of ESIC Medical College & Hospital including staff quarters and attached dispensaries (04 No's) at Noida, U.P.

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EMPLOYEES' STATE INSURANCE CORPORATION
MEDICAL COLLEGE AND HOSPITAL
SECTOR-24, A-3, TULSI MARG, NOIDA, UTTAR PRADESH

NOTICE INVITING e – TENDER

The Dean, ESI Corporation, medical college and Hospital, Noida on behalf of the Director General, ESI Corporation invites online percentage rate tender (in two bid system) through e-tendering mode from reputed, qualified, experienced, technically and financially sound firms / contractors for ARM work as detailed below :

S	Particulars	Details
1	Name of work	**Comprehensive Annual Repair and Maintenance, ARM Civil & Electrical works for ESIC Medical college& Hospital, Noida, its staff quarters and attached dispensaries (04 No's) at Noida. UP.**
2	Estimated Cost	**Rs.7,32,65,557/-** (Rs Seven Crore Thirty Two Lakh Sixty five Thousand Five Hundred Fifity Seven only)
3	Earnest Money Deposit (2% of Estimated cost of work)	**Rs.14,65,311/-** (Rs Fourteen Lakh Sixty Five Thousand Three Hundred Eleven only)
4	Period of Work	12 Months.
5	Availability of e - Tender / Bid document	https://eprocure.gov.in/eprocure/app and www.esic.gov.in
6	Date and Time of opening of Financial Bids	Shall be communicated to only technically qualified bidders subsequently.
7	Period during which hard copies (in original) of Demand Draft/fixed deposit receipt towards EMD, Registration Certificates, and other required documents are to be submitted to the ESIC Medical College & Hospital Noida.	Only EMD (in the form of Demand Draft/fixed deposit receipt) shall be submitted in hard copy on or before **28.05.2026, 10:00 AM** at Room No. 33, Ground Floor, ESIC Medical College & Hospital, , Sector- 24 , A-3 Tusli Marg, Noida, U.P.
8	Performance Bank Guarantee	5% of Tender Cost.

Any change in the tender shall be uploaded in the below mentioned website only, hence the tenderers/Bidders may visit the website regularly (https://eprocure.gov.in/eprocure/app & www.esic.gov.in) to make themselves aware about the information related to the Tender.

DEAN

EMPLOYEES' STATE INSURANCE CORPORATION
MEDICAL COLLEGE AND HOSPITAL,
SEC-24, NOIDA, UTTAR PRADESH

PRESS NOTICE

The Dean, ESI Corporation, Medical College and Hospital, Noida on behalf of the Director General, ESI Corporation invites online percentage rate tender (in two bid System) through e-tendering mode from reputed, qualified, experienced, technically and financially sound firms / contractors for ARM work as detailed below :

NIT No. : 211-W/17/13/ARM/Tender –Part (1)

Date & Time of Start of online Bid Submission: 07.05.2026, 10:00AM

Last date & Time for online bid submission: - 28.05.2026, 10: 00AM

Name of Work: **Comprehensive Annual Repair and Maintenance, ARM Civil & Electrical works for ESIC Medical college& Hospital, Noida its staff quarters and attached dispensaries (04 No's) at Noida. UP.**

The bid forms and other details can be obtained from the website https://eprocure.gov.in/eprocure/app. This Tender is also available on https://eprocure.gov.in/eprocure/app & www.esic.gov.in/tenders.

DEAN

कर्मचारी राज्य बीमा निगम
मेडिकल कॉलेज एवं अस्पताल,
ए-3 तुलसी मार्ग, सेक्टर 24-, नोएडा, उत्तर प्रदेश

प्रेस विज्ञप्ति

डीन, ईएसआई कॉर्पोरेशन, मेडिकल कॉलेज एवं अस्पताल, नोएडा द्वारा महानिदेशक, कर्मचारी राज्य बीमा निगम की ओर से निम्नलिखित कार्य हेतु प्रतिष्ठित, योग्य, अनुभवी, तकनीकी एवं वित्तीय रूप से सक्षम फर्मों/ठेकेदारों से ई-टेंडरिंग प्रणाली के माध्यम से **प्रतिशत दर निविदा (दो-बोली प्रणाली)** में ऑनलाइन निविदाएं आमंत्रित की जाती हैं:

- निविदा क्रमांक (NIT No.): 211-W/17/13/ARM/Tender –Part (1)
- ऑनलाइन निविदा जमा करने की प्रारंभ तिथि एवं समय: 07.05.2026, 10:00AM
- ऑनलाइन निविदा जमा करने की अंतिम तिथि एवं समय: 28.05.2026, 10:00 AM
- कार्य का नाम : कॉलेज ईएसआईसी मेडिकल एवं अस्पताल, नोएडा इसके स्टाफ क्वार्टर तथा संलग्न औषधालय (04 संख्या) नोएडा, उत्तर प्रदेश के लिए व्यापक वार्षिक मरम्मत एवं अनुरक्षण (एआरएम सिविल एवं इलेक्ट्रिकल) कार्य, एक वर्ष के लिए।

निविदा प्रपत्र एवं अन्य विवरण निम्नलिखित वेबसाइट पर उपलब्ध हैं:

👉 https://eprocure.gov.in/eprocure/app

👉 https://www.esic.gov.in/tenders

हस्ताक्षरित
डीन
ईएसआईसी मेडिकल कॉलेज एवं अस्पताल, नोएडा

Name of Work: Comprehensive Annual Repair and Maintenance, ARM Civil & Electrical works for ESIC Medical college& Hospital, Noida its staff quarters and attached dispensaries (04 No's) at Noida. UP.

Date of Publishing	**07.05.2026**
Bid Document Download Starts	**07.05.2026, 10:00AM**
Bid Submission Starts	**07.05.2026, 10:00AM**
Pre Bid Meeting & Venue*	**14.05.2026, 11:00AM (Venue – Conference Hall, ESIC Medical College & Hospital, A-3, Tulsi Marg, Noida, U.P.)**
Bid Submission Ends	**28.05.2026, 10:00AM**
Bid Opening Date	**29.05.2026, 12:00 PM**

Note:

***Place/Venue of Pre-Bid Meeting:-**

Bidders who wish to attend the pre-bid meeting physically may visit the following address on the date and time mentioned in the above table:

Ground Floor, Conference Hall,
ESIC Medical College and Hospital,
Sec-24, Noida
Uttar Pradesh-201301.

Contact Person:

Dr. Harnam Kaur
Dean
Phone: 0120 - 2970324 / 20 / 57

EMPLOYEES' STATE INSURANCE CORPORATION
MEDICAL COLLEGE AND HOSPITAL, NOIDA, UTTAR PRADESH
(Ministry of Labour & Employment, Government of India)

***E-Request* for Proposal**

Comprehensive Annual Repair and Maintenance, ARM Civil & Electrical works for ESIC Medical college& Hospital, Noida its staff quarters and attached dispensaries (04 No's) at Noida. UP.

INTRODUCTION

1.1. The Employees' State Insurance Corporation (ESIC) is an autonomous body under the aegis of the Ministry of Labour and Employment, Government of India. The main objective of the organization is to provide benefits to organized sector employees in case of sickness, maternity and 'employment injury' and to make provision for certain social benefits etc.

1.2. The tender documents are available on website **https://eprocure.gov.in** and the same can be downloaded as per the schedule given in the CRITICAL DATE SHEET.

1.3. Bidders/Contractors are advised to follow the instructions provided in the 'Instructions to the Contractors/Tenderers /Bidders for the e-submission of the bids online through the Central Public Procurement Portal for e-Procurement at **https://eprocure.gov.in** . Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

1.4. Not more than one tender can be submitted by one contractor or contractors having business relationship. Under no circumstances, will father and his son(s) or other close relations who have business relationship with one another (i.e. when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors, Even Joint Venture Agreement/Consortium will not be allowed. A breach of this condition will render the tenders of both parties liable to rejection.

1.5. Bidders, who have downloaded the tender from Central Public Procurement Portal (CPPP) website **https://eprocure.gov.in,** shall not modify the tender form including downloaded price bid template in any manner. In case the same is found to be tampered with / modified in any manner, tender will be **completely rejected** and **EMD shall be forfeited** and the bidder is liable to be banned from doing business with ESIC.

1.6. ESIC reserves the right to reject any or all tenders or cancel/withdraw the request inviting proposal without assigning any reason whatsoever and in such case no intending bidder shall have any claim arising out of such action.

1.7. Further clarifications, if any can be obtained from:

Contact	**Dean** , ESIC Medical College and Hospital, Noida
Address	**Dean**, ESIC Medical College and Hospital, A-3, Tulsi Marg, Sector-24, Noida, U.P., 201301.
Phone	: 0120 - 2970324 / 20 / 57
E-mail	dean-noida.up@esic.gov.in

Instructions for Online Bid Submission

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: https://eprocure.gov.in/eprocure/app .

REGISTRATION

1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link "**Online bidder Enrollment**" on the CPP Portal which is free of charge.

2) As part of the enrollment process, the bidders will be required to choose a unique username and assign a password for their accounts.

3) Bidders are advised to register their valid email address and mobile number as part of the registration process. These would be used for any communication from the CPP Portal.

4) Upon enrollment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudra etc.), with their profile.

5) 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.

6) 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.

SEARCH OPTIONS FOR TENDER DOCUMENTS

1) There are various search options built in the CPP Portal, to facilitate 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.

2) 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.

3) The bidders should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Help desk.

PREPARATION OF BIDS

1) Bidder should consider any corrigendum published on the tender document before submitting their bids.

2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be uploaded as part of the bid. Please note that the technical and financial bids have to be uploaded, the number of documents - including the names and content of each of the document that need to be uploaded. **Any deviations from these may lead to rejection of the bid**.

3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

4) To avoid the time and effort required in uploading the same set of standard documents which are required to be uploaded as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates 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 uploaded from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

1) 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.

2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.

3) Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument / scan copy of EMD.

4) Bidder should prepare the EMD as per the instructions specified in the tender document. The details of the DD/FDR, physically sent in original, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

5) Bidders are requested 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 downloaded and to be filled by all the bidders. **Bidders are required to download the BOQ file, open it and complete the white coloured (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 filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.**

6) 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.

7) All the documents being uploaded 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.

8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers

9) 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.

10) 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.

ASSISTANCE TO BIDDERS

1) 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.

2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the contact CPP Portal Help desk.

Information and Instructions to Bidders

1. Eligibility Criteria :

a) The bidder should have valid registration with CPWD/State PWD/MES/Railways/BSNL and those registered with central/state govt. undertakings dealing with building and Roads with appropriate class & category in civil, Electrical or composite.

b) The bidder should have successfully completed similar works with any state or central govt. or PSU's during the **last seven (7) years** ending on **previous day of last date of submission of bids**, satisfying any one of the following conditions:-

Three similar completed works each costing not less than **Rs. 2,93,06,223/-** (40% of the Estimated cost put to tender)

OR

Two similar completed works each costing not less than **Rs. 3,66,32,779/-** (50% of the Estimated cost put to tender)

OR

One similar completed work of aggregated cost not less than Rs. **5,86,12,446/-** (80% of the Estimated cost put to tender

c) The details of the contractor's work experience—along with the cost of work, duration, and nature of work—shall be furnished in **Form A (Experience of the Company).**

d) In support of the information provided in **Form A,** the contractor/bidder must attach corresponding work experience certificates strictly in the format prescribed as **Form B,** duly issued by the client department.

e) Definition of Similar Works:

*"**Similar work**"* shall mean comprehensive/composit Civil & Electrical/ Civil/Electrical Annual Repair Maintenance & Operation of Medical College/ Minimum 100 bedded Hospitals Campus/Dispensaries/Office premises having attached Residential Buildings and other ancillary structures including services **under single contract.**

f) Completion certificates from competent authorities of the concerned organization must clearly indicate the scope of work including Civil/Electrical and Civil and Electrical works.

g) **Bidder Should have an average annual financial turnover of 50% of tender cost** on maintenance works during the last three financial years (2022-23, 2023-24 & 2024-25) **ending 31st March 2025.**

2. **The Earnest Money Deposit (EMD - 2 % of the Estimated cost of work) :**

a. The Earnest Money Deposit (EMD) of Rs. 14,65,311/- (Rs Fourteen Lakh Sixty Five Thousand Three Hundred Eleven only) shall be submitted in the form of a Fixed Deposit Receipt or Demand Draft issued by a **Scheduled / Nationalized /Commercial Bank**, drawn in favour of **'ESIC Fund Account No. 1'**, payable at **Noida**. The EMD must be physically deposited in the tender box located at the Property Management Branch, ESIC Medical College and Hospital, Sec-24, Noida, Uttar Pradesh, **on or before 28.05.2026, 10:00AM (Room-33)**

b. The EMD shall be submitted in a separate sealed envelope, clearly mentioning the **name of the work** on the cover. If the EMD is not submitted in the prescribed manner, the **Technical and Financial Bids shall not be opened** and will be summarily rejected.

c. EMD shall remain valid for a period of 90 days from last date of submission of bid. A bid received without Bid Security (EMD) shall be rejected at the bid opening stage.

d. The earnest money shall be refunded to the unsuccessful tenderer/Bidders after finalization of the contract.

e. No interest is payable on the EMD/SD (Security Deposit).

f. The bid security (EMD) is liable to be forfeited if a bidder withdraws their bid during the period of bid validity as specified in the tender documents. In the case of the successful bidder, failure to submit the agreement bond along with the Performance Guarantee within the time frame stipulated in the tender document shall entitle ESIC—without prejudice to any other legal rights or remedies—to forfeit the EMD in full.

The technical bid documents of eligible and intending bidders shall be opened **only** if their EMD and all other required documents/certificates are found to be in proper order as per the tender requirements.

3. Method of Application:

(i) If the bidder is an individual, the application shall be signed by him above his full type written name and current address.

(ii) If the bidder is a proprietary firm, the application shall be signed by the proprietor above his full type written name and the full name of his firm with its current address.

(iii) If the bidder is a firm in partnership, the application shall be signed by all the partners of the firm above their full type written names and current addresses, or, alternatively, by a partner holding power of attorney for the firm. In the latter case a certified copy of the power of attorney should accompany the application. In both cases a certified copy of the partnership deed and current address of all the partners of the firm should accompany the application.

(iv) If the bidder is a limited company or a corporation, the application shall be signed by a duly authorized person holding power of attorney for signing the application accompanied by a copy of the power of attorney. The bidder should also furnish a copy of the Memorandum Association & Articles Association and duly attested by a Public Notary.

4. Submission/Upload of Mandatory Documents :

i. Documents as listed in **Annexure- E** shall be **scanned and uploaded** by the bidder on the e-tendering portal **within the period of bid submission**, in accordance with the instructions given in the NIT and the bid documents. The list of required documents is detailed in **Technical Bid Checklist – Annexure- E**, forming part of the tender document.

Note:

Failure to upload any of the prescribed documents in the given formats listed in **Annexure- E** may result in the **disqualification of the bid** at the technical evaluation stage. All documents should be self-attested and uploaded in the **specified format and sequence**.

ii. Bids must be submitted along with all requisite and relevant documents related to work experience, financial credentials, and other requirements as specified in the bid documents. All documents must be duly authenticated and signed by the bidder. **Incomplete or improperly submitted bids shall be summarily rejected.**

iii. Bidders shall ensure that all uploaded documents are **legible, clear, and in a readable format**. If any scanned document uploaded on the e-tender portal is found to be unclear or unreadable, the bid shall be summarily rejected.

iv. Bids submitted late, or through any mode other than the prescribed online submission, shall not be accepted and will be summarily rejected.

v. Conditional bid will not to be accepted and liable to the summarily rejected**.**

vi. All information requested in the enclosed forms must be provided in the relevant columns. If any information is submitted on a separate sheet, this must be clearly indicated against the corresponding column. If a particular column is not applicable, it should be marked as *"Not Applicable"* or *"Nil"*, as appropriate. Bidders are strictly advised **not** to leave any field blank or to alter the prescribed format. Failure to provide complete, clear, and accurate information, or any deliberate suppression or modification of details, may lead to **summary disqualification** of the bid.

vii. All pages of the eligibility documents are to be numbered. Any additional sheets appended by the bidder must also be numbered accordingly. The complete set of documents should be submitted as a single package, accompanied by a duly signed **Letter of Transmittal** (**FORM – G**)

viii. References, information and certificates from the respective clients certifying suitability, technical knowledge or capability of the bidder should be signed by an officer not below the rank of **Executive Engineer or equivalent**.

ix. The bidder may furnish any additional information which he thinks is necessary to establish his capabilities to successfully complete the envisaged work. He is, however, advised not to furnish superfluous information. No information shall be entertained after submission of technical bid document unless it is called for by the Employer.

x. The tenderers/Bidders shall produce their valid enlistment with the appropriate authority for all types of Taxes, GST, Cess, Duty, ESI & EPFO contribution etc.

xi. The intending bidders must thoroughly read the terms and conditions of the bid document and ensure they fully satisfy the eligibility criteria outlined in **Para 1 (Eligibility criteria),** along with all other per-requisites, before submitting their bids.

xii. **The bid submitted shall become invalid if:**

a. The bidder is found ineligible vis – a – vis eligibility criteria.

b. EMD of requisite amount and in the prescribed manner is not deposited by the bidder.

c. The bidder does not upload all the documents as required under the bid.

5. Tender Validity and Withdrawal Conditions :

The tender for the work shall remain valid and open for acceptance for a period of **Ninety (90) days** from the date of opening of the **Bid**, unless extended by mutual consent in writing.

If any bidder:

- Withdraws or modifies their bid during this validity period (or before the issue of the Letter of Acceptance, whichever is earlier), **or**

- Makes any changes in the terms and conditions of the bid that are not acceptable to the Employer/client, then the **Employer/Client (ESIC)** shall, without prejudice to any other right or remedy, be at liberty to:

  - Forfeit the Earnest Money Deposit (EMD) submitted with the tender, and
  - Disqualify the bidder from participating in the re-tendering process for the same work.

6. Quoting of Percentage Rates :

- The bidder must ensure to quote the **percentage rate**—whether **above, below, or at par** with the Estimated Cost Put to Tender (ECPT)—**up to two decimal places only**, both in **figures** as well as in **words**.
- The bidder shall also mention the **total amount of the financial offer**, derived from the quoted percentage, **clearly in both figures and words**. Any discrepancy in interpretation between figures and words, the amount mentioned in the **words shall be governed.**

7. Evaluation of Technical Bids:

Bids received and found valid will be evaluated by the ESIC to ascertain the best-evaluated bid for the complete work under the specifications and documents. The Tenderer's / Bidders should take care to upload all the information sought by the ESIC in prescribed formats.

- Firm's relevant experience and strength – Profile of agency, registration details, and experience of similar works, annual turnover and total manpower employed.
- Qualification/related experience.

8. Financial Bid:

The financial bid of the Tenderer / Bidder, whose technical bid is found to be suitable/qualified, will be opened in the presence of the Tenderer / Bidder at the notified time, date and place (intimated through E-mail) in the presence of technically qualified bidders or their representatives, if they wish to be present.

9. Award of Work:

- The selection of the agency will be at the sole discretion of the ESIC which reserves its right to accept or reject any or all the proposals without assigning any reason.
- The contract for the work shall be awarded to the qualified responsive tenderer who has quoted lowest Bid percentage, subject to fulfilment of other conditions.
- Upon evaluation of offers, the notification on award of contract will be intimated to the successful tenderer. ESI Corporation reserves the right to accept or reject any bid or the whole bidding process without assigning any reason whatsoever.

10. Duration of Contract and Extension :

- The bid is invited for a period of twelve (12) months, effective from the date mentioned in the Letter of Award or the Letter of Commencement, whichever is applicable, issued to the successful bidder.
- Based on the satisfactory performance of the Contractor and at the sole discretion of the Employees' State Insurance Corporation (ESIC), the contract may be extended further for a period of up to twelve (12) months or part thereof, on the same terms and conditions, subject to mutual consent between ESIC and the Contractor/Agency.

11. Integrity Pact :

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the Integrity Pact (**Annexure – B**), 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 ESIC.

12. Conflicting Relationships and Conflict of Interest :

i. **Prohibited Relationships:**

Construction agencies (including their personnel and sub-contractors) **shall not be eligible for award of contract** if they have a **business or close family relationship** with any officer or staff of **ESIC** or **Member of the Corporation/ Regional Board** who is directly or indirectly associated with:

- The preparation of the Terms of Reference (TOR) for the NIT/ Estimate,
- The evaluation or selection process for the Tender, or
- The supervision or administration of the contract.

Such contracts **shall not be awarded** unless the **conflict arising from such a relationship has been fully disclosed** and resolved to the **satisfaction of ESIC** prior to and throughout the selection and execution of the contract.

ii. **Obligation to Disclose Conflicts:**

All construction agencies are under a binding obligation to **disclose any actual or potential conflict of interest** that could impair their ability to act in the best interest of ESIC or could reasonably be perceived as compromising their impartiality.

Failure to disclose such a conflict shall render the agency liable for **disqualification at any stage** of the bidding process or **termination of contract at any time** during its currency.

iii. **Restriction on Engagement of ESIC Employees:**

No employee of **ESIC or their relatives** shall be engaged by any construction agency, either during the bidding process or during the execution of the contract.

Further, **recruitment or engagement of former ESIC employees** by the contractor or sub-contractor shall not be acceptable to ESIC and may lead to **disqualification or contract cancellation**, unless specifically approved in writing by the competent authority.

iv. **Canvassing** whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection summarily. Such bidders may not be allowed to participate in the bidding process for ESIC works in future also.

13. Fraud and Corruption

i. **Ethical Compliance Requirement:**

The **Employees' State Insurance Corporation (ESIC)** requires that all **Construction Agencies** participating in the selection process and executing contracts uphold the **highest standards of integrity and ethics**.

In pursuance of this policy, ESIC defines and addresses the following prohibited practices:

(a) Definitions:

- **Corrupt Practice:** The offering, promising, giving, receiving, or soliciting—directly or indirectly—of **anything of value to which a person is not legally entitled**, with the intent to influence the actions of a **public official** in the procurement or contract execution process.
- **Fraudulent Practice:** A **deliberate misrepresentation**, concealment of material facts, or submission of **forged/fake documents** with the intent to mislead ESIC during the selection process or during the execution of a contract.
- **Collusive Practice:** A **scheme or arrangement**, whether formal or informal, between two or more participating agencies (with or without the knowledge of ESIC), intended to artificially influence the bid process, including practices such as **price fixing**, bid suppression, or agreement not to bid.
- **Coercive Practice:** The act of **harming or threatening to harm**, directly or indirectly, persons or their property in order to improperly influence their participation in a procurement process or the execution of a contract.

(b) Rejection of Proposals:

ESIC shall reject a proposal for award of contract if it determines that the **Construction Agency recommended for award** has, directly or through an agent, engaged in **any corrupt, fraudulent, collusive, or coercive practice** in connection with the procurement process.

(c) Debarment and Disqualification:

If at any stage—either during the selection process or during the execution of the contract—it is found that the Construction Agency has engaged in any of the above-mentioned prohibited practices, **ESIC reserves the right to take appropriate action**, which may include:

- **Cancellation of the contract** (if already awarded),
- **Forfeiture of security deposits or performance guarantees**,
- **Debarment / blacklisting** from future ESIC tenders either **indefinitely** or for a specified period.
- Any other legal/criminal action according to the law in force

14. The Agreement shall be signed between ESIC and the successful Bidder within 15 days after the acceptance of his bid by ESIC on prescribed format which is being given in the bid document. All the documents of the bid document shall form part of the contract document including Integrity Pact Agreement for which format is also being provided in the bid document.

Contract Agreement

(To be signed between ESIC and the Contractor on Non – Judicial Stamp Paper of minimum Rs. 500/-)

This Agreement (hereinafter referred to as the "Contract Agreement") is made on ……. between Employees' State Insurance Corporation, Medical College & Hospital, Noida (hereinafter call the 'Client' or "ESIC", which expression shall unless repugnant to the context or meaning thereof, include its administrators, successors and permitted assigns) of the One Part and M/s …… (hereinafter called the 'Contractor or Agency' which expression shall unless repugnant to the context or meaning thereof, include its administrators, successors and permitted assigns) of the Other Part (the client and the Contractor are hereinafter collectively referred to as "Parties" and singly as "First Party and "Second Party" respectively).

Whereas

A. The Client is desirous of engaging **competent and reputed agencies/firms/Contractors** for the **comprehensive maintenance** of its medical colleges/Hospitals, dispensaries, buildings, premises, and properties as specified in the **Notice Inviting Tender (NIT)**, with the objective of ensuring **uninterrupted Medicare services** to ESI beneficiaries. The detailed scope of work is outlined under the **Client's Requirements**.

B. The Contractor has participated in the bidding process, conducted by the Client through **e-tendering mode**, based on its professional expertise and by demonstrating the **requisite technical competence** and **financial capability** to fulfill the Client's requirements.

C. The Client after due evaluation of the bids has agreed to award the contract for the work of "***Comprehensive Annual Repair and Maintenance (ARM) of Annual Repair and Maintenance, ARM Civil & Electrical works for ESIC Medical college& Hospital, Noida its staff quarters and attached dispensaries (04 Nos) at Noida. UP for one year from the award of contract.***" to M/s …… subject to and on terms and conditions set forth in this Contract Agreement.

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, and intending to be legally bound hereby, the parties do hereby agree as follows:

1. Definitions and Interpretation

In the Contract, the following words and expressions shall have the meanings hereby assigned to them except where the context otherwise requires:

(i) "Employer" means the ESIC and the legal successors in title to ESIC.

(ii) "Engineer" means the person appointed by ESIC to act as Engineer for the purposes of the Contract.

(iii) "Contractor" / bidders / Tenderer/ Agency means an individual or firms (proprietary or partnership) whether incorporated or not, that has entered into contract (with the employer) and shall include his / its heirs, legal representatives, successors and assigns. Changes in the constitution of the firm, if any shall be immediately notified to the employer, in writing and approval obtained for continued performance of the contract.

(iv) Market Rate shall be the rate as decided by the ESIC on the basis of the cost of the materials and labour at the site where the work is to be executed plus the **percentage to cover all overheads and profits** as mentioned in Particular Conditions of Contract (PCC).

(v) "**Contract**" shall mean this Contract Agreement together NIT and all Appendices and other relevant documents in accordance with the provisions contained in this regard in this Contract.

(vi) "**Contract Price**" shall mean the quoted price / amount by the Contractor in the financial bid and agreed between the Parties.

(vii) "Drawings" means all the completion drawings, calculations and technical information of a like nature provided by the Engineer to be Contractor under the Contract and all drawings, calculations, samples, patterns, model Repair and Repair and Maintenance manuals and other technical information of a like nature submitted by the contractor and approved by the Engineer.

(viii) "Bill of Quantities" means the priced and completed bill of quantities Forming part of the tender / bid.

(ix) "Tender" means the Contractor's priced offer to the Client for the execution and completion of the works and the remedying of any defects therein in accordance with the provisions of the contract, as accepted by the Letter of Acceptance. The work Tender is synonymous with "Bid" and the words "Tender Documents" with "Bidding Documents".

(x) Client's Requirements shall mean the broad requirements of ESIC set forth in **Appendix 'A'** hereto and which in relation to the ARM work, are required to be fulfilled and complied with by the Contractor in terms of this Contract.

(xi) General Conditions of Contract or GCC shall mean the General Conditions of Contract as set forth in **Appendix – 'B'** to this Contract.

(xii) Particular Conditions of Contract or PCC shall mean the particular conditions of Contract as set forth in **Appendix – 'C'** to this Contract.

2. **Period of Contract**

The Repair and Maintenance work shall be for a period of one year or as mentioned in the letter of commencement and shall start from the date of issue of letter of commencement (or mentioned in the letter of award) and shall stand terminated after the expiry of one year unless it is mutually extended.

3. **Extension of Time for Completion**

The Repair and Maintenance contract may be extended on the written mutual consent of both Employer and Contractor for a **further period of upto one (01) year.** However, employer reserves its right to terminate the Repair and Maintenance contract by giving **30 days' notice** at any time during the currency of the contract if the services of the agency are not satisfactory as per the opinion of employer or his representative without assigning any reason to the Contractor. No escalation payment shall be paid by ESIC either during initial contract period of one year or in extended period and the work shall have carried out by the Contractor as the same price / cost as quoted by him earlier under the ambit of the Contract Agreement excluding statutory payment (i.e. minimum wages, ESI, EPF & other etc.).

4. *ARM work* shall refer to the complete set of obligations and tasks to be undertaken by the Contractor, including **planning, safety measures, provision of required tools, tackles, and equipment**, and the execution and completion of each item of work in all respects, as per the terms of the Contract. This includes all **materials, services, and activities**—whether explicitly stated or reasonably implied—that are necessary for the **effective execution and completion** of the work by the Contractor in accordance with this Contract.

5. No modification or amendment to this Contract, including any of its Appendices, shall be valid or enforceable unless it is **expressly agreed upon in writing**, **dated**, and **duly executed** by the authorized representatives of both Parties.

