



क.रा.बी.नि.  
E.S.I.C.

कर्मचारी राज्य बीमा निगम  
(श्रम एवं रोजगार मंत्रालय, भारत सरकार)  
EMPLOYEES' STATE INSURANCE  
CORPORATION  
(Ministry of Labour & Employment, Govt. of  
India)



क्षेत्रीय कार्यालय, 107, राम नगर रोड,  
कोटा, रायपुर (छत्तीसगढ़) - 492010  
REGIONAL OFFICE, 107, RAM NAGAR ROAD,  
KOTA,  
RAIPUR (CHHATTISGARH)-492010  
Phone:0771-2254589, Email: rd-  
cgarh@esic.nic.in  
Website: www.esic.nic.in / www.esic.in

File No.:591-W/17/13/2025-PMD-ARMCIVIL

Dated :

**Notice Inviting Tender for ARM work during (2025-26)**

**Name of Work: *Annual Repairs and Maintenance (Civil) of 100 Bedded ESI Hospital and its staff  
quarter Raipur on self execution basis for one Year (2025-26)***

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## **Instructions for Online Bid Submission**

### **E-Request for Proposal**

**“Annual Repairs and Maintenance (Civil) of 100 Bedded ESI Hospital and its staff quarter Raipur on self execution basis for one Year (2025-26).”**

#### **1.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 certain benefits to organized sector employees in case of sickness,maternity and ‘employment injury’ and to make provision for certain social benefits etc.

1.2 ESIC is inviting percentage rate online bids through two-bid system.

1.3 The tender documents are available on website **<https://eprocure.gov.in/eprocure/app>** or **GEM Portal** and the same can be downloaded as per the schedule given in the CRITICAL DATE SHEET.

1.4 Bidders/Contractors are advised to follow the instructions provided in the ‘Instructions to the Contractors/Tenderers for the e-submission of the bids online through the Central Public Procurement Portal for e-Procurement at

<https://eprocure.gov.in/eprocure/app> or **GEM Portal**. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

1.5 Not more than one tender can be submitted by one contactor 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. A breach of this condition will render the tenders of both parties liable to rejection.

1.6 Bidders, who have downloaded the tender from Central Public procurement Portal (CPPP) website <https://eprocure.gov.in/eprocure/app> or **GEM Portal**, 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.

1.7 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.

1.8 Further clarifications ,if any can be obtained from:

**Regional Director**  
**Employees' State Insurance Corporation,**  
**ESIC Regional Office, Raipur-492010**  
**Email- [rd-cgarh@esic.gov.in](mailto:rd-cgarh@esic.gov.in), Tel- 0771-2254589**

**INDICATIVE CRITICAL DATESHEET**

|                                     |                        |
|-------------------------------------|------------------------|
| <b>Date of Publishing</b>           | <b>28-01-2026/1500</b> |
| <b>Bid Document Download Starts</b> | <b>28-01-2026/1500</b> |
| <b>Bid Submission Starts</b>        | <b>28-01-2026/1500</b> |
| <b>Bid Submission Ends</b>          | <b>18-02-2026/1500</b> |
| <b>Technical Bid Opening Date</b>   | <b>20-02-2026/1530</b> |

**Name.....**

**Address .....**

**Phone No.....**

**Email Id.....**

**Seal of the Firm.....**

**2.1** The amount of Earnest Money Deposit (EMD) of Rs. 2,90,995.00 of tendered amount which shall be in the form of deposit at call receipt of a Scheduled Bank/ Fixed Deposit receipt of Scheduled Bank/Demand Draft of scheduled Bank issued / drawn in favor of ESIC FUND ACCOUNT No.1, payable at Raipur.

2.2 ESIC will refund the EMD to all the unsuccessful applicants upon signing of Investment Management Agreement with the successful Portfolio Managers. No interest shall be payable on the EMD amount.

2.3 ESIC reserves the right to forfeit the Earnest Money Deposit if the applicant fails or refuses to accept the offer from ESIC. ESIC may also decide to debar the said applicant from future assignments.

## **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/appor> or [GEM portal](https://eprocure.gov.in/eprocure/app/gem).

### **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\\_or\\_gem.gov.in](https://eprocure.gov.in/eprocure/app_or_gem.gov.in)) by clicking on the link “**Online bidder Enrollment**” on the CPP Portal and gem Portal which is free of charge.
- 2) As part of the enrolment 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 numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, 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 / n Code / e-Mudra 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.

## **SEARCHING 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 bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

## **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 submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 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 submitted 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 “MySpace” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be 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.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The details of the DD/any other accepted instrument, physically sent, 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 submitted by the bidders would be encrypted using PKI

Encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

- 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 (ie 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.

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315. Foreign bidder can get help at +91-79- 40007451 to 460.

**PRESS NOTICE**

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

**NIT No.** : 591-W/17/13/2025-PMD-ARMCIVIL

**Name of Work:** *Annual Repairs and Maintenance (Civil) of 100 Bedded ESI Hospital and its staff quarter Raipur on self execution basis for one Year (2025-26).*

The bid forms and other details can be obtained from the website <https://eprocure.gov.in/eprocure/app> or [www.gem.gov.in](http://www.gem.gov.in). This Tender is also available on [www.esic.gov.in/tenders](http://www.esic.gov.in/tenders).

**Regional Director**



**NOTICE INVITING e-TENDER**

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

| S.No. | Particulars  | Details  |
|-------|--|--|
| 1     | Name of work   | Annual Repairs and Maintenance (Civil) of 100 Bedded ESI Hospital and its staff quarter Raipur on self execution basis for one Year (2025-26).   |
| 2     | Estimated Cost   | Rs 96,99,821.00  |
| 3     | Earnest Money Deposit  | Rs. 2,90,995.00  |
| 4     | Period of Work   | 12 Months  |
| 5     | Availability of e-Tender/Bid document  | <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> and <a href="http://www.esic.gov.in/tenders">www.esic.gov.in/tenders</a> or <a href="http://www.gem.gov.in">www.gem.gov.in</a> |
| 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 DD/Pay Order for EMD, Registration Certificates and other documents to be submitted to Regional Office by the technically qualified Tenderer Only | Only EMD to be submitted in Hard Copy at or before 1:00 PM on.....at Esic Regional Office, 107, Ramnagar Road, Jagannath Chowk, Kota, Raipur Chhattisgarh 492010.  |

Any change in the tender shall be uploaded in the below mentioned website only, hence the tenderers may visit the website regularly ([https://eprocure.gov.in/eprocure/app\\_](https://eprocure.gov.in/eprocure/app_)& [www.esic.nic.in/tenders](http://www.esic.nic.in/tenders)) to make themselves aware about the information related to the bidding.

**REGIONAL DIRECTOR**

## **Information and Instructions to Bidders**

1. The percentage rate offers from intending and eligible bidders are invited under in the prescribed forms and format through online mode only for providing comprehensive Annual Repair and Maintenance Services as described under scope of services in the bid document.
2. Bidder means the individual, proprietary firm, firm in partnership, limited company private or public or corporation. Joint Venture Firms / Companies are not eligible for participating in this bid.
3. The bidder must have Class -IIIB Digital Signature Certificate ( DSC ) having signing and encryption facilities to participate in this e – tendering process

#### 4. **Eligibility Criteria**

- (i) The Bidder should have following work experience during last seven(7) years ending March, 2025 :

Three similar completed works each costing not less than 40% of the estimated cost.

**OR**

Two similar completed works each costing not less than 60% of the estimated cost.

**OR**

One similar completed work of aggregate cost not less than 80% of the estimated cost.

Similar work shall mean works of:

*Annual/Special/Construction of Civil works of Hospitals Campus having attached Residential Buildings and other ancillary structures including services. (Copy of work order and Completion certificate)*

- (ii) Should have an average annual financial turnover of 30% of estimated Value during the last three financial years (2022-23, 2023-24, 2024-25) ending 31st March 2025.
  - (iii) Should have a solvency of 40% of estimate cost certified by his Nationalized Bankers in form C.
5. **The Earnest Money Deposit (EMD) for Rs. 2,90,995.00 should be paid in the form of Demand Draft / Pay Order, drawn from any Scheduled Bank in favour of “ESIC Fund A/C No. 1” payable at Raipur. EMD of unsuccessful bidder will be returned / refunded within one month after the award of the work to the successful bidder.**
6. The bids need to be submitted along with all required and relevant documents related to works experience should be accompanied by valid copy of Completion certificate, financial strength etc. as per the requirement of bid documents duly authenticated / signed by the bidder. In complete bid is liable to be rejected.
7. Delayed / late and submission of bids by any other mode other than online mode bids will not be accepted and summarily rejected.
8. **Conditional bid will not to be accepted and liable to the summarily rejected.**
9. The intending bidders must read the terms and conditions of the bid document and satisfy him fully with regard to their eligibility vis-a-vis eligibility criteria as given in para-3 above and other pre - requirements before submitting the bids.
10. The tender for the work shall remain open for acceptance by ESI Corporation for a period 90 days from the date of opening of the tender / bid.
11. ESI Corporation reserves the right to accept or reject any bid or annul the whole bidding process without assigning any reason whatsoever.
12. The bid submitted shall become invalid if:
- (i) The bidder is found ineligible vis-a-vis eligibility criteria.
  - (ii) EMD of requisite amount and in the prescribed manner is not deposited by the bidder.
  - (iii) The bidder does not upload all the documents as required under the bid.
13. Any discrepancy is noticed between the soft(as uploaded online).
14. The bidder must ensure to quote the percentage above or below to two places of decimal only both in figures as well as in words. The total amount of the offer corresponding to the percentages quoted by the bidder shall also be mentioned both in words and figures.
15. Technical bid documents submitted by the eligible and intending bidders shall be opened only for those bidders whose EMD and other required documents / certificates etc. are found in order.
16. Financial bids submitted by the eligible and intending bidders shall be opened only for those bidders who are found qualified based on technical bids. The financial bid shall

be opened at the notified time, date and place in the presence of qualified bidders or their representatives, if they wish to be present.

17. ESIC reserves the right to verify the particulars furnished by the bidder independently and if any information furnished by the bidder is found incorrect at a later stage, the Agency shall be liable to be debarred from tendering / taking up works in ESIC.