6. In the event of any conflict or inconsistency between the provisions of this Contract Agreement and those contained in any of its Appendices, the **provisions of this Contract Agreement shall prevail**.

7. In the event of any conflict or inconsistency between any provisions of PCC and GCC, the provisions of PCC shall prevail.

8. This Contract Agreement and the following documents attached hereto shall be deemed to form an integral part of this Contract.

   (i) This Contract Agreement

   (ii) ESIC Requirements – Appendix 'A'.

   (iii) GCC – Appendix 'B'

   (iv) PCC – Appendix 'C'

   (v) Information and Instructions to Bidders

   (vi) Integrity Pact / Agreement

   (vii) Letter of Transmittal and Tender

   (viii) Technical and Financial Bids

   (ix) NIT documents

9. This Contract Agreement, along with all documents forming part of the Contract and relating to this work, shall be construed as **mutually explanatory**. Unless otherwise expressly stated in

this Contract Agreement, in the event of any **conflict or inconsistency** among the documents, the following order of precedence shall apply:

i. This Contract Agreement

ii. ESIC Requirements

iii. PCC

iv. Financial Bid / BOQ

v. GCC

10. Execution of the Works

The Contractor agrees and undertakes to execute the ARM work, complete in all respects, under and in accordance with this Contract.

11. Rights and Obligations of the Parties

11.1 The mutual rights and obligations of the Client and the Contractor shall, without prejudice to the following, be as set forth in the Contract:

(a) In consideration of the payments agreed to be made by the Client as set forth in this Contract, the Contractor hereby covenants and undertakes to perform the annual repair and Maintenance , day to day maintenance Works, including planning, designing, and execution—either in whole or in part—using the required tools, tackles, and equipment, while observing all necessary **safety precautions**. The Contractor shall execute the assignment with **due diligence**, ensure completion in all respects, and promptly **remedy any defects or deficiencies** in accordance with the provisions of this Contract.; and

(b) The Client hereby covenants to pay to the Contractor in consideration of his performance in terms and under this Contract, the contract price at the times and in the manner prescribed in the Contract.

11.2 With reference to the Contract Price, the Contractor acknowledges and confirms that

(i) The price/rate quoted by the Contractor in the financial bids to this Contract are firm and fixed and not subject to any escalation and is inclusive of all applicable taxes, levies, cess etc.

(ii) All taxes on the income of the Contract shall be borne and be the liability of the Contractor and the Client shall not be liable for the same in any manner whatsoever.

12. **Effective Date**

The Contract shall be effective on and from the date on which all of the following conditions have been fulfilled:

(i) Furnishing of the Performance Guarantee by the Contractor to the Client in accordance with PCC; and

(ii) Signing of the Contract Agreement by the Client and the Contractor or date specified in the letter of commencement, whichever is later.

13. DISCLAIMER

It is expressly understood and agreed by and between the **Contractor** and the **Client** that the Client is entering into this Contract solely on its **own behalf** and **not on behalf of any other person or entity**. In particular, it is expressly understood and agreed that the **Government of India is not a party to this Contract** and has **no liabilities, obligations, or rights** hereunder. It is expressly understood and agreed that the Client is an **independent legal entity** with power and authority to enter into contracts solely on its own account under applicable laws. The Contractor expressly acknowledges and agrees that the Client is **not an agent, representative, or delegate** of the Government of India.

Furthermore, it is understood and agreed that the **Government of India shall not be held liable** for any acts, omissions, breaches, or other matters arising out of or related to this Contract.

Accordingly, the Contractor **expressly waives and relinquishes** any and all actions, claims, including cross-claims, impleader claims, or counterclaims, **against the Government of India** arising out of or related to this Contract, and **covenants not to initiate any legal proceedings** against the Government of India in this regard.

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be signed in their respective names as of the day and year first above written.

For and on behalf of ESIC	**For and on behalf of Contractor**
…….	…….
Name :	Name :
Designation :	Post :
Address :	Address :
Official Seal	Official Seal
Witness :	Witness :
Signature :…….	Signature : ……
Name :	Name :
Address :	Address :

Appendix - A

ESIC's Requirements

Name of Work: Comprehensive Annual Repair and Maintenance, ARM Civil & Electrical works for ESIC Medical College & Hospital, Noida for one year.

Scope of Work

The scope of work under this contract covers the **Annual Repair and Maintenance (ARM)** of civil and electrical works for the premises as specified in the Schedule of Work/BOQ/list of Buildings covered in NIT and includes, but is not limited to, the following:

A. Civil Works

i. **Day-to-Day Maintenance:**

- Attending complaints of seepage, leakage, flooring, tiling, plaster, doors, windows, plumbing, drainage, sanitary fittings, carpentry works, etc.
- Patching of wall cracks, plaster repairs, and re-cementing of surfaces.
- Re-fixing of loose tiles (wall/floor), granite/kota/marble stones, mosaic flooring, ceramic tiles any other flooring.
- Repair of damaged skirting, dado, covings, expansion joints.
- Minor concrete works including pothole repairs in courtyards or driveways.
- Periodic repainting of surface areas as per instructions.
- Repair of walls, floors, ceiling plaster, broken tiles, external cracks, dampness, etc.

ii. **Carpentry Work: Repair/replacement of:**

- Wooden/flush panel doors, windows, ventilators, pelmets, curtain rods, and cupboards.
- Hardware fittings like hinges, handles, tower bolts, door closers, stoppers, locks, latches, hasps and staples
- Refitting or planning of doors/windows for smooth movement.
- Repair of door frames, window sills, beading, and glass panes.

- Re-glazing broken window glass with putty and rubber gaskets.
- Touch-up/patch painting of damaged walls, ceilings, windows, doors, railings, and furniture with matching color.
- Periodic repainting of surface areas as per instructions.

iii. External Works

- Minor repairs to compound walls, gates, boundary pillars.
- Surface dressing of pathways, pavements, ramps.
- Maintenance of signage boards, safety signs, and markings.
- Cleaning of open terraces, sunshades, roof gutters, water outlets and parapets.
- Maintenance of pathways, boundary walls, gates, signage, safety grills, handrails, etc.
- Lawns, plants, landscaped areas etc.

B. Plumbing and Sanitary Maintenance:

- Maintenance and replacement of damaged fixtures like taps, faucets, cisterns, wash basins, WCs, urinals, traps, gratings, and associated pipelines, and other sanitary fittings etc.
- Clearing choked sewer lines, manholes, floor traps, and rainwater pipes.
- Attending complaints related to leakage from water supply lines, joints, taps, flush tanks, G.I./CPVC/UPVC/PVC/C.I. pipelines. Water quality to be maintained by resorting to periodic cleaning of water tanks and supply lines / appurtenances as per prescribed procedure.

Repair and replacement of:

- Bib cocks, pillar cocks, stop valves, angle valves, flush valves, ball valves, waste coupling, bottle traps.
- WC seats, flushing cisterns, urinals, wash basins, kitchen sinks, floor traps, gratings, and gully traps.
- Manhole covers and cleaning of sewer lines, gully chambers, and septic tanks if applicable.

De-choking of:

- Wash basin, sink lines, floor traps, rainwater pipes, and storm water drains.
- Maintenance of overhead/underground water tanks, sumps, and pipe support systems.
- Repair and upkeep of water supply lines, storage tanks, valves, pump chambers, and fittings.
- Ensuring uninterrupted supply and maintaining proper pressure levels.
- Painting of plumbing and sanitary fittings, pipe lines and civil maintenance elements where required.
- Any other urgent repair works as per direction of competent authority. which not covers above repair works.

C. Electrical Works

i. **Internal Electrical Maintenance:**

- Repair and replacement of light fittings, switchboards, power sockets, MCBs, fans, exhaust fans, and ceiling rose, etc.
- Maintenance/replacement of concealed wiring, cabling, junction boxes, and connections.
- Attending complaints of power failure, tripping, loose connections, burning smell, sparks, etc. Regular servicing of fans, lights, tube lights, LED fittings, and replacement of consumables as per instructions.

Repair and replacement of:

- Switches, sockets, ceiling roses, holders, MCBs, miniature fuses, modular plates, gang boxes.
- Electrical points including light, fan, socket, bell, exhaust points, etc.
- Old/damaged wiring, conduits, junction boxes, flexible wires, cables.
- Fused bulbs, tube lights, CFLs, LED fittings, electronic chokes, ignitors, capacitors, holders.
- Servicing and tightening of loose fittings or terminals.
- Cleaning of light fittings, diffusers, panels, and reflectors as required.
- Replacement of faulty ceiling fans, exhaust fans, regulators, or blades.

ii. **Power Distribution System: Repair and Replacement of**

- Operation and maintenance of LT panels, DBs, changeover switches, capacitor panels, and distribution boards.
- Monitoring and ensuring proper earthing and safety compliance of electrical systems.
- Monitoring and operation of LT panels, DBs, feeder pillars, capacitor panels.
- Tightening of loose contacts, replacement of faulty indicators, voltmeters, ammeters, selector switches.
- Maintenance and replacement of cables, glands, lugs, ferrules, busbars, terminal blocks.

iii. DG Set, UPS , Inverters & other (Routine checking and maintenance, AMC /CMC is not covered in this except not covered in the estimate) **Repair of :**

- Operational checking of DG set, fuel levels, battery, coolant, radiator, and lubricants.
- Maintenance of UPS/Inverter systems, wiring, and battery banks.
- Logging of run-hours, load, and performance data as per SOP.
- Periodic maintenance, checking of fuel levels, battery, coolant, etc.
- Running the DG set during power failure and recording performance logs.
- Basic checks and fault rectification for uninterrupted power supply units.
- Fire Detection, Protection, Prevention and Suppression System
- Public Addressed System, Audio – Visual System, CCTV Surveillance System, Signage's etc.
- Co-ordination with AMC/CMC agencies engaged by ESIC for fire fighting and Fire alarm system, DG Set, CCTV, PA System or any other electro-mechanical equipment's.

iv. **Street Lighting & External Illumination: Repair and Replacement**

- Maintenance and repair of outdoor lighting, pole lights, garden lights, and signage lighting.
- Maintenance of streetlights, post-top lamps, garden lighting, compound lights, floodlights.
- Replacement of fuses, photocells, timers, cables, and support clamps.

v. Earthing and Safety Systems : Repair and Replacement

- Checking and upkeep of earthing pits and earth continuity.
- Replacement of damaged earth wires, clamps, and earth electrodes.

- Periodic insulation resistance checks and compliance with safety parameters.

vi. Periodically cleaning, checking of AHU's, FCU and maintaining log books of Chiller plants, lifts, STP/ETP, WTP etc. and any miscellaneous works assigned by the Engineer.

D. **Manpower Deployment**

- The Contractor shall deploy required/approved number of manpower of requisite skills, expertise, experience, aptitude, attitude etc. to ensure that Buildings and properties are maintained with due diligence and Medicare services / office service are not interrupted.
- The qualification and experience of the deployed manpower shall be as per the ESIC-approved manpower list, and the documents (certificates/experience) shall be duly verified by the ESIC local Engineer/PMD Branch Officer.

E. Other General nature requirements

I. The Contractor/ Agency is supposed to provide comprehensive maintenance services to the ESIC Medical College & Hospital, Noida by way of deployment of required manpower as specified in the bid document and also doing all such works as defined / specified / stipulated in the technical and financial bid documents and elsewhere.

II. The Contractor/Agency to whom the work is awarded shall be responsible for attending to **day-to-day maintenance complaints** pertaining to **ESIC Medical College & Hospital, Noida**.

III. The site for the work is available as the ARM Civil & Electrical work is to be carried out in the running hospital and their premises. The prospective eligible bidders are advised to inspect and examine the concerned hospital to acquaint themselves about the various aspects related to ARM works to be carried out by them and satisfy themselves before submitting their bids with full awareness.

IV. The bidders are also expected to critically examine the premises from the point of view of its nature, means of access, the accommodation they may require, risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed.

V. The Contractor/Agency shall be solely responsible for arranging and maintaining, **at their own cost**, all **materials, tools, plants, facilities for workers**, and any other services

necessary for the execution of the work, **unless otherwise specifically provided for** in the contract documents.

Submission of a bid by the bidder shall be deemed as confirmation that they have **read and understood this appendix and all related bid documents**, and have made themselves **fully aware of the scope, specifications, site conditions**, and other relevant factors that may affect the execution of the **Annual Repair and Maintenance (ARM) work**.

F. <u>Scope Clarification and Additional Work :</u>

The scope of work detailed above is **indicative in nature** and is intended to provide a general outline of the services to be performed during the contract period. However, it shall **not be considered exhaustive**. The contractor shall be **responsible for executing all works necessary for the proper upkeep, operation, and maintenance** of the buildings and associated services, **whether or not such works are explicitly mentioned** in the Scope of Work, Bill of Quantities (BOQ), or estimate. The contractor shall **promptly execute** any **additional or related maintenance activities** of similar nature as may be **instructed by the Engineer-in-Charge/ESIC**, within the ambit of the contract, without any claim for extra payment unless specifically approved.

Appendix – B

General Conditions of Contract (GCC)

1. Definitions

In the Contract (as hereinafter defined) the following words and expressions shall have the meanings hereby assigned to them except where the context otherwise requires:

(i) "Employer" or "Client" means the ESIC and its administrators, successors and permitted assigns.

(ii) "Engineer" means the ESIC engineering personnel appointed for supervising this work under this Contract.

(iii) "Contractor" / bidders / Tenderer/Agency means an individual or firms _____ (proprietary or partnership) whether incorporated or not, that has entered into contract (with the employer) and shall include his / its heirs, legal representatives, successors and assigns. Changes in the constitution of the firm, if any shall be immediately notified to the employer, in writing and approval obtained for continued performance of the contract.

2. Sufficiency of Tender

The Contractor shall be deemed to have fully satisfied himself, prior to submitting the tender, regarding the accuracy and adequacy of the tendered rates and prices specified in the Schedule of Quantities. Unless otherwise expressly stated in the Contract, such rates and prices shall be deemed to cover all obligations of the Contractor under the Contract, including all matters and requirements necessary for the proper execution, completion, and maintenance of the works.

3. Contractor's Employees

The Contractor shall deploy qualified and experienced technical personnel at the site for the purpose of carrying out Repair and Maintenance works only and for attending to any defects arising therein. The minimum technical staff to be provided shall be in accordance with the

requirements specified in the Bill of Quantities (BOQ) or as otherwise directed by the Competent Authority of ESIC MCH Noida.

4. Engineer/ESIC at Liberty to Object

The ESIC shall have the authority to object to and direct the removal from the site, forthwith, of any person deployed by the Contractor who, in the opinion of the ESIC, is guilty of misconduct, incompetence, negligence in the performance of duties, or whose presence is otherwise considered undesirable. Such person shall not be re-employed on the Works without the prior written approval of the ESIC. Any person so removed shall be replaced by the Contractor at the earliest, without any claim for additional cost or extension of time. Failure to comply with such instructions may lead to suitable action as per contract provisions, including imposition of penalties or recommendation for termination in case of repeated defaults.

5. Interpretation of Contract Documents

5.1. Mutual Explanatory Nature

The several documents forming the Contract shall be taken as mutually explanatory of one another. In the event of any discrepancy or inconsistency, the provisions shall be interpreted so as to give effect to all parts, wherever possible.

5.2. Order of Precedence

In case of conflict between the provisions of different documents, the following order of precedence shall be followed:

i. Description of items in the Schedule of Quantities (BOQ)
ii. Particular Specifications and Special Conditions, if any
iii. Drawings
iv. CPWD Specifications
v. Relevant Bureau of Indian Standards (BIS Codes)

Drawing and Dimension Conflicts

In the case of discrepancies between drawings:

i. Detailed drawings shall take precedence over small-scale drawings.

ii. Figured dimensions shall prevail over dimensions obtained by scaling.

iii. Special conditions shall override the General Conditions of Contract.

5.3. Decision of Accepting Authority

If varying or conflicting provisions exist within a single document or between documents forming part of the Contract, the **Tender Accepting Authority i.e. Dean, ESIC Medical College & Hospital, Noida** shall determine the intent and his decision shall be final and binding on the Contractor.

5.4. Errors or Omissions Not to Affect Contract

Any error in description, quantity, or rate in the Schedule of Quantities, or any omission therefrom, shall not vitiate the Contract or relieve the Contractor of his obligation to complete the works in accordance with the Drawings, Specifications, and all terms of the Contract.

6. Safety, Site Maintenance, and Environmental Protection

The Contractor shall, throughout the execution and completion of the Works and during the remedying of any defects therein:

6.1 Site Safety and Orderliness

The Contractor shall exercise full responsibility for the safety of all persons lawfully entitled to be on the Site. The Site (to the extent under the Contractor's control) and the Works (insofar as they are not completed or handed over to the Employer) shall be maintained in a neat, orderly, and safe condition to prevent any risk, injury, or hazard.

6.2 Provision of Safety Measures

The Contractor shall, at his own cost, provide, erect, and maintain all requisite safety arrangements including but not limited to lights, guards, fencing, warning notices, and night watching. These shall be installed as and when required by the Engineer-in-Charge or

any statutory authority for the protection of the Works, the workforce, ESIC employees, visitors and the general public.

6.3 Environmental Protection

The Contractor shall take all necessary precautions to safeguard the environment both on and off the Site. This includes prevention of pollution, control of dust and noise levels, and the proper disposal of construction debris. The Contractor shall avoid damage or nuisance to public or private property and shall comply with applicable environmental laws, including Central Pollution Control Board (CPCB) guidelines and relevant Bureau of Indian Standards (BIS).

6.4 Compliance and Penalties

Non-compliance with any of the above provisions shall attract suitable action as per the terms of the contract, including but not limited to:

i. Deduction of penalties as specified in the Schedule of Recovery;

ii. Immediate stoppage of work by the Engineer-in-Charge/authorized officer of ESIC until compliance is ensured;

iii. Recovery of costs incurred by the department for rectification;

iv. Recommendation for termination of the contract in the event of repeated violations.

6.5 Reference Standards

All safety and environmental protection measures shall conform to:

i. IS: 3764 – Safety Code for Excavation Work

ii. IS: 8989 – Safety Code for Erection of Structural Steel Work

iii. IS: 13416 – Recommendations for Preventive Measures Against Hazards of Toxic Gases

iv. Relevant CPCB/State Pollution Control Board guidelines

v. Applicable local municipal or statutory safety codes

7. Insurance of work by the contractor for his liability

7.1 Mandatory Insurance Coverage

The Contractor shall, at his own cost, provide, maintain, and submit proof of insurance policies in the joint names of the Employer and the Contractor to cover the following throughout the duration of the Contract:

i. Loss or damage to the Works, materials, plant, and equipment;

ii. Liability for death or injury to any person (including Contractor's or Employer's staff) and third parties;

iii. Damage to property arising out of acts attributable to the Contractor.

7.2 Insurance During Repair and Maintenance Period

The Contractor shall be liable to maintain insurance coverage during the entire Repair and Maintenance period for:

i. Loss or damage to property or life arising from a cause for which the Contractor is responsible;

ii. Loss or damage caused during the course of any repairs carried out in compliance with the Contractor's obligations under the Contract.

7.3 Notification and Adequacy of Cover

The Contractor shall notify the Insurance Company of any change in the nature, scope, or extent of the Works. It shall be his sole responsibility to ensure that the insurance coverage remains adequate at all times during the Contract period.

7.4 Submission of Documents

Copies of all insurance policies, endorsements, and renewal documents shall be submitted to the Engineer-in-Charge within the time specified and as and when demanded.

7.5 Failure to Insure

In case the Contractor fails to effect or maintain the insurance as required under the Contract, the Employer may, without prejudice to any other right or remedy, arrange such insurance at the Contractor's risk and cost. The amount so incurred shall be recovered from any money due or to become due to the Contractor.

8. Legal Responsibilities and Liabilities : Indemnity Against Losses and Claims

8.1. General Indemnity

The Contractor shall, except as expressly provided otherwise in the Contract, indemnify and hold harmless the Employer from and against all losses, claims, damages, liabilities, proceedings, costs, charges, and expenses whatsoever arising out of or in consequence of the execution and maintenance of the Works, and the remedying of any defects therein, in respect of:

i. Death or injury to any person, including but not limited to workmen, site visitors, the Employer's personnel, or third parties;

ii. Loss of or damage to any property (other than the Works), whether public or private, movable or immovable**;**

when such incidents are caused by negligence, default, omission, or breach of statutory duty by the Contractor, his agents, manpower deployed by contractor, or subcontractors.

8.2. Legal Proceedings and Defence

The Contractor shall, at his own expense, defend all claims or legal proceedings brought against the Employer in respect of the above and shall pay all litigation costs, court fees, legal expenses, and any compensation awarded by a court or settlement agreement.

8.3. Statutory and Labour Law Compliance

The Contractor shall be responsible for compliance with all applicable labour laws, ESI, EPF, Minimum Wages Act, Workmen's Compensation Act, and any other statutory provisions. Any

breach shall be deemed a default under the Contract and the Employer shall be indemnified against the consequences arising therefrom.

8.4. Indemnity Bond

The Contractor shall furnish an Indemnity Bond (**Annexure – D**) in the prescribed format to affirm his legal obligations under this clause. The bond shall be submitted on non-judicial stamp paper of indicated value, duly notarized, and valid throughout the contract period, including the defect liability period.

8.5. Accident or injury to Workmen

The Employer shall not be liable for, or in respect of, any damages, compensation, or claims payable under any law for the time being in force to any workman or to any person employed by the Contractor in the execution of the Works, including but not limited to:

i. Death or personal injury arising out of or in the course of employment, or

ii. Any liability under the Workmen's Compensation Act, 1923, the Employees' State Insurance Act, 1948, or any other applicable statutory provisions.

The entire responsibility in this regard shall rest with the Contractor, who shall indemnify and keep the Employer fully indemnified against all such claims, damages, costs, charges, penalties, or expenses whatsoever arising out of or in connection with any such accident, injury, or death.

9. Compliance with Statutes, Regulations

The Contractor shall conform in all respects, including by the giving of all notices and the paying of all fees, with the provision of :

a) Any National or State Statute, Ordinance, or other Law, or any regulation, or bye – law of any local or other duly constituted authority in relation to the execution and completion of the Works and the remedying of any defects therein, and

b) The rules and regulations of all public bodies and companies whose property or rights are affected or may be affected in any way by the Works, and the Contractor shall keep the Employer indemnified against all penalties and liability of every kind for breach of any such provision.

c) Any changes required for approval due to revision of the local laws.

d) The Contractor shall be solely responsible for ensuring compliance with the various Labour Laws that may be in force from time to time. Any liability on this account and also any liability arising from non-observance of the same shall be met by the contractor at its risk and cost.

10. <u>Timely Payment of Wages and Compliance with Statutory Obligations</u>

i. The **Contractor shall ensure that wages are disbursed** to all deployed workers **on or before the 7th of every month mandatorily through online bank transfer**, without waiting for the verification of attendance or the settlement of bills by ESIC. In the event of **default in wage payment or non-compliance with statutory obligations** (such as ESI, EPF, Bonus, etc.) by the contractor, or upon **receipt of complaints** from the outsourced workers regarding such issues, **suitable penal action** shall be taken against the contractor.

In cases of default in payment of wages or statutory dues by Contractor, ESIC, being the Principal Employer, shall take necessary steps to ensure payment of due wages and statutory benefits to the affected workers in accordance with the provisions of the Contract Labour (Regulation and Abolition) Act, 1970 and other applicable labour laws and government notifications.

ii. As per Section 21(4) of the Contract Labour (Regulation and Abolition) Act, 1970, in the event of default by the contractor in payment of wages, **ESIC may disburse wages directly to the workers engaged through the contractor**, based on biometric attendance records maintained in the office. Furthermore, the EPF and ESI contributions deducted from the wages of the workers, along with the employer's EPF contribution **reimbursed by the Corporation**, shall be **remitted by the contractor to the jurisdictional EPFO office** in accordance with the applicable **EPFO guidelines and procedures**. It shall be the **sole responsibility of the contractor** to ensure timely and accurate compliance with the above statutory obligations

iii. At the start of new contract, all the workers deployed by the Outsourcing agencies should be disseminated information with respect to their entitlement, their responsibilities, wage details and Grievance Redressal Mechanism by the principal employer to increase awareness of the workers and to have a transparent system;

iv. The **Contractor shall be solely responsible** for the payment of **retrenchment compensation** to its workers in accordance with the provisions laid down under **Section 25F of the Industrial Disputes Act, 1947**. The contractor shall also be **fully liable to comply with all applicable provisions** of the **Industrial Disputes Act, 1947**, including, but not limited to, provisions relating to retrenchment, lay-off, discharge, dispute resolution, and notice requirements.

v. The **Contractor shall be solely responsible** for labour laws, ESIC, EPFO etc.

11. Default of Contractor in Compliance with Instructions

If the Contractor defaults or neglects to comply with any lawful instruction issued by the ESIC under the provisions of the Contract, within the time specified therein or, if no time is specified, within a reasonable period as determined by the ESIC, then:

i. The Employer shall, without prejudice to any other rights or remedies available under the Contract or under law, be entitled to get the work executed by engaging other agency(ies) or through departmental execution, at the risk and cost of the Contractor;

ii. All expenses incurred by the Employer in connection with such execution, as certified by the ESIC Engineer, shall be recoverable from the Contractor and may be deducted from any sums payable or which may become payable to the Contractor under the Contract;

iii. Such action by the Employer shall not absolve the Contractor of his responsibilities and liabilities under the Contract;

iv. The ESIC shall issue due notice in writing to the Contractor specifying the nature of the default, the instructions not complied with, and the action being taken by the Employer.

12. <u>Defect Identification and it's rectifications</u>

The Agency shall promptly attend to any defects and complaints observed or reported at the site during the currency of the contract. It shall be the sole responsibility of the Repair and Maintenance Agency to establish, implement, and maintain an effective system for the regular inspection, detection, and immediate rectification of defects across all installed services, so as to ensure uninterrupted functionality and serviceability at all times.

The Agency shall ensure that all systems and services are maintained in a fully operational and functional condition on a 24x7 basis, without any compromise in performance, safety, or user requirements.

13. Defect Liability Period

The **Defect Liability Period (DLP)** shall be **12 (twelve) months** from the **date of completion of work** as certified under the **Bill of Quantities (BOQ) measurable items**.

During this period, the Contractor shall, at his **own cost and initiative**, **repair, rectify, or replace** any work found defective or not in accordance with the specifications, drawings, or terms of the Contract, or which fails due to poor workmanship or use of substandard materials.

If the Contractor fails to attend to the defects within the period specified by the Engineer-in-Charge, the Employer shall be at liberty to get the defects rectified through other means at the **risk and cost of the Contractor**, and such costs shall be recoverable from any dues payable to the Contractor or through other legal remedies available under the Contract.

14. <u>Penalty for Delay</u>

If the Contractor fails to attend any complaint or defect in due course of time and if in the opinion of engineer delay is on the part of Repair and Maintenance agency, the employer can impose liquidated damages on the contractor as detailed in the particular conditions.

15. <u>Instructions for Variations</u>

Quantities given in the BOQ are estimated quantities. The quantity of any particular item may vary during the currency of the ARM Contract. The payment shall be made by ESIC to the Contractor at the contract price for variated quantities.

16. Measurement

The Engineer shall determine by measurement of the value of actual work done in accordance with the Contract and the contractor shall be paid proportionately. Part rate shall be made for any part of BOQ items not fully executed.

17. Submission of Bills and Payment Terms :

i. **Submission of monthly running account Bills**

The Contractor shall submit **three (03) copies** of the Running Account (RA) bill to the Competent Authority of ESIC MCH Noida by the **7th day of each month**, for the work executed up to the end of the preceding month. The bill shall be submitted in a **tabulated format** as approved by the Engineer-in-Charge, clearly indicating the amount the Contractor considers himself entitled to for the completed work.