18. **The list of documents to be scanned and uploaded within the period of bid submission without which tender shall be rejected:**

- (i) **Copy of EMD.**
- (ii) **Authorization Letter to sign the Tender on bidder's original letter head or Power of attorney.**
- (iii) **Certificate of Work Experience.**
- (iv) **Performance Certificate of Work Experience as per Form-A.**
  
- (v) **Turnover:** Average annual financial turnover should be at least 30% of the estimated cost of work during the last 3 consecutive financial years ending 2024-25. **This should be duly audited by the Chartered Accountant doing Statutory Audit and mentioned UDIN Number on that certificate.**
- (vi) **Details of organizational structure of the bidder as per Form-D.**
- (vii) **Certificate of Registration for Goods and Service Tax (GST).**
- (viii) **Any other documents as specified in the bid documents.**
- (ix) **Pan Card**
- (x) **Valid ESIC Registration Certificate**
- (xi) **Valid EPF Registration Certificate.**
- (xii) **Copy of valid electrical contract license from Central Government or any State/UT Government (Which is valid for Chhattisgarh state Electricity).**
  
- (xiii) The bidder should have a Solvency of an Amount equal to 40% of the estimated cost after the date of publication of tender. ***The Solvency Certificate shall be issued by Nationalized/Scheduled Commercial bank after the date of publishing of Tender document.*** The solvency certificate should be marked to tender Authority of ESIC RO Raipur along with Name of the project.
  
- (xiv) **Copy of Valid Labour License Certificate (Central/state).**
- (xv) The bidder should be an Indian Registered Company under Companies Act 1956/ Proprietorship Company/Partnership Company/Limited company private or public or corporation. **Joint Ventures/Consortia of firms are not accepted.** Copy of Certificate of Incorporation/ Registration/ Partnership Deed or any other relevant document, as applicable, should be submitted along with a copy of address proof.
- (xvi) **Valid ISO 9001 Certificate must be submitted.**
- (xvii) Organisation chart/ Escalation Matrix with contact details must be submitted in their letter head.
- (xviii) The bidder must submit a *blacklisting declaration* on ₹100 stamp paper, duly notarized. The declaration must be issued **after the date of publication of the tender.**

19. The bid is invited from the intending and eligible bidders for twelve (12) months during financial year 2025-26.



20. The site for the work is available as the ARM work is to be carried out in the running hospital buildings and their premises having residential buildings and other ancillary structures. The prospective eligible bidders are advised to inspect and examine the concerned hospital / dispensary premises 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. 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. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other bid document and has made himself fully aware about the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of this ARM work.

21. Brief scope of services:

The prospective bidder is supposed to provide comprehensive maintenance services to the entire hospital complex including attached dispensaries as mentioned in the name of work 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.

22. The bidder whose bid is accepted will be required to furnish Performance Guarantee ( PG ) of 5% (Five Percent) of the bid amount within 10 days of the acceptance of the bid in the form of Bank Guarantee from any Scheduled Bank as per format prescribed in the bid document. If the successful bidder fails to deposit the said performance guarantee within the prescribed period of 10 working days including the extended period of 3 more working days, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. However, EMD shall be returned after receiving the PG.

23. In addition to PG, Security Deposit (SD) equal to 2.5 % of the cost of work shall be deducted by ESIC from the running and final bills of the Contractor towards fulfilment of contractual obligation on the part of Contractor. SD shall be released after successful completion of the contract in all respects and settlement of final claims by ESIC.

24. The bidder whose bid is accepted will be required to furnish *either copy of applicable Licenses / Registrations or proof for applying for obtaining Labour Licenses and Registration with EPFO, ESIC and BOCW Welfare Board. The registration with EPFO and Labour License is mandatory if 20 or more labour is employed in any day in the preceding one year whereas registration with ESIC and BOCW Welfare Board is mandatory if 10 or more labour is employed in any day in the preceding one year. On acceptance of the tender, the name(s) of the authorized representative of the contractor shall be communicated in writing to ESIC by the Contractor, **who would be responsible for taking instructions from ESIC.***

25. 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.



26. The tender for the works shall remain open for acceptance for a period of Ninety ( 90 ) days from the date of opening of eligibility bid. If any bidder withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the ESIC shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the re-tendering process of the work.
27. All information called for in the enclosed forms should be furnished against the relevant columns in the forms. If for any reason, information is furnished on a separate sheet, this fact should be mentioned against the relevant column. Even if no information is to be provided in a column, a "nil" or "no such case" entry should be made in that column.  
  
If any particulars/query is not applicable in case of the bidder, it should be stated as "not applicable". The bidders are cautioned that not giving complete information called for in the application forms or not giving it in clear terms or making any change in the prescribed forms or deliberately suppressing the information may result in the bid being summarily disqualified.
28. Pages of the eligibility document are numbered. Additional sheets, if any added by the contractor, should also be numbered by him. They should be submitted as a package with signed letter of transmittal.
29. 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.
30. 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.

31. 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 of Articles of Association duly attested by a Public Notary.

32. 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 Packed Agreement for which format is also being provided in the bid document.

33. Integrity Agreement:

It is here by declared that ESIC is committed to follow the principle of transparency, equity and competitiveness in procurement of services. The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the Integrity Agreement, which is an integral part of tender / bid documents, failing which the tenderer/ bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected. This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the ESIC.

34. All tendered rates shall be inclusive of taxes, GST, levies or cess as applicable on last date of receipt of tender including extension, if any. However, effect of variation in rates of taxes or cess due to changes in legislation occurred after receipt of tender / bid shall be adjusted on either side i.e. increase or decrease, as the case may be.

### 35. Bid evaluation and award criteria

- (i)** First of all technical bid containing informations as provided by bidder with regard to work experience, financial capability / soundness, organizational structure etc. viz. Forms – A,B,C,D & E and other relevant input informations shall be opened and evaluated vis-à-vis eligibility criteria as stipulated in the bid document. A list of qualified agencies would be prepared by ESIC and such agencies would be intimated regarding opening of their financial bid. The financial bids of such agencies which could not be found qualified based on evaluation of their technical bid, would not be opened.
- (ii)** Financial bid containing informations provided by the bidder by way of quoting rates in percentage below or above the estimated cost of the three segments of ARM work through three (03) Financial Bid Forms viz. Workmen Deployment Schedule ( FB – 1 ), Civil Work ( FB – 2 ), Supply of materials to be used for Civil and Plumbing work ( FB – 3 ), shall be opened and evaluated by ESIC for the purpose of selecting the successful bidder based on their quoted percentages.
- (iii)** The Bidder is required to carefully go through the details of Manpower Deployment and Items (Supply & Wholesome) mentioned in the NIT & **Total** of the financial bidding documents before quoting his price in this financial bidding sheet.
- (iv)** ESIC reserves the right without being liable for any damages or obligation to inform the bidder to either amend the scope and value of the contract or reject any or all the applications without assigning any reason.

## Contract Agreement

**(To be signed between ESIC and the Contractor on Non – Judicial Stamp Paper of minimum Rs. 100/-)**

This Agreement (here in after referred to as the “Contract Agreement”) is made on ... between Employees’ State Insurance Corporation (here in after 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 ..... ( here in after called the ‘Contractor’ 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 getting its Hospital and Dispensary premises / complexes comprehensively maintained so as to ensure uninterrupted medicare facilities to ESI beneficiaries through competent and eligible Agencies / Firms of repute in this field. The main scope of the work is described in Client’s requirements.
- B. The Contractor has participated in the bidding process (conducted by the Client through e-tendering mode ) based on their professional expertise and having possessed the required technical competence and financial capability for fulfilling the requirements of the Client.
- C. The Client after due evaluation of the bids has agreed to award the contract for the work of “ *Name of work*” to M/s.....subject to and on terms and conditions set forth in this Contract Agreement.

NOW THEREFORE, THE PARTIES HERETO HEREBY AGREE AND THIS CONTRACT WITNESSESS AS FOLLOWS:

### **1. Definitions and Interpretation**

In the Contract, the following words and expressions shall have the meanings here by 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 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 Engineer 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 with 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 Contractor 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. **Time for Completion**

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 issue of letter commencement 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 one year. However, employer reserves it's right to terminate the Repair and Maintenance contract by giving 15 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 it's representative. No escalation payment shall be made 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 higher earlier under the ambit of the Contract Agreement.

4. ARM work shall mean the sum of the obligations and works to be performed and undertaken by the contractor including planning, safety precautions, required tools, tackles and plants and the completion of individual item of work in all respects under and in accordance with the Contract and shall include all materials and things to be supplied/done and services and activities to be performed or provided by or which may be reasonably implied there from and necessary for execution and completion of the work by the Contractor pursuant to and in accordance with this Contract.
5. No modifications or amendment to this Contract including any of the Appendices hereto shall be valid and effectual unless expressly agreed as an amendment thereto and is in writing and dated and duly executed by the authorized representatives of the Parties thereto.
6. In the event of any conflict or inconsistency between any provision of this Contract Agreement and any of the Appendices, the provisions of this Contract 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 here to 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) Instructions to Bidders
  - (vi) Integrity Pact/Agreement
  - (vii) Letter of Transmittal and Tender
  - (viii) Technical and Financial Bids
9. This Contract Agreement and all the documents forming part of this Contract and related to this work, are to be taken as mutually explanatory and unless otherwise expressly provided in this Contract Agreement, the priority between this Contract Agreement and other documents forming part hereof shall, in the event of any conflict and inconsistency between them, be in the following order:
  - (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 to the Contractor as set forth in this Contract, the Contractor hereby covenants with the Client and agrees and undertakes to perform the Works including planning, designing, and executing the whole or part of the work by using required tools, tackles and plants and by observing due safety precautions for completing the assignment/ the work in all respects with due diligence and to remedy any defects or deficiencies therein, 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 quoted by the Contractor in the financial bids to this Contract is 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.

#### 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 the applicable laws. The Contractor expressly agrees, acknowledges and understands that the Client is not an agent, representative or delegate of the Government of India. It is further understood and agreed that the Government of India is not and shall not be liable for any acts, omissions, commissions,

breaches or other wrongs arising out of the Contract. Accordingly, the Contractor expressly waives releases and foregoes any and all actions or claims, including cross claims, impleader claims or counter claims against the Government of India arising out of this Contract and covenants not to sue the Government of India as to any claim, cause of action or thing whatsoever arising out of or under this Contract.

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:

**ESIC's Requirements**

**1. Name of Work: Annual Repairs and Maintenance (Civil) of 100 Bedded ESI Hospital and its staff quarter Raipur on self execution basis for one Year (2025-26).**

**2. Main Scope of Work**

The scope of work of the Contractor under this Contract shall include but not be limited to the following:

(A) Manpower Deployment

- (i) The Contractor shall deploy required number of manpower as instructed from the ESIC Engineer of requisite skills, expertise, experience, aptitude, attitude etc. to ensure that Hospital and Staff Quarter premises are maintained with due diligence and Medicare services are not interrupted. (Details of Manpower list submitted to the ESIC during the joining of Manpower).
- (ii) Hospital shall be the resource center for the manpower from where the required personnel shall be sent to Dispensaries as per requirements from time to time.

(B) Under Civil, Plumbing and Horticulture Works

- (a) Required comprehensive day to day/periodic repairs and maintenance of the following :
  - (i) Buildings and ancillary structures existing in the Hospital premises and Dispensary complex.
  - (ii) Water Supply, Sanitary installation sand plumbing works.
  - (iii) External and Internal Drainage network(storm water and sewage)
  - (iv) Lawns, plants, landscaped areas etc.
- (b) Water quality to be maintained by resorting to periodic cleaning of water tanks and supply lines / appurtenances as per prescribed procedure.

### **General Conditions of Contract (GCC)**

#### **1. Definitions**

In the Contract (as herein after 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” mean the ESIC engineering personnel appointed for supervising this work under this Contract.
- (iii) “Contractor” / bidders / Tenderer 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 satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.

#### **3. Contractor’s Employees**

The Contractor shall provide on the Site qualified and experienced technical staff in connection with the Repair and Maintenance of the Works and the remedying of any defects therein. The minimum staff shall be as per description of work mentioned in BOQ.

#### **4. Engineer at Liberty to Object**

The Engineer shall be at liberty to object to and require the Contractor to remove forthwith from the Works any person provided by the contractor who, in the opinion of the Engineer, misconducts himself, or is incompetent or negligent in the proper performance of his duties, or whose presence on Site is otherwise considered by the Engineer to be undesirable, and such person shall not be again allowed upon the Works without the consent of the Engineer. Any Person so removed from the Works shall be replaced as soon as possible.

#### **5. Discrepancies and Adjustment of Errors**

The several documents forming the Contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawing and figured dimensions in preference to scale and special conditions in preference to General Conditions.

In the case of discrepancy between the schedules of Quantities, the Specifications and / or the Drawings, the following order of preference shall be observed:

- (i) Description of Schedule of Quantities.
- (ii) Particular Specification and Special Condition, if any.
- (iii) Drawings.
- (iv) CPWD Specifications.
- (v) Bureau of Indian Standards

If there are varying or conflicting provisions made in any one document forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.

Any error in description, quantity or rate in Schedule of Quantities or any omission there from shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contract.

#### **6. Safety, Security and Protection of the Environment**

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

- (i) Have full regard for the safety of all persons entitled to be upon the Site and keep the Site ( so far as the same is under his control ) and the Works ( so far as the same are not completed or occupied by the Employer )in an orderly state appropriate to the avoidance of danger to such persons, and
- (ii) Provide and maintain at his own cost all lights, guards, fencing, warning signs and watching, when and where necessary or required by the engineer or by any duly constituted authority for the protection of the Works or for the safety and convenience of the public or others, and
- (iii) Take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods or Repair.

**7. Insurance of work by the contractor for his liability**

- (i) During the Repair and Maintenance period for loss of damage to property and life arising from a cause for which contractor is responsible.
- (ii) For loss or damage occasioned by the Contractor in the Course of any repairs carried out by him for the purpose of complying with his obligations.

It shall be the responsibility of contractor to notify the Insurance Company of any change in the nature and extent of the works and to ensure the adequacy of the Insurance cover at all times during the period of contract.

**8. Damage to Persons and Property**

The Contractor shall, except if and so far as the Contract provides otherwise, indemnify the Employer against all losses and claims in respect of :

- a) Death of or injury to any person, or
- b) Loss or damage to any property (other than the Works):

Which may arise out of or in consequence of the Repair and Maintenance of the works and the remedying of any defects therein, and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect thereof.

**9. Accident or injury to Workmen**

The Employer shall not be liable for or in respect of any damages or compensation payable to any workman for death or injury resulting from any act or default of the contractor. The Contractor shall indemnify and keep indemnified the Employer against all such damages and compensation and expenses whatsoever in respect thereof or in relation thereto.

#### **10. 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.

#### **11. Default of contract or in Compliance**

In case of default on the Contractor in carrying out such instruction within the time specified therein or, if none, within a reasonable time, the Employer shall be entitled to employ and pay other persons to carry out the same and all costs consequent thereon or incidental thereto shall, be determined by the Engineer and shall be recoverable from the Contractor by the employer, and may be deducted by the Employer from any monies due or to become due to the Contractor and the Engineer shall notify the Contractor accordingly.

#### **12. Defect Identification and it's rectifications**

Agency shall immediately attend the defects and complaints noticed at site. The agency shall provide and develop a system for regular Repair and Maintenance of all the services which includes defects identifications and it's immediate rectification so, that services are not affected. It shall be the sole responsibility of the Repair and Maintenance agency that all the services are kept in functional condition round the clock during the currency of the contract.

Defect Liability period shall be 12 months from the date of completion of work under BOQ measurable works. The contractor shall rectify at his own expenses any defect in the work carried out by him during the period. On failure of the contractor to do so, the same shall be completed by the employer at the risk and cost of the contractor.

**13. Penalty for Delay**

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.

**14. Contractor's Failure to Carryout Instructions**

In case of default on the part of the Contractor in carrying out defect rectification works, the Employer / Engineer shall be entitled to employ and pay other persons to carry out the same and if such work, in the opinion of the Engineer, the Contractor was liable to do at his own cost under the contract, then all costs consequent thereon or incidental thereto shall be determined by the Engineer and shall be recoverable from the Contractor by the Employer, and may be deducted by the Employer from any monies due or to become due to the Contractor.

**15. Instructions for Variations**

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. Quarterly Statements for payments**

The Contractor shall submit a bill in 2 copies to the Engineer by 7<sup>th</sup> day of each Quarter for the work executed up to the end of previous month in tabulated form approved by



The Engineer, showing the amounts to which the Contractor considers himself to be entitled. The bill must be supported with the following documents:

- a) Verified Attendance sheet along with ECS/NEFT/RTGS/IMPS payment copy, wages sheets of all the workers and staffs deployed in terms of the Contract.
- b) Certified bills regarding miscellaneous materials purchased under different heads.
- c) Details of defects/complaints attended and rectified within time (Complaint form & Register).
- d) Any other documents asked by ESIC related to ARM works.
- e) ESIC&EPF Challans with list of workers.

#### **18. Quarterly Payments**

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

#### **19. Performance Guarantee**

Within two weeks of award of work, the contractor shall submit a Performance Guarantee for proper performance of the Contract in the format given in the bid document in the form of BG for 5 % of the bid / accepted amount. The performance guarantee shall be valid for the duration of the contract period (including extended period) plus 60 days. The performance security can be encashed by the Employer to recover any amount which is payable by the contractor to the Employer on any account for a cause arising out of the contract.

#### **20. Security Deposit**

In addition to Performance Guarantee, a sum @ 2.5 % of the gross amount of each running bill. Such deductions will be made and held by ESIC by way of security Deposit ( SD ) and shall be released after successful completion of the work plus 12 Month. All compensations of the other some of money payable by the contractor under the terms of the contract may be deducted from SD.

#### **21. Correction of Interim payment Certificates/Running Bill**

The Engineer may be any Interim Payment Certificate / Running Bill make any correction or modification in any previous interim payment Certificate / Running Bill which has been issued by him, and shall have authority, if any work is not being carried out to his satisfaction, to omit or reduce the value of such work in any Interim Payment

Certificate. All interim payments are to be regarded as advances against final payments.

## **22. Final Certificate/Payment**

Within 28 days after receipt of the Final Settlement / claim / Bill and the written discharge, the Engineer shall issue to the employer (with a copy to the Contractor) a Final Certificate stating:

- a) The amount which, in the opinion of the Engineer, is finally due under the Contract, and
- b) After giving credit to the Employer for all amounts previously paid by the Employer and for all sums to which the Employer is entitled under the Contract.

## **23. Default of Contractor & Termination of Contract**

If the performance of the contract and is not satisfactory and not corrected within 15 days of receiving notice, then Employer shall be at liberty to terminate the contract and get the work executed through other means at the risk and cost of the Contractor.

## **24. Dispute Resolution**

### **24.1 Amicable Settlement of Dispute**

The party shall use their best efforts to settle amicably all disputed arising out of or in connection this contract or the interpretation thereof.

### **24.2 Arbitration**

Any dispute and differences relating to the meaning of the specifications, designs, drawings and instructions herein before mentioned and as to the quality of workmanship of materials used in the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions or these conditions or otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof in respect of which : -

Amicable settlement has not been reached.

Shall be referred to the Sole Arbitration of the Chief Engineer, ESIC who shall proceed as per the Reconciliation Arbitration Act, 1996.

24.3 The work under the contract shall continue, during the Arbitration proceedings.

24.4 The award of the Arbitrator shall be final, conclusive and binding on both the parties.

**25. Payment on Termination**

In the event of termination of the contract, employer shall be at liberty to get balance work done at the risk and cost of the contractor and due payment of the contractor, if any, shall be released after the completion of whole of the works after due adjustment.

**26. Labour Laws to be complied by the Contractor**

The contractor shall obtain a valid license under the Contract Labour ( R & A ) Act, 1970, and the Contract Labour ( Regulation and Abolition ) Central Rules, 1971, before the commencement of the work, and continue to have a valid license until the completion of the work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation ) Act, 1986.

The contractor shall also comply with the provisions of the building and other Construction Workers (Regulation of Employment & Conditions of Service ) Act, 1996 and the building and other Construction Workers Welfare Cess Act, 1996.

Any failure to fulfill these requirements shall attract the penal provisions of this contract arising out of the resultant non – execution of the work.

**27. 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 / Dispensary 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.

**28. 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.

**29. 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.

**30. Disorderly Conduct**

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

**31. 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.

### **32. Adjustments for changes in Legislation**

The Contract Price shall be adjusted to take account of any increase or decrease in cost resulting from a change in the Laws of the country (including the introduction of new Laws and the repeal or modification of existing Laws) or in the judicial or official government interpretation of such Laws, made after the Base Date (the date on which tender is received in ESIC) which affect the Contractor in the performance of obligations under the Contract.

### **33. Insurance against injury to Persons and Damage to Property**

- (i) The Contractor shall effect and maintain in full force insurance against liability for claims, damages, losses and expenses ( including legal fees and expenses ) arising from injury, sickness, disease or death of any person employed by the Contractor or any other of the Contractor's personnel.
  
- (ii) The Employer shall also be indemnified under the policy of insurance, except that this insurance may exclude losses and claims to the extent that they arise from any act or neglect to the Employer or of the Employer's Personnel.

### **34. Others Terms & Condition**

1. Contractor will provide sufficient technical staff to maintain the office / prepare bill / store & other works which are to be executed under the ARM head as per CPWD norms for which no extra payment shall be made by ESIC.
2. Following Self Certificate to be provided by the Bidders:
  - a) **He has not been blacklisted in any work by any Central/State Government /PSUs/Autonomous Bodies and have satisfactory track record of compliance of statutory liabilities such as payment of Minimum Wages, ESI, EFP and GST etc. on time.**
3. It will be the responsibility of contract or to get the renewal of fire NOC and lift license, if any from concerned department and no extra cost will be paid except legal/statutory departmental fees on production of documentary proof.
4. Water of water tank should be tested from NABH accredited laboratory or any other Govt. approved lab on half yearly basis for which no extra payment will be made by ESIC.
5. ESIC will provide Water & Electricity from own source to the contractor and recovery of same will be made in monthly bill @ 1% of the total value of work done for whole some items. If they use their own water and electricity than the same shall not be deducted from the bill.
6. Space to be provided to agency by ESIC free of cost for setting up of Office as per approval of competent authority of ESIC till maturity / completion of work.