Each monthly bill shall be accompanied by the following supporting documents:

a. Certified Bio metric attendance sheets/ physical sheets along with salary disbursement certificates and wage registers for all workers and staff engaged under the Contract

b. Details of work statement and measurement sheet.

c. Details of satisfactory work completion report duly signed from users/Engineers of ESIC.

d. Any other documents requisitioned by ESIC related to Annual Repair and Maintenance (ARM) works.

e. Copies of ESIC and EPF challans along with worker-wise contribution details.

f. Proof of payment of wages to workers through their respective **bank accounts**, to be enclosed with each RA bill and the final bill.

ii. **Monthly Payments**

After submission of monthly bill in all respects by the contractor, ESIC Engineer shall check the bill and certify for payment within 15 days of the submission of bill. The payment shall be made through Bank in online mode.

iii. **Final Certificate / Final Bill Payment**

Within 28 (twenty-eight) days of receipt of the Final Bill, along with a written discharge from the Contractor, the Engineer-in-Charge shall scrutinize and process the Final Bill for payment, subject to the following conditions and deductions:

a. The amount certified shall be limited to the sum which, in the opinion/facts of the case of the Engineer-in-Charge, is **finally due and payable** to the Contractor under the terms of the Contract, after full execution of all contractual obligations.

b. Deductions shall be made for **all penalties, compensations, and recoveries** as per the provisions of the Contract Agreement, including but not limited to delays, non-compliance, poor workmanship, or violation of statutory obligations.

c. **All outstanding recoveries or liabilities** due from the Contractor shall be adjusted, including but not limited to:

- Recovery of over payments or double payments made under earlier Running Account Bills,
- **Liquidated damages**, if applicable,
- **Cost of defective or substandard work** not rectified or replaced,
- **Unadjusted advances**, if any,
- **Un returned materials** issued by the department at stipulated recovery rates,
- **Taxes, cess or levies** deductible at source or due to change in legislation during contract period.

d. Adjustments shall be made for **statutory variations** (such as changes in GST, labour laws, royalty, or EPF/ESIC rules) in accordance with contractual provisions.

e. The Engineer-in-Charge shall also ensure submission of all mandatory documents by contractor including:

- Measurement books,
- Material reconciliation statements,
- Site clearance certificate,
- Labour compliance records,
- Final completion certificate.

f. No further claims shall be entertained after the submission and processing of the Final Bill unless expressly admitted in writing by the competent authority.

g. The Final Bill shall be **binding and conclusive** as to the amount due to the Contractor, except in case of fraud, arithmetical error, or material misstatement.

h. If the Contractor fails to submit the Final Bill within the prescribed time, the department shall be entitled to **prepare and settle the bill unilaterally**, based on available records.

iv. ESIC rights to Modify Interim Payment Certificates

ESIC shall have the rights and discretion to **review, modify, correct, or withhold** any amount certified under a previous **Interim Payment Certificate**, in order to account for:

- Errors in measurements or calculations,
- Over payment,
- Work found to be of **unsatisfactory quality**, or not executed in accordance with the contract specifications, drawings, or instructions,
- Non-compliance with any contractual condition by the Contractor.

If, upon such review, it is found that **any amount has been paid in excess**, or the value of work is required to be reduced due to non-compliance or substandard execution, the ESIC shall have the right to:

- **Recover the excess amount** by withholding an equivalent sum in the subsequent Interim or Final Payment Certificates; and/or
- If no further payments are due, **recover such amount from the Performance Security Deposit (PSD)** or Security Deposit or any other dues payable to the Contractor under this or any other contract.

This authority is conferred in line with **Clause 7 and Clause 9 of CPWD GCC 2020**, and is to ensure that public funds are disbursed only against verifiable and quality-compliant work. All such adjustments and recoveries shall be duly notified in writing to the Contractor, specifying the basis and quantum of adjustment.

The Contractor shall have no claim for interest or compensation on account of such correction, reduction, or recovery.

v. **Utilities (Water & Electricity)**

Water and electricity required for execution of the work shall be supplied by ESIC from a single designated source, subject to availability. **Recovery for water and electricity usage** shall be made in each monthly bill at the rate of **1% (one percent)** of the gross value of work executed under wholesome items, as certified by the Engineer-in-Charge.

Note: No deduction shall be made on account of the number of labours deployed at the site for the purpose of utility recovery.

18. Performance Guarantee (PG)

18.1. Submission of Performance Guarantee

The bidder whose bid is accepted shall furnish a **Performance Guarantee (PG)** amounting to **5% (Five Percent)** of the tendered value/cost within **14 days** of issuance of the **Letter of Acceptance (LoA)**. The PG shall be in the form of a **Bank Guarantee** from any **Scheduled / Nationalized /Commercial Bank**, drawn in favour of the **Employer**, in the format prescribed in the bid document.

The Performance Guarantee shall be valid for the duration of **total 26 months** from the **date of commencement of work**. PG will be released after recording of the completion certificate for the work by competent authority, the performance guarantee shall be returned to the contractor, without any interest.

Note: - In case of extension of contract PBG shall be revised accordingly.

18.2. Encashment of Performance Guarantee

The Performance Guarantee shall be liable to be **invoked/encashed by the Employer**, in part or full, **without notice to the contractor**, in the event of any breach of contract, non-performance, failure to rectify defects, or **non-payment of dues** or damages by the contractor under any clause of the contract. The Performance Guarantee shall also serve as **security for all contractual obligations** of the contractor during the contract period.

The PG shall be **released only after successful completion of the contract**, including **clearance of all dues, final bill settlement, and closure of defect liability obligations**.

18.3. Delay in Submission of PG

In case the contractor fails to submit the Performance Guarantee within the stipulated period of **14 days**, a **grace period of 3 additional working days** may be granted at the discretion of the Employer. Failure to submit the PG within this total period of **17 working days** shall attract a **late fee at the rate of 0.1% per day of the PG amount**, subject to a maximum of **1% of the PG value**. Continued failure shall result in the **forfeiture of the Earnest Money Deposit (EMD)** and **termination of the contract**, without prejudice to other actions under the contract.

18.4. Additional Performance Guarantee in Case of Abnormally Low Bids (ALB)

If the **L-1 bid** (lowest financial bid) is found to be **less than 85% of the Estimated Cost Put to Tender (ECPT)**, such a bid shall be treated as an **Abnormally Low Bid (ALB)** as per CPWD/CVC guidelines.

In such cases, the L-1 bidder shall be required to submit an **Additional Performance Guarantee** amounting to the **difference between 85% of the ECPT and the quoted bid amount**. This additional PG shall be submitted along with the original PG, in the same format, and shall also be valid for the duration of duration of **total 26 months** from the **date of commencement of work**.

Note :- If a bid is lower than 15 % below the estimated project cost additional performance security will be 0.2 % for every percentage point the bid is below the 15 % threshold (so far example, if you bid 20 % below, for 5 % beyond the 15 % you pay 0.2 % X 5 = 1 % extra security/Additional PBG submission shall be required).

Failure to furnish the additional PG shall be considered as **non-responsiveness** and may lead to **rejection of the bid** or **termination of the contract** if already awarded and forfeiture of EMD.

19. Security Deposit (SD)

19.1 Mode and Rate of Recovery

The Security Deposit shall be deducted by the Employer from each running and final bill of the Contractor at the uniform rate of **2.5% (Two and Half Percent)** of the **gross amount of the bill.** The total deduction on account of Security Deposit shall not exceed **2.5% of the accepted tendered value** of the work.

No other form of Security Deposit (such as Fixed Deposit Receipts or Bank Guarantees) shall be accepted in lieu of the deduction, **except with prior approval of the competent authority**, as per CPWD norms.

19.2. Purpose of Security Deposit

The Security Deposit shall act as a **guarantee for the due fulfillment** of the contractual obligations by the contractor and **as a safeguard against defective work**, delay in completion, **non-performance**, or any other breach of contract.

The amount shall be held by the Employer **until the satisfactory completion of the contract**, including all **liabilities during the Defect Liability Period**, and **shall not bear any interest**.

19.3. Release of Security Deposit :

As per **Clause 17 of CPWD GCC 2020** and **GFR Rule 171**, the Security Deposit shall be refunded to the Contractor in the following manner:

i. **50% of the Security Deposit** shall be refunded to the Contractor **after physical completion of the entire work**, subject to the issue of a **Completion Certificate** by the ESIC and clearance of all dues.

ii. The **remaining 50% shall be refunded after the expiry of the Defect Liability Period** (usually 12 months), provided all defects have been rectified to the satisfaction of the ESIC Engineer and no contractual breaches are pending.

19.4. Forfeiture of Security Deposit

The Employer shall have the **unconditional right to forfeit the Security Deposit**, in full or in part, in any of the following circumstances:

- Failure of the Contractor to execute or complete the work within the stipulated time.
- Failure to rectify defects noticed during execution or within the Defect Liability Period.
- Breach of any terms or conditions of the contract.
- Termination of the contract due to default of the Contractor.
- Delay beyond permissible limits as determined by the Engineer-in-Charge.

Recovery from the Security Deposit shall be **without prejudice** to other legal remedies available to the Employer under the contract and applicable law.

No relaxation in Security Deposit shall be permitted unless explicitly approved by the competent authority in writing, following the principles of transparency and accountability laid down in the GFR and CVC instructions.

20. Default of Contractor and Termination of Contract

If, the performance of the Contractor is found to be **unsatisfactory, negligent, or in breach of any terms and conditions** of the Contract, and the Contractor fails to take remedial measures within **fifteen (15) days** of receipt of a written notice from the Employer, then the Employer shall have the **absolute right and authority** to take any or all of the following actions:

i. **Termination of Contract: -** The Employer shall be at liberty to **terminate the contract in whole or in part**, without prejudice to any other rights or remedies available under the contract or law. Such termination shall be communicated in writing, specifying the grounds for default.

ii. **Execution of Balance Work at Risk and Cost: -** Upon termination, the Employer shall be entitled to **get the balance work executed through another agency or departmentally**, at the **risk and cost of the defaulting Contractor**.

Any additional expenditure so incurred, as determined by the Engineer-in-Charge, shall be recoverable from the Contractor.

iii. **This includes, but is not limited to:**

- Forfeiture of **Performance Guarantee** and/or **Security Deposit**,
- Recovery of any **excess expenditure** over the contract value,
- Debarment or blacklisting from future tenders as per CPWD and GFR norms.

iv. **No Compensation or Claim :-** In case of such termination, the Contractor shall not be entitled to any **compensation or claim for loss of anticipated profits**, unutilized materials, machinery, or manpower.

21. Arbitration

A. In the event of any dispute or difference arising out or touching to this agreement/contract and/ or in relation to the implementation hereof, the same shall be resolved initially by mutual discussion and conciliation. In the event of failure thereof, the same shall be referred to sole Arbitrator to be appointed by Director General of the Employee State Insurance Corporation (ESIC). The decision of the Sole Arbitrator shall be final and binding upon the parties. The place of the arbitration will be at Delhi and /or where the concerned ESIC Headquarters is situated. The arbitrator shall conduct the arbitration proceedings in English in accordance with the provisions of "The Arbitration and Conciliation Act, 1996. Both the parties know that sole Arbitrator might have dealt with the contract agreement in question and is an employee or officer of Employee State Insurance Corporation (ESIC) but the same shall also not disqualify him in any manner from acting as a sole Arbitrator. In this clause the expression of Director General "Employee State Insurance Corporation" shall also include any person who is for the time being the administrative head of Employee State Insurance Corporation.

B. Continuance of Work During Arbitration

Notwithstanding the existence of any dispute or difference, and except as the contract may otherwise provide, the **Contractor shall proceed with the execution of the works**

with due diligence and without delay. The **employer shall continue to make payments** as per the contract for the undisputed items.

C. All disputes or differences arising out of or in connection with this NIT and subsequent contract, including interpretation of its terms, shall be subject to the exclusive jurisdiction of the courts situated at Noida, Gautam Budh Nagar, Uttar Pradesh only. No other court shall have jurisdiction to entertain any suit, application, or proceedings

19. Payment on Termination

In the event of termination of the contract under any provision, the ESIC shall be at liberty to get the **balance or remaining work executed at the risk and cost of the Contractor** through other means, including departmental execution or engagement of a third-party agency.

Any **dues payable to the Contractor**, if admissible, shall be released **only after the completion of the entire scope of work** as originally awarded, and after due **adjustment of:**

- Extra expenditure incurred by the Employer in completing the work,
- Liquidated damages, if applicable,
- Any recoveries against material, tools, or advance payments,
- Any outstanding statutory or contractual liabilities.

20. Labour Laws to be Complied by the Contractor

The Contractor shall strictly comply with all applicable labour laws and statutory provisions in force during the execution of the contract. This includes, but is not limited to, the following:

i. **License under Contract Labour Act**

The Contractor shall obtain and maintain a valid license under the provisions of the **Contract Labour (Regulation and Abolition) Act, 1970**, and the **Contract Labour (Regulation and Abolition) Central Rules, 1971**, from the competent licensing authority **prior to the commencement of work**, and shall ensure its validity until the completion of the contract. A copy of the license shall be submitted to the Engineer-in-Charge before the start of work.

ii. **Child Labour Prohibition**

The Contractor shall strictly adhere to the provisions of the **Child Labour (Prohibition and Regulation) Act, 1986**, and shall ensure that **no child below the age of 14 years** is employed at the site of work in any manner whatsoever.

iii. **Compliance with BOCW Act and Cess Act**

The Contractor shall comply with the provisions of the **Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996**, and the **Building and Other Construction Workers Welfare Cess Act, 1996**, including payment of applicable **labour welfare cess at the prescribed rate** to the appropriate authority.

The Contractor shall maintain all required registers, records, and documents and produce the same for inspection by the Engineer-in-Charge or any statutory authority upon demand.

v. **Other Applicable Labour Laws**

The Contractor shall also comply with the relevant provisions of the following acts (with up to date revisions), wherever applicable:

- The Minimum Wages Act, 1948
- The Payment of Wages Act, 1936
- The Employees' Provident Fund and Miscellaneous Provisions Act, 1952
- The Employees' State Insurance Act, 1948
- The Equal Remuneration Act, 1976
- The Maternity Benefit Act, 1961
- The Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979
- Environment (Construction & Demolition) waste Management Rules 2025
- Any other law applicable for the time being in force

vi. Consequences of Non-Compliance

Any failure on the part of the Contractor to comply with the above statutory requirements shall be considered a **material breach of contract**, and shall attract appropriate **penal action**, including but not limited to:

- Withholding of payments,
- Forfeiture of Performance Security/Security Deposit,
- Termination of contract,
- Blacklisting or debarment,
- Recovery of liabilities from dues payable under this or any other contract.

The Contractor shall **indemnify the Employer** against all liabilities, penalties, losses, and claims arising due to non-compliance with any statutory requirements related to labour laws.

21. Statutory Taxes, Duties, Levies, and Cess

i. The rates quoted by the Contractor shall be **deemed to be inclusive of**:

- All costs related to manpower, materials, tools, plants, equipment, overheads, profits, and
- All applicable taxes, duties, levies, and cess, including but not limited to:
  - **Goods and Services Tax (GST)**
  - **Labour Welfare Cess @ 1%** under the **BOCW Welfare Cess Act, 1996**
  - **ESI, EPF contributions**, insurance premiums
  - **Any other statutory obligations**, central or state.

ii. These rates shall be valid and inclusive **as applicable on the last date of receipt of the tender**, including any extension thereto.

iii. The Contractor shall bear and pay all such statutory liabilities in connection with the execution of the contract. **No claim shall be entertained by ESIC** on account of any such obligations, whether existing or arising during or after execution.

iv. However, **in case of any revision** in statutory rates of taxes or levies **after the last date of tender submission**, the same shall be **adjusted (either upward or downward)** on production of documentary evidence and subject to verification and approval of the **Engineer-in-Charge**.

v. Adjustments shall be admissible **only for those taxes or duties clearly identifiable and explicitly mentioned** in the price bid. **No adjustment** shall be allowed for non-declared or assumed taxes.

vi. The Contractor shall keep himself fully informed of and comply with all prevailing laws, rules, and regulations of the **Central Government, State Government, and Local Authorities** applicable to this contract.

22. Health and Safety

The Contractor shall at all times take all required precautions to maintain the health and safety of their personnel as well as Hospital users by observing due diligence. Supervisory personnel of the Contractor shall be skilled / experienced to ensure that site is maintained safely and protected against any accidents.

23. Contractor's Superintendence

Throughout the currency of works and as long thereafter as is necessary to fulfill the Contractor's obligations, the Contractor shall provide all necessary superintendence and assistance to plan, arrange, direct, manage, inspect and test the works. The operations to be carried out by the Contractor in connection with ARM work shall be such as not to cause any kinds of accidents in the building and the campus and inconvenience to hospital users in any manner.

24. Contractor's Personnel

The workmen including supervisory personnel deployed by the Contractor shall be appropriately qualified, skilled and experienced in their respective trades or occupations. ESIC may require the Contractor to remove (or cause to be removed) any person employed on the Site or Works, including Contractor's Representative, if applicable, who:

a) persists in any misconduct or lack of care or unruly / inhuman behavior

b) carried out duties incompetently or negligently,

c) fails to conform with any provisions of the Contract, or

d) persists in any conduct which is prejudicial to safety, health, or the protection of environment

Upon such requirement, the Contractor shall appoint (or cause to be appointed) a suitable replacement person.

25. Disorderly Conduct

The Contractor shall at all times take all required reasonable precautions to prevent any unlawful, riotous or disorderly conduct by or among the Contractor's personnel, and to preserve peace and protection of persons and property on and near the site or even adjacent to it.

26. Manner of Execution

The Contractor shall carry out the work:

a) In the manner (if any) specified in the Contract

b) Efficiently, diligently and in a proper workmanlike and careful manner, in accordance with generally accepted professional techniques and good practices.

c) Observe sound management practices, and employ advanced technology and safe and effective equipment, materials and methods ; and

d) With properly equipped facilities and non – hazardous Materials, except as otherwise specified in the Contract.

The Contractor shall be liable for any loss or damage caused by any actions performed by the Contractor under this Contract.

27. Adjustments for Changes in Legislation

The **Contract Price** shall be adjusted to account for any **increase or decrease in cost** directly resulting from:

- The **introduction of new laws**,

- The **repeal or amendment** of existing laws,
- Changes in the **judicial interpretation**, or
- The revision of Cost Index during the contract period or during any extension granted thereto shall not form the basis for any financial claim or adjustment in contract value. The Cost Index considered in the sanctioned estimate shall be deemed as final and binding on the contractor, irrespective of any subsequent changes in Cost Index notified by the department, CPWD, or any statutory body. No escalation, reimbursement, or compensation shall be payable on account of any revision in Cost Index during the execution of work provided such changes occur after the "Base Date," which shall be the date of receipt of tender by ESIC.

These changes must materially affect the **contractor's cost of performing the works or obligations** under the contract.

Conditions:

i. The contractor shall promptly notify the Employer in writing of any such change, along with adequate supporting documents and quantified impact on cost.

ii. No claim under this clause shall be considered unless substantiated with proper justification, legal references, and audited cost data, if necessary.

iii. The decision of the Engineer-in-Charge regarding the admissibility and extent of compensation shall be **final and binding**.

28. Safe custody including watch and ward of the plant/ system, all the fixtures and other machinery will be entire responsibility of the contractor. Cleaning of entire system/ units/ room/ machinery and other equipment will be the responsibility of the contractor. If the room is not found satisfactory at any time by the department recovery of Rs.50/- per day shall be made from the contractor's bill.

29. Other Conditions:-

i. A contractor/sub-contractor (in case of work contract) shall not charge or collect any fee for engaging or employing workers for their deployment. Any such activity will amount to violation of the terms of the contract and the principal employer (ESIC) will be free to

take appropriate action against the contractor as per applicable laws, rules and policies in this regard which may include termination of the contract, blacklisting of the contractor, etc;

ii. No contractual worker hired by a contractor shall provide services beyond the age of 60. The minimum age of the person hired on contract may also be specified keeping in view the technical and functional skills required for the job at hand but will in no case be below minimum prescribed years of age for contractual engagement/ appointment.

iii. Contractor shall ensure to obtain written undertaking from every worker deployed by it that he/she shall have no claim for any job in ESIC. Such undertaking from each deployed manpower shall be submitted to ESIC before deployment during the currency of contract

iv. The manner in which the contractor engages manpower and cases of disengagement from work, if any, would entirely be under the purview of the contractor to decide, However, as far as possible, attempt shall be made by the contractors to engage the willing and suitable manpower from the previous contractors as long as there are no complaints against them. The continuation of contractual workers shall always be in accordance with law and this will not be construed as giving any permanence to the contractual employees.

v. In an event of deficiency in performance, misconduct and involvement in any act prejudicial to the interest of the Corporation by a worker, the Contractor shall be liable to transfer/terminate and take suitable action against that worker as per law and at his own discretion/instruction of the Principal Employer. Contractor shall also be responsible to make good against any loss incurred to the Corporation due to such misconducts by the worker engaged by them.

vi. On termination/expiry of the contract of an outsourcing Agency, ESIC would not be responsible for the re-employment of the workers.

vii. The register of workmen employed by contractor (Form XIII) under Contract Labour (R&A) Rules, 1971 shall be maintained by the Contractor.

Appendix – 'C'

Particular Conditions of Contract (PCC)

1. **Definition**

Unless repugnant to the context or meaning thereof or defined in the Contract Agreement, the following expressions shall have the meaning in these PCCs:

i. **"CPWD"** means the Central Public Works Department of the Government of India.
ii. **"DSR"** means the Delhi Schedule of Rates of CPWD.
iii. **"Cost Index"** means Cost Index of particular place as declared by CPWD from time to time to be applicable on DSR items. (will be fixed as considered in the Estimate)
iv. **"Base Date"** means date on which tender for this work has been received in ESIC.
v. **"NDSR Items"** means Non – DSR or Non – schedule items which are not based on any DSR and as such rates for these items are to be determined based on prevailing Market Rates.

2. Extra / Substituted / Additional Items

If during currency of the work, any items which are not available in the Contract's BOQ and have been ordered by ESIC to carry out at the site, rates for such items for payment purpose to the Contractor shall be determined as follows:

i. **For DSR Items**

The rates shall be derived based on latest DSR rates + Cost Index as considered in the Estimate. **(The effect of minus or plus quote in the bid will also be added)**

ii. **For NDSR Items**

The rates shall be derived based on Market Rates. An element of T& P @ 7.5% + Contractor's Profit (CP) @ 7.5 % shall be allowed.

3. Time frame for Attending Complaints

The Contractor shall put all out efforts to address the complaints as immediately as possible. However, a tentative timeline for various natures of complaints are given within which the complaints are supposed to be attended by the Contractor without fail so as to maintain the hospital services smoothly.

S	Complaint Type	Maximum Time within

No	(as defined by ESIC)	which the complaints are to be attended
1	Emergent Complaints	12 hours
2	Minor Complaints	1 day
3	Major Complaints	3 days
4	Periodical Complaints	7 days

Note: - The Engineer In-Charge at the ESIC MCH Noida may exercise discretion in relaxing the prescribed timelines for attending complaints, based on the nature of the issue and the time required for resolution. The timelines mentioned are applicable primarily to locations where regular manpower is deployed for day-to-day maintenance activities.

The maximum permissible time for attending to complaints shall be 03 days, or as may be specified by the Engineer In-Charge, depending on the circumstances.

For minor complaints lodged after 2:00 PM on any working day, the response time shall be calculated from 9:00 AM of the next working day, and the time allowed for attending to the complaint shall be determined accordingly.

Recovery for Delay in Attending Complaints

The following recoveries shall be made from the Contractor's admissible payments for delays in attending to complaints:

A) <u>Emergency Complaints</u>

A recovery at the rate of **1% per day** of the value of the concerned complaint shall be levied **per complaint per day** of delay in attending to **emergency complaints**, beyond the prescribed response time decided by Engineer Incharge of ESIC.

B) <u>Major, Minor & Periodical Complaints</u>

A recovery at the rate of **0.50% per day** of the value of the concerned complaint shall be levied **per complaint per day** of delay in attending to **major, minor, and periodical complaints**, beyond the stipulated time frame as mentioned in the scope of work decided by Engineer Incharge of ESIC.

4. Minimum Wages and Revision Thereof

i. **Minimum Wages Compliance:**

The Contractor shall ensure that all categories of workers deployed under this contract are paid wages not less than the minimum rates prescribed by the Chief Labour Commissioner (Central), Ministry of Labour & Employment, Government of India, for the applicable category and location. The Contractor shall also ensure compliance with all applicable statutory provisions including but not limited to EPF, ESI, Bonus, Leave, and other labour welfare regulations.

ii. **Revision of Wages:**

In case of any upward revision in the minimum wages by the Chief Labour Commissioner (Central) during the currency of the contract, the Contractor shall implement the revised wages for all categories of workers included in the BOQ/bid with effect from the date specified in the notification/order.

iii. **Financial Implication and Reimbursement:**

The additional financial liability arising solely due to such wage revision—including corresponding increases in statutory contributions such as EPF, ESI, Bonus, etc., if applicable—shall be borne by ESIC.

iv. **Conditions for Reimbursement:**

The Contractor shall submit a formal claim for reimbursement of the additional wages and statutory dues paid due to such revision

The claim must be accompanied by documentary evidence including

A. Wage sheets before and after revision,
B. Proof of bank transfer to workers,
C. EPF/ESI contribution challans and calculation sheets,
D. Copy of the applicable wage revision notification issued by the CLC (Central).

v. **No service charge, overheads, or profit margin shall be payable on the increased wage component.**

The claim for reimbursement must be submitted within 30 days from the date of disbursement of revised wages.

vi. Non-Compliance:

Failure to comply with the payment of revised wages or to submit timely and adequate documentation for reimbursement may be treated as a breach of contract, leading to deduction of dues, penalties, or termination of the contract, as deemed appropriate by ESIC.

5. Attendance, Duty Location & Biometric System Compliance

i. The labour deployed under this contract shall be required to perform duties at various locations as specified in the tender. All deployed personnel shall report daily to the **location designated by ESIC MCH Noida & attached dispensary** and **mark their attendance through the Aadhaar Enabled Biometric Attendance System (AEBAS)**.

Upon marking attendance, workers shall proceed to their respective workplaces at Hospitals/dispensaries/offices as directed by the **Engineer-in-Charge**, his authorized representative, or as per complaints assigned.

ii. The **duty shift shall commence** from the time workers report at the designated location. **No additional payment** shall be made towards **Travel Allowance (TA), Dearness Allowance (DA)**, or any other incidental expenses for movement between duty locations. All such costs shall be **borne entirely by the Contractor**.

iii. At locations where the **ESIC- provided biometric attendance system is not installed**, the **Contractor shall install a biometric attendance machine** at **his own cost**.

iv. If it is technically **not feasible to install** a biometric attendance machine at a particular location, **manual attendance** shall be maintained in a register and should also be got verified by ESIC Engineer on daily basis.

v. The **attendance register** shall be verified by ESIC Engineer.

vii. In case the **biometric system is non-functional** or under repair on any given day(s), the Contractor shall:

Immediately inform ESIC of the malfunction via **email**, and

Maintain **manual attendance** in the designated register for that day(s).

This register shall remain **under the custody of the ESIC representative** nominated by the Engineer-in-Charge.

viii. Attendance Monitoring and Recovery for Absenteeism

The Contractor shall maintain **accurate and up-to-date attendance records** of all workmen deployed at the site. These records shall be **open to inspection** by the **ESIC Engineer** or authorized staff at any time, and shall serve as the basis for verification of workforce deployment.

ix. **Unauthorized Absence and Non-Substitution Clause**

In the event of unauthorized absence of any workman beyond the permissible leave, and if the Contractor fails to provide a suitable substitute for the said workman, or Contractor failed to deploy manpower as per BOQ , the following conditions shall apply:

A. Non-Payment: No payment shall be made for the period of absence of the said workman.

B. Penalty/Recovery: A penalty shall be imposed and recovered from the Contractor at the following rates:

S. No.	Category of Workmen	Rate of Recovery per Day per Person (In Rs.)	Remarks
1	Supervisor	1000/-	In case workman are found absent for particular hours of the day without intimation the Head of the Department /Engineer In charge or not marked the Biometric attendance, the recovery shall be made on pro –rata basis by considering 8 hrs. of the duty in a day including wages of same day.
2	Highly Skilled	1000/-	
3	Skilled	800/-	
4	Semi-Skilled	800/-	
5	Unskilled	600/-	

The above recoveries shall be deducted from the Contractor's running or final bills. In case of **repeated absenteeism without replacement**, ESIC reserves the right to initiate further action as per contract terms, which may include withholding payment or termination of contract for default.

x. **The Contractor shall deploy required number of Engineers / Supervisor / Manpower's of Requisite skills, expertise, experience, aptitude, attitude etc. as per applicable norms and up to the satisfaction of ESIC to ensure Medical College, Hospital, Staff Quarters & premises are maintained with due diligence and Medicare services are not interrupted.**

6. Statutory Compliance – Fire Safety Obligations

i. **Renewal of Statutory Licenses and Approvals :** The Contractor shall be solely and unconditionally responsible for obtaining and ensuring timely renewal of all statutory licenses and approvals required for the continued operation and statutory compliance of the premises under this contract. This includes, but is not limited to:
(a) Fire NOC
(b) Lift License (wherever applicable)
(C) License for STP/ETO from UP Pollution control board
These approvals shall be obtained from the competent government or statutory authorities well within the prescribed time limits.

ii. **Reimbursement of Statutory Fees:** No additional payment shall be made to the Contractor for undertaking such renewals, except for the actual statutory/government fees prescribed by the concerned authorities. Such fees shall be reimbursed by the Employer (ESIC) only upon submission of original receipts or verifiable proof of payment made to the competent authority.

iii. **Default in Renewal and Consequences:** Failure on the part of the Contractor to obtain or renew the required statutory approvals, including but not limited to the Fire NOC, within the stipulated time frame, shall be considered a material breach of contract. In such an event, ESIC reserves the right to independently engage a qualified consultant, agency, or professional to execute the required work, and all expenses incurred by ESIC in this regard shall be recovered from the Contractor's bills, dues, or from the Performance Bank Guarantee (PBG) and Security Deposit (SD), without any further notice.

iv. **Fire Safety Equipment, Drills, and Preventive Measures:** The Contractor shall ensure round-the-clock readiness and proper functioning of all fire safety-related installations, equipment, accessories, and systems across the entire ESIC including hospitals and their associated buildings. Periodic fire drills shall be conducted by the Contractor in consultation with the Engineer-in-Charge and local fire authorities, as per statutory norms. Any deficiency, malfunction, or defect identified during these drills or inspections shall be rectified immediately and at no extra cost to ESIC.

v. **Deployment of Fire Safety Personnel:** The Contractor shall deploy a qualified Fire Safety Supervisor with relevant experience, who shall be responsible for implementing all fire safety protocols, compliance with statutory norms, and coordination with fire authorities. Additionally, a qualified Fire Technician shall also be deployed to assist the Supervisor. Together, they shall form the core Fire Safety Squad, functioning under the supervision of the Engineer-in-Charge, to ensure the premises remain fully compliant and secure from fire safety risks at all times.

vi. **Liability in Case of Fire Incident :** In the event of a fire incident in any building covered under this contract, where fire safety equipment is found to be non-functional due to lack of maintenance or negligence, the Contractor shall be held fully liable for any resultant loss of life, injury, or damage to property. Any legal proceedings or penalties initiated by local fire departments, state authorities, or ESIC due to such negligence shall be borne entirely by the Contractor. All financial losses and liabilities incurred shall be recoverable from the Contractor's PBG, SD, or any other dues payable to the Contractor under this or any other contract with ESIC.