#### **Terms & Conditions**

The contractor shall provide necessary barriers, warning signals, and other safety measures while executing the work, wherever necessary, to avoid accidents. He shall also indemnify ESIC against any claims for compensation arising out of negligence in this respect.

The contractor shall be liable, in accordance with Indian laws and regulations, for any accident occurring due to any cause. The department shall not be responsible for any accident, damage, or claims arising there from during the execution of the work.

The contractor shall also provide all necessary insurance, including third-party insurance, to cover the risk. No extra payment shall be made to the contractor on account of the above provisions.

Safe custody, including watch and ward of the plant/system, all fixtures, and other machinery, shall be the entire responsibility of the contractor.

3. Cleaning of the entire system, units, rooms, machinery, and other equipment shall be the responsibility of the contractor. If the room is found unsatisfactory at any time by the department, a recovery of **Rs. 50/- per day** shall be made from the contractor's bill.
4. The contractor shall provide **first aid box facilities** for his staff at the site.
5. The firm must pay **Minimum Wages**, along with other allowances, and fulfill all statutory obligations such as **ESI, EPF, Bonus**, etc., for all employees covered under this contract.
6. For **holidays/Sundays**, no extra payment will be made. It shall be the contractor's duty to arrange **weekly offs or holidays** for the workers as per the existing labor laws.
7. The **ESIC** will not be a party in the event of any dispute between the contractor and his staff. The contractor shall be fully responsible for any dispute between him and his laborers. Whenever any major defect occurs in the system, the firm shall immediately inform the department for taking proper action.
8. The contractor shall provide and maintain an **attendance register** for the maintenance staff at the site, which shall be checked by the **Engineer-in-Charge**.
9. The contractor shall clean all **distribution boards, main boards, main switches, ceiling fans, fittings**, etc., to keep the system in a healthy and working condition.
10. Contractor has to maintain compliant register at his own cost. A complete record of all the complaints is to be entered in the register, the register is to be get checked by JE in-charge of the work.
11. Any damage made by the contractor or the staff of the contractor deployed at the site of work during contract period shall be made good by the contractor at his own cost.

12. The contractor shall submit the attested copies of credentials of all manpower to Engineer-in-Charge before start of the work and as and when demanded
13. The Contractor shall provide adequate nos. of mobile phone to their staff at site to enable the JE(E)/JE(C)/Engineer-in-charge to have easy and quick communication. Nothing extra shall be paid to the contractor on this account and his quoted rates for various items under this contract will be inclusive of this obligation also.

## 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.
- (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 :

#### a) **For DSR Items**

The rates shall be derived based on latest DSR rates + applicable Cost Index+ correction factor+ with deduction of quoted percentage rate.

#### b) **For NDSR Items**

The rates shall be derived based on Market Rates. An element of Contractor’s Profit (CP) @ 15 % shall be allowed with deduction of quoted percentage rate.

- 3. The works shall be carried out in accordance with CPWD specifications wherever CPWD specifications are not available / applicable, such items / piece of works will be carried out as per BIS / NBC / manufacturers specifications & operation manuals and sound engineering practices etc. and as per direction of engineer.
- 4. The contractor shall maintain proper maintenance office / service centre / Sewa Kendra where complaints shall be received from the complainants either through e – mail, hard



copies etc. A compliant Register shall also be properly maintained and updated daily in accordance with the direction of ESIC / Engineer – in – charge so that complaints are immediately registered and formalized in the maintenance system for their quick redressal within optimum time and with due diligence. Complaints through Gmail, Online Excel sheet, SMS & WhatsApp can be lodged by the concerned ESIC officials / bona fide residents 24 X 7 to the mobile phone of the contractors / Supervisory personnel and these complaints shall also be given due weight ages.

5. 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.

#### **TIME FRAME FOR ATTENDING COMPLAINTS**

| S No | Complaint Type (as defined by ESIC) | Maximum Time within which the complaints are to be attended |
|------|-------------------------------------|---|
| 1    | Emergent Complaints                 | 3 hours   |
| 2    | Minor Complaints                    | 1 day   |
| 3    | Major Complaints                    | 3 days  |
| 4    | Periodical Complaints               | 5 days  |

Following recovery shall be made from the admissible payments for delay in attending the complaints:

- (i) The recovery of Rs **500/- (Rupees Five Hundred Only)** per complaint per day of delay in attending emergency complaints or as directed by ESIC Engineer through mail or requisition form.
- (ii) A recovery of Rs **200/- (Rupees Two Hundred Only)** per complaint per day for delay in attending Major, Minor & periodical complaints beyond the time given as above.

Moreover,

6. All required register will be issued by Engineer-in-charge duly marked in chronological order but the contractor will have to arrange all such registers/stationery etc. nothing extra shall be paid on this account.

The contractor will have to arrange all the required Computer, furniture etc. at his own cost pertaining to his job and he will take all these things back only after the expiry of the agreement for which nothing extra shall be paid.

7. Workmen employed by the contractor should be well behaved, polite & courteous and the worker will clean the place where he has worked while attending the complaints .Any complaint against staff for bad behavior shall be taken very seriously and such staff shall be removed by the contractor within five days from the site and arrangement of

- suitable substitute for the same shall be done by contractor failing which the Engineer- in-Charge shall make recovery from contractor's bill as per corresponding condition.
8. Each worker shall maintain a complaint diary and get the signature from the concerned department / official to whom the complaint pertains, regarding attending the complaints. In case, it is found that the complaint has been attended unsatisfactorily, it will be considered as unattended. List of such complaints shall be submitted to the Assistant /Junior Engineer-in-Charge or his representative preferably on daily basis.
  9. Safety of the staff employed will be the responsibility of the contractor, ESIC shall not be responsible for any mishap, injury/accident or death of the staff. No claim in this regard shall be entertained/ accepted by the department.
  10. Operations in which assistance shall be provided by the maintenance agency / contractor to ESIC :
    - (i) Assistance for occupation and vacation for the quarters.
    - (ii) Assisting the department in detection of unauthorized encroachments in the area being maintained.
    - (iii) Informing to the ESIC regarding the failure in any service being provided by other departments, in so far as they affect the assets being maintained under this contract, so that they can be taken up with the concerned local body / department for rectification.
    - (iv) Contractor or his authorized representatives / nodal officials shall ensure connectivity on mobile round the clock so that they can be contacted by the ESIC officials / authorities so as to make them aware about the urgency of the situation in connection with the maintenance of the essential services in the hospital and dispensary premises. Contractor shall provide alternate mobile / telephone nos. for ease of communication. Nothing extra shall be paid to the contractor on this account and his quoted rates for various items under this contract will be inclusive of this obligation.
    - (v) Contractor shall ensure to attend / respond to the individual complaints within the time prescribed.
    - (vi) Contractor shall follow the citizen charter and model code for workers behavior as decided by Engineer-in charge.
    - (vii) Contractor shall facilitate visitors while they visit to service centre for lodging complaint in person or on phone.
  11. The Contractor shall provide credentials of all workmen to ESIC. No claim of contractor's employees/staff employed for subject work in any form shall be entertained by ESIC. Police verification of every deployed by the contractor shall be got done by the contractor compulsorily and a copy of police verification shall be provided to Engineer- in-Charge after which an identity card duly countersigned by Engineer-in-Charge or his representative shall be issued to each employee of the contractor for proper identification. ESIC may ask the Contractor to authenticate the presence of required number of manpower through Biometric Attendance System ( BAS ) based on AADHAR.

12. The contractor shall provide uniform with ESIC logo along with name Badge and shoes **within 15 days** of start of work. In the event of non-compliance **a recovery of Rs.25/- per day per employee** shall be made. The employee and labours engaged by the contractor under this contract shall wear neat and clean uniforms along with name badges as approved by the concerned engineer. Nothing extra shall be paid on this count.
13. 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.
14. 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.
15. 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.
16. 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.
17. Other 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.
18. On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials, the contract or hall be bound to follow all such restrictions and adjust the programme for execution accordingly. Nothing extra shall be paid for idle labour due to such construction.
19. The work shall be carried out in a manner complying in all respects with the requirements of relevant bye laws of the local bodies, labour laws, minimum wages act, workmen compensation act and other statutory laws enacted by Central Govt. as well as State Govt.
20. All the malba or rubbish obtained from dismantling or otherwise during the execution of work shall be collected in the mobile container arranged by contract or 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 by engineer-in-charge for every default per day till the final disposal of malba only after issuing a notice in writing by engineer-in-charge of work.

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.

The contractor shall depute required technical and non – technical / supporting personnel for carrying out civil and electro – mechanical maintenance works as per manpower deployment schedule vide Form (FB) – 1 so that the essential services should not get hampered in any manner for hospital and dispensaries & also for residential accommodations.

21. 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.
22. The Contractor shall follow, observe and comply with all applicable laws, rules, regulations and procedure including all Govt. of India and concerned Local Authority rules, procedures and regulations while performing Work under the Contract including planning, designing, detailing, executing, supervising etc. and obey instructions, rules and regulations of Agencies having jurisdiction as issued or applicable from time to time. The contract price and the rates under the Contract shall be deemed to be inclusive of all expenses required for complying with all such applicable laws, rules, regulations and procedures. The Contractor shall at all times safeguard the interests of the employer in performing the work under his scope.
23. 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 contract or for storing the material.
24. 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.
25. 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.

26. The cement mortar/cement concrete shall not be mixed or mixed cement mortar / cement concrete shall not be placed on the ground /roads/pucca floor in any case during the execution of work at site. The cement mortar / cement concrete will only be mixed on MS sheet/sheet of other material suitable size. In case of default, the Engineer-in-charge of work shall reject the cement mortar / cement concrete out rightly if cement mortar/cement concrete mixed on ground/floor/slab/road and such cement mortar/cement concrete shall be removed from the site of work by the agency at his own cost.
27. All dismantled material shall remain the property of the ESIC and shall be taken away by the contractor after taking approval of Engineer-in-charge of ESIC in writing as per “**schedule of credit I & II**” for dismantled materials for which deduction will be made accordingly from contractor bills.
- Chases, holes & drilling works etc. shall be done using power operated tools by observing due diligence so that the existing structure / facilities should not get unduly disturbed / harmed / disfigured.
28. 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.
29. The quoted rate shall be inclusive of any prevailing taxes, duties, levies imposed by the Central /State government/Local bodies. Any new taxes levied after opening of financial bid shall be considered by ESIC for reimbursement (in case of additional burden / increase in financial implications) or recovery in case of decrease in financial implications due to such changes. Income Tax as applicable shall be deducted from the payments of the contract as per extant Rule.
30. The contractor shall comply with proper and legal orders and directions of the local or public authority or Municipality / local body / administration and abide by their rules and regulations and pay all fees, cess and charges of which he may be liable as per statutes /orders.

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.

The contractor shall also give due notices to Municipality, Police and/ or other authorities under intimation to the Engineer in Charge 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.

31. 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.

Materials used shall be in order of preferences asunder:-

- (i) Under the Nomenclature of the item
- (ii) Particular specifications and special conditions.
- (iii) CPWD specifications for Civil works.
- (iv) ISI marked/conforming to BIS.
- (vi) Approved by ESIC engineer.

32. 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.

33. Contractor shall give the details of complaints attended at least once in a week mandatorily to the concerned JE/In-charge in Charge.

34. The contractor shall maintain proper attendance records of workmen deployed at the site of work which will be checked by the ESIC engineer / Staff of verification etc. In case of absence of any workmen, the recovery shall be made at the following rates :

| S.No. | Category of Workmen | Rate of Recovery per day per person ( Rs. ) | Remarks   |
|-------|---------------------|---|---|
| 1.    | Supervisors         | 2,000/-                                     | In case workmen are found absent for particular hours of the day, the recovery shall be made on pro –rata basis by considering 8 hrs. of the duty in a day. |
| 2.    | Highly Skilled      | 1,500/-                                     |   |
| 3.    | Skilled             | 1,200/-                                     |   |
| 4.    | Semi–Skilled        | 1,000/-                                     |   |
| 5.    | Unskilled           | 800/-                                       |   |

35. 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.

36. The contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants or occupiers of adjacent properties and to the public in general and to prevent any damage to such properties from pollutants like smoke, dust, noise. The contractor shall use such methodology and equipment so as to cause minimum environmental pollution of any kind during construction and minimum hindrance to road users and to occupants of the adjacent properties or other services running adjacent/near vicinity. The contractor shall make good at his cost and to the satisfaction of the Engineer-in-Charge, any damage to roads, paths, cross drainage works or public or private property whatsoever caused due to the execution of the work or by traffic brought thereon by the contractor. All waste or superfluous materials shall be carried away by the contractor, without any reservation, entirely to the satisfaction of the Engineer-in-Charge.
37. The Contractor shall ensure the readiness and functionality of all equipments, accessories and plants related to fire safety aspects of the hospitals and other buildings existing in the campus as a whole so that the entire premise is free from any potential fire hazards. Periodic fire drills are also required to be done by the Contractor in consultation with ESIC and local Fire Inspectors / Officials as per norms. Any deficiencies detected during the fire drills regarding dysfunctionality of fire safety equipments, accessories and plants and evacuation measures shall be made good immediately by the Contractor in consultation with ESIC and local Fire Inspectors / Officials. Supervisor (Fire Safety) which is to be deployed by the Contractor with proper qualifications and experience is responsible for all the actions enumerated above. The Contractor is also required to deploy Fire Technician of required qualifications and experience to assist Supervisor (Fire Safety) in this endeavor. Supervisor (fire Safety) along with Fire Technician will be functioning as a core fire safety squad for ensuring that the complex is secured from fire safety angles all the time.
38. Indicative list of material & tools for day to day maintenance, which does not include some more items which required for day to day maintenance, same may be arrange by the contractor without any extra cost.

| S.No | Job           | Material  | Tools with tool bag  |
|------|---------------|---|--|
| 1    | Plumbing work | GI/PVC/UPVC/CPVC pipes & fittings of all nominal bore, SCI/CCI pipes & fittings of all sizes, internal parts of CP brass fittings, CP extension pieces of all sizes, internal parts of cistern, M Seal, Teflon tape PVC Seat cover of EWC, all PTMT | Pipe wrench, Pipe cutter, Pipe vice, Pipe die stock, Files, Plier , bench vice, Caulking tools, measuring tape, Hacksaw, Screw driver, Spanners, Chisels, Hammers, Grinding machine, Pressure Pump (to open blockage in Water pipes)etc. |

|   |                      |   |   |
|---|----------------------|---|---|
|   |                      | <p>fittings, looking Mirror 600x450mm size, all CP/ PTMT gratings, CP/PTMT waste &amp; , PVC waste pipe for wash basin/sink/urinal, PVC cistern, PVC connection pipes of all size, Brass stop cock/gate valve/ float valve etc.</p>   |   |
| 2 | Carpentry            | <p>Commercial &amp; decorative Plywood (all thickness), wood( Hollock &amp; teak), All aluminum/stainless steel/brass doors &amp; windows fitting of all sizes, Hydraulic door closer, wooden beadings, All type &amp; size CP brass/ SS/ Aluminum screws, nails, adhesive, silicon sealant, float/frosted glass panes of all sizes &amp; thickness, SS wire mesh, glass putty etc.</p> | <p>Drilling Machine Battery/ electric operated (ordinary as well as hammer drilling), Planer, Saw, Screw Driver, Hammer, Chisels, Auger, Try Square, tape Scribing Knife, Marking Gauge and Marking Point, Pliers, Glass cutting knife etc.</p> |
| 3 | Painting & Polishing | <p>All type of Paints &amp; primer, POP, Cement based wall putty, wooden sealer, spirit, muslin cloth, melamine, masking tape, Sand paper, etc.</p>   | <p>Brushes, Roller, sand grinder machine, putty Knife/plate (patti), PVC/ foam sheet cover, ladder etc.</p>   |
| 4 | Masonry work         | <p>Cement, fine/coarse sand stone aggregate of all nominal sizes, Bricks, Ceramic/vitrified tiles of all sizes &amp; shade, araldite, SFRC covers &amp; frames of all sizes etc.</p>  | <p>Trowel, Try Square, Straight edge, Plumb bob, String (Nylon rope), tape, Brick Hammer, Floats, Tamping rod, Hand Grinding Machine, Fiber sheet for mortar mixing etc.</p>  |
| 5 | Sewer man            | <p>Cleaning material,</p>   | <p>Pump, Pusher rod, Brushes for cleaning, iron rod, Gumboots, Hand</p>   |



|   |         |  |   |
|---|---------|--|---|
|   |         | Disinfectant etc.  | gloves, Broom sticks, Brooms (both soft & hard), Basket or Bucket for dust & waste Collection, cleaning material (Acid, Vim, Soap, Scrubber), Safety tools etc. |
| 6 | Welding | MS structural steel sections of all sizes & type, Welding rod etc, | Electric Welding machine, Eye shield, Grinder, cutter, electric cable, safety tools, transportation system etc.   |
| 7 | Helper  |  | Pickaxe (Gainti), Kassi, Spade, Crow bar, Rammer, Hammer, Basket etc.   |

**General Tools:-**Ladder, Gauge measure, Measuring Tapes (3 M, 15 M, 30 M), Measuring Box (40cm x 35cm x 25cm), Steel rule, Wooden Ballies & Planks, Scaffolding Steel pipes, Shuttering plates, Rubber pipes, Water level & Water level pipe, Spirit level, Grinding stone, Rickshaw/ Trolley for moving materials at site. Shuttering and scaffolding materials, Jhoola (for working at heights), Cutter Machine (for cutting metal, wood, concrete & other flooring upto 2" thickness).

**List of General Safety tools:-** (With minimum Qty) required to be kept by Contractor (First aid Box – 1 Nos. Safety belt with rope -. Protective Goggles. Face Mask -. Hand gloves - Helmets - Safety shoes (With socks) - (For Each Worker) Safety Jacket / Apron - (For Each Worker) Caps/hats (for summer) - (For Each Worker).

### **Work Specification for Civil& Plumbing Works**

1. The weight and thickness of the material should be as per CPWD Specification/relevant IS Code / manufacturer specifications/BIS Norms.
2. Any material shall be used in the work only after due approval from the ESIC engineer.

**INTEGRITY PACT**

**(On Bidder's Letter Head)**

To,

The Regional Director ESI Corporation, 107, Ramnagar Road,  
Jagannath Chowk, Kota, Raipur- 492010

**Subject: Annual Repairs and Maintenance (Civil) of 100 Bedded ESI Hospital and its staff  
quarter Raipur on self execution basis for one Year (2025-26).**

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**

This Integrity Agreement is made at.....on this.....day of.....2018

**BETWEEN**

Regional Director, ESIC RO, 107, Ramnagar Road, Jagannath Chowk, Kota, Raipur Chhattisgarh 492010 '**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 Bidder) 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**

WHERE AS the Principal/ Owner has floated the Tender (**NIT No.....**) (herein after referred to as "**Tender/Bid**") and intends to award, under laid down organizational procedure, contract for:- Annual Repairs and Maintenance (Civil) of 100 Bedded ESI Hospital and its staff quarter Raipur on self execution basis for one Year (2025-26).Here in after referred to as the "**Contract**".

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

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

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

## **Article1: Commitment of the Principal/Owner**

- 1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:
  - (a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
  - (b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.
  - (c) The Principal / Owner shall endeavor to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- 2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles here in 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.

## **Article2: Commitment of the Bidder(s)/Contractor(s)**

- 1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
- 2) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
  - (a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to

obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.

- (b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
  - (c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
  - (d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent 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.
  - (e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose (with each tender as per proforma enclosed) any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- 3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.**

- 5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

### **Article3: 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 Indian Penal code (IPC)/Prevention of Corruption Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

### **Article4: Previous Transgression**

- 1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the

Anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.

- 2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ 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 subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/ sub-vendors.
- 2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

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

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, CPWD.

#### **Article 7- Other Provisions**

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the **Head quarters of the Division** of the Principal/Owner, who has floated the Tender.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.



- 3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.
- 4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this **Integrity Agreement/Pact or interpretation thereof shall not be subject to arbitration.**

**Article 8- LEGAL AND PRIOR RIGHTS**

All rights and remedies of the parties here to 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 Principal/Owner)**

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

**WITNESSES:**

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

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

**Place:**

**Dated:**

## TENDER

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 for ever. Also, if such a violation comes to the notice of ESIC before date of start of work, the Regional Director, ESIC, RO, Raipur 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 Witness:  
Name &Address:  
Occupation: Contact  
Details:

Signature of Bidder (with Seal)  
Postal Address

# 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 (Here in after called" the said contractor(s)”) for the work

..... (Here in 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 not withstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating there to, 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 forbear 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 upto ..... unless extended on demand by Corporation. Notwithstanding 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)**

## Technical Bid Forms

| <b>S.No.</b> | <b>Form</b> | <b>Particular</b>   |
|--------------|-------------|---|
| 1.           | A           | DETAILS OF ELIGIBLE SIMILAR NATURE OF WORKS COMPLETED DURING THE LAST SEVEN YEARS ENDING PREVIOUS DAY OF LAST DATE OF SUBMISSION OF TENDERS |
| 2.           | B           | FINANCIAL INFORMATION   |
| 3.           | C           | FORM OF BANKER'S CERTIFICATE FROM A SCHEDULED BANK  |
| 4.           | D           | STRUCTURE & ORGANISATION  |
| 5.           | E           | LETTER OF TRANSMITTAL   |

**FORM 'A'**

**EXPERIENCE OF COMPANY**

Experience Certificate to be submitted in same / similar type of Performa as per eligibility condition.

|   |  |  |
|---|--|--|
| 1 | Project title & Location:  |  |
| 2 | Name of the Client and Address:  |  |
| 3 | Describe area of participation (Specific Work done/services rendered by the applicant) |  |
| 4 | Period of work Done/Services rendered for the project                                  |  |
| 5 | Total cost of similar nature of work as per completion Certificate                     |  |
| 6 | Date of start of the work  |  |
| 7 | Date of completion of the work   |  |
| 8 | Completion Certificate issued by   |  |
| 7 | Any other details  |  |

Sign of Client/Competent Authority:.....