7. Contractor's Obligations for Complaint Management, Staff Conduct, and Site Operations

i. Maintenance Office and Complaint Redressal System

The contractor shall establish and operate a well-equipped **Maintenance Office / Service Centre / Sewa Kendra** for receiving and resolving complaints.

A **Complaint Register** shall be maintained, updated daily as per directions of the Engineer-in-Charge, and integrated with the overall maintenance tracking system. All complaints shall be acknowledged and redressed promptly within the prescribed timelines.

Each worker shall maintain a **Complaint Diary**, obtain acknowledgment from the complainant department, and submit a daily summary to the Junior. Unsatisfactorily resolved complaints shall be treated as **unattended**. N**o extra payment** shall be made for stationery, diaries, or forms used in this process.

ii. Contractor's Infrastructure and Resources

The contractor shall arrange, at his own cost:

- Computers, furniture, office equipment, and any other materials necessary for service operations
- All registers and documents as issued by Engineer-in-Charge in chronological order

All such items shall be removed only upon expiry of the contract period. **No additional payment** shall be made for procurement or maintenance of these resources.

iii. Staff Conduct, Discipline, and Verification

- Workmen must be **courteous, disciplined, and professionally groomed**.
- The work area must be cleaned after addressing each complaint.
- Misbehavior or misconduct will lead to **mandatory removal** of the concerned staff within **five days**, failing which **penalties/recoveries** shall be applicable.

All deployed personnel shall:

- Wear **neat and clean uniforms** with **ESIC-logo**, name badge, and safety shoes.
- Be provided uniforms **within 20 days** of work commencement; otherwise, a **penalty of ₹50/day/employee** shall be levied.
- Be **police-verified** and issued **identity cards** duly countersigned by the ESIC Engineer.
- Mark attendance using **Biometric Attendance System (BAS)** linked with Aadhaar wherever ESIC machines are not available; to be installed at contractor's cost.

iv. Communication and Response Time

- Contractor or authorized representative shall be **available on mobile phones round-the-clock (24x7)**.

- Alternate mobile/landline numbers shall also be provided for emergency communication.
- All complaints shall be responded to and attended within the **timeline specified by ESIC**.
- Contractor shall comply with **Citizen Charter** and any **Model Code of Worker Conduct** issued by ESIC.
- The contractor shall also ensure that any visitors to the service centre are assisted courteously during the complaint lodging process.
- All T&P including ladders, wire drawing equipment, chase cutting equipment, drilling machine megger insulation, earth resistance testing equipment etc. required for the work shall have to be arranged by the contractor. No T&P shall be issued by the Department.

v. Complaint Documentation and Registers

The Contractor shall maintain all necessary documentation for complaint handling and resolution. This includes:

b. **Printed Complaint Forms** in **triplicate format**, and
c. All **required registers** for recording complaints, tracking progress, and certifying work completion.

The format and content of the complaint forms and registers shall be as approved and instructed by the Engineer-in-Charge.

All expenses towards **printing, procurement, and maintenance** of such forms and registers shall be borne entirely by the Contractor. **No extra payment shall be made by ESIC** for these items under any circumstances.

8. Disposal and Salvage of Dismantled Materials

All dismantled material shall remain the property of the ESIC and shall be taken away by the contractor after taking approval of ESIC. Deduction of scrap will be made accordingly from contractor bills.

i. **Responsibility and Record Keeping:** During the execution of Annual Repair and Maintenance (ARM) works, all **dismantled materials and fittings**—whether civil,

plumbing, or electrical in nature—shall be clearly categorized into **serviceable** and **unserviceable** items by the contractor.

ii. **"Register of Dismantled Materials"** shall be maintained by the contractor in the format approved by ESIC and shall be produced for verification on a monthly and annual basis. Contractor shall mention the material retrieved in each Complaint form.

iii. **Handling of Serviceable Materials :** All serviceable dismantled items, including but not limited to sanitary fixtures (traps, pipes), fans, light fixtures, copper/aluminium wires, CPVC/GI plumbing fittings, wooden doors, hardware, etc., shall remain the property of the ESIC. Such materials shall be properly stacked, labeled, and handed over to the Engineer/Caretaker at a location designated by ESIC. No part of these items may be removed from the premises without any written approval.

iv. **Handling of Unserviceable Materials :** Dismantled items deemed unserviceable or scrap (e.g., broken tiles, burnt bulbs, damaged wires, shattered PVC parts, WCs, wash basins, traps) shall be segregated and disposed of as the salvage value of these items in NIL.

v. The contractor shall clear such debris within 7 days of generation and maintain photographic and disposal records as directed.

vi. **Reuse vs Disposal Mandate :** Wherever feasible, ESIC may direct the reuse of dismantled materials in suitable repairs or for temporary arrangements. The contractor shall comply without any additional claim.

vii. **Verification and Audit:** All dismantled materials shall be subject to physical verification and audit by the Engineer of ESIC. The "Register of Dismantled Materials" shall be **audited quarterly by Engineer In-charge/Authorized officer of ESIC.** Any discrepancy or delay in submission or disposal shall attract appropriate penalty or recovery as per contract terms.

viii. **Non-Compliance**

In case the contractor fails to comply with the above provisions, the department shall have the right to:

a. Forfeit the value of the serviceable materials;

b. Recover any additional cost incurred by ESIC for removal, storage, or disposal;

c. Take disciplinary action as per GCC clauses including penalty, withholding of payment, or contract termination in case of repeated default.

ix. **Deduction of Salvage Value of Scrap Materials**

The salvage value of dismantled or scrap materials generated during the execution of work shall be recovered from the contractor's running account bills on a quarterly basis, at the rates specified below. These deductions represent the estimated market value of recoverable materials and shall be credited to the department.

1. The material (Civil & Electrical) received at site; the salvage value of such material will be as under.		
A.	Civil/Electrical/Plumbing/Sanitary & etc. Items	As per DSR or State PDW rates / Salvage value as per valuation of Govt Approved Valuer (The charges /fees of valuer shall be borne by Contractor)

9. Unless otherwise specified, the agreement rates for all items of work of the schedule of quantities are for all heights, depths, leads and lifts involved in the execution of work.
10. The contractor shall take all precautions to avoid accidents by exhibiting caution boards, red flags, red lights and providing necessary barriers and all other measures required from time to time. The contractor shall be responsible for all damages and accidents due to negligence on his part.
11. The contractor shall give due notices to Municipality, Police and/ or other authorities that may be required under the law/ rules under force and obtain all requisite licenses for temporary obstructions/ enclosures and pay all charges which may be leviable on account of his execution of the work under the agreement. Nothing extra shall be payable on this account.
12. The agencies may also be simultaneously executing some other work entrusted to them by the Engineer-in-charge and the contractor shall offer necessary cooperation wherever required to these agencies so as not to interfere with or hinder the progress or completion of the work being performed by other contractor (s). He shall as far as possible arrange his work and shall place and dispose off the materials being used or removed, so as not to interfere with the operations of other contractors, or he shall arrange his work with that of the others in an acceptable and coordinated manner and shall perform it in proper sequence to the complete satisfaction of Engineer-in-charge
13. All the malba or rubbish obtained from dismantling or otherwise during the execution of work shall be collected in the mobile container arranged by contractor free of cost of suitable size

placed near the working place. The malba or building rubbish so collected shall be disposed off to the specified common disposal point as decided by the Engineer-in charge, where from the contractor will finally disposed off the collected malba or rubbish to the authorized municipal dhalao/dumping ground. In no case the malba / building rubbish shall be allowed to dump at ground near the working place. A recovery of **Rs.1000/-** shall be made for every default per day till the final disposal of malba only after issuing a notice in writing by engineer-in-charge of work.

14. Contractor shall be fully responsible for any damages caused to govt. property by his or his labour in carrying out the work and same shall be rectified by the contractor at his own cost.
15. No residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall also not be allowed to erect any temporary set up for staff in the campus.
16. The contractor shall maintain sufficient quantity of materials and spares at site to meet the requirement of attending the complaints as per direction of the Engineer-in-charge. Stores / bins, if available, shall be handed over to the contractor for storing the material
17. The contractor shall have to carry out the work other than day to day maintenance according to programme given by the Executive Engineer / Assistant Engineer / Junior Engineer-in-charge. The contractor shall have to adhere to this programme failing which he shall be wholly responsible if or any inconvenience caused to the occupants. No claim for idle labour on any account shall be entertained. The contractor shall depute his representative daily to the site of work. His / her name and Signature shall be attested by the contractor for record in the department.
18. No special repairs and addition/ alteration work shall be carried out in any building without the approval of the representative of the Engineer-in- charge. Any work carried out without approval of the representative of the Engineer-in-charge at the site, the work shall be rejected and shall not be measured and paid for.
19. In case of any accident during the operation / Maintenance of the equipment leading to injuries/damages to human being equipment or loss of life, the contractor shall be fully responsible for settling all claims & indemnify the department against any claims arising out of such accidents.
20. This contract includes providing the emergency services whenever required after normal working hours; no extra charge will be entertained for attending any numbers of complaints.

21. The contractor will carry out preventive maintenance / Checks as per CPWD Specification / respective standard trade practice and as per details attached. The result of such exercise will be recorded in proforma as decided by the Engineer-in-charge.
22. Materials used shall be in order of preferences as under:-

    i. List of approved make in NIT

    ii. Under the Nomenclature of the item

    iii. Particular specifications and special conditions.

    iv. CPWD specifications.

    v. ISI marked / conforming to BIS.

    vi. Approved by ESIC engineer.

    Rejected materials shall have to be removed by the contractor at his own cost immediately of the instructions of doing so. In case of any dispute regarding rejection of quality of materials the decision of the Engineer-in-Charge shall be final and binding upon the contractor.

23. For facia work and internal finishing work, double cup Lock steel scaffolding having two sets of vertical supports with steel staircase for inspection of works by engineer in charge shall be used. The supports shall be sound and strong, tied together with horizontal piece over which scaffolding planks shall be fixed.

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ANNEXURE- A

LIST OF APPROVED MAKES for Civil & Plumbing Works

Sl. No.	Materials	Approved make
1.	Tiles	
A.	Ceramic Glazed Wall Tiles	JOHNSON, SOMANY, KAJARIA, NITCO,
B.	Ceramic Glazed Floor Tiles	JOHNSON, SOMANY, KAJARIA, NITCO, ASIAN
C.	Chequered Tiles	NITCO, KK MANHOLE & GRATINGS CO. PVT. LTD. , MODERN, ULTRA,UNISTONE &
D.	Rectified Glazed Ceramic Floor Tiles	JOHNSON, SOMANY, KAJARIA, NITCO, ASIAN
E.	Vitrified Tiles	KAJARIA, JOHNSON, MARBIITO, NITCO, ASIAN, SOMANY,RAK
F.	Mosaic Tiles	NITCO, MODERN, SWASTIK
G.	Terrazzo Tiles	NITCO, MODERN, SWASTIK
H.	Glass Mosaic Tiles	ITALIA, NITCO, OPIO
2.	Bathroom Fittings	Jaquar, , MARC, Kohler
3.	Sanitary Ware	Hindware, Neycer, Cera, Parry ware, Kohler
4.	Kitchen Sink (steel)	Neelkanth, Jayna, Nirali
5.	PVC Tank	ISI marked sintex, Sheetal, SPL, Storex, Unitank
6.	Non A.C. Sheets	ISI marked Lotus, Charminar, Uppal, ACC
7.	PVC Cistern	Commander, Duralite, Hindware, Coral, Speed Flow
8.	Fibre Glass sheet and Chajjas	Rooffit of Shiv Shakti fiber udhyog make, Fibreways Technology, Simba
9.	Precast Cement concrete slab	, Nitco, KK MANHOLE & GRATINGS CO. PVT. LTD., KONKRETE PRODUCTS CO
10.	G.I. Sheet	SAIL, Tata shakti, jindal, Swastik
11.	G.I. pipe	ISI marked jindal Hissar, Tata, Prakash,
12.	G.I. fittings	ISI marked Unik, UK, Surya, Prakash,
13.	Structural M.S. Sections I & Channels	ISI marked Tisco, Jindal, Sail, Rana, Rathi
14.	Structural Extruded Sections Tee iron, Angle iron, Flats etc and TMT bars	ISI marked Rana, Tata, Rathi
14a.	Steel work with hot finished welded type tubes for tubular trusses	BST, Jindal, Ravindra, Surya
15.	Block Board & Ply Wood & Lamination Sheet	ISI marked Century, Duro, Greenply, Merino, National Ka
16.	Precast CC Interlocking paver Block, Kerb Stone	Nitco, KK MANHOLE & GRATINGS CO. PVT. LTD., KONKRETE PRODUCTS CO, , Terra Firma,

17.	Precast R.C.C. manhole & gully trap covers, frames and gratings	KK MANHOLE & GRATINGS CO. PVT. LTD., KONKRETE PRODUCTS CO,
18.	Oil bound washable distemper	Berger, Asian, Nerolac, ICI
19.	Acrylic Distemper with or without VOC content	Berger, Asian, Nerolac, ICI
20.	Acrylic Emulsion paint/premium Emulsion paint having VOC content	Berger, Asian, Nerolac, ICI
21.	Exterior Acrylic paint/ Premium acrylic paint	Berger, Asian, Nerolac, ICI
22	PLASTIC EMULSION PAINT	Berger, Asian, Nerolac
23.	Primer for all work with or without VOC content	Berger, Asian, Nerolac, ICI
24.	Synthetic enamel paint with or without VOC content	Berger, Asian, Nerolac, ICI
25.	Waterproofing cement paint	Berger, Snowcem India Ltd, Asian paints
26.	Cement	OPC 43 Grade/PPC (ISI) ACC, Birla, Jaypee, L&T, Shree, J.K., Grasim, Lafrage, Ultra Tech
27.	Modular kitchen Accessories	Stallion, Sparkle Top, Hettich
28.	Brass Door window fillings	Sigma, Brasses, Bush
29.	Dash Fastner	Hilti, Fisher, Canon
30.	Hydraulic door closer	Hardwyn, Godrej, Dorma
31.	Lock & Latcher	Godrej, Harrison, Plaza, Golden
32.	Cement wall putty	Birla wall care, J.K. wall care
33.	APP	Bitumat co. Ltd., Roflex, STP, Dermabit Apex
34.	Aluminum Sections	Jindal, Hindalco, Indalco
35	Tile Adhesive as pais 15477	CICO Bal Endura, PIDLITE, FERROUS
36.	Centrifugally Cost & Pipe	NECo, Truform, Tecno sales Corporations
37.	Tempered glass/ glass pan	Modi float, saint Gobain, Asahi
38.	BEVELLED EDGE MIRROR	ATUL,SAINT GOBAIN,MODI GUARD, GOLDEN FISH
39.	PTMT Fittings	Paryag,Wilson
40.	White Cement	J.K. White, Birla White, ACC white cement
41	Structural Steel	Sail ,Tata, Jindal
42	Prelaminated Particle Board	Centuary Ply, Novapan, Kitlam
43	Adhesive	Pidilite, Sika, Thermoshield,
44	Dash Fastener	HILTI,FISCHER,BOSCH
45	S.S. STAIR CASE RAILING	JINDAL STAINLESS STEEL Ltd.,ICICH INDUSTRIES,ESSAL
46	FLOAT GLASS	MODI FLOAT,SAINT GOBAIN,ASAHI
47	GRASS PAVERS	UNISTONE,ULTRA,HINDUSTAN,K.K.
48	VITEROUS CHINA HARDWARE	PARRYWARE,HINDWARE,CERA,NYCER
49	GUN METAL VALVES	LEADER,SAINT,ZOLOTO

50	C.I. MANHOLE COVER	B.C.,RIF,NEECO
51	UPVC PIPE	SUPREME, PRINCE,FINOLEX,PRAKASH
52	BALL VALVES	ZOLOTO,IBP,ARCO
53	MIRROR	ATUL, MODI GUARD, Saint Gobain
54	READY MIX CONCRETE (RMC)	LAFARGE, ALCHON, ACC, L&T, ULTRA TECH
55	UPVC WINODW/DOORS	FENESTA, REHAU, POLYWOOD
56	CPVC PIPE & FITTINGS	AJAY FOLOWGUARD, ASHIRWAD FLOWGUARD
57	POP (PLASTER OF PARIS)	BIRLA WHITE, SAKARNI, JK LAXMI
58	FLUSH DOOR	CENTURY PLY BOARD, NATIONAL PLYWOOD, KITPLY,
59	FRP CHAJJA & DOORS	FIBEREWAYS, FIBRE ENGINEER
60	PVC CISTERN	STEELBIRD, JINDAL, SEABIRD
61	Reinforcement Bars	Fe500 grade of TATA, SAIL, RINL

Notes:

1. The weight and thickness of the material should be as per CPWD Specification/relevant IS Code / manufacturer specifications.
2. The above list is not exhaustive and as such materials beyond the above said list shall be used in the work only after due approval from the ESIC engineer.

List of approved make for Electrical work

S.No	Items	Approved Make
1.	Copper Conductor 660/1100 Volt Grade FR/FRLS/PVC wires ISI telephone Coaxial LAN Cable.	National, Polycab, RR Cable, Finolex, Havells, Bajaj.
2.	Coaxial Cable	Conscope, Delton, Finolex
3.	MS Conduit	BEC, AKG, Steel Craft, Mahaveer Steel
4.	MCB/MCB-DB/Industrial Sockets and accessories	L&T (HAGER), MDS (Legrand)-Lexic MG-Multi-9
5.	RCCB	L&T (HAGER), MDS (Legrand)-Lexic MG-Multi-9
6.	Modular Switches, Sockets, Regulators, Plug tops, Boxes and all other accessories.	MOS (Legrand)-Mossaic Schenider-Opal MK-Wraparound
7.	Ceiling Fan	Orient, Usha, Crompton/Bajaj/ Havells
8.	Exhaust Fans	Almonard, Crompton, Usha, Havells
9.	Exhaust Fan Decorative type	Nutek, Almonard, Crompton, Bajaj, Usha, Havells
10.	Light Fixtures	Philips, Crompton, Bajaj, Wipro, Decone
11.	Decorative Light Fixture	Nova, Ankur, Artlite
12.	PVC conduit & accessories ISi marked	Polypack, AKG, BEC, Precision, Finolex.
13.	M.S. & G.J. pipe	Jindal (Hissar), Tata
14.	Lamps	Osram, Philips, Crompton, Bajaj
15.	Connector/Term i nas	WIGO, Elemex, Phoenix
16.	MS/FI conduit accessories superior type as per approved samples	Sharma Sales Corpn., Super Sales Corpn.
17.	M.S. Raceways and Raceways accessories	Steways, Bharti, M. K.
18.	Telephone Tag Blocks	Krone, Puoyet
19.	Metal Clad Socket Outlets with Boxes	L&T (Hager), Siemens, MDS
20.	Under floor junction boxes an_d cable and cable management system	EGA (MK)
21.	Distribution Boards	Legzard, L&T, Siemens
22.	Water proof socket outlets, panel equipments, sub-station equipments, cables O/M line materials.	Clipsal Gerard, L&T,
23.	APFC Relay	Beluk, L&T, ABB

24.	Capacitors	L&T Meher, Siemens (EPCOS)
25.	Instruments-Analogue	L&T Rishab, AE
26.	Digital Energy Meter	Enercon, AE, L&T
27.	LT Switch board, PLC based DG logic panel and capacitor control panels and floor switch board	Tricolite electrical industries, control and switchgear, L&T, Siemens, Advance panel and switchgear ADLEC.
28.	Programmable logic controller (PLG)	Allen, Bradley, Siemens.
29.	11000 & 1100 volts grade XLPE insulated aluminium conductor armoured cables.	NICCO, RPG, Universal, CCI, Fort-Gloster, Diamond, Havells
30	33000 Volt grade XLPE insulated	NICCO, RPG, Universal.
31.	Main L.T. Panels/Bus Duct/DG panel/ APFC Panel/PLC Panel/C& Panel/ RTCC/MCCB Panel/UMDB/DG Auxiliary panel.	Tricolite/L&T/ lschineider/GE Power/ ABB & Siemens/Crompton Advance panels & switchgears ADLEC.
32.	Air Circuit breaker	L&T (U- Power)/Siemens (Sentron)/ Schneider (Mastrpact-NW), Crompton, ABB
33.	Moulded Case Circuit breakers	L&T (D- Sign)/Siemens (Sentron)/ Schneider (Compact-NS)/ ABB, Crompton
34.	Fuse diconnecto switch/switch fuse units.	L&T/Siemens/GE Power
35.	HRC Fuses	L&T/Siemens/GE Power
36.	Ammeter, Voltmeter	AE/MECO/Universal/ Rishab/lMP
37.	Selector Switch, Push Button Switch/Emergency Switch	Kay CEE/L& T/GE Power Control/Siemens/BCH
38.	LED Indication Lamps	A E/Easun/Kaycee/Siemens/ Vaishnov/L&T
39.	CT's & PT's	AE/KAPP A/Universal/Kaycee/ IMP/L&T/MECO/Gilbert & Maxwell.
40.	Starters	Siemens/L&T/Cutler Hammer/GE Power/ABB Schneider
41.	Single Phasing Preventive/Overload Protection Unit	L&T/GE power/Siemens.
42.	Relays	L&T/ Areva/ ABB/Siemens
43.	Contractors	L&T/GE Power/BCH/Siemens/ ABB/Schneider
44.	Cable Glands	Commet, HMI
45.	Cable Tray	PICCO, Yenes, Rico
46.	Thimbles/Lugs	Commet, Dowells, Asiatic

47.	Conductor	Racman, Polycab, Rashtria, HAR ELEC., Laxmi
48.	Transformers (Oil Type)	BHEL, Crompton, Areva, Bharat, Bijli, ABB
49.	Transformers (Dry Type)	BHEL, Crompton, Volt AMP.
50.	Transformers Small TRF Upto 250K.Y A	BHEL, Crompton, Areva, Bharat, Bijli, Kanohar Vijay Makes can be used.
51.	H.T. Panel	Siemens, ABB, Areva, Crompton.
52.	Octagonal/Hexagonal GI Poles	Bajaj, B.P. Projects, Paruthi, Surya, Philips
53.	Decorative Poles	Metal, Coats, Glomac
54.	HT Jointing Kits	Raychem, CCI, Denson
55.	LT Jointing Kits	M. Seal, Mahindra & Mahindra, Raychem CCI Denson
56.	PIN/Disc insulators	BHEL, Jayshree, WSI, Ovalum, Elpro
57.	Street Light Luminaries	Bajaj, Philips, Crompton
58.	TPMO/Fuse SETE	Relco, Rashria
59.	PVC pipe	Finolex, Supreme
60.	Fire Extinguishers	Zenith, Minimax, Life guard, Newage
61.	KWH, PF, Frequency, meter	AE/L& T /Secure/Conserve
62.	Digital meter, Multifunction meter	Conserve/Secure/ AE/L&T
63.	LED Light Fixture	Philips, Crompton, Bajaj
64.	Complete High Mast	Philips, Crompton, Bajaj
65.	Decorative Column Lights	Philips, Crompton, Bajaj, Yak Lighting, Orient, UP PWD Approved Make and Equivalent

The above makes of materials are approved subjected to their meeting the tender specifications & requirements. The contractor however shall seek approval of specific make from the Engineer-in-charge before commencing the work. The decision of the Engineer-in-charge shall be final & binding on the contractor in the respect. Makes for any other items not covered above to be got approval from the Engineer-in-charge.

Annexure - B

INTEGRITY PACT

(On Bidder's Letter Head)

To,

The Dean

ESIC Medical College and Hospital

Sector-24,Noida

Uttar Pradesh, 201301.

Subject : Comprehensive Annual Repair and Maintenance, ARM Civil & Electrical works for ESIC Medical College & Hospital, Noida for one year.

Dear Sir,

I / We acknowledge that ESIC 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 ESIC.

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, ESIC 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 / PACT

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

BETWEEN

The Dean "ESIC Medical College & Hospital, Sector-24, Noida Uttar Pradesh. (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._____) (hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract work

Subject/Name of work: Comprehensive Annual Repair and Maintenance (ARM) of ESIC MEDICAL COLLEGE & HOSPITAL & ITS STAFF QUARTERS AND ALLIED 04 No's DISPENSARYS during the year 2025-26.

Herein 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 relationship 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:
   I. 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.
   II. 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.
   III. The Principal/Owner shall Endeavour 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) commits 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:
   I. 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.

II. 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 competitive or to cartelize in the bidding process. Competitiveness or to cartelize in the bidding process.

III. 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.

IV. 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 participate 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.

V. The Bidder(s)/Contractor(s) will, when presenting his bid, disclose 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.

VI. The Bidder(s)/Contractor(s) will not instigate third persons to commit offenses outlined above or be an accessory to such offenses.

3. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice means a wilful 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.

4. 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 EMD/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 IPC 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 anti corruption 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/ holiday 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) undertake(s) to demand from all sub-contractors 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

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.

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, ESIC.

Article 7- Other Provisions

1. This Pact is subject to Indian Law, place of performance and Jurisdiction is the Dean

of the ESIC 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 thereof shall not be subject to arbitration.
6. Bidders not to enter into any undisclosed agreement or understanding with other bidders with respect to prices, specifications, certifications, subsidiary contracts etc.
7. Bidders not to pass any information provided by Principal as part of business relationship to others and not to commit any offence under PC/IPC Act.
8. Bidders to disclose the payments to be made by them to agents /brokers or any other intermediary.
9. Bidders to disclose any transgressions with any other public/government organization that may impinge on the anti-corruption principle. The date of such transgression, for the purpose of disclosure by the bidders in this regard , would be the date on which cognizance of the said transgressions was taken by the competent authority. The period for which such transgression (s) is /are to be reported by the bidders shall be the last three years to be reckoned from date of bid submission. The transgression (s), for which cognizance was taken even before the said period of three years , but are pending conclusion , shall also be reported by the bidders.
10. Any violation of the Integrity Pact would entail disqualification of the bidders and exclusion from future business dealing, as per the existing provision of GFR, 2017, PC Act, 1988 and other Financial Rules /Guidelines etc. As may be applicable to the organization concerned.
11. The person signing the Integrity Pact shall not approach the Courts while representing the

matters to IEMs (Independent External Monitors appointed by ESIC)

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/Contact 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 ESIC Medical College& Hospital, Sec-24 Noida)	**(For and on behalf of Bidder/Contractor)**

WITNESSES:

(Signature, name and address)	(Signature, name and address)

Place:

Dated:

Annexure - C

FORM OF PERFORMANCE GUARANTEE

(BANK GUARANTEE BOND)

In consideration of Director General, ESI Corporation (hereinafter called " ESIC" or "Corporation") having offered to accept the terms and conditions of the proposed agreement between ESIC, as First Party and …..…..……., as Second Party (Herein after called "the said contractor(s)") for the work …… (Herein after called "the said Agreement') having agreed, to production of an irrevocable Bank Guarantee for Rs…….. (Rupees ……only) as a security/guarantee from the contractors(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We …… (*Indicate the name of Bank)* …… (Hereinafter referred to as "Bank") hereby undertake to pay to the ESIC an amount not exceeding Rs……. (Rupees ……) only on demand by the ESIC.

2. We …… do hereby (indicate the name of Bank) undertake to pay the amounts due and payable under this Guarantee without any demure, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor (s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs…… (Rupees ……..……) only.

3. We, the said bank further undertake to pay the ESIC any money so demand notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.

4. We ……. (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said Agreement have been fully paid and its claim satisfied or discharged or till ESIC certifies that the terms and conditions of the

said Agreement have been fully and properly carried out by the said contractor(s) accordingly discharges this guarantee.

5. We ……. (Indicate the name of Bank) further agree with the ESIC that the ESIC, i.e. First Party shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Corporation against the said contractor(s) and to forebear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the Corporation or any indulgence by the Corporation to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s) i.e. Second Party.