Date:.....

Place:.....

**FORM 'B'**

**FINANCIAL INFORMATION**

Name of the Firm/Contractor:.....

| <b><u>S.No.</u></b> | <b><u>Particulars</u></b>                                  | <b><u>Financial year</u></b> |                       |                       |
|---------------------|--|------------------------------|-----------------------|-----------------------|
|                     |  | <b><u>2022-23</u></b>        | <b><u>2023-24</u></b> | <b><u>2024-25</u></b> |
| 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

**FORM 'C'**

**FORM OF BANKER'S CERTIFICATE FROM A SCHEDULED BANK**

This is to certify that to the best of our knowledge & information that M/s.....  
having marginally noted address, a customer of our bank is respectable & can be treated as good for any engagement up to a  
limit of Rs..... (Rupees).

This certificate is issued without any guarantee or responsibility on the bank or any of the  
officers.

SIGNATURE

(FOR BANK)

**Note:**

- (i) Bankers' Certificate should be on letter head of the bank and addressed to **Regional Director, ESIC Regional Office, Raipur, Chhattisgarh- 492010.**
- (ii) In case of partnership firm, Certificate should include names of all partners as recorded with the bank.



**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.
- 3 ....

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'**

**LETTER OF TRANSMITTAL**

(On Bidder's Letter Head)

To

The Regional Director, ESIC RO,

Jagannath Chowk, Kota,  
Raipur-492010

**Subject: Annual Repairs and Maintenance(Civil) of 100 Bedded ESI Hospital and its staff quarter Raipur on self execution basis for one Year (2025-26)**

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 "D" and accompanying statement 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 **Regional Director, ESIC, RO, Raipur** to approach the Bank issuing the solvency certificate to confirm the correctness thereof. I/We also authorized **Regional Director, ESIC, RO, Raipur** 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

**PROPOSAL OF FINANCIAL BID**

## FINANCIAL BID

**Name of work: Annual Repairs and Maintenance (Civil) of 100 Bedded ESI Hospital and its staff quarter Raipur on self execution basis for one Year (2025-26)**

| <b>ABSTRACT OF SUMMARY</b>    |                                 |                     |                   |               |
|-------------------------------|---------------------------------|---------------------|-------------------|---------------|
| Sl. No.                       | Description                     | Amount (in Rs.)     | Amount (in words) | Annexure      |
| 1                             | ARM WORK(Civil)-Non-Residential | 71,85,447.00        |                   | Annexure –I   |
| 2                             | ARM WORK(Civil)-Residential     |                     |                   | Annexure –II  |
| 3                             | MANPOWER                        | 25,14,374.00        |                   | Annexure –III |
| <b>Total (in figures) Rs.</b> |                                 | <b>96,99,821.00</b> |                   |               |

Total (In words) : Rs. **Ninety-six lakh ninety-nine thousand eight hundred twenty-one only.**

**NOTE :**

1. Quantities may vary as per the site condition. But Payment shall be made as per actual execution of work at site.
2. Rates quotes shall be firm and fixed and are inclusive of cost of manpower, material, machinery tools, plant and taxes/duties, etc. It may be noted that rate quoted shall be inclusive of all taxes like GST and other applicable statutory taxes and charges. "No taxes /statutory liabilities should be quoted as "EXTRA" failing which tender will be rejected.
3. **There should not be any difference / deviation in the quoted amount in figures and words. In case of any difference, the amount quoted in words shall be considered for evaluation purpose.**
4. **Note:** The quoted wages of Manpower should not be less than the latest minimum wages as notified by Central Labour Commissioner as applicable for Respective Location. The total wages per person should be inclusive of ESI, EPF, Bonus and other statutory liabilities. Quoted Wages will be same for whole contract period as notified by Central Labor Commissioner.

SIGN OF TENDERER

**Annual Repairs and Maintenance (Civil) of 100 Bedded ESI Hospital and its staff quarter Raipur on self execution basis for one Year (2025-26)**

**ABSTRACT OF COST FOR ARM WORKS AT ESI HOSPITAL, RAIPUR, CHATTISGARH**

| <b>S.No.</b> | <b>PARTICULARS</b>                            | <b>AMOUNT</b>       |
|--------------|---|---------------------|
| <b>A</b>     | <b>Manpower For ARM &amp; Operations</b>      | <b>2,514,374.00</b> |
| <b>B</b>     | <b>Supply of Material</b>                     |                     |
|              | Civil, Plumbing, Sanitary & Horticulture item | 801,715.73          |
|              | Total B                                       | <b>801,715.73</b>   |
| <b>C</b>     | <b>Item Works</b>                             |                     |
| i)           | Civil, Plumbing, Sanitary                     | 5,567,001.70        |
| ii)          | Horticulture Works                            | 816,729.33          |
|              | Total C                                       | <b>6,383,731.03</b> |
|              | <b>Total of A+B+C</b>                         | <b>9,699,820.76</b> |
|              | <b>Grand Total (In Lakh)</b>                  | <b>97.00</b>        |

Notes: 1. Above mentioned rates are inclusive of GST, labour cess, CPOH, wages of the worker as per the latest CLC norms.

Civil Manpower for ARMO

| S<br>·<br>N<br>O   | Supply and Services<br>of workers.<br>(Regular) | Categ<br>ory      | Duty<br>Hours/Shi<br>ft      | No.<br>of<br>Man<br>Per<br>Day | Total<br>working<br>days (IN<br>YEAR) | Wage<br>per day  | Cost per Year in Rs.  |
|--------------------|---|-------------------|------------------------------|--------------------------------|---------------------------------------|------------------|-----------------------|
| 1                  | Mason / Welder (on<br>call )                    | Skille<br>d       | General<br>duty              | 1                              | 60                                    | 1<br>3<br>5<br>7 | ₹ 81,420.00           |
| 2                  | Plumber   | Skille<br>d       | General/<br>01 Shift<br>duty | 2                              | 365                                   | 1<br>3<br>5<br>7 | ₹ 990,610.00          |
| 3                  | Carpenter (On Call)                             | Skille<br>d       | General<br>duty              | 1                              | 60                                    | 1<br>3<br>5<br>7 | ₹ 81,420.00           |
| 4                  | Sewer Man                                       | Un<br>Skille<br>d | General<br>duty              | 1                              | 313                                   | 1<br>0<br>8<br>7 | ₹ 340,231.00          |
| 5                  | Helper  | Un<br>Skille<br>d | General<br>duty              | 2                              | 313                                   | 1<br>0<br>8<br>7 | ₹ 680,462.00          |
| 6                  | Gardener (Mali)                                 | Un<br>Skille<br>d | General<br>duty              | 1                              | 313                                   | 1<br>0<br>8<br>7 | ₹ 340,231.00          |
| <b>Total</b>       |   |                   |                              | <b>8</b>                       | <b>1424</b>                           |                  | <b>2514374.00</b>     |
| <b>Grand Total</b> |   |                   |                              |                                |                                       |                  | <b>₹ 2,514,374.00</b> |
| Say in Lakh        |   |                   |                              |                                |                                       |                  | <b>25.14</b>          |

Note :Welder/Mason , Carpenter number may increase or decrease as per requirements

| NAME OF WORK :- Annual Repairs and Maintenance(Civil) of ESIC Hospital Raipur for one Year (2025-26) |                    |                        |                          |                   |              |                               |                             |            |                 |                     |                        |             |                                 |                                     |
|--|--------------------|------------------------|--------------------------|-------------------|--------------|-------------------------------|-----------------------------|------------|-----------------|---------------------|------------------------|-------------|---------------------------------|-------------------------------------|
| Supply of Labour   |                    |                        |                          |                   |              |                               |                             |            |                 |                     |                        |             |                                 |                                     |
| S.No   | Category of Worker | Wages Per Day (B Area) | Monthly Salary (26 Days) | PF (13% of 15000) | Esic (3.25%) | Bonus 8.33% (Minimum) of 7000 | Average Monthly Expenditure | CPOH @ 15% | Total with CPOH | Add Labour Cess@ 1% | Total With Labour Cess | Add GST 18% | Total with GST Monthly Expenses | Average Daily Wages (All Inclusive) |
| 1  | Skilled            | 893.00                 | 23,218.00                | 1,950.00          | -            | 583.10                        | 25,751.10                   | 3,862.67   | 29,613.77       | 296.14              | 29,909.90              | 5,383.78    | 35,293.69                       | 1,357.00                            |
| 2  | Un Skilled         | 674.00                 | 17,524.00                | 1,950.00          | 569.53       | 583.10                        | 20,626.63                   | 3,093.99   | 23,720.62       | 237.21              | 23,957.83              | 4,312.41    | 28,270.24                       | 1,087.00                            |