7. We …… (Indicate the name of bank) lastly undertake not to revoke this guarantee except with the previous consent of the Corporation in writing.

8. This guarantee shall be valid up to …….. unless extended on demand by Corporation. Now withstanding anything mentioned above, our liability against this Guarantee is restricted to Rs. ……. (Rupees ……) only and unless a claim in writing is lodged with us within six months of the date of expiry of this guarantee, all our liabilities under this guarantee, shall stand discharged.

Dated, the ……Day of..... For…….(Indicate the name of the Bank)

Annexure - D

INDEMNITY BOND

(The bond shall be submitted on non-judicial stamp paper of Rs.100/-)

(To be signed by Successful Bidder)

This Indemnity Bond is executed on this ___ day of _____, 20, by M/s _____ (hereinafter referred to as the "Contractor") in favour of the Employees' State Insurance Corporation (ESIC), through its Dean, ESIC Medical College & Hospital, Sec-24, Noida, Uttar Pradesh.

WHEREAS the Contractor has been awarded the work titled "_____" vide Work Order No. _____ dated _____, and is bound by the terms and conditions contained in the tender/contract.

NOW THEREFORE, in consideration of the said work, the Contractor agrees to indemnify and hold harmless the ESIC / Client from all claims, losses, damages, injuries, or liabilities arising out of:

1. Death or injury to any person;
2. Loss or damage to any property (other than the Works);
3. Any violation of statutory obligations by the Contractor;
4. Any act of negligence, misconduct, or omission on the part of the Contractor or his personnel.

This Bond shall remain valid throughout the duration of the Contract and during the defect liability period thereafter.

IN WITNESS WHEREOF, the Contractor has set his hand on this Bond on the day, month, and year first above written.

Signature of Contractor: _____

Name: _____

Address: _____

Witnesses:

1. Signature: _____ Name: _____
2. Signature: _____ Name: _____

Technical Bid Documents/Forms

Annexure - E

CHECK LIST OF THE DOCUMENTS

List of Documents to be Scanned and Uploaded during Bid Submission

All bidders are required to scan and upload the following documents within the bid submission period.

Bidders must ensure that each of the documents listed below is properly enclosed and uploaded on the tender portal. Failure to submit any of the mandatory documents may render the bid ineligible for evaluation and lead to disqualification from the tender process.

S No.	Item		Confirm (Yes/No)	At Page No.
1	EMD			
2	Tender form with complete technical bid and financial bid, with all pages serially numbered, signed and stamped on each page			
3	Experience of Company **Form-A** (Separate for each work)			
4	Performance report of individual work referred to in Form "A" – **Form B**			
5	Audited Balance sheet of last three years with details of annual turnover, profit/loss account etc			
6	Financial Information **Form-C**			
7	Structure & Organization **Form- D**			
8	Self-Declaration certificate **Form-E** (On Letterhead of the Bidder)			
9	Undertaking for acceptance of tender conditions a declaration of compliance **Form –F**			
10	Letter of Transmittal **Form-G** (On Bidder's Letter Head)			

11	Attested Photo copy of PAN Card			
12	GST registration certificate with details of the last Payment			
13	Income Tax return of the firm for last three Financial Years (i.e. FY 2022-23, 2023-24, 2024-25)			
14	ESI Registration Certificate copy and last 06 months payment slip to ESIC			
15	EPF Registration Certificate copy last 06 months payment slip to EPFO			
16	Copy of valid electrical contract license from Central or any State/UT Government			
17	Complete bank details /Cancelled cheque			
18	Valid Electrical Licence			
19	Other Documents (if any) in support of contracts fulfilled in last 7 years along with their values in support of the experience and financial credibility			

Note:

The **original EMD (Earnest Money Deposit)** must be submitted **on or before the date and time specified in the NIT**. Failure to do so will result in **summary rejection of the bid**.

Bidders are advised to:

- **Carefully read** all instructions and requirements mentioned in the **Technical Bid Forms** before filling them.
- **Avoid overwriting** or corrections in the forms.
- Ensure that all details filled in are **clear, legible, and complete**. Incomplete, unclear, or illegible entries may lead to **rejection of the bid without further consideration**.

Signature of Authorized Person Date:

Full name:

Place:

Company's seal

FORM 'A'

EXPERIENCE OF COMPANY

DETAILS OF ELIGIBLE SIMILAR NATURE OF WORKS COMPLETED DURING THE LAST SEVEN YEARS ENDING PREVIOUS DAY OF LAST DATE OF SUBMISSION OF TENDERS

S. No	Name of the work and location	Name of Organization	Cost of work in corers of Rs.	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation/ Arbitration cases pending with details*	**Name and contact details & E-mail id of concerned officer of the organization**
1								
2								
3								
4								

Add more rows for works more than 4

* Including gross amount claimed and amount awarded by the Arbitrator.

Signature of Bidder(s)

FORM 'B'

PERFORMANCE REPORT OF INDIVIDUAL WORK REFERRED TO IN FORM "A"

1. Name of work & location

2. Agreement No. and Date

3. Work Order No. and Date

4. Estimated cost of work

5. Final Cost of work

   A. Civil & Plumbing works

   B. Electrical and Mechanical Services

   C. Manpower Deployment

5. Date of start

6. Date of completion

(i) Stipulated date of completion

(ii) Actual date of completion

7 (a) Whether any case of levy of compensation for delay has been imposed or not Yes/No

(b) If decided, amount of compensation levied for delayed completion, if any :-

8. Performance Report

(1) Quality of work Outstanding/Very Good/Good/satisfactory/Poor

(2) Financial soundness Outstanding/Very Good/Good/satisfactory/Poor

(3) Technical Proficiency Outstanding/Very Good/Good/satisfactory/Poor

(4) Resourcefulness Outstanding/Very Good/Good/satisfactory/Poor

(5) General Behavior Outstanding/Very Good/Good/satisfactory/Poor

Dated:

Executive Engineer or Equivalent of Employer/Client

FORM 'C'

FINANCIAL INFORMATION

Name of the Firm / Contractor : ……..

S.No.	Particulars	Financial year		
		2022-23	2023-24	2024-25
1.	Gross Annual Turnover on maintenance works (in lakh rupees)			

Signature of Chartered Accountant with Seal.

Signature(s) of Bidder(s)

Seal of the Bidder

UDIN:

FORM 'D'

STRUCTURE & ORGANISATION

1. Name & address of the bidder
2. Telephone no./Telex no./Fax no.
3. Contact Details of the authorized personnel
4. Legal status of the bidder (attached copies of original document defining the legal status)
   (a) An Individual
   (b) A proprietary firm
   (c) A firm in partnership
   (d) A limited company of Corporation

5. Particulars of registration with various Government Bodies / Departments / Organization (attached attested photocopy)

	Organization / Place of Registration	Registration No.
1.		
2.		

6. Names and titles of Directors & Officers with designation associated with this work.

7. Designation of individuals authorized to act for the organization for this work.

8. Has the bidder or any constituent partner in case of partnership firm, ever been convicted by a court of law? if so, give details.

9. Any other information considered necessary with regard to this bid and for establishing the eligibility of the bidder.

Signature of the Bidder

Seal of the Bidder

FORM 'E'

SELF-DECLARATION CERTIFICATE

(On Letterhead of the Bidder)

Date: _____

To

The Dean,

ESIC Medical College & Hospital,

Sec-24, Noida, U.P.– 201301.

Subject: **Declaration regarding non-blacklisting and compliance with statutory obligations**

Sir,

I/We, the undersigned, hereby declare and certify that:

1. **I/We have never been blacklisted** or debarred from participating in any tendering process by any **Central/State Government Department, Public Sector Undertakings (PSUs), or Autonomous Bodies** at any point of time.
2. **I/We maintain a satisfactory track record** in complying with all applicable statutory liabilities including, but not limited to:
    - Timely **payment of Minimum Wages** to workers as per applicable laws
    - Proper and timely remittance of **Employees' State Insurance (ESI)** contributions
    - Timely **Employees' Provident Fund (EPF)** payments
    - Accurate and timely payment and filing of **Goods and Services Tax (GST)** returns

I/We understand that any false declaration shall lead to disqualification or termination of contract, and may also lead to legal action as per applicable laws.

This certificate is submitted with full knowledge and understanding of the obligations stated herein.

Yours sincerely,

(Signature with Stamp)

Name: _____

Designation: _____

Firm/Company Name: _____

Address: _____

Contact No: _____

Email ID: _____

(Self-Attested with Seal)

FORM 'F'

UNDERTAKING FOR ACCEPTANCE OF TENDER CONDITIONS AND DECLARATION OF COMPLIANCE

I / We have read and examined the Notice Inviting Tender and other contents such as technical and financial bid formats etc. of the bid document carefully and hereby tender for execution of the ARM work for ESI Corporation in terms of various terms and conditions as stipulated in the bid document.

We agree to keep the tender open for **Ninety (90) days** from the due date of opening of financial bid and not to make any modifications in its term & conditions.

A sum of **Rs. _____/-** is hereby forwarded in the form of Demand Draft / Pay Order issued by a scheduled bank as Earnest Money. If I / We, fail to furnish the prescribed Performance Guarantee within prescribed period, I / We agree that the ESI Corporation shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, I / We agree commence work as specified and if I / We fail to commence work as specified, I / We agree that ESI Corporation shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained therein.

Further, I / We agree that in case of forfeiture of earnest money or Performance Guarantee as aforesaid, I / We shall be debarred for participation in the re-tendering process of the work.

I / We undertake and confirm that eligible similar work(s) has / have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I / We shall be debarred for tendering in ESIC in future forever. Also, if such a violation comes to the notice of ESIC before date of start of work, the **Dean, ESIC, Medical College & Hospital, Noida, Uttar Pradesh** shall be free to cancel the Agreement and to forfeit the entire amount of Earnest Money Deposit / Performance Guarantee.

I / We hereby declare that I / We shall treat the tender documents and other records connected with the work as secret / confidential documents and shall not communicate information derived there from to any person other than a person to whom I / we am / are authorized to communicate the same or use the information in any manner prejudicial to the interest of ESIC / safety of State.

Dated: ..... Signature of Bidder (with Seal)

Signature of Witness: Postal Address

Name & Address:

Occupation:

Contact Details :

FORM 'G'

LETTER OF TRANSMITTAL

(On Bidder's Letter Head)

To

The Dean,

ESIC Medical College & Hospital,

Sec-24, Noida, U.P.– 201301.

Subject : Comprehensive Annual Repair and Maintenance, ARM Civil & Electrical works for ESIC Medical College & Hospital, its attached staff quarters and annexed 04 No's dispensary at Noida (U.P.) for one year.

Sir,

Having examined the details given in Press / Web Notice and NIT / Bid Document for the above work, I / we hereby submit the relevant information.

1. I / We hereby certify that all the statements made and information supplied in the enclosed forms **"A" to "F"** and accompanying statements, other documents provided by me in support of NIT are true and correct.
2. I / We have furnished all information's and details necessary for eligibility and have no further pertinent information to supply.
3. I / we submit the requisite certified solvency certificate and authorize the **Dean, ESIC, Medical College & Hospital, Noida, Uttar Pradesh** to approach the Bank issuing the solvency certificate to confirm the correctness thereof. I/We also authorized **Dean, ESIC, Medical College & Hospital, Noida, Uttar Pradesh** to approach individuals, employers, firms and corporation to verify our competence and general reputation, if required.
4. I / we submit the following certificates in support of our overall suitability, technical competence for having successfully completed the following similar works for establishing our eligibility:

S.No.	Name of work	Certificate from
1		
…		
…		

Certificate:

It is certified that the information given in the enclosed eligibility bid are correct. It is also certified that I / We shall be liable to be debarred and disqualified for participating in the subject bid as well as in future in case any information furnished by me / us found to be incorrect by ESIC.

Enclosures : ……. **Signature(s) of Bidder (s)**

Date of Submission: **Seal of Bidder**

Sample

Validate | Print | Helo

Percentage BoQ

Tender Inviting Authority: ESIC MEDICAL COLLEGE AND HOSPITAL, A-3, TULSI MARG, SECTOR-24, NOIDA(U.P.) - 201301.

Name of Work: ANNUAL REPAIR AND MAINTENANCE (ARM) WORK OF ESIC MEDICAL COLLEGE AND HOSPITAL, IT'S STAFF QUARTERS AND ATTACHED DISPENSARIES (04 Nos) AT NOIDA (U.P.)

Contract No:

Name of the Bidder/ Bidding Firm / Company :

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT With Taxes in Rs. P	TOTAL AMOUNT In Words
1	ANNUAL REPAIR AND MAINTENANCE (ARM) WORK						
1.01	ANNUAL REPAIR AND MAINTENANCE (ARM) WORK OF ESIC MEDICAL COLLEGE AND HOSPITAL, IT'S STAFF QUARTERS AND ATTACHED DISPENSARIES (04 Nos) AT NOIDA (U.P.)	1.00	Nos	73265757.00	73265757.00	73265757.00	INR Seven Crore Thirty Two Lakh Sixty Five Thousand Seven Hundred Fifty Seven & Paise Zero Only
Total in Figures					73265757.00	73265757.00	INR Seven Crore Thirty Two Lakh Sixty Five Thousand Seven Hundred Fifty Seven & Paise Zero Only
Quoted Rate in Figures			Select		0.00	0.00	INR Zero Only
Quoted Rate in Words	INR Zero Only						

JE(W)

JE(E)

Annual Repairs and Maintenance (ARM) of ESIC Medical college & Hospital, Noida, UP Campus along with 04 Nos. Dispensaries at Noida Sector 12, Noida Sector 57 ,Noida Phase II and Gr. Noida. Bill of Quantity (BoQ) & Detailed Estimate - Submission for Approval-reg		
SUMMARY -TOTAL COST		
S.No.	**Description**	**Amount (Rs.)**
1	**CIVIL Work Part**	**16,000,515.76**
2	**CIVIL Material Supply Part**	**2,027,087.59**
3	**ELECTRICAL Work Part**	**11,429,618.60**
4	**ELECTRICAL Material Supply Part**	**9,950,692.70**
5	**MANPOWER Part**	**31,723,694.00**
6	**Total amount**	**71,131,608.65**
7	**Contingencies @ 3 %** of total as applicable.	**2,133,948.26**
8	**Gross amount**	**73,265,556.91**
	Say	**7,32,65,557/-**

Annual Repairs and Maintenance (ARM) of ESIC Medical college & Hospital, Noida, UP Campus along with 04 Nos. Dispensaries at Noida Sector 12, Noida Sector 57 ,Noida Phase II and Gr. Noida. Bill of Quantity (BoQ) & Detailed Estimate - Submission for Approval-reg											
Subject : Estimate for ARM at ESIC Model Hospital Noida											
A. CIVIL MANPOWER											
S. No	Description	Qualification	Category	Duty hours/Shift	Manpower	Reliever	Total Manpower	Rates per Month	Total Cost for One Month	Total Cost for One Year	Remark/ Justification
1	Supervisor	Degree/Diploma in Civil or Electrical with 10 year experience for Diploma holder and 5 years experience for degree holder (Supervisory in Maintenance Job)	Highly Skilled	General duty	1	0	1	39901.08	39,901.08	478813.00	As per site requirement/ ESIC Engineer.
2	Plumber	ITI Certificate with 3 year of Experience	Skilled	1(per shift)+ 1General Shift	4	0.67	4.67	36907.76	172,236.21	2066834.47	As per existing manpower and site requirement
3	Mali	Experience in Horticulture Work	Unskilled	3 in General Shift	4	0.67	4.67	33705.80	157,293.74	1887524.88	As per CPWD Maintenance manual 2019 , 1 mali/ 3 acre. Hence 4 Mali may be consider as per site requirement, because total

											area of hospital and attached dispensaries is approx. 12 Acres.
4	Sewer man	Experience in Sewerage Cleaning	Unskilled	1 in 1st and 1 in 2nd Shift	2	0.33	2.33	33705.80	78,646.87	943762.44	As per existing manpower and site requirement (1 no./ 3 lakh sq ft as per CPWD Manintenance manual)
5	Carpenter	3 year of Experience in Maintenance	Skilled	General Shift	2	0.33	2.33	36907.76	86,118.10	1033417.24	As per the site requirements, considering the presence of four dispensaries and a medical college, the deployment of two carpenters during the general shift is essential for smooth functioning and timely maintenance.
6	Mason	3 year of Experience in Maintenance	Skilled	General Shift	1	0.17	1.17	36907.76	43,059.05	516708.62	As per site requirement and CPWD

											Maintenance manual 2019
7	Pump cum WTP Operator	ITI Certificate with 3 year of Experience	Skilled	1(per shift)	3	0.50	3.50	36907.76	129,177.15	1550125.85	As per existing manpower and site requirement
8	STP/ ETP Operator	Trade Certificate with having 3 years experience	Skilled	1(per shift)	3	0.50	3.50	36907.76	129,177.15	1550125.85	As per existing manpower and site requirement
9	Helpers/ Khallasi	Experience in Maintenance	Unskilled	As per Requirement	5	0.83	5.83	33705.80	196,617.17	2359406.10	As per existing manpower and site requirement
		TOTAL			25	4.00	29.00		1,032,226.54	**12,386,718.45**	
		TOTAL AMOUNT (A)								**12,386,718.45**	

B. ELECTRICAL MANPOWER

S. No	Description	Qualification	Category	Duty hours/ Shift	Manpower	Reliever	Total Manpower	Rates per Month	Total Cost for One Month	Total Cost for One Year	Remark/ Justification

1	Electrician	ITI Certificate with 3 year of Experience	Skilled	1(per shift)+ 3 General shift	6	1	7	36907.76	258,354.31	3,100,251.71	1 no. additional manpower has been consider as per site requirement and CPWD maintenance manual 2019 i.e. 1 no./ 3300 sq ft)
2	Substation Attendant cum DG Operator	ITI Certificate with 3 year of Experience in handling Substation and DG Sets	Skilled	2(per shift)	6	1	7	36907.76	258,354.31	3,100,251.71	As per existing manpower and site requirement
3	Lift Operator cum Technician	Trade Certificate with having 3 years experience	Skilled	4 no. (per shift) or as per site Requirement	11	1.83	12.83	36907.76	473649.5664	5683794.797	As per existing manpower and site requirement
4	HVAC Plant attendant cum Operator	ITI with 5 year Experience in specifically in maintenance of HVAC System	Skilled	2 per shift	6	1.00	7.00	36907.76	258354.31	3100251.71	As per existing manpower and site requirement.
5	CCTV Operator	ITI Certificate with 3 year of Experience	Skilled	General Duty	1	0	1	36907.76	36,907.76	442,893.10	As per ESIC direction and site requirement on daily basis
6	Firefighting Technician	Fire Safety Diploma with having 3 years	Skilled	1(per shift)	3	0.5	3.5	36907.76	129177.15	1550125.85	As per existing manpower

		experience									and site requirement
7	Helpers/ Khallasi	Experience in Maintenance	Unskilled	As per Requirement	5	0.83	5.83	33705.80	196617.17	2359406.10	As per existing manpower and site requirement
		TOTAL			38	6.17	44.17		1611414.58	19336974.97	
		TOTAL AMOUNT (B)								**19336974.97**	
Total No. of manpower		**73.17**									**73 (say)**
		GRAND TOTAL AMOUNT OF MANPOWER (A+B)								**31723694.00**	

Note :-

* Helpers shall be depute as per the direction of ESIC Engineer.

* General Duty Hours shall be from 9:00am to 5:30 pm and may be vary as per the direction of Engineer In-charge

* CLC Minimum wages shall be follow on worker. EPF/ESI AND BONUS shall be applicable as per prevailing Government Guidelines time to time/ latest and Agency will bound to ensure strict compliance of it.

* Manpower can be increased or decreased as per the requirement of ESIC. Payment shall be released to only actual present manpower approved by ESIC in respective month

* *Above mentioned rates includes GST, labour cess, other services charges and Administrative service Charges per worker as per only CLC norms per month quoted by the firm in financial bid shall be commensurate with the
administrative and supervisory efforts required for the executing the contract

Annual Repairs and Maintenance (ARM) of ESIC Medical college & Hospital, Noida, UP Campus along with 04 Nos. Dispensaries at Noida Sector 12, Noida Sector 57 ,Noida Phase II and Gr. Noida. Bill of Quantity (BoQ) & Detailed Estimate - Submission for Approval-reg

Civil works						
Sl.	**DSR 2023**	**Description of Items**	**Unit**	**Qty**	**Unit Rate (in Rs)**	**Amt (in Rs)**
1	2.6.1	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 kinds of soil	cum	10	177.50	1,775.00
2	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plam), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	cum	10	260.30	2,603.00
3	2.10.1.1	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :All kinds of soil: Pipes, cables etc, not exceeding 80 mm dia	metre	10	215.60	2,156.00

4	2.10.1.2	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :All kinds of soil: Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	metre	20	352.15	7,043.00
5	2.25	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	30	196.00	5,880.00
6	2.31	Cleaning jungle including uprooting of rank vegetation, grass, brush wood, tree, and removal of rubbish up to a distance of 50 metre outside the area cleared.	Sqm	400	17.60	7,040.00
7	2.33	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material				-
8	2.33.2	Beyond 60 cm girth upto and including 120 cm girth	each	10	2373.50	23,735.00
9	2.33.3	Beyond 120 cm girth upto and including 240 cm girth	each	10	11020.15	110,201.50
10	2.35	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) :				-
11	2.35.1.1	Along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete: With Chlorpyriphos/ Lindane E.C. 20% with 1% concentration	metre	100	38.90	3,890.00
12	2.35.2	Along the external wall below concrete or masonry apron using chemical emulsion @ 2.25 litres per linear metre including drilling and plugging holes etc.: 2.35.2.1 With Chlorpyriphos/ Lindane E.C. 20% with 1% concentration	metre	50	53.45	2,672.50
13	2.35.5	Treatment at points of contact of wood work by chemical emulsion Chlorpyriphos/ Lindane (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6 mm dia holes at	metre	50	279.70	13,985.00

		downward angle of 45 degree at 150 mm centre to centre and sealing the same.				
14						
15	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	5	7878.50	39,392.50
16	4.1.11	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size).	cum	5	6189.65	30,948.25
17	4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	cum	5	6812.00	34,060.00
18	5.1.3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :1:2:4 (1 cement : 2 coarse sand derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	5	8583.40	42,917.00
19	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	2	11505.50	23,011.00
20	5.9.3	Centering and shuttering including strutting, propping etc. and removal of form for all heights :Suspended floors, roofs, landings, balconies and access platform	sqm	10	927.25	9,272.50
21	5.9.7	Centering and shuttering including strutting, propping etc. and removal of form for all heights: Stairs, (excluding landings) except spiral-staircases	sqm	10	764.95	7,649.50

22	5.22.6/ 5.22A.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto/ above plinth level.Thermo-Mechanically Treated bars of grade Fe-500D or more	Kg	100	107.85	10,785.00
23	5.28	Providing and fixing in position 12 mm thick bitumen impregnated fiber board conforming to IS: 1838, including cost of primer, sealing compound Grade-A in expansion joints.	per cm depth per 100m	20	655.75	13,115.00
24	5.43	Providing and fixing in position Stainless steel Grade 304 plate-1.0 mm thick as per design for expansion joints. 200 mm wide.	metre	50	859.75	42,987.50
25	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	12	7132.25	85,587.00
26	6.13.2	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	20	1123.80	22,476.00
27	6.15	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry	sqm	20	104.80	2,096.00
28	6.4	Providing and laying Gypsum panel partitions 100 mm thick with water proof Gypsum panels of size 666x500x100 mm, made of calcite phosphor Gypsum fixed with tongue and groove edges and jointed with bonding plaster as per manufacturer's specifications in perstructure above plinth level up to floor V level. Gypsum blocks will have a minimum compressive strength of 9.3 kg/cm2	sqm	50	1023.60	51,180.00
29	8.6	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	sqm	50	506.70	25,335.00
30	11.56.1	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.Polished Granite stone slab	sqm	20	4481.30	89,626.00

		jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.				
31	9.9.1.1	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws.Second class teak wood : 35 mm thick	sqm	5	4940.20	24,701.00
32	9.23	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	sqm	5	462.35	2,311.75
33	9.21.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of black board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	sqm	25	2392.65	59,816.25
34	9.24.1	Extra for providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured):Rectangular or square	sqm	10	199.15	1,991.50
35	9.26	Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).	sqm	10	106.70	1,067.00
36	9.40.1.1	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete : 2nd class teak wood: 50x12 mm	metre	10	221.10	2,211.00
37	9.46.3	Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete : 25 mm dia	metre	50	525.55	26,277.50
38	9.48.1	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.Fixed to	kg	100	219.10	21,910.00

		steel windows by welding				
39	9.51.1	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all complete.With 2nd class teak wood beading 62X19 mm	sqm	10	1308.35	13,083.50
40	9.99	Providing and fixing 50 cm long aluminium kicking plate of size 100x3.15 mm, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete.	each	50	239.40	11,970.00
41	9.127.2	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality. 1.0 mm thick	sqm	25	897.30	22,432.50
42	9.141	Providing and fixing PVC Door Frame of size 50x47 mm with a wall thickness of 5 mm (± 0.2 mm), made out of single piece extruded PVC profile, with mitred cut joints and joint with 2 nos of PVC bracket of size 190 mm x 100 mm long arms of cross section size 35 x 15 mm & self driven self taping screws, the vertical door profiles to be reinforced with 40x20 mm M.S. rectangular tube of 0.8 mm , including providing EPDM rubber gasket weather seal throughout the frame, including jointing 5 mm PVC frame strip with PVC solvent cement on the back of the profile. The door frame to be fixed to the wall using 8 x100 mm long anchor fasteners complete, all as per manufacturer's specification and direction of Engineer -in- charge.	metre	25	573.45	14,336.25
43	9.142.2	35 mm thick factory made Solid panel PVC Door shutter, made out of single piece extruded soild PVC profiles, 5 mm (± 0.2 mm) thick, having styles & rails (except lock rail) of size 95 mmx 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side), having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power, including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each	sqm	10	4713.05	47,130.50

		corner. Single piece extruded 5 mm thick solid PVC Lock rail of size 115 mm x 35 mm, out of which 75 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 11 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's specification and direction of Engineerin-charge.Decorative finish (wood grained finish)				
44	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kg	200	133.70	26,740.00
45	10.5.1	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6 mm for diagonal braces	sqm	10	5804.35	58,043.50
46	10.7	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Providing and fixing ball bearing for rolling shutters.	each	20	492.35	9,847.00
47	10.14.1.1	Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge:Profile BFixing with adjustable lugs with split end tail to each jamb	metre	50	583.40	29,170.00
48	10.22	Welding by gas or electric plant including transportation of plant at site etc. complete.	Cum	1000	3.70	3,700.00

49	10.25.1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	kg	100	123.60	12,360.00
50	10.25.2	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	kg	500	172.60	86,300.00
51	10.26.1	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. M.S. tube	kg	200	196.80	39,360.00
52	10.30.1	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with :4.0 mm thick glass panes	sqm	10	1064.65	10,646.50
53	10.30.2	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 5.5 mm thick glass panes	sqm	10	1390.15	13,901.50
54	11.26.1	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	50	1948.25	97,412.50
55	11.27	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	sqm	30	2354.70	70,641.00
56	8.31	Providing and fixing Ist 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	sqm	200	1267.95	253,590.00

		matching shade complete.				
57	11.37A	Providing and fixing 1st quality ceramic glazed floor 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	200	1112.70	222,540.00
58	11.41.2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 600x600 mm	sqm	25	1553.45	38,836.25
59	12.21.1	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : In 75x75 mm deep chase	metre	50	305.15	15,257.50
60	12.22	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete	each	50	298.25	14,912.50
61	12.38.1	Providing and fixing M.S. holder bat clamps of approved design to C.I. or S.C.I. rain water pipes embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and cost of cutting holes and making good the walls etc. :100 mm diameter	each	50	362.85	18,142.50

62	12.41.1	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 75 mm diameter	metre	20	248.80	4,976.00
63	12.41.2	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter	metre	200	377.40	75,480.00
64	12.42.1.1	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.Coupler: 75 mm	each	25	91.70	2,292.50
65	12.42.1.2	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Coupler: 110 mm	each	25	136.15	3,403.75
66	12.42.2.1	Providing and fixing Single pushfit Coupler 75 mm	each	50	93.10	4,655.00
67	12.42.2.2	Providing and fixing Single pushfit Coupler 110 mm	each	50	127.60	6,380.00
68	12.42.5.1	Providing and fixing Bend 87.5° 75 mm bend	each	50	105.90	5,295.00
69	12.42.5.2	Providing and fixing Bend 87.5° 110 mm bend	each	50	150.35	7,517.50
70	12.42.6.1	Providing and fixing Shoe (Plain) 75 mm Shoe	each	50	93.10	4,655.00
71	12.42.6.2	Providing and fixing Shoe (Plain) 110 mm Shoe	each	50	131.85	6,592.50
72	12.43.1	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. 75 mm	each	100	369.85	36,985.00