Note:- AS per Oct-2025 Central Govt. Wages  
WEF dt 01.10.2025

## Civil, Plumbing & Sanitary Items

| NAME OF WORK :- Annual Repairs and Maintenance(Civil) of 100 Bedded ESIC Hospital and its Staff quarter Raipur on self execution basis for one Year (2025-26) |                    |   |        |      |        |          |
|---|--------------------|---|--------|------|--------|----------|
| S No..  | DSR 2023 ITEM NO.s | Item  | Unit   | Qty. | Rate   | Amount   |
|   |                    |   |        |      |        | DSR      |
| 1   | 455                | Stainless steel SS grade 304, curtain rod 25 mm dia 1.20mm thick                        | metre  | 10   | 187.00 | 1,870.00 |
| 2   | 456                | Stainless steel SS grade 304, brackets ( curtain rod) 20 mm dia 1.20mm thick each 46.00 | Each   | 10   | 50.00  | 500.00   |
| 3   | 457                | 0457 Stainless steel SS grade 304, brackets ( curtain rod) 25 mm dia 1.20mm thick       | Each   | 10   | 60.00  | 600.00   |
| 4   | 553                | 100mm SS fancy handle for kitchen cabinet   | 10 nos | 10   | 508.00 | 5,080.00 |
| 5   | 554                | 100mm SS fancy handle for kitchen cabinet   | 10 nos | 10   | 710.00 | 7,100.00 |
| 6   | 0584               | Chromium plated Brass Wardrobe Knob 50 mm   | each   | 10   | 93.00  | 930.00   |
| 7   | 593                | C.P. brass extension nipples (1/2"x2" size)   | each   | 10   | 46.00  | 460.00   |
| 8   | 0594               | MS But hinges( a) 125x65x2.12 mm  | 10 nos | 2    | 122.00 | 244.00   |
| 9   | 0595               | ( b ) 100x58x1.90 mm  | 10 nos | 2    | 80.00  | 160.00   |
| 10  | 0597               | ( c ) 50x37x1.50 mm   | 10 nos | 2    | 49.00  | 98.00    |
| 11  | 641                | Bright finished or black enameled mild steel bolts and nuts 50x6                        | each   | 2    | 6.00   | 12.00    |
| 12  | 0655               | Oxidised mild steel double acting spring hinges 100 mm                                  | each   | 2    | 130.00 | 260.00   |
| 13  | 0660               | Oxidised mild steel sliding door bolt 300x16 mm   | each   | 6    | 100.00 | 600.00   |
| 14  | 0661               | Oxidised mild steel sliding door bolt 250x16 mm   | each   | 6    | 85.00  | 510.00   |
| 15  | 0662               | Oxidised mild steel door latch 300x20x6 mm  | each   | 6    | 55.00  | 330.00   |
| 16  | 0663               | Oxidised mild steel door latch 250x20x6 mm  | each   | 6    | 42.00  | 252.00   |
| 17  | 0665               | Oxidised mild steel tower bolt (barrel type) 200x10 mm                                  | each   | 10   | 36.00  | 360.00   |
| 18  | 0666               | Oxidised mild steel tower bolt (barrel type) 150x10 mm                                  | each   | 10   | 30.00  | 300.00   |
| 19  | 0668               | Oxidised mild steel handles 125 mm  | each   | 10   | 21.00  | 210.00   |

|    |      |  |         |     |              |              |
|----|------|--|---------|-----|--------------|--------------|
| 20 | 0669 | Oxidised mild steel handles 100 mm   | each    | 10  | 16.<br>00    | 160.<br>00   |
| 21 | 0680 | Oxidised mild steel hasps and staples (safety type) 115 mm   | 10 nos  | 3   | 112.<br>00   | 336.<br>00   |
| 22 | 697  | Anodised Aluminium sliding door bolt 250x16 mm   | each    | 2   | 130.<br>00   | 260.<br>00   |
| 23 | 698  | Anodised Aluminium tower bolt (barrel type) 300x10 mm  | 10 nos  | 3   | 610.<br>00   | 1,830.<br>00 |
| 24 | 699  | Anodised Aluminium tower bolt (barrel type) 250x10 mm  | 10 nos  | 3   | 505.<br>00   | 1,515.<br>00 |
| 25 | 700  | Anodised Aluminium tower bolt (barrel type) 200x10 mm  | 10 nos  | 3   | 400.<br>00   | 1,200.<br>00 |
| 26 | 701  | Anodised Aluminium tower bolt (barrel type) 150x10 mm  | 10 nos  | 2   | 320.<br>00   | 640.<br>00   |
| 27 | 702  | Anodised Aluminium tower bolt (barrel type) 100x10 mm  | 10 nos  | 2   | 240.<br>00   | 480.<br>00   |
| 28 | 703  | Anodised Aluminium handles 125 mm with plate 175 x 32 mm   | 10 nos  | 2   | 335.<br>00   | 670.<br>00   |
| 29 | 704  | Anodised Aluminium handles 100 mm with plate 150 x 32 mm   | 10nos   | 2   | 290.<br>00   | 580.<br>00   |
| 30 | 705  | Anodised Aluminium handles 75mm with plate 125 x 32 mm   | 10nos   | 2   | 245.<br>00   | 490.<br>00   |
| 31 | 0763 | Glue   | kg      | 8   | 80.<br>00    | 640.<br>00   |
| 32 | 828  | anti corrosive bituminous paint (Black)  | litre   | 10  | 120.<br>00   | 1,200.<br>00 |
| 33 | 834  | Synthetic enamel paint in all shades except black or chocolate shade   | litre   | 30  | 178.<br>00   | 5,340.<br>00 |
| 34 | 845  | Roofing paint for iron sheet in red colour   | litre   | 10  | 135.<br>00   | 1,350.<br>00 |
| 35 | 886  | Standard holder bat clamps for sand cast iron or cast iron pipes 150mm dia   | each    | 10  | 50.<br>00    | 500.<br>00   |
| 36 | 966  | Sand Cast iron plain shoe 150 mm dia   | each    | 10  | 320.<br>00   | 3,200.<br>00 |
| 37 | 0983 | Fine Sand  | cum     | 6   | 980.<br>00   | 5,880.<br>00 |
| 38 | 1007 | Structural steel such as tees, angles, channel and RS joists   | quintal | 1   | 5,965.<br>00 | 5,965.<br>00 |
| 39 | 1034 | Bolts and nuts up to 300 mm in length  | quintal | 1   | 5,200.<br>00 | 2,600.<br>00 |
| 40 | 1219 | Wire nails   | kg      | 30  | 58.<br>00    | 1,740.<br>00 |
| 41 | 1245 | Acid for cleaning tiles  | litre   | 100 | 20.<br>00    | 2,000.<br>00 |
| 42 | 1309 | C.I. bracket for wash basin and sinks  | pair    | 50  | 95.<br>00    | 4,750.<br>00 |
| 43 | 1313 | 8 mm dia C.P. Brass/ S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate for European type W.C. | each    | 5   | 220.<br>00   | 1,100.<br>00 |
| 44 | 1339 | Brass bib cock 15mm dia  | each    | 40  | 230.         | 9,200.       |



|    |      |  |      |     |          |           |
|----|------|--|------|-----|----------|-----------|
|    |      |  |      |     | 00       | 00        |
| 45 | 1340 | Brass bib cock 20mm dia  | each | 40  | 245.00   | 9,800.00  |
| 46 | 1342 | Brass stop cock 15mm dia   | each | 10  | 230.00   | 2,300.00  |
| 47 | 1343 | Brass stop cock 20mm dia   | each | 15  | 245.00   | 3,675.00  |
| 48 | 1350 | Mosquito proof coupling of approved design                               | each | 100 | 35.00    | 3,500.00  |
| 49 | 1353 | C.I. cover without frame 300x300 mm inside i/c cover of 4.50 kg          | each | 10  | 525.00   | 5,250.00  |
| 50 | 1366 | C.I. grating 150x150 mm  | each | 10  | 55.00    | 550.00    |
| 51 | 1369 | S.C.I. gully or nahani grating 100 mm dia                                | each | 40  | 28.00    | 1,120.00  |
| 52 | 1392 | Mirror of superior make glass 60x45 cm                                   | each | 40  | 450.00   | 18,000.00 |
| 53 | 1396 | vitreous china pedetal for wash basin                                    | each | 10  | 1,000.00 | 10,000.00 |
| 54 | 1545 | G.I. pipes 15 mm dia   | mtr  | 10  | 107.00   | 1,070.00  |
| 55 | 1546 | G.I. pipes 20 mm dia   | mtr  | 10  | 139.00   | 1,390.00  |
| 56 | 1547 | G.I. pipe 25mm nominal bore  | mtr  | 10  | 197.00   | 1,970.00  |
| 57 | 1548 | G.I. pipe 32mm nominal bore  | mtr  | 10  | 247.00   | 2,470.00  |
| 58 | 1549 | G.I. pipes 40 mm dia   | mtr  | 10  | 290.00   | 2,900.00  |
| 59 | 1550 | G.I. pipe 50mm nominal bore  | mtr  | 2   | 390.00   | 780.00    |
| 60 | 1608 | G.I. Tee 25 mm nominal bore  | each | 5   | 70.00    | 350.00    |
| 61 | 1614 | G.I. inlet connection  | each | 1   | 70.00    | 70.00     |
| 62 | 1641 | G.I. Union 15mm nominal bore   | each | 1   | 40.00    | 40.00     |
| 63 | 1642 | G.I. Union 20mm nominal bore   | each | 5   | 60.00    | 300.00    |
| 64 | 1643 | G.I. Union 25mm nominal bore   | each | 1   | 125.00   | 125.00    |
| 65 | 1644 | G.I. Union 32mm nominal bore   | each | 1   | 160.00   | 160.00    |
| 66 | 1646 | G.I. Union 50mm nominal bore   | each | 1   | 330.00   | 330.00    |
| 67 | 1689 | Unplasticised PVC. Connecting pipe wit brass union 45 cm long 15 bore.   | each | 20  | 38.00    | 760.00    |
| 68 | 1872 | white viterous china laboratory sink 600x450x200 mm                      | each | 6   | 2,750.00 | 16,500.00 |
| 69 | 1875 | White platic seat ( solid ) with lid C.p. brass hindge and rubber buffer | each | 8   | 451.00   | 3,608.00  |
| 70 | 1890 | Centrifugally SCI(spun) S & S P or S trap                                | each | 5   | 358.00   | 1,790.00  |