73	12.43.2	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. 110 mm	each	75	371.30	27,847.50
74	12.44	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	each	50	54.70	2,735.00
75	12.45.1	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers,	sqm	100	1355.80	135580

		cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I				
76	12.47.1	Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866.The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified.2 mm thick corrugated (2.5" or 4.2" or 6") or step-down (2" or 3" or 6") as specified	sqm	50	1401.35	70,067.50
77	12.50.	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	sqm	100	738.65	73,865.00
78	12.52.1	Providing and fixing tiled false ceiling of specified materials of	sqm	150	1902.95	285,442.50

79		size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/ making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with alvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending. (refer to DSR 12.52 for complete specifications.)				
80	12.52.4	12.5 mm thick fully Perforated Gypsum Board tile made from plasterboard having glass fibre conforming to IS: 2095 part I, of size 595x595 mm, having perforation of 9.7x9.7 mm at 19.4 mm c/c with center borders of 48 mm and the side borders of 30 mm, backed with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.79, with 50 mm resin bonded glass wool backing.	sqm.	10	1528.00	15,280.00

81	12.53	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to from grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening"for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all Tsections shall be pre-painted with polyster baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge.Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/ opening (cut outs) having area less than 0.30 sqm.The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non- combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/mK.	sqm	50	2158.15	107,907.50
83	13.1.1	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	sqm	50	347.05	17,352.50
84	13.1.2	12 mm cement plaster of mix :1:6 (1 cement: 6 fine sand)	sqm	50	333.35	16,667.50

85	13.2.1	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	sqm	100	399.45	39,945.00
86	13.2.2	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	sqm	50	383.00	19,150.00
87	13.16.1	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	sqm	50	300.45	15,022.50
88	13.80	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	500	156.05	78,025.00
89	13.37.1	White washing with lime to give an even shade : New work (three or more coats)	sqm	32000	39.05	1,249,600.00
90	13.41.1	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	sqm	9500	185.65	1,763,675.00
91	13.46.1	Finishing walls with Acrylic Smooth exterior paint of required shade : 13.46.1 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	9500	160.60	1,525,700.00
92	13.99.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :One or more coats on old work	sqm	4500	102.80	462,600.00
93	14.1.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1 cement : 4 fine sand)	sqm	50	547.40	27,370.00
94	14.2.1	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts, embedding hold fasts in cement concrete blocks of size 15 x 10 x 10 cm with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge.Door chowkhats	each	10	1782.55	17,825.50

95	14.5.1	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: Float glass panes of thickness 4 mm	sqm	100	1090.65	109,065.00
96	14.5.2	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: Float glass panes of thickness 5.5 mm	sqm	100	1416.15	141,615.00
97	14.7.1	Renewing glass panes and refixing existing wooden fillets: Float glass panes of thickness 4 mm	Sqm	10	1227.30	12,273.00
98	14.9	Renewal of old putty of glass panes (length)	metre	100	56.15	5,615.00
99	14.10.	Refixing old glass panes with putty and nails	sqm	50	729.85	36,492.50
100	14.21	Renewing bottom rail and/or top runner of collapsible gate including making good all damages and applying priming coat of zinc chromate yellow primer of approved brand and manufacturer.	Kg	50	298.85	14,942.50
101	14.34	Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete.	Each	20	271.45	5,429.00
102	14.40.1	Providing and fixing chromium plated brass butt hinges with necessary chromium plated brass screws etc. complete. 125x70x4 mm (ordinary type)	Each	50	171.05	8,552.50
103	13.87.1	White washing with lime to give an even shade : Old work (two or more coats)	sqm	200	22.85	4,570.00
104	13.88	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	sqm	7500	19.75	148,125.00
105	13.91	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	sqm	2500	25.15	62,875.00
106	13.92.1	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Old work (one or more coats)	sqm	50	93.30	4,665.00
107	13.82.1	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. One coat	sqm	5000	92.00	460,000.00

108	14.18.1	Flush pointing with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement for flat tile bricks on top of mud phaska : With F.P.S. brick tiles	sqm	100	137.70	13,770.00
109	14.72	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineerin-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.	sqm	750	338.25	253,687.50
110	14.75A	Cleaning of terrace/loft water storage tank (inside surface area) upto 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank, including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba, all complete as per direction of Engineer-in-Charge. (The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account (Quaterly Cleaning 185000x4)	litre	90000	0.50	45,000.00
111	14.76	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge.	each	150	108.30	16,245.00

112	14.77	Cleaning of chocked sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning and partial desilting of manholes and dechocking of sewer lines. Dechocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150mm dia upto 300mm dia for all depth.	metre	2220	340.75	756,465.00
113	14.78	Cleaning of under ground sump, Over Head R.C.C. Tank (independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge. The cleaning shall consist following operations:(i) Tank shall be emptied of water by pumping & bottom shall be cleaned of slit and other deposits. (ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water. (iii) Chlorination of RCC internal surface by liquid chlorine. (iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface. (v) Finally the surface shall be treated with ultraviolet radiation etc. as per direction of Engineer-in-Charge.(quaterly Cleaning 2132x40)	sqm	7600	84.85	644,860.00
114	14.79	Disconnecting damaged overhead/terrace PVC water storage tank of any size from water supply line and removing from the terrace including shifting at ground level as per direction of Engineer-in- charge.	each	2	433.75	867.50
115	14.80.1	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge. Long pattern W.C Pan of size 580x440 mm	Each	10	3501.70	35,017.00
116	14.80.2	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge.Orissa pattern W.C Pan of size	each	10	4478.75	44,787.50

		580x440 mm				
117	14.82	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in- Charge.	each	10	134.10	1,341.00
118	15.2.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	cum	3	1503.60	4,510.80
119	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge.	cum	10	3551.25	35,512.50
120	15.7.4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	cum	10	2060.20	20,602.00
121	15.12.2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : of area beyond 3 sq. metres	each	10	502.75	5,027.50
122	15.13.2	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead of area beyond 3 sq. metres	each	10	188.90	1,889.00
123	15.18	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	kg	1000	5.65	5,650.00
124	15.23.1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	sqm	360	113.35	40,806.00
125	15.27	Demolishing mud phaska in terracing and disposal of material within 50 metres lead.	cum	10	914.30	9,143.00
126	15.51	Dismantling of road gully chamber of various sizes including C.I. grating with frame including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead including refilling the excavated gap.	each	10	958.75	9,587.50

127	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	sqm	500	54.65	27,325.00
128	15.60.	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	cum	200	263.95	52,790.00
129	16.68	Providing and laying 60mm thick faciory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved s;ze, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	sqm	100	972.00	97,200.00
130	16.69	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	cum	10	10117.60	101,176.00
131	21.1.1.2	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Powder coated aluminium	kg	500	530.90	265,450.00

		(minimum thickness of powder coating 50 micron)				
132	21.1.2.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	kg	200	634.45	126,890.00
133	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid	sqm	50	1505.25	75,262.50
134	21.2.1	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer-in-charge. Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	sqm	100	1139.30	113,930.00
135	21.4.1	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. With stainless steel cover plate minimum 1.25 mm thickness	each	50	2823.85	141,192.50

136	21.17	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	kg	100	638.35	63,835.00
137	22.14.1	Grading roof for water proofing treatment with Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	cum	5	8042.30	40,211.50
138	17.7B	Providing and fixing wash basin with C.I. brackets, 15 mm PTMT pillar cock, 32 mm PTMT waste coupling of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required. White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm PTMT pillar cock.	each	10	1550.60	15,506.00
139	17.10.2.1	Providing and fixing Stainless Steel A ISi 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : 610x510 mm bowl depth 200 mm	each	5	4940.80	24,704.00
140	17.11.1	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required : Size 450x300x150 mm	each	5	5020.85	25,104.25
141	17.37.1	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. : For 100 mm dia pipe	each	5	362.85	1,814.25

142	17.37.2	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. : For 75 mm dia pipe	each	5	360.00	1,800.00
143	17.78	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	each	2	14999.15	29,998.30
144	18.7.3	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 25 mm nominal dia Pipes	metre	250	401.55	100,387.50
145	18.7.4	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	50	518.75	25,937.50
146	18.7.5	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 40 mm nominal dia Pipes	metre	350	702.95	246,032.50

147	18.8.1	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.15 mm nominal outer dia Pipes	metre	50	497.80	24,890.00
148	18.8.2	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.20 mm nominal outer dia Pipes	metre	25	537.60	13,440.00
149	18.8.3	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 outer dia Pipes	metre	25	627.25	15,681.25
150	18.34.1	Constructing masonry Chamber 90x90x100 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design : With common burnt clay F.P.S.(non modular)	each	2	18896.70	37,793.40

		bricks of class designation 7.5				
151	18.48A	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. Circular tank	per litre	3000	11.00	33,000.00
152	19.20.	Supplying and fixing C.I. cover 300x300 mm without frame for gully trap (standard pattern) the weight of cover to be not less than 4.5 kg	each	10	787.00	7,870.00
153	19.19.2.1	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality M D - 10Square shape 450 mm internal dimension	each	100	1386.55	138,655.00
154	22.22A	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.	30	563.10	16,893.00

155	16.60	Manufacturing, supplying and fixing retro reflective overhead signage boards made up of 2 mm thick aluminium sheet, face to be fully covered with high intensity and encapsulated lens type heat activated retro reflective sheeting conforming to type - III of ASTM-D-4956-01 as approved by Engineer-in-charge, letters, borders etc. as per IRC : 67-2001 in silver white with blue colour back ground and with high intensity grade, pasted on substrate by pressure sensitive adhesive backing which shall be activated by applying pressure conforming to class II of ASTM-D-4956-01 and fixing the same to the plate of structural frame work by means of suitable sized aluminium alloys, rivets or bolts & nuts @ 300 mm centre to centre all along the periphery as well as in two vertical rows along with theft resistant measures, including the cost of painting with two or more coats of epoxy paint in grey colour on the back side of aluminium sheet including appropriate priming coat. The rate includes the cost of rounding off the corners, lowering down the structural frame work from the gantry, fixing and erecting the same in position all completeas per drawings, specification and direction of the engineer-incharge.(Structural frame work including M.S. plate to be provided separately. Rectangular area of the sheet only shall be measured for payment).16.60.1 Overhead informatory road signage	Sqm.	3	5879.90	17,639.70
156	21.18	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc.complete.	Sqm.	10	5325.90	53,259.00
157	21.15.1	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete.Anodized (AC 15) aluminium	each	20	89.40	1,788.00
158	21.15.2	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete. Powder coated minimum thickness 50 micron aluminium	each	20	97.95	1,959.00
159	21.15.3	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete. Polyester powder coated minimum thickness 50 micron aluminium	each	20	95.10	1,902.00

160	21.16.1	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete.Anodized (AC 15) aluminium	each	20	107.90	2,158.00
161	21.16.2	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. Powder coated minimum thickness 50 micron aluminium	each	20	109.30	2,186.00
162	21.16.3	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. Polyester powder coated minimum thickness 50 micron aluminium	each	20	112.15	2,243.00
163	9.100.1	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm	each	20	66.25	1,325.00
164	9.101.1	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.Single rubber stopper	each	15	39.60	594.00
165	9.97.1	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :300x10 mm	each	15	130.10	1,951.50
166	9.97.2	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :250x10 mm	each	10	115.15	1,151.50
167	9.97.3	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :200x10 mm	each	10	99.70	997.00
168	9.97.4	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :150x10 mm	each	10	82.55	825.50
169	9.97.5	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :100x10 mm	each	10	64.70	647.00

170	9.96.1	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :300x16 mm	each	10	303.25	3,032.50
171	9.96.2	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :300x16 mm	each	10	260.60	2,606.00
172	9.66.1	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete :125 mm	each	10	39.95	399.50
173	9.66.2	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete :100 mm	each	10	32.55	325.50
174	9.66.3	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete :75 mm	each	10	29.70	297.00
175	9.63.1	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete :250x10 mm	each	10	83.90	839.00
176	9.63.2	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete :150x10 mm	each	10	69.40	694.00
177	9.63.3	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete :100x10 mm	each	10	59.45	594.50
178	9.63.4	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete :250x10 mm	each	10	44.30	443.00
179	9.62.1	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :300x16 mm	each	10	216.55	2,165.50
180	9.62.2	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :250x16 mm	each	10	193.70	1,937.00

181	22.1	Providing and laying integral cement based treatment for water proofing on horizontal surface at all depth below ground level for under ground structures as directed by Engineer-in-Charge and consisting of : (i) Ist layer of 22 mm to 25 mm thick approved and specified rough stone slab over a 25 mm thick base of cement mortar 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound conforming to IS:2645 in the recommended proportion over the leveling course (leveling course to be paid separately). Joints sealed and grouted with cement slurry mixed with water proofing compound. (ii) 2nd layer of 25 mm thick cement mortar 1:3 (1 cement: 3 coarse sand) mixed with water proofing compound in recommended proportions. (iii) Finishing top with stone aggregate of 10 mm to 12 mm nominal size spreading @ 8 cudm/sqm thoroughly embedded in the 2nd layer. 22.1.1 Using rough kota stone.	sqm	10	1515.60	15,156.00
182	22.2	Providing and laying integral cement based treatment for water proofing on the vertical surface by fixing specified stone slab 22 mm to 25 mm thick with cement slurry mixed with water proofing compound conforming to IS:2645 in recommended proportions with a gap of 20 mm (minimum) between stone slabs and the receiving surfaces and filling the gaps with neat cement slurry mixed with water proofing compound and finishing the exterior of stone slab with cement mortar 1:3 (1 cement : 3 coarse sand) 20 mm thick with neat cement punning mixed with water proofing compound in recommended proportion complete at all levels and as directed by Engineer-in-charge : 22.2.1 Using rough Kota stone	sqm	10	2024.70	20,247.00
183	13.48.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	sqm	20	170.70	3,414.00
184	8.32	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc	sqm	100	5015.05	501,505.00
185	9.88	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of	each	15	998.35	14,975.25

		approved quality with necessary screws etc. complete.				
186	13.52.1	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.	sqm	1500	241.75	362,625.00
187	13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	sqm	2000	67.40	134,800.00
188	5.18.2	Providing precast cement concrete Jali 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 6mm nominal size), reinforced with 1.6 mm dia mild steel wire, including centering and shuttering, roughening cleaning, fixing and finishing in cement mortar 1:3 (1 cement: 3 fine sand) etc. complete, excluding plastering of the jambs, sills and soffits.Cement Concrete Jali 40 mm thick	sqm	10	1706.55	17,065.50
189	18.7.2	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 20 mm nominal dia Pipes	metre	200	335.00	67,000.00
190	9.1.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).	cum	10	142949.70	1,429,497.00
191	13.26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	sqm	1000	262.70	262,700.00
192	13.44.1	Finishing walls with water proofing cement paint of required shade (Two or more coats applied @ 3.84 kg/10 sqm)	sqm	1000	116.90	116,900.00
		Total				15,965,551.20
		As per CPWD letter no. 158/SE(TAS)/GST/2024/02-E dated : 08.08.2024, correction factor on existing items of the DSR 2023 is @ 0.973				15,534,481.32
		TOTAL				**15,534,481.32**
		COST INDEX rate on BOQ items as per cpwd office memoredum dated 17/06/2025 add CI @ 3%				**466,034.44**

	TOTAL	**16,000,515.76**
	Grand total	**16,000,515.76**

Civil Material						
Item No	**DSR 2023 ref**	**Description**	**Unit**	**Qty**	**Rate**	**DSR Amount**
1	293	Stone Aggregate (Single size) : 40 mm nominal size	cum	3	1400.00	4200.00
2	294	Stone Aggregate (Single size) : 25 mm nominal size	cum	3	1400.00	4200.00
3	295	Stone Aggregate (Single size) : 20 mm nominal size	cum	10	1425.00	14250.00
4	296	Stone Aggregate (Single size) : 12.5 mm nominal size	cum	10	1400.00	14000.00
5	297	Stone Aggregate (Single size) : 10 mm nominal size	cum	10	1400.00	14000.00
6	367	Portland Cement (OPC-43 Grade)	kg	1000	5.16	5156.00
7	368	White Cement	kg	1000	10.50	10500.00
8	593	C.P. Brass Extension Nipple (1/2"x2" size)	each	100	46.00	4600.00
9	635	Bright finished or black enameled mild steel screws 50 mm	each	1500	0.80	1200.00

10	637	Bright finished or black enameled mild steel screws 40 mm	each	1500	0.62	930.00
11	696	Anodised Aluminium sliding door bolt 300x16 mm	each	200	160.00	32000.00
12	697	Anodised Aluminium sliding door bolt 250x16 mm	each	200	130.00	26000.00
13	698	Anodised Aluminium tower bolt (barrel type) 300x10 mm	each	200	61.00	12200.00
14	699	Anodised Aluminium tower bolt (barrel type) 250x10 mm	each	200	50.50	10100.00
15	0700	Anodised Aluminium tower bolt (barrel type) 200x10 mm	each	200	40.00	8000.00
16	0701	Anodised Aluminium tower bolt (barrel type) 150x10 mm	each	200	32.00	6400.00
17	703	Anodised Aluminium handles 125 mm with plate 175 x 32 mm	each	100	33.50	3350.00
18	0704	Anodised Aluminium handles 100 mm with plate 150 x 32 mm	each	100	29.00	2900.00
19	0713	Block board Flush Door with teak wood ply on both side 35 mm thick	Sqm	10	1860.00	18600.00
20	982	Coarse sand (zone III)	cum	15	1450.00	21750.00
21	983	Fine sand (zone IV)	cum	10	980.00	9800.00
22	1213	Water Proofing material	kg	100	45.00	4500.00
23	1219	. Wire nails kilogram	kg	20	58.00	1160.00
24	1245	Acid for cleaning titles	Litre	150	20.00	3000.00
25	1248	Epoxy based sealing Compound	kg	10	535.00	5350.00
26	1301	Bleaching powder	kg	100	17.00	1700.00
27	1309	C.I. bracket for wash basin and sinks	Pair	50	95.00	4750.00

28	1313	8 mm dia C.P. Brass/ S.S. Jet with flexible tube upto 1 metre long with S.S. traingular plate for Eureopean type W.C.(Hindware/ Kingston/Prima/Parko/Marc)	each	20	220.00	4400.00
29	8636	CPVC Pipe 15mm outer dia	mtr.	200	43.00	8600.00
30	8637	CPVC Pipe 20mm outer dia	mtr.	100	59.00	5900.00
31	8638	CPVC Pipe 25mm outer dia	mtr.	100	95.00	9500.00
32	8641	CPVC Pipe 50mm outer dia	mtr.	75	325.00	24375.00
33	7188	U-PVC pipes (working pressure 4 kg / cm^2) Single socketed pipe 75 mm dia	mtr.	120	74.00	8880.00
34	7189	U-PVC pipes (working pressure 4 kg / cm^2) Single socketed pipe 110 mm dia	mtr.	200	142.00	28400.00
35	7497	PTMT Ball Cock 25mm complete with Epoxy Coated Aluminium Rod & H.D. Ball	Each	60	295.00	17700.00
36	7406	PTMT pillar cock	Each	25	157.00	3925.00
37	1364	C.I Grating 100X100mm	each	25	40.00	1000.00
38	1689	Unplasticised P.V.C. Connection pipe with brass union 45 cm long 15mm bore	each	150	38.00	5700.00
39	1875	White plastic seat (solid) with lid C.P. brass hinges and rubber buffers	each	75	451.00	33825.00
40	1878	Shower rose C.P. brass for 15 to 20 mm inlet 100 mm dia	each	25	121.00	3025.00
41	1889	C.P. brass toilet paper holder of standard size	each	25	308.00	7700.00
42	1936	Gunmetal non-return valve-horizontal (screwed end) 50 mm dia	each	15	924.00	13860.00
43	1949	Vitreous china angle back Wash Basin 600x480mm	Each	15	798.00	11970.00

44	2464	Anodised Aluminium pull bolt lock (locking bolt) of size 85 mm x 42 mm with screws, bolts, nuts and washers complete	each	10	49.00	490.00
45	2481	Ply wood 5 ply with teak ply on one face and commercial ply on another face 9 mm thick.	Sqm	25	908.00	22700.00
46	7113	Rectangular shape 453x357 mm Mirror with Plastic moulded frame	each	50	307.00	15350.00
47	7119	Flexible (coil shaped) PVC waste pipe for sink and wash basin 32 mm dia with length not less than 700 mm i/c PVC waste fittings	each	300	38.00	11400.00
48	7120	Flexible (coil shaped) PVC waste pipe for sink and wash basin 40 mm dia with length not less than 700 mm i/c PVC waste fittings	each	50	38.00	1900.00
49	7493	PTMT - Bottle Trap 31/32 mm	each	50	212.00	10600.00
50	7494	PTMT - Bottle Trap 38/40 mm	each	35	218.00	7630.00
51	7126	White Vitreous china 10 litre (full flush) capacity controlled low level flushing cistern with all fittings	each	20	730.00	14600.00
52	7259	C.P. Brass long body bibcock 15 mm	each	25	530.00	13250.00
53	7261	C.P. Brass angle valve 15 mm	each	40	378.00	15120.00
54	7358	Flushing Cistern P.V.C. 10 litre capacity (low level) (White) (with fittings, accessories and flush pipe)	each	20	621.00	12420.00
55	7359	P.V.C. automatic flushing cistern 5 litre capacity	each	15	477.00	7155.00
56	7363	15 mm C.P. brass tap with elbow operation lever	each	10	464.00	4640.00
57	7388	Dash hold fastener 12.5mm dia, 50 mm long with 6 mm dia bolt	each	50	10.00	500.00

58	7394	Double action hydraulic floor spring with stainless steel cover plate	each	20	1615.00	32300.00
59	7400	15 mm PTMT bib cock	each	100	70.00	7000.00
60	7402	15 mm PTMT bib cock long body with flange	each	50	106.00	5300.00
61	7403	15 mm dia PTMT stop cock (male thread)	each	50	65.00	3250.00
62	7405	20 mm dia PTMT stop cock	each	10	73.00	730.00
63	7407	PTMT push cock 15 mm dia each	each	25	61.00	1525.00
64	7411	C.P 125 mm grating with waste hole	each	25	27.00	675.00
65	7491	PTMT - Waste Coupling 31/32 mm	each	50	35.00	1750.00
66	7492	PTMT - Waste Coupling 38/40 mm	each	50	40.00	2000.00
67	7509	PTMT Soap Dish/Holder 138x102x75 mm	each	25	63.00	1575.00
68	7801	Ceramic Glazed Tiles 1st quality 300 x 300 mm in all shades and designs of White, Ivory, grey, Fume Red brown etc.	sqm	560	200.00	112000.00
69	8212	Stainless steel screws 30 mm	each	1000	2.55	2550.00
70	8214	Stainless steel screws 20 mm	each	1000	1.75	1750.00
71	8223	M.S. heavy weight butt hinges 100x75x3.5 mm IS: 1341 marked	each	100	20.00	2000.00
72	8589	Calcium Silicate tegular edged celling tiles 495x495 mm and 15 mm thick on edges	sqm	75	822.00	61650.00
73	8597	Providing and fixing Gi Metal Tile Clip in Plain Beveled edge global white colour tiles of size 600x600 mm and 0.5 mm thick	sqm	50	793.00	39650.00
74	8602	Gypsum Tiles Fully Perforated Square edge of Size 595x595 mm and 12.5 mm thick false ceiling	Sqm	40	450.00	18000.00
75	8724	12 mm thick marine plywood conforming to IS: 710	sqm	20	785.00	15700.00
76	1926	20 mm dia Gunmetal gate valve with wheel	Each	15	358.00	5370.00

77	1649	Providing Polyethylene water storage tank with cover and suitable locking arrangement	liter	15000	6.50	97500.00
78	2609	MS Brackets/Aluminium Alloy Brackets	kg	20	107.00	2140.00
79	7121	Bottle Trap	Each	20	682.00	13640.00
80	7257	C.P. Brass bibcock 15 mm	Each	20	330.00	6600.00
81	7260	C.P. Brass stop cock 15 mm	Each	20	445.00	8900.00
82	7495	ball cock 15mm	each	25	79.00	1975.00
83	1700	R.C.C. pipes NP2 class 100 mm dia	meter	20	220.00	4400.00
84	7406	PTMT pillar cock	Each	50	125.00	6250.00
85	7496	PTMT Ball Cock 20mm complete with Epoxy Coated Aluminium Rod & H.D. Ball	Each	20	120.00	2400.00
86	7508	PTMT - Urinal Spreader 15 mm	each	15	60.00	900.00
87	7504	PTMT - Towel Ring 215x200x37 mm	each	20	117.00	2340.00
88	7505	PTMT - Towel Rail (450 mm long)	each	15	132.00	1980.00
89	1956	Bolts and nuts 16 mm dia 60 mm long	Each	18	12.00	216.00
90	1392	Mirror of superior make glass 60x45 cm	each	18	450.00	8100.00
91	1885	15 mm C.P. brass tap	each	20	297.00	5940.00
92	3229	Vitreous china flat back wash basin 550x400 mm	each	10	554.00	5540.00
93	1954	Vitreous china orrisa type W.C. pan size 580 mm	each	15	1350.00	20250.00
94	7188	upvc pipe 75 mm	meter	100	74.00	7400.00
95	1023	galvnised J or L hook	nos	10	13.00	130.00
96	7764	M.s socket 100 mm dia	each	15	140.00	2100.00
97	2602	Common burnt clay F.P.S. (non modular) bricks class designation 7.5	1000 nos	1000	4.72	4724.00
98	7096	Stainless steel kitchen sink - with drain board 510 x 1040 mm bowl depth 225 mm	each	5	3600.00	18000.00

99	7118	Semi Rigid PVC waste pipe for sink and wash basin 40 mm dia with length not less than 700 mm i/c PVC waste fittings	each	200	36.00	7200.00
100	7804	Rectified Ceramic Glazed Tiles 1st quality in all shades designs except White, Ivory, Grey, Fume Red Brown etc.	sqm	30	550.00	16500.00
101	8621	floor tile 600x600 mm	sqm	75	560.00	42000.00
102	8668	2 mm thick Frp sheet	sqm	15	588.00	8820.00
103	555	Chromium plated Brass handles 125 mm with plate 175 x32 mm	each	15	152.00	2280.00
104	556	Chromium plated Brass handles 100 mm with plate 150 x 32 mm	each	15	135.00	2025.00
105	558	Chromium plated Brass mortice latch and lock 100x65 mm with 6 levers and a pair of brass lever handles	each	15	541.00	8115.00
106	589	Chromium plated Brass screws 20 mm	100 nos	100	1.52	152.00
107	590	Chromium plated Brass curtain rod 12 mm dia 1.25mm thick	metre	30	178.00	5340.00
108	594	Bright finished or black enameled mild steel butt hinges 125x65x 2.12 mm	10 nos	10	122.00	1220.00
109	595	Bright finished or black enameled mild steel butt hinges 100x58x 1.90 mm	10 nos	10	80.00	800.00
110	639	Bright finished or black enameled mild steel screws25 mm	100 nos	100	0.42	42.00
111	638	Bright finished or black enameled mild steel screws 30 mm	100 nos	100	0.48	48.00

112	642	Oxidised mild steel butt hinges 125x65x2.12 mm	10 nos	10	135.00	1350.00
113	643	Oxidised mild steel butt hinges 100x58x1.90 mm	10 nos	10	96.00	960.00
114	660	Oxidised mild steel sliding door bolt 300x16 mm	each	20	100.00	2000.00
115	661	Oxidised mild steel sliding door bolt 250x16 mm	each	18	85.00	1530.00
116	662	Oxidised mild steel door latch 300x20x6 mm	each	15	55.00	825.00
117	663	Oxidised mild steel door latch 250x20x6 mm	each	15	42.00	630.00
118	664	Oxidised mild steel tower bolt (barrel type) 250x10 mm	each	50	45.00	2250.00
119	665	Oxidised mild steel tower bolt (barrel type) 200x10 mm	each	20	36.00	720.00
120	668	Oxidised mild steel handles 125 mm	each	50	21.00	1050.00
121	669	Oxidised mild steel handles 100 mm	each	50	16.00	800.00
122	686	Oxidised mild steel screws 20 mm	100 nos	100	33.00	3300.00
123	685	Oxidised mild steel screws 25 mm	100 nos	100	39.00	3900.00
124	869	Plaster of paris	kg	100	7.00	700.00
125	2406	Float glass sheet of nominal thickness 4 mm (weight not less than 10 kg/sqm)	sqm	10	321.00	3210.00
126	7029	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	sqm	20	260.00	5200.00
127	8011	Factory made door frame PVC extruded sheet i/c carriage	metre	15	295.00	4425.00
128	7003	Pair of Anodised Aluminium lever handles for 100 mm mortice latch and lock	each	18	237.00	4266.00
129	2634	GI/Aluminium Sheet (0.8 mm thick)	kg	10	56.00	560.00
130	1352	C.I. cover and frame 300x300 mm inside	each	12	525.00	6300.00

131	455	Stainless steel SS grade 304, curtain rod 25 mm dia 1.20mm thick	mtr.	100	187.00	18700.00
132	4202	Red oxide Zinc chromate primer	ltr	150	140.00	21000.00
133	1007	Structural steel such as tees, angles channels and R.S. joists	quintal	1	5965.00	5965.00
134	8227	Stainless steel fancy handle	10 nos	10	115.00	1150.00
135	7076	Battery based infrared sensor operated white Vitreous Urinal of aprox. size 610x390x370 mm	each	10	4770.00	47700.00
136	4204	hydrochl Acid	kg	200	40.00	8000.00
137	9001	CP brass counter basin Mixture Set	Nos.	15	1760.00	26400.00
138	1924	H.P OR L.P Brass Ball Valve 25MM	Nos.	100	253.00	25300.00
139	8215	S.S. Hing 5"	Nos.	10	38.80	388.00
140	8216	S.S. Hing 4"	Nos.	60	35.00	2100.00
141	7121	CP bottle trap 32mm	Nos.	50	682.00	34100.00
142	2609	MS Brackets/Aluminium Alloy Brackets	kg	5	107.00	535.00
143	2627	SS Screws - # 8 x 19	each	3000	8.00	24000.00
144		**Total**				**1461167.00**
145		**Add Cartage @ 1%**				**14611.67**
146		**Total(I)**				**1475778.67**
147		**Add Contractor Profiot @ 15%, Then Total**				**1697145.47**
148		**Add labour cess @ 1 % then total**				**1714116.93**
149		**Add GST @ 18 % then total**				**2022657.97**
150		**Gross Total(II)**				**2022657.97**

151		**COST INDEX rate on BOQ items as per cpwd office memoredum no-68/Se(TAS)/CI/2022/467-Hindi dated 16/11/2022 add CI @3 %**				**60679.74**
152		**Grand total**				**2083337.71**
153		**Hence correction factor on existing items of the DSR -2023then total civil material amount**		0.973		**2027087.6**

ARM Electrical Items for 2025 - 26 for ESIC Medical College & Hospital at Noida UP						
Electrical Work						
(1) Annual Repair/Maintenance for HT Equipments and Electrical Installation						
Sl. no	**Ref. DSR 2025/ NDSR**	**Description**	**Unit**	**Total Quantity**	**Unit Rate**	**Total Amount**
		A. DSR ITEMS				
		SH-1-Wiring, Lights, Fans, and Other Electrical installations				

1	1.59	Dismantling of ceiling fan and painting the same with one or more coats of spray painting with synthetic enamel paint of approved brand and manufacture to give an even shade, including cleaning of surface with detergent and replacing the damaged rubber reel, nuts and bolts with washers and safety pins, re-installing the same as required.	Each	20.00	324.00	6480.00
		SH-2- Electrical Installation LT/HT				
2	2.3	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc.as required. (But without MCB/RCCB/Isolator)				
	2.3.1	6 way, Double door	Each	1.00	2390.00	2390.00
	2.3.2	8 way, Double door	Each	1.00	2773.00	2773.00
	2.3.3	12 way, Double door	Each	1.00	2871.00	2871.00
3	2.4	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/ Isolator)				
	2.4.1	4 way (4 + 12), Double door	Each	2.00	4377.00	8754.00
	2.4.2	6 way (4 + 18), Double door	Each	2.00	5299.00	10598.00
	2.4.3	8 way (4 + 24), Double door	Each	2.00	6337.00	12674.00
		SH-3 - Earthings				

4	5.2	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.	set	3.00	7658.00	22974.00
5	5.4	Earthing with **G.I. earth plate** 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	set	3.00	8351.00	25053.00
6	5.6	Earthing with **copper earth plate** 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required	set	2.00	15004.00	30008.00
7	5.10	Supplying and laying 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	3.00	1638.00	4914.00
8	5.11	Providing and fixing 25 mm X 5 mm **G.I. strip** in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	metre	5.00	755.00	3775.00
9	5.15	Providing and fixing 25 mm X 5 mm **G.I. strip** on surface or in recess for connections etc. as required.	metre	50.00	287.00	14350.00
10	5.18	Providing and fixing 6 SWG dia **G.I. wir**e on surface or in recess for loop earthing along with existing surface/ recessed conduit / sub-main wiring/ cable as required.	metre	100.00	50.00	5000.00
		SH-4 - LAYING OF HT/LT CABLE and TERMINATION				

11	10.1	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.				
	10.1.1	Upto 35 sq.mm	metre	60.00	453.00	27180.00
	10.1.2	Above 35 sq.mm and upto 95 sq.mm	metre	50.00	475.00	23750.00
	10.1.3	Above 95 sqmm and upto 185 sq.mm	metre	25.00	497.00	12425.00
	10.1.4	Above 185sq.mm and upto 400sq.mm	metre	25.00	564.00	14100.00
12	10.5	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size in the existing RCC/ HUME/ METAL pipe as required.				
	10.5.1	Upto 35sq.mm	metre	66.00	47.00	3102.00
	10.5.2	Above 35 sq.mm and upto 95 sq.mm	metre	40.00	72.00	2880.00
	10.5.3	Above 95 sqmm and upto 185 sq.mm	metre	17.00	97.00	1649.00
	10.5.4	Above 185sq.mm and upto 400sq.mm	metre	15.00	170.00	2550.00
13	10.7	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
	10.7.1	Upto 35 sq.mm (clamped with 1mm thick saddle)	metre	100.00	64.00	6400.00
	10.7.2	Above 35 sq.mm and upto 95 sq.mm(clamped with 25x3mm MS flat camp	metre	50.00	151.00	7550.00
	10.7.3	Above 95 sqmm and upto 185 sq.mm(clamped with 25/40x3mm MS flat clamp	metre	25.00	180.00	4500.00
	10.7.4	Above 185sq.mm and upto 400sq.mm(clamped with 40x3mm MS flat clamp)	metre	25.00	271.00	6775.00

14	11.1	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
	11.1.22	3.5 Core x 50 sqmm	Each	10.00	484.00	4840.00
	11.1.24	3.5 Core x 95 sqmm	Each	10.00	684.00	6840.00
	11.1.27	3.5 Core x 185 sqmm	Each	10.00	1001.00	10010.00
	11.1.33	4 core x 16 sqmm	Each	20.00	366.00	7320.00
	11.1.34	4 core x 25 sqmm	Each	20.00	373.00	7460.00
15	11.4	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
	11.4.18	3.5 Core x 35 sqmm	Each	3.00	2698.00	8094.00
	11.4.19	3.5 Core x 50 sqmm	Each	3.00	2698.00	8094.00
	11.4.20	3.5 Core x 70 sqmm	Each	3.00	3623.00	10869.00
	11.4.21	3.5 Core x 95 sqmm	Each	3.00	3819.00	11457.00
	11.4.22	3.5 Core x 120 sqmm	Each	3.00	4886.00	14658.00
	11.4.23	3.5 Core x 150 sqmm	Each	3.00	4886.00	14658.00
	11.4.24	3.5 Core x 185 sqmm	Each	3.00	4886.00	14658.00
16	23.4	Supplying and making **indoo**r cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of **11 KV** grade as required :				
	23.4.2	120 sq mm	Each	2.00	15989.00	31978.00

17	23.5	Supplying and making **outdoor** cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of **11 KV** grade as required :				
	23.5.2	120 sq mm	Each	2.00	21351.00	42702.00
18	23.6	Supplying and making **straight through** cable jointing with heat shrinkable jointing kit complete with all accessories including ferrules suitable for following size of 3 core, XLPE aluminium conductor cable of **11 KV** grade as required.				
	23.6.2	120 sq mm	Each	2.00	40144.00	80288.00
19	23.8	Supplying and making **indoor** cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of **33 KV** grade as required :				
	23.8.3	240 sq mm	Each	3.00	75301.00	225903.00
20	23.7	Supplying and making **outdoor** cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for following size of 3 core, XLPE aluminium conductor cable of **33 KV** grade as required :				
	23.7.3	240 sq mm	Each	5.00	36190.00	180950.00
21	30.7.1	BUTTERFLY VALVE (MANUAL) with C I body SS Disc, Nitrile Rubber Seal & O- Ring PN 16 pressure rating for chilled water/hot eater circulation as specified without Ensulation				
	30.7.1.2	150mm dia.	Each	2.00	9272.00	18544.00
	30.7.1.3	125mm dia.	Each	2.00	8505.00	17010.00
	30.7.1.4	100mm dia.	Each	2.00	7482.00	14964.00
	30.7.1.5	80mm dia.	Each	5.00	5419.00	27095.00

	30.7.1.6	65mm dia.	Each	5.00	5086.00	25430.00
	30.7.1.7	50mm dia.	Each	5.00	4627.00	23135.00
22	30.2	INSULATED CHILLED WATER PIPING (Nitrile rubber insulation) ; Supplying, laying/ fixing, testing and commissioning of following nominal sizes of chilled water piping inside the building (with necessary clamps, vibration isolators and fittings but excluding valves, strainers, gauges etc.) duly insulated with following closed cell elastometric nitrile rubber of minimum 45 Kg / cu m density, thermal conductivity 0.037 W/MK or better at 20 deg mean temperature class 'O' insulation applied by suitable adhesive complete including repairing of damage to building etc. as per specifications and as required complete in all respect. Note:- The Pipes of sizes 150mm & below shall be M.S. 'C' class as per IS : 1239 and pipes size above 150mm shall be welded black steel pipe heavy class as per IS: 3589, from minimum 6.35mm thick M.S. Sheet for pipes upto 350 mm dia. and from minimum 7mm thick MS sheet for pipes of 400 mm dia and above.				
	30.2.5	200mm dia.(32 mm thick insulation)	Metre	2.00	7467.00	14934.00
	30.2.6	150mm dia. (32 mm thick insulation)	Metre	2.00	5089.00	10178.00
	30.2.7	125mm dia.(32 mm thick insulation)	Metre	2.00	4456.00	8912.00
	30.2.8	100mm dia. (32 mm thick insulation)	Metre	2.00	3556.00	7112.00
	30.2.9	80mm dia.(32 mm thick insulation)	Metre	2.00	2656.00	5312.00
	30.2.10	65mm dia(32 mm thick insulation)	Metre	2.00	2139.00	4278.00
	30.2.11	50mm dia(32 mm thick insulation)	Metre	32.00	1859.00	59488.00
	30.2.12	40mm dia. (32 mm thick insulation)	Metre	2.00	1510.00	3020.00
	30.2.13	32 mm dia(19 mm thick insulation)	Metre	2.00	1321.00	2642.00
	30.2.14	25 mm dia(19 mm thick insulation)	Metre	20.00	1110.00	22200.00

23	30.7.4	Y - STRAINER of Ductile CI Body flanged ends with stainless steel strainer for chilled / hot water circulation including insulation as specified.				
	30.7.4.5	80 mm dia	Each	5.00	10661.00	53305.00
	30.7.4.6	65mm dia.	Each	5.00	8644.00	43220.00
	30.7.4.7	50mm dia	Each	2.00	6459.00	12918.00
	30.7.4.8	40mm dia.	Each	2.00	4836.00	9672.00
		INSULATION ON EXISTING PIPE				
24	30.5	Supplying, laying, fixing, testing and commissioning of following thickness closed cell elastrometric nitrile rubber of class 'O' applied by suiatable adhesive, as per specifications and as required complete in all respect.				
	30.5.1	32mm	sq m	5.00	1203.00	6015.00
	30.5.2	19mm	sq m	5.00	724.00	3620.00
		INSULATED VALVES				
25	30.7	Supplying, fixing, testing and commissioning of following valves, strainers, gauges in the chilled water plumbing duly insulated to the same specifications as the connected piping and adequately supported as per specifications.				
	30.7.1	BUTTERFLY VALVE (MANUAL) with C I body SS Disc, Nitrile Rubber Seal & O- Ring PN 16 pressure rating for chilled water/hot eater circulation as specified				
	30.7.1.5	80mm dia	Each	5.00	5419.00	27095.00
	30.7.1.6	65mm dia	Each	3.00	5086.00	15258.00
	30.7.1.7	50mm dia.	Each	5.00	4627.00	23135.00
	30.7.1.8	40mm dia	Each	5.00	3906.00	19530.00

26	30.7.2	BALANCING VALVE WITH BUILT IN MEASURING FACILITY with C I body flanged construction with EPDM coated disc with long pitch with protected out pipe insulation & PN 16 pressure rating for chilled / hot water circulation as specified.				
	30.7.2.4	100mm dia	Each	4.00	21226.00	84904.00
	30.7.2.5	80mm dia.	Each	4.00	14722.00	58888.00
	30.7.2.6	65 mm dia	Each	4.00	13202.00	52808.00
	30.7.2.7	50mm dia.	Each	4.00	11524.00	46096.00
	30.7.2.8	40 mm dia	Each	4.00	8200.00	32800.00
27	30.11.3	Supplying, fixing, testing and commissioning of following sizes Motorized Butter fly Valve with CI Body, SS Disc,O - ring and minimum PN-16 pressure rating , conforming to BS 5155, IS 13095, with IP-55 actuator, capable of accepting upto 10V DC , and upto 20mA electric signal and providing similar transduced feedback output to control system as required.				
	30.11.3.8	80mm dia.	Each	5.00	18641.00	93205.00
	30.11.3.9	65mm dia	Each	5.00	18460.00	92300.00
	30.11.3.10	50mm dia.	Each	5.00	18083.00	90415.00
28	30.12.2	Supply, installation, balancing and commissioning of fabricated at site GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required				
	30.12.2.4	Thickness 1.25mm sheet	Sqm	5.00	2063.00	10315.00
29	30.7.3	NON - RETURN VALVE with duel plate of C I body SS plates vulcanized NBR seal flanged end & PN 16 pressure rating for chilled / hot water circulation including insulation as specified.				

	30.7.3.1	200 mm dia	Each	1	15686	15686.00
	30.7.3.2	150 mm dia	Each	1	10155	10155.00
	30.7.3.5	80 mm dia	Each	1	4821	4821.00
	30.7.3.6	65 mm dia	Each	1	4307	4307.00
30	28.1.2	Supplying, installation, testing & commissioning of smoke detector with builtin LED and mounting base complete with all connections etc. as per direction of engineer in charge	Each	2	1223.00	2446.00
		Total DSR amount				**2023422.00**
	A	**Grosss DSR Electrical amount**				**2023422.00**
		B. NDSR ITEMS				
		SH-5- CEILING FAN/EXHAUST FAN				
1	NDSR	Rewinding of Ceiling Fan / Exhaust Fan with annealed and insulated Copper Wire with necessary insulation, separators vibration arresting shellac, etc. including replacement of bearing if any transportation to and from the spot to workshop inclusive of releasing the re-fixing complete as required.	Each	50.00	715.00	35750.00
		SH-6- SUBSTATION, TRANSFORMER AND DG SETS				

2	NDSR	Annual Comprehensive Repair /Maintainance & service contract of HT VCBs 11 KV complete with Material with replacement of defective parts & testing etc. Checking/Testing of HT tripping system/Bushing transformers & HT Panels etc, Replacement of HT Panel indicators Lamps, Ammeters, Voltmeter, Calibration or replacement of HT Relays & testing etc. Termination kit of HT panels/ Transformers, replacement of Jointing kit of 3 core, 240 sq mm HT Cable, Repairing /replacement of PTs & CTs of HT Panels & Testing with M&L, Painting of HT Panels/2nosX500 KVA Transformers with two coats of enamel/ burger paints with M&L, Repairs/ replacement of HT meters, daily checking the moving parts, tightening of nuts and bolts etc. Weekly cleaning of electrical panels with blowers .Maintaining of work to permit boards and danger board on each panel and also submitted testing report of transformer (earth testing and insulation testing).	job / year	1.00	119416.00	119416.00
3	NDSR	Annual Repairing maintence servicing and Upkeep of 1600 KVA ,33 KV/433 V, 3 phase 50Hz copper wound,Step down transformer oil cooled ONAN at ESS block, Checking testing, repairing of tappings, buchholz ralay, bushing, breather, conservator tank & silica gel etc, painting with two coat of enamel/burger paint if required. Monthly working status/servicing report submitted to engineer in charge.	job / year	3.00	46750.00	140250.00

4	NDSR	Dehydration, filtration and testing of transformer oil of 3nos x 1.6 MVA (33/.440KV) transformers and other existing equipment by portable filtration plant at site including conducting dielectric test recording the results in the presence of ESIC representative. The dehydration will be continued till required results are obtained for transformer/OCB complete as required and also submitted testing report of transformer (earth testing and insulation testing).	litre	7125.00	35.00	249375.00
5	NDSR	Dehydration, filtration and testing of transformer oil of 2 Nos x 500 KVA (11/.415 KV) transformers and other existing equipment by portable filtration plant at site including conducting dielectric test recording the results in the presence of ESIC representative. The dehydration will be continued till required results are obtained for transformer/OCB complete as required and also submitted testing report of transformer (earth testing and insulation testing).	litre	1700.00	35.00	59500.00
6	NDSR	Supply and filling of new dehydrated Transformer oil in existing equipment at site during dehydration process for toping up etc. complete as required.	litre	200.00	200.00	40000.00
7	NDSR	Annual Servicing Repair and Maintenance of 10/20 KVA DG Set. Including (Oil Filter,Fuel Filter, Air Cleaner Filter,Coolent Extra Cool,K- Cleaner, Canopy Hings, Canopy Lock, Battery Lead, Engine Oil , Diesel PipeSpinon Lub Oil Filter,Valves, Petronas Urania 1000 CH, Coolant Lub Oil,O-ring etc) monthly cleaning and checking of DG Set.	job/yaer	4.00	58202.00	232808.00

8	NDSR	Annual comprehensive repairing, service and maintenance contract of LT panel with air circuit breaker installed in the substation, hospital & staff quarter building and distribution boad of hospital premises , the following work are as under (a) monthly cleaning (internal & External) & Repairing of feeder compartment , air circuit breaker & MCCB with air blower or vacuum cleaner, (b) Replacement of defective MCCB's, main Switches,HRC Fuses, Voltmeter, Ammeters, P.F Meters & Energy meter of LT Panels, (C) Testing & calibration of relay on LT panels, Over load relay, master Relay etc. (Monthly) (d) preventive maintenance of air circuit breakers of LT panels installed at the hospital & staff quarters,(e) servicing /repairing /replacement of damaged/defective parts of ACB's,(f) preventive maintenance of capacitor panels of substation (g) replacement of defective/damaged capacitor of capactor panels of (h) LT cable joiting kits of LT panels (i) cleaning (External and Internal) of Distribution boards in the office premises and rectification of burnt thimble, LED indication Lamps,wires,and components (Monthly) ,(j) Replacement of contactors, fuses indicated lamps, and control auxiliaries of capacitor panels,indicating instuments/meter and other small parts inside panels. (k) Annual Maintenance & Servicing, Checking, Cleaning , Testing of ACB (Air Circuit Breaker) Testing of relay, testing and commissioning of interlocking control wiring of ACB (Air Circuit Breaker)	Job/Year	1.00	750000.00	750000.00
9	NDSR	Annual repairing,servicing & calibration of Variable Frequency Drive (VFD) 25 HP (3 nos.)/20 HP (3 nos.) for HVAC Plant in secondary pump.Whenever required. Including of calibration,repairing & comissioning of rectifier circuit,inverter circuit, insulated gate bipolar transistor , control unit,DC bus filter,power circuit,line reactor,converter circuit,thyrisor,etc. As per the direction of engineer in charge. (Note: Rate inclusive of repairing of existing 2 no. 25 HP VFD since the same are in non-working condition)	job / year	1.00	205000.00	205000.00
		Cooling Tower 300TR				

a	NDSR	Alu fan Assly (2100mm)	Each	5	29700.00	148500
b	NDSR	ALU Sprinkler 6"	Each	5	19800.00	99000
d	NDSR	Branch Pipe	Each	5	2200.00	11000
e	NDSR	Tie Rod+Turn Buckle	Each	5	2970.00	14850
f	NDSR	PVC Eliminators	Each	5	8800.00	44000
g	NDSR	Branch clamp with nut bolt	Each	5	1540.00	7700
10	NDSR	**Cooling Tower 170 TR**				
a	NDSR	Supply & Installation of PVC cooling tower fills including of dismantling of old cooling tower fills. Whenever required. As per the instruction of engineer in charge.	Each	400	341.00	136400
b	NDSR	Alu fan Assly (hub with fan blade & nut bolt)	Each	2	22000.00	44000
c	NDSR	ALU Sprinkler	Each	2	16500.00	33000
d	NDSR	Tie Rod+Turn Buckle	Each	2	2750.00	5500
e	NDSR	PVC Eliminators	Each	2	7700.00	15400
f	NDSR	Branch clamp with nut bolt	Each	2	1430.00	2860
g	NDSR	Branch Pipe	Each	2	1980.00	3960
11	NDSR	Annual repairing servicing of AHUs (a) descaling & cleaning of cooling coil inside tube with chemical wash (b) descaling & cleaning of Y- Strainer with chemical wash (c) servicing & repairing of balancing valve, Motorizing valve, ,air release valve & butter fly valve.(d) chemical cleaning of uperside cooling coils of AHUs.(e) chemical cleaning of prefilter & hepa filter of AHUs.	job / year			
	A)	3000 CFM	job / year	14	2805.00	39270.00
	B)	5500 CFM	job / year	5	4345.00	21725.00
	C)	10000 CFM	job / year	12	4620.00	55440.00
	D)	12000 CFM	job / year	16	5225.00	83600.00
	E)	13000 CFM	job / year	2	5610.00	11220.00

	F)	14000 CFM	job / year	15	7425.00	111375.00
12	NDSR	Dismantaling of old cooling coil of AHUs and providing & fixing of same cooling cooling coil of AHUs are following specification : - Tube Material -copper, Tube Thickness-0.41mm, Out side dia - 12.7 mm, Header Material- Copper with MS Adoptor ,Coil casing -GI , Blank -off material-GI, Fin Material- Plain Aluminium , Fin Spacing Tray -22G SS-304, Tesing Pressure -21 Kg/Sq.cm, Insulation Material for Train Tray- 13 mm Thick close cess nitrile rubber				
a	NDSR	5500 CFM , 4 coil row deep	Each	5.00	72000.00	360000.00
b	NDSR	10000 CFM , 4 coil row deep	Each	5.00	149270.00	746350.00
c	NDSR	12000 CFM , 4 coil row deep	Each	4.00	162840.00	651360.00
d	NDSR	14000 CFM , 4 coil row deep	Each	5.00	176410.00	882050.00
e	NDSR	3000/3500 CFM , 6 coil row deep	Each	4.00	55000.00	220000.00
13	NDSR	supply , fixing and commissioning of filter section with metal thick viscous/ washable synthetic type air prefilters of AHU as following specification :- Filtration Medium Material- Fiberglass, Material -Aluminum, efficiency-upto 25 micron, color-white, Automatic grade -automatic, Thickness -5 mm Working Pressure-100 psi as per following size.				
a	NDSR	610x610x50	Each	25.00	2015.00	50375.00
b	NDSR	595x501x25	Each	25.00	1250.00	31250.00
c	NDSR	610x305x50	Each	25.00	1418.00	35450.00
d	NDSR	610x610x305	Each	11.00	10440.00	114840.00
e	NDSR	610x305x305	Each	9.00	6660.00	59940.00

14	NDSR	BALANCING VALVE WITH BUILT IN MEASURING FACILITY with C I body flanged construction with EPDM coated disc with long pitch with protected out pipe insulation & PN 16 pressure rating for chilled / hot water circulation as specified.				
a	NDSR	32 mm dia	Each	3.00	5200.00	15600.00
b	NDSR	25 mm dia	Each	3.00	3950.00	11850.00
15	NDSR	Supplying, fixing, testing and commissioning of following sizes Motorized Butter fly Valve with CI Body, SS Disc,O - ring and minimum PN-16 pressure rating , conforming to BS 5155, IS 13095, with IP-55 actuator, capable of accepting upto 10V DC , and upto 20mA electric signal and providing similar transduced feedback output to control system as required.				
a)	NDSR	25mm dia	Each	4.00	13450.00	53800.00
16	NDSR	Annual, Repair, Maintenance of FCU/ Ceiling AHU including servicing , descaling of cooiling coil & condenser coil inside & outside tube with chemical wash, y -strainer cleaining ,servicing of balancing valve work , greasing oiling of condensor & cooling coil fans , repairing/servicing of motors, changing of motor fans , repiring/servicing of balancing valve, butter fly valve, motorizing valve & y -strainer changing of capacitor of motor and replacement of damaged minor parts etc	Each	28	5400.00	151200.00
17	NDSR	Supply and Fixing of 600 CFM FCU				
	(i)	Installation of New Canvas with Frame size in mm 2100 X 300 X 1	Job	1	6649	6649
	(ii)	Nut Bolt with washer 1" x 6 mm	Nos	50	24	1200
		SH-8- FIRE FIGHTING & PROTECTION SYSTEM				

18	NDSR	Refilling of fire extinguishers - CO2 type 4.5 Kg	Nos	175.00	740.00	129500.00
19	NDSR	Refilling of ABC type fire extinguisher capacity 5 kg.	Nos	175.00	680.00	119000.00
20	NDSR	Hydraulic pressure testing of all types fire extinguisher as per IS:2190:2010 as required.	Nos	350.00	236.50	82775.00
		SH-9- REPAIR/ REWIDING OF MOTOR/PUMPS				
21	NDSR	Complete overhauling of Electric Motor and Monoblock pump upto 2HP i/c its oiling, greasing and change of packing.	Each	5.00	1650.00	8250.00
22	NDSR	Lifting and lowering of submersible pump set and increasing depth of suction pipe if required.	Each	2.00	6600.00	13200.00
23	NDSR	Repair/Rewinding of Submersible pump/sump pump sets up to 5 HP Single/Three phase motor with annealed and insulated Copper Wire with necessary insulating, separators vibration arresting shellac, etc. including replacement of bearing if any transportation to and from the spot to workshop inclusive of releasing the re-fixing.	Each	5.00	7150.00	35750.00
24	NDSR	Rewinding, repairing & servicing of 5-10 HP motor including shaft fabrication, replacement of motor bearing, mechanical silicon seal and job for disassembling and refitted back & transportation charges.	Each	5.00	14850.00	74250.00
25	NDSR	Rewinding, repairing & servicing of 10-20 HP motor including shaft fabrication, replacement of motor bearing, mechanical silicon seal and job for disassembling and refitted back & transportation charges. .	Each	2.00	18700.00	37400.00
26	NDSR	Rewinding, repairing & servicing of 20-30 HP motor including shaft fabrication, replacement of motor bearing, mechanical silicon seal and job for disassembling and refitted back & transportation charges. .	Each	1.00	25025.00	25025.00

27	NDSR	Rewinding, repairing & servicing of 30-40 HP motor including shaft fabrication, replacement of motor bearing, mechanical silicon seal and job for disassembling and refitted back & transportation charges. .	Each	1.00	31130.00	31130.00
28	NDSR	Repairing/ Servicing upto 5HP Pump including shaft fabrication, replacement of bearing, mechanical silicon seal and job for disassembling and refitted back & transportation charges.	Each	2.00	7150.00	14300.00
29	NDSR	Repairing/ Servicing 5 to 10HP Pump including shaft fabrication, replacement of bearing, mechanical silicon seal and job for disassembling and refitted back & transportation charges	Each	2.00	11550.00	23100.00
30	NDSR	Repairing/ Servicing 20 to 30HP Pump including shaft fabrication, replacement of bearing, mechanical silicon seal and job for disassembling and refitted back & transportation charges.	Each	1.00	20000.00	20000.00
31	NDSR	Repairing/ Servicing 30 to 40HP Pump including shaft fabrication, replacement of bearing, mechanical silicon seal and job for disassembling and refitted back & transportation charges.	Each	1.00	24200.00	24200.00
32	NDSR	Repair / Rewinding of Submersible pump/sump pump sets up to 7.5-10 HP Single/Three phase motor with annealed and insulated Copper Wire with necessary insulating, separators vibration arresting shellac, etc. including replacement of bearing if any transportation to and from the spot to workshop inclusive of releasing the re-fixing.	Each	1.00	15500.00	15500.00
		SH-10 AMC OF WINDOW/ SPLIT TYPE AC /REFRIGERATOR/WATER COOLER				

72	NDSR	Supplying, Installation, Testing & commissioning of Compressor of 1.5/2 TR Split / Window type Air-Conditioner including charging of R22 Gas complete as required.	Each	10.00	12500.00	125000.00
73	NDSR	Repairing of PCB 1.5/2 TR Split/ Window type AC as per satisfaction of Engineer in Charge.	Each	10.00	2475.00	24750.00
74	NDSR	Annual Comprehensive Repair and Maintenance of **Split type** Air Conditioners of 1/1.5/2 TR rating. CAMC includes all maintenance work including Gas charging whenever required, servicing, Motor Repair, relay replacement, Condenser & cooling Coil replacement required for smooth operation of Ac but excluding replacement of PCB and Compressor	job / year	20.00	8820.00	176400.00
75	NDSR	Annual Comprehensive Repair and Maintenance of **Window type** Air Conditioners of 1/1.5/2 TR rating . CAMC includes all maintenance work including Gas charging whenever required ,servicing, Motor Repair, relay replacement , Condenser & cooling Coil replacement for smooth operation of Ac but excluding replacement of PCB and Compressor.	job / year	15.00	7056.00	105840.00

76	NDSR	Annual Comprehensive Repair/Maintenance of Refrigerator/Deep freezer i/c comprising of replacement of any or all parts of Refrigerator Systems control panels, switches, bulb, cables, wires, copper pipes, drain pipes, Gas Charging ,replacement of relays, timers, thermostat & compressor, checking of current drawn by each refrigerator to known the healthy condition. The comprehensive service would i/c chemical service & wet service etc. as required. Checking Firmness of supporting arrangement for the compressor, blower, motor, air conditioners casing, Painting of the MS portion prone to rusting, Replacement of sheet metal part, front panel, outer wrapper / casing., Replacement of cooling and condenser coil. The filters shall be cleaned on weekly basis and record thereof shall be maintained. The history sheet of servicing/breakdown repairing of each and every unit shall be maintained. The copy of report shall be submitted along with the bill subsequent to the servicing activity. The cleaning/ minor repair of stabilizers shall be covered under the AMC contract.	job / year	10.00	14927.00	149270.00

77	NDSR	Annual Comprehensive Repair and Maintenance of **Water Cooler** i/c replacement of any or all parts of systems, control panels, cables, wires, copper pipes, drain pipes, Gas Charging, replacement of relays, timers, thermostat & compressor, checking of current drawn to known the healthy condition including chemical service & wet service etc. as required. Checking Firmness of supporting arrangement for the compressor, blower, motor, air conditioners casing, Painting of the MS portion prone to rusting, Replacement of cooling and condenser coil. The history sheet of servicing/breakdown repairing of each and every unit shall be maintained. The copy of report shall be submitted along with the bill complete as required.	job / year	10.00	16720.00	167200.00
		SH-11 MISCELLANEOUS				
78	NDSR	Annual Comprehensive Repair and Maintenance of Three (03 Nos) Hot Water Generator with servicing include all materials	job/year	3	45000	135000.00
79	NDSR	Annual Comprehensive Repair and Maintenance of 33 KV VCB Panel, Breakdown attend and its repair labour cost	job/year	5	81081.94	405409.70
80	NDSR	Three (03 Nos) Hot Water Generator with servicing include all materials	metre			
81	NDSR	Supply, Installation, Testing & commissioning of IBR Steam/ PNG/ Oil / Hot Water pipe Seamless Sch 40 complete with bends, sockets, flanges, gasket etc for supplying steam / hot water from boiler etc. complete as required.				
	a)	15 mm	Metre	20	316.80	6336.00
	b)	20 mm	Metre	20	376.20	7524.00
	c)	25 mm	Metre	25	448.80	11220.00

	d)	32 mm	Metre	20	547.80	10956.00
	e)	40 mm	Metre	20	646.80	12936.00
	f)	50 mm	Metre	10	976.80	9768.00
82	NDSR	Supplying, Installation, Testing and Commissioning of CI 'Y' type strainer with fittings for IBR steam pipeline of following sizes complete as required.				
	a)	20 mm	Each	8	2750.00	22000.00
	b)	25 mm	Each	4	3520.00	14080.00
	c)	32 mm	Each	4	5082.00	20328.00
	d)	40 mm	Each	7	6050.00	42350.00
83	NDSR	Providing of Insulation on Steam/ Hot Water Pipe line with minimum 50 mm thick glass wool of 80 Kg per cubic metre, MS wire net & 26 SWG Aluminum Sheet etc. as required.	Metre	150	990.00	148500.00
84	NDSR	**Brass Steam Valve/ Gate Valve as per Required**				
	a)	15 mm	Each	2	9513.30	19026.60
	b)	20 mm	Each	1	10387.30	10387.30
	c)	25 mm	Each	1	11850.30	11850.30
	d)	32 mm	Each	1	20817.50	20817.50
	e)	40 mm	Each	1	24651.00	24651.00
	f)	50 mm	Each	1	38403.20	38403.20
		SH-12 WTP				
85	NDSR	Annual Comprehensive Repair and Maintenance of water treatment plant with servicing include all materials and two time water Testing of lab report.	Job/year	1	920000.0	920000.00
		B. TOTAL NDSR amount				9406196.60
		GRAND TOTAL (A+B) DSR + NDSR				**11429618.60**

Electrical Material							
Sl. no	Ref. No.	PARTICULAR OF ITEMS	UNIT	Total Quantity	RATE	DSR Amount	NDSR Amount

	DSR 2025/NDSR	SH-I Maintenance of EI and Fans					
		Providing of ISI marked, FRLS PVC insulated, single core copper conductor cable					
1	1101	1.5 sq. mm	metre	1000.00	18.00	18000.00	
2	1102	2.5 sq. mm	metre	1000.00	28.00	28000.00	
3	1103	4 sq. mm	metre	1000.00	42.00	42000.00	
4	1104	6 sq. mm	metre	100.00	63.00	6300.00	
5	1105	10 sq. mm	metre	100.00	106.00	10600.00	
6	1106	16 sq. mm	metre	100.00	164.00	16400.00	
7	1111	1 pair, 0.5 mm dia annealed copper conductor, FRLS PVC insulated, unarmoured, telephone cable.	metre	125.00	5.50	687.50	
8	1224	20 mm dia. ISI marked, PVC conduit	metre	50.00	21.00	1050.00	
9	1225	25 mm dia. ISI marked, PVC conduit	metre	50.00	29.00	1450.00	
10	1227	40 mm dia. ISI marked, PVC conduit	metre	50.00	64.00	3200.00	
11	1229	20mm dia PVC band	Each	5.00	8.00	40.00	
12	1230	25 mm dia PVC band	Each	5.00	11.00	55.00	
13	1232	40 mm dia PVC bend	Each	5.00	28.00	140.00	
14	1234	20 mm PVC Pipe couplers	Each	5.00	5.68	28.40	
15	1235	25 mm PVC Pipe couplers	Each	5.00	7.00	35.00	
16	1402	S.P. 5/6 A, one way modular switch, ISI marked	Each	150.00	34.00	5100.00	

17	1403	S.P. 5/6 A, two way modular switch, ISI marked	Each	150.00	68.00	10200.00	
18	1404	S.P. 15/16 A, one way modular switch, ISI marked	Each	150.00	74.00	11100.00	
19	1405	3 pin 5/6 A modular socket outlet, ISI marked	Each	150.00	63.00	9450.00	
20	1406	6 pin 15/16 A modular socket outlet, ISI marked	Each	150.00	105.00	15750.00	
21	1407	Modular bell push, ISI marked	Each	50.00	62.00	3100.00	
22	1408	Stepped type Modular Fan regulator(2 module)	Each	200.00	220.00	44000.00	
23	1420	Modular base & cover plate for 1 module	Each	100.00	42.00	4200.00	
24	1421	Modular base & cover plate for 2 module	Each	100.00	42.00	4200.00	
25	1422	Modular base & cover plate for 3 module	Each	100.00	56.00	5600.00	
26	1423	Modular base & cover plate for 4 module	Each	200.00	61.00	12200.00	
27	1424	Modular base & cover plate for 6 module	Each	100.00	79.00	7900.00	
28	1425	Modular base & cover plate for 8 module	Each	100.00	101.00	10100.00	
29	1426	Modular base & cover plate for 12 module	Each	11.00	147.00	1617.00	
30	1444	Call bell / buzzer. single phase	Each	10.00	44.00	440.00	

31	5246	Cat6A UTP 4 pair, 23 AWG solid copper cable in existing conduit/ on surface, U/FTP, LSZH, NonPlenum, Horizontal (solid) Cable suitable for high speed data networking application supporting upto 10Gbps over a 100 meter channel. 1 Run of cable	mtr.	500.00	35.00	17500.00	
32	1442	Brass batten / angle holder	Each	20.00	38.00	760.00	
33	1452	PVC Batten/ Angle Holder	Each	100.00	22.00	2200.00	
34	1610	3 Pole MCCB, 100 A, 16KA IEC CERTIFIED	Each	10.00	2644.00	26440.00	
35	1611	3 Pole MCCB, 125 A, 16KA IEC CERTIFIED	Each	10.00	3403.00	34030.00	
36	1622	4 pole MCCB,100 A, 30KA IEC CERTIFIED	Each	3.00	5623.00	16869.00	
37	1623	4 pole MCCB, 125 A, 36KA IEC CERTIFIED	Each	2.00	5961.00	11922.00	
38	1625	4 pole MCCB,250A, 36KA IEC CERTIFIED	Each	1.00	12953.00	12953.00	
39	1627	4 pole MCCB,400A, 50KA, IEC CERTIFIED	Each	1.00	31928.00	31928.00	
40	1628	4 pole MCCB,630A, 50KA, IEC CERTIFIED	Each	1.00	32250.00	32250.00	
41	1706	6 amps. to 32 amps. ratings , SP MCB, C-curve,10 KA breaking capacity	Each	100.00	135.00	13500.00	
42	1707	6 amps. to 32 amps. ratings , SPN MCB, C-curve,10 KA breaking capacity	Each	25.00	394.00	9850.00	
43	1708	6 amps. to 32 amps. ratings , DP MCB, C-curve,10 KA breaking capacity	Each	25.00	432.00	10800.00	
44	1709	6 amps. to 32 amps. ratings , TP MCB, C-curve,10 KA breaking capacity	Each	4.00	702.00	2808.00	
45	1710	6 amps. to 32 amps. ratings , TPN MCB, C-curve,10 KA breaking capacity	Each	10.00	869.00	8690.00	
46	1712	63 A, 2 pole isolator	Each	10.00	340.00	3400.00	

47	1714	40 A, 4 pole isolator	Each	10.00	616.00	6160.00	
48	1717	25 Amps. rating ,2 pole RCCB, 30mA	Each	10.00	1458.00	14580.00	
49	1718	40 Amps. rating ,2 pole RCCB, 30mA	Each	10.00	1726.00	17260.00	
50	1719	63 Amps. rating ,2 pole RCCB, 30mA	Each	10.00	1982.00	19820.00	
51	1721	40 amps. rating, 4 pole RCCB, 30mA	Each	10.00	2352.00	23520.00	
52	1722	63 amps. rating, 4 pole RCCB, 30mA	Each	3.00	2457.00	7371.00	
53	1738	6 way, SPN, double door , MCB DB	Each	3.00	1347.00	4041.00	
54	1739	8 way, SPN, double door , MCB DB	Each	3.00	1624.00	4872.00	
55	1740	12 way, SPN, double door , MCB DB	Each	3.00	1695.00	5085.00	
56	1742	Sheet Steel DP MCB enclosure	Each	30.00	300.00	9000.00	
57	1743	Sheet Steel TPN MCB enclosure	Each	30.00	354.00	10620.00	
58	2133	Brass compression gland for (28 mm) 4 X 16 sq. mm, 1.1 KV grade cable	Set	32.00	75.75	2424.00	
59	2201	Aluminium lugs for 6 sq. mm cable	Each	50.00	1.58	79.00	
60	2202	Aluminium lugs for 10 sq. mm cable	Each	50.00	2.10	105.00	
61	2203	Aluminium lugs for 16 sq. mm cable	Each	50.00	3.00	150.00	
62	2204	Aluminium lugs for 25 sq. mm cable	Each	40.00	4.13	165.20	
63	2205	Aluminium lugs for 35 sq. mm cable	Each	10.00	4.95	49.50	
64	2206	Aluminium lugs for 50 sq. mm cable	Each	10.00	7.43	74.30	
65	2208	Aluminium lugs for 95 sq. mm cable	Each	50.00	12.38	619.00	
66	2210	Aluminium lugs for 150 sq. mm cable	Each	10.00	22.50	225.00	
67	2211	Aluminium lugs for 185 sq. mm cable	Each	10.00	27.75	277.50	
68	2213	Aluminium lugs for 240 sq. mm cable	Each	10.00	48.00	480.00	

69	2214	Aluminium lugs for 300 sq. mm cable	Each	10.00	67.50	675.00	
70	2215	Aluminium lugs for 400 sq. mm cable	Each	10.00	97.50	975.00	
71	2855	Steel fastener 6 mm X 75 mm	Each	100.00	7.20	720.00	
72	2857	PVC fastener 40mm long	Each	100.00	0.90	90.00	
73	2881	GI saddles 19mm x 0.55mm for conduit	Each	100.00	1.80	180.00	
74	2882	GI saddles 25mm x 0.90mm for conduit above 25mm	Each	100.00	1.80	180.00	
75	2919	G.I. nuts and through bolts with washer	Each	100.00	31.50	3150.00	
76	2932	250 mmx 200mm HT danger notice plate	Each	5.00	72.00	360.00	
77	3109	Motorized Valve 65mm	Each	20	12413.90	248278.00	
78	3108	Motorized Valve 80mm	Each	20	12535.17	250703.40	
79	3037	Balancing Valve 65mm	Each	20	8120	162400.00	
80	3036	Balancing Valve 80mm	Each	20	9200	184000.00	
81	3014	M.S. Pipe - 25 mm dia 25mm	Mtr.	50	296.1	14805.00	
82	3013	M.S. Pipe - 32 mm dia 25mm	Mtr.	20	367.2	7344.00	
83	3010	M.S. Pipe - 65 mm dia 25mm	Mtr.	20	768.6	15372.00	
84	3009	M.S. Pipe - 80 mm dia 25mm	Mtr.	20	961.2	19224.00	
85	4071	50 mm thick resin bonded glass wool having density of 32kg/m3	Sqm.	25	234.15	5853.75	

86	4400	Base Price for 1200mm sweep BLDC ceiling fan with all accessories,fittings,supports	Each	25	1890	47250.00	
87	1586	Sandwich Rising Mains with Aluminium bus bar 1250 amps 50KA Isc for 1 sec	Mtr.	10	19374	193740.00	
88	1587	Sandwich Rising Mains with Aluminium bus bar 1600 amps 50KA Isc for 1 sec	Mtr.	10	23160	231600.00	
89	5165	Nozzle made with gunmetal Grade Geyser jet 100mmı with adjustable nozzle for height adjustment of the fountain etc., Complete as required.	Each	12	7275	87300.00	
90	5199	Underwater Luminaries surface mounted RGB LED spot light 6 x 3W with IP 68 protection, SS/ aluminium dia casting body with power coated paint, soft rubber gasket.	Each	12	9488	113856.00	
91	1322	3 mm thick phenolic laminated sheet	sq.cm.	3500	0.2	700.00	
		LED Batten light (System lumen efficacy >135 lm/Watt) of following body materials. Powder coated die cast /Extruded aluminium Body (Thickness > 1.20 mm)					
92	4484	24 -26watt	Each	300	388.98	116694.00	
93	4483	18- 22 Watt	Each	150	381.36	57204.00	

		LED Panel light 2x2 ft., (System lumen efficacy >135 lm/Watt) of following body materials. Powder coated die cast /Extruded aluminium Body (Thickness > 1.20 mm)					
94	4458	36 watt	Each	300	2700	810000.00	
		LED Street light fixture, powder coatedpressure die cast aluminium body (Systemlumen efficacy >135 lm/Watt) of following body materials.					
95	4541	72 watt	Each	50	1675	83750.00	
		LED Flood Light, powder coated pressure die cast aluminium (System lumen efficacy ≥120 and <135 lm/Watt) of following body materials					
96	4555	70 watt	Each	35	1474	51590.00	
97	4556	100 watt	Each	25	1595	39875.00	
98	4557	150 watt	Each	25	2310	57750.00	
99	4558	200 watt	Each	15	3200	48000.00	
100	4337	50mm dia Flange	Each	10	110	1100.00	
101	4338	65 mm dia Flange	Each	10	110	1100.00	
102	4340	80 mm dia Flange	Each	10	220	2200.00	
103	4147	25 mm dia MS flexible pipe with PVC coating along with all ancillaries & accessories like coupler etc	mtr.	100	25	2500.00	

104	5264	CCTV Camera : 2MP (@ 25/30fps@1080P (1920×1080)) IP IR Dome Camera with 2.8/ 3.6mm fixed lens	Each	10	5590.5	55905.00	
105	5268	CCTV Camera : 4MP @ 25/30fps@1440P (2560 x 1440) Dome Camera with 2.8/ 3.6/ 6/8/12 mm fixed lens (as per site requirement).	Each	10	7200	72000.00	
106	5270	CCTV Camera : 4MP @ 25/30fps@1440P (2560 x 1440) Outdoor Bullet Camera with 2.8/ 3.6/6/8/12 mm fixed lens (as per site requirement)	Each	10	6990	69900.00	
107	NDSR	Fan Capacitor 2 to 4 MFD	Each	150.00	90.00		13500
108	NDSR	Exhaust Fan Heavy Duty 450 mm	Each	20.00	6820.00		136400
109	NDSR	Exhaust Fan Heavy Duty 380 mm	Each	20.00	4180.00		83600
110	NDSR	Exhaust Fan Heavy Duty 300 mm	Each	20.00	2750.00		55000
111	NDSR	Ventilating Fan Non-metallic 200 mm	Each	30.00	2420.00		72600
112	NDSR	Ventilating Fan Non-metallic 250 mm	Each	30.00	2530.00		75900
113	NDSR	Supply of Wall Fan 400 mm sweep	Each	50.00	2805.00		140250
114	NDSR	Supply of Wall Fan 450 mm sweep	Each	70.00	2970.00		207900
115	NDSR	Ball Bearing	Each	50.00	82.50		4125
116	NDSR	Bush	Each	50.00	25.00		1250
117	NDSR	combined box 2 module	Each	50.00	160.00		8000
118	NDSR	5A 3pin Plug Top	Each	50.00	65.00		3250
119	NDSR	15A 3pin Plug Top	Each	50.00	110.00		5500
120	NDSR	6 Amp. Bed Switch	Each	50.00	35.00		1750
121	NDSR	PVC insulated Tape 5 Mtr	Each	150.00	20.00		3000
122	NDSR	63 amps DP MCB, 10 KA , "C" curve	Each	10.00	1000.00		10000

123	NDSR	63 amps FP MCB, 10 KA , "C" curve	Each	10.00	1800.00		18000
124	NDSR	Supply of 4 way Extension board with 6A sockets	Each	5.00	550.00		2750
125	NDSR	Supply of 4 way Extension board with 16A sockets	Each	5.00	1000.00		5000
126	NDSR	Supply of Modular RJ 45 Cat-6 computer Socket	Each	20.00	150.00		3000
127	NDSR	pole junction Box with clamp of size 150X200 MM (approx.) and 2 nos. Aluminium strip and 1 no. 6 A SP MCB (Sintex Make) PVC or similar foot street light.	Each	10.00	550.00		5500
128	NDSR	Aluminium conductor Cable 185 Sq mm 3.5 core - XLPE armoured ISI marked	Meter	25.00	2000.00		50000
129	NDSR	Aluminium conductor Cable 95 Sq mm 3.5 core - XLPE armoured ISI marked	Meter	30.00	1100.00		33000
130	NDSR	Aluminium conductor Cable 50 Sq mm 3.5 core - XLPE armoured ISI marked	Meter	25.00	650.00		16250
131	NDSR	Aluminium conductor Cable 35 Sq mm 3.5 core - XLPE armoured ISI marked	Meter	25.00	500.00		12500
132	NDSR	Aluminium conductor Cable 25 Sq mm 4 core - XLPE armoured ISI marked	Meter	50.00	450.00		22500
133	NDSR	Aluminium conductor Cable 16 Sq mm 4 core - XLPE armoured ISI marked	Meter	90.00	350.00		31500
134	NDSR	HT (33KV) Three Core Power Cables - Aluminium Conductor 300 sq. mm	Meter	25.00	6000.00		150000
135	NDSR	Submersible Copper Cable 3 x 1.5 sqmm	metre	100.00	85.00		8500
136	NDSR	Submersible Copper Cable 3 x 2.5 sqmm	metre	100.00	140.00		14000

137	NDSR	Red Grease for bearings of fan ,motors, pumps etc.	kg	10.00	450.00		4500
138	NDSR	Supply at Site 100AH 12V DC Battery	Each	2.00	11000.00		22000
139	NDSR	Supply at Site 130/135AH 12V DC Battery	Each	2.00	15000.00		30000
140	NDSR	Supply at Site 150AH 12V DC Battery	Each	2.00	16500.00		33000
141	NDSR	Supply at Site 180AH 12V DC Battery	Each	2.00	18500.00		37000
142	NDSR	thermostat of geyser	Each	15.00	375.00		5625
143	NDSR	thermostat of oven/Grill	Each	15.00	395.00		5925
144	NDSR	Inline Ductable exhaust fan (centrifugal fan) air volume m3/Hr 2140,speed 2700 rpm nose level 76, maximum temprature-60,	Each	2.00	17500.00		35000
145	NDSR	HT Tape	Each	25.00	390.00		9750
146	NDSR	Pressure Gauge Meter	Each	25.00	2000.00		50000
147	NDSR	Siphon with Brass Nozzle	Each	50.00	1200.00		60000
148	NDSR	3x3 Modular Box [2M]	Each	100.00	75.00		7500
149	NDSR	4x3 Modular Box [3M]	Each	100.00	150.00		15000
150	NDSR	4x3 Modular Plate [3M]	Each	100.00	65.00		6500
151	NDSR	5x3 Modular Box [4M]	Each	100.00	150.00		15000
152	NDSR	8x3 Modular Box [6M]	Each	100.00	175.00		17500
153	NDSR	Coupling Tyre 13/14 No.	Each	10.00	1750.00		17500
154	NDSR	2.5 Sqmm 2 Core Copper Cable	Mtr.	75.00	215.00		16125
155	NDSR	10 Sqmm 3 Core Copper Cable	Mtr.	60.00	550.00		33000
156	NDSR	MNX-18 Contactor	Each	15.00	1900.00		28500
157	NDSR	MNX-25 Contactor	Each	15.00	2500.00		37500
158	NDSR	MNX-50 Contactor	Each	10.00	9800.00		98000
159	NDSR	MNX-A1 contactor	Each	20.00	450.00		9000

160	NDSR	14-23 AMP. MN2 Overload Relay	Each	15.00	2100.00		31500
161	NDSR	100 Watt. GLS Bulb	Each	35.00	16.00		560
162	NDSR	15W LED Surface Panel Light	Each	100.00	950.00		95000
163	NDSR	18 W Round LED Panel Fitting	Each	100.00	1560.00		156000
164	NDSR	Wire Clip (6mm)	Pkt	100.00	80.00		8000
165	NDSR	PVC Gitti 6mm	Pkt	100.00	65.00		6500
166	NDSR	Casing Capping 25mm (Batten Patti)	Mtr.	200.00	51.60		10320
167	NDSR	Casing Capping 50mm (Batten Patti)	Mtr.	200.00	57.20		11440
168	NDSR	Halogen Lamp 500 W [Halonix]	Each	25.00	135.00		3375
169	NDSR	16^2 Sqmm FTC Cable Connector [Terminal block]	Each	100.00	60.00		6000
170	NDSR	35^2Sqmm FTC Cable Connector [Terminal block]	Each	100.00	80.00		8000
171	NDSR	9W LED Bulb	Each	100.00	115.00		11500
172	NDSR	Copper Lugs 6m	Each	50.00	15.00		750
173	NDSR	Copper Lugs 16m	Each	50.00	20.00		1000
174	NDSR	Gypsum Screw 1.5"	Pkt	20.00	475.00		9500
175	NDSR	Pedestal Fan Sweep Size 400mm	Each	5.00	2705.00		13525
176	NDSR	Chemical Cleaning Cooling Coil (HCST -4)	Ltr	100.00	300.00		30000
177	NDSR	35x8 Wooden screw	Pkt	25.00	105.00		2625
178	NDSR	Motor Connection Plate	Each	25.00	750.00		18750
179	NDSR	25mm PVC Flexible Pipe	Mtr.	100.00	50.00		5000
180	NDSR	Water Proofing Tape	Each	25.00	345.00		8625
181	NDSR	1.5Mfd Wall Fan Capacitor	Each	10.00	135.00		1350
182	NDSR	5mm Batten Clip	Pkt	25.00	75.00		1875
183	NDSR	Remote Control Call Bell	Each	50.00	600.00		30000
184	NDSR	Ding Dong Call Bell	Each	25.00	250.00		6250
185	NDSR	Old Dhoti of Cleaning work	Each	200.00	32.00		6400

186	NDSR	Single Phase Preventer	Each	25.00	1650.00		41250
187	NDSR	8 Pin Relay 250VAC/28VDC 10A	Each	25.00	890.00		22250
188	NDSR	Ampere meter 30/5 upto	Each	20.00	700.00		14000
189	NDSR	Volt meter 300 Volt uoto	Each	20.00	650.00		13000
190	NDSR	AHU Belt A-28 Pitch Length 740 mm	Each	10.00	350.00		3500
191	NDSR	AHU Belt A-31 Pitch Length 820 mm	Each	10.00	356.00		3560
192	NDSR	AHU Belt A-34 Pitch Length 900 mm	Each	10.00	377.00		3770
193	NDSR	AHU Belt A-47 Pitch Length 1230 mm	Each	10.00	461.00		4610
194	NDSR	AHU Belt A-53 Pitch Length 1380 mm	Each	10.00	496.00		4960
195	NDSR	AHU Belt B-53 Pitch Length 1390 mm	Each	10.00	636.00		6360
196	NDSR	AHU Belt B-60 Pitch Length 1570 mm	Each	10.00	699.00		6990
197	NDSR	AHU Belt B-61 Pitch Length 1590 mm	Each	10.00	713.00		7130
198	NDSR	AHU Belt B-65 Pitch Length 1690 mm	Each	10.00	790.00		7900
199	NDSR	AHU Belt B-67 Pitch Length 1740 mm	Each	10.00	850.00		8500
200	NDSR	AHU Belt B-68 Pitch Length 1770 mm	Each	10.00	900.00		9000
201	NDSR	Unloading and Mounting to Cooling tower motor	Job	1.00	7999.00		7999
202	NDSR	Float Switch Fluid Level Controller	Each	6.00	2250.00		13500
203	NDSR	Post TOP Light fitting 15 Watt (for Boundary wall)	Each	22.00	1650.00		36300
204	NDSR	Wall Mount Air Curtain Door Size 4 Fit dia (930 x 185 x 209 mm)	Each	17.00	28780.00		489260
205	NDSR	AHU Door Hinges	Each	50.00	1250.00		62500
206	NDSR	6- 8mm Rubber Insulated Floor Mat width 1 meter	Mtr.	15.00	2400.00		36000
207	NDSR	Ball Valve 25mm brass	Each	10	1445.5		14455
208	NDSR	Ball Valve 50mm brass	Each	10	5157		51570
209	NDSR	Motorized Valve 25mm	Each	10	14550		145500

210	NDSR	Motorized Valve 32mm	Each	10	16550		165500
211	NDSR	Air Release Valve 15mm	Each	20	2650		53000
212	NDSR	AHU Door Lock	Each	10	1950		19500
213	NDSR	PVC Insulated with RG59 Co-axial cable copper (CCTV 3+1)	Mtr.	1000	40		40000
214	NDSR	BNC Connector for CCTV Camera	Each	100	40		4000
215	NDSR	DC Power Connector for CCTV	Each	100	90		9000
216	NDSR	Power Supply (Adaptor) 12 Volt 2 Amp.	Each	91	800		72800
217	NDSR	Supply at Site 18AH 12V DC Battery	Each	5	3900.00		19500
218	NDSR	Supply at Site 42AH 12V DC Battery	Each	5	5500.00		27500
219	NDSR	Air Over Motor 650W	Each	5	8000.00		40000
220	NDSR	Bed light 24 w	Each	50.00	1700.00		85000
221	NDSR	Diffuser cover	Each	30	1350.00		40500
222	NDSR	Honeywell Water Flow switch (10 kgf/cm2)	Each	10	4000.00		40000
		ANNUAL MAINTENANCE OF SEWAGE TREATMENT PLANT (STP)					
223	NDSR	Lime	kg	680	15.00		10200
224	NDSR	Alum	kg	360	30.00		10800
225	NDSR	Urea	kg	1600	20.00		32000
226	NDSR	DAP	kg	600	125.00		75000
227	NDSR	Rotech 106PS or Culture	Ltr	200	1250.00		250000
228	NDSR	Hypochlectrolyte 7PPm	Ltr	1300	18.00		23400
229	NDSR	Polyelecttrolyte	Ltr	525	350.00		183750
230	NDSR	Gear Oil For Blower	Ltr	350	250.00		87500
231	NDSR	Chlorine	Ltr	250	1250.00		312500
		Total				**3694144.55**	**4887609**

		Add Cartage @ 1%				36941.45	
		Total(I)				3731086.00	
		Add GST @18%, Then Total				4402681.48	
		Add Contractor Profit @ 15%, Then Total				5063084	
		Total(II)				5063084	
		Total DSR/NDSR				5063083.70	4887609.00
		GRAND Total(III)					**9950692.70**

Signature Not Verified

Digitally signed by RAJEEV RANJAN
Date: 2026.05.06 11:50:30 IST
Location: eProcure-EPROC