|    |      |   |      |    |          |           |
|----|------|---|------|----|----------|-----------|
|    |      |   |      |    | 00       | 00        |
| 71 | 1898 | 100 mm S.C.I. trap with 100 mm inlet and 75 mm outlet   | each | 5  | 242.00   | 1,210.00  |
| 72 | 1904 | S.W. gully trap P type 180x150 mm   | each | 8  | 253.00   | 2,024.00  |
| 73 | 1915 | Vitreous china squatting plate urinal   | each | 8  | 1,158.00 | 9,264.00  |
| 74 | 1922 | H.P.or I.P. ball valve with polythine floats : 15mm dia   | each | 5  | 237.00   | 1,185.00  |
| 75 | 1926 | 20 mm dia Gunmetal gate valve with wheel  | each | 1  | 358.00   | 358.00    |
| 76 | 1927 | Brass full way valve with C.I wheel ( screwed end ) 25 mm dia   | each | 1  | 413.00   | 413.00    |
| 77 | 1928 | Brass full way valve with C.I wheel ( screwed end ) 32 mm dia   | each | 1  | 457.00   | 457.00    |
| 78 | 1929 | Brass full way valve with C.I. wheel (screwed end) 40 mm dia  | each | 1  | 550.00   | 550.00    |
| 79 | 1930 | Brass full way valve with C.I wheel ( screwed end ) 50 mm dia   | each | 1  | 688.00   | 688.00    |
| 80 | 1947 | vitreous china flat back wash basin 630x450mm   | each | 2  | 798.00   | 1,596.00  |
| 81 | 1951 | C.P. brass waste 32 mm  | each | 5  | 94.00    | 470.00    |
| 82 | 1952 | C.P. brass waste 40 mm  | each | 3  | 110.00   | 330.00    |
| 83 | 1954 | Vitreous china orrisa type W.C. pan size 580 mm   | each | 10 | 1,350.00 | 13,500.00 |
| 84 | 1964 | Bolts and nuts 27 mm dia 100 mm long  | each | 8  | 40.00    | 320.00    |
| 85 | 1970 | Vitreous china foot rests 250x125x25 mm   | pair | 2  | 108.00   | 216.00    |
| 86 | 2393 | 1 mm thick SS cover plate grade 304   | kg   | 1  | 306.00   | 306.00    |
| 87 | 2406 | Float glass panes of nominal thickness 4 mm ( weight not less than 10 kg/sqm)   | sqm  | 30 | 321.00   | 9,630.00  |
| 88 | 2407 | Float glass panes of nominal thickness 5.5 mm ( weight not less than 13.50 kg/sqm)  | sqm  | 30 | 529.00   | 15,870.00 |
| 89 | 2412 | Ply wood 5 ply 6mm thick  | sqm  | 30 | 321.00   | 9,630.00  |
| 90 | 2413 | 12 mm commercial ply  | sqm  | 30 | 527.00   | 15,810.00 |
| 91 | 2414 | 18mm thick block board  | sqm  | 6  | 792.00   | 4,752.00  |
| 92 | 2451 | Brass cupboard lock 6 levers of approved quality, 40 mm size  | each | 10 | 58.00    | 580.00    |
| 93 | 2452 | Brass cupboard lock 6 levers of approved quality, 50 mm size  | each | 1  | 90.00    | 90.00     |
| 94 | 2456 | Hydraulic door closer bottle type M.S. body with necessary accessories and screws complete (having brand logo with ISI, IS : 3564, embossed on the body, door | each | 2  | 699.00   | 1,398.00  |

|     |      |  |      |    |          |          |
|-----|------|--|------|----|----------|----------|
|     |      | weight upto 35 kg and door width upto 700 mm)  |      |    |          |          |
| 95  | 2459 | Anodised Aluminium hanging type door stoppr  | each | 18 | 21.00    | 378.00   |
| 96  | 2468 | Nickled Chromium Brass cupboard lock 40 mm size  | each | 4  | 64.00    | 256.00   |
| 97  | 2471 | Nickled Chromium Brass cup board lock 75 mm size   | each | 4  | 127.00   | 508.00   |
| 98  | 2485 | Pre-laminated with decorative lamination on both side extrior Grade-I, MDF Board 18 mm thick conforming to IS : 14587                                    | sqm  | 3  | 621.00   | 1,863.00 |
| 99  | 2488 | Pre-laminated with decorative lamination on one side and other side balancing lamination extrior Grade-I, MDF Board 18 mm thick conforming to IS : 14588 | sqm  | 3  | 599.00   | 1,797.00 |
| 100 | 2610 | Silicon gasket in kg   | kg   | 5  | 502.00   | 2,510.00 |
| 101 | 2611 | EPDM Gasket in Kg (Above 60 g / m)   | kg   | 2  | 163.00   | 326.00   |
| 102 | 2612 | Anchor Fastner - M10   | each | 2  | 12.00    | 24.00    |
| 103 | 2631 | 4mm thick ACP  | sqm  | 2  | 1,134.00 | 2,268.00 |
| 104 | 3617 | CP brass union 40mm dia  | each | 1  | 226.00   | 226.00   |
| 105 | 4001 | Stainless steel (Grade-304)hollow section round/square tubes   | kg   | 5  | 280.00   | 1,400.00 |
| 106 | 4002 | Stainless steel bolts/square bar and plates  | kg   | 10 | 150.00   | 1,500.00 |
| 107 | 5050 | SS pipe 304 grades with press fit 48.60 mm outer dia   | mtr  | 2  | 700.00   | 1,400.00 |
| 108 | 5772 | Grease   | kg   | 5  | 195.00   | 975.00   |
| 109 | 5773 | Shuttering Oil   | ltr  | 5  | 95.00    | 475.00   |
| 110 | 7001 | Brass 100mm mortice latch and lock with 6 levers without pair of handles   | each | 3  | 211.00   | 633.00   |
| 111 | 7003 | Pair of Anodised Aluminium lever handles for 100 mm mortice latch and lock   | each | 6  | 237.00   | 1,422.00 |
| 112 | 7004 | Vitrous china flat back wash basin 450x300mm   | each | 8  | 297.00   | 2,376.00 |
| 113 | 7009 | 12.5 mm thick tapered edge plain gypsum plaster board confirming to IS 2095 (Part I) : 2011  | sqm  | 5  | 154.00   | 770.00   |
| 114 | 7052 | GI wire netting  | sqm  | 2  | 28.00    | 56.00    |
| 115 | 7053 | 400G polythne sheet  | sqm  | 6  | 13.00    | 78.00    |
| 116 | 7055 | Flat pressed three layer or graded plain particle board 18mm thick   | sqm  | 3  | 469.00   | 1,407.00 |

|     |      |  |      |    |          |           |
|-----|------|--|------|----|----------|-----------|
| 117 | 7059 | Aluminium hanging floor door stopper with twin rubber & stopper  | each | 2  | 44.00    | 88.00     |
| 118 | 7060 | Hydraulic door closer tubular type Aluminium section body with necessary accessories and screws complete (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), | each | 4  | 600.00   | 2,400.00  |
| 119 | 7070 | Chequered precast cement concrete tiles 22 mm thick using marble chips of size 6mm - Light shade using white cement  | sqm  | 30 | 392.00   | 11,760.00 |
| 120 | 7071 | white marble raj nagar plain 18mm thick  | sqm  | 10 | 600.00   | 6,000.00  |
| 121 | 7073 | adjustable vitreous china cistern with fitting of flushing caapicity 3 Liter/6 liter ( adjustable to 4liter/8liter)  | each | 3  | 1,600.00 | 4,800.00  |
| 122 | 7096 | stainless steel kitchen sink - with drain boad 510x 1040 mm bowl depth 225 mm  | each | 5  | 3,600.00 | 18,000.00 |
| 123 | 7101 | Stainless steel kitchen sink - without drain board 610x510 mm bowl depth 200 mm  | each | 2  | 2,350.00 | 4,700.00  |
| 124 | 7103 | Stainless steel kitchen sink - without drain board 470x420 mm bowl depth 178 mm  | each | 1  | 1,272.00 | 1,272.00  |
| 125 | 7116 | Hard board 6mm thick   | sqm  | 1  | 124.00   | 124.00    |
| 126 | 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 | 35 | 36.00    | 1,260.00  |
| 127 | 7119 | Semi rigid PVC Waste pipe for sink and wash basin 32 mm dia with length not less than 700 mm i/c PVC waste fittings.   | each | 20 | 38.00    | 760.00    |
| 128 | 7121 | Bottle trap  | each | 8  | 682.00   | 5,456.00  |
| 129 | 7129 | S.W. intercepting trap 150 mm dia  | each | 8  | 262.00   | 2,096.00  |
| 130 | 7130 | Rectangular shape 600x450 mm precast R.C.C. manhole cover with frame - L.D. - 25   | each | 12 | 743.00   | 8,916.00  |
| 131 | 7187 | C.I. grating 150mm dia weighing not less than 440 gm   | each | 10 | 29.00    | 290.00    |
| 132 | 7188 | U-PVC pipes (working pressure 4 kg / cm <sup>2</sup> ) Single socketed pipe 75 mm dia  | mtr  | 6  | 74.00    | 444.00    |
| 133 | 7189 | UPVC Pipes ( working pressures 4kg/cm <sup>2</sup> ) single shocketed pipe size 110 mm dia   | mtr  | 6  | 142.00   | 852.00    |
| 134 | 7190 | U-PVC pipes (working pressure 4 kg / cm <sup>2</sup> ) Rubber (Seal) Ring 75 mm dia  | each | 6  | 9.00     | 54.00     |
| 135 | 7191 | U-PVC pipes (working pressure 4 kg / cm <sup>2</sup> ) Rubber (Seal) Ring 110 mm dia   | each | 6  | 12.00    | 72.00     |
| 136 | 7192 | UPVC coupler for UPVC Drainage pipes 75 mm   | each | 4  | 19.00    | 76.00     |
| 137 | 7193 | UPVC coupler for UPVC Drainage pipes 110   | each | 4  | 41.00    | 164.00    |

|     |      |  |      |    |          |           |
|-----|------|--|------|----|----------|-----------|
|     |      | mm   |      |    | 00       | 00        |
| 138 | 7194 | uPVC pushfit coupler (single) 75 mm thick                      | each | 4  | 20.00    | 80.00     |
| 139 | 7195 | uPVC pushfit coupler (single) 110 mm thick                     | each | 4  | 35.00    | 140.00    |
| 140 | 7198 | UPVC single equal tee ( with door ) 75x75x75mm                 | each | 4  | 64.00    | 256.00    |
| 141 | 7199 | UPVC single equal tee ( with door ) 110x110x110 mm             | each | 4  | 98.00    | 392.00    |
| 142 | 7208 | UPVC bend 87.5 75mm bend                                       | each | 4  | 38.00    | 152.00    |
| 143 | 7209 | UPVC bend 87.5 110mm bend                                      | each | 4  | 63.00    | 252.00    |
| 144 | 7212 | UPVC plain shoe 75 mm bend                                     | each | 4  | 29.00    | 116.00    |
| 145 | 7213 | UPVC plain shoe 110 mm bend                                    | each | 4  | 50.00    | 200.00    |
| 146 | 7214 | UPVC pipe clip 75 mm bend                                      | each | 4  | 15.00    | 60.00     |
| 147 | 7215 | UPVC pipe clip 110 mm bend                                     | each | 4  | 16.00    | 64.00     |
| 148 | 7236 | Precast chequered tiles 22mm thick using ordinary cement       | sqm  | 3  | 232.00   | 696.00    |
| 149 | 7240 | fire retardent paint   | ltr  | 20 | 259.00   | 5,180.00  |
| 150 | 7255 | road marking paint   | ltr  | 5  | 124.00   | 620.00    |
| 151 | 7257 | C.P. brass bibcork 15mm  | each | 15 | 330.00   | 4,950.00  |
| 152 | 7258 | C.P. brass long nose bibcock 15mm                              | each | 20 | 540.00   | 10,800.00 |
| 153 | 7259 | C.P. brass long body bibcock 15 mm                             | each | 10 | 530.00   | 5,300.00  |
| 154 | 7260 | C.P. Brass stop cock (concealed) 15 mm                         | each | 3  | 445.00   | 1,335.00  |
| 155 | 7261 | C.P. brass angle valve 15 mm                                   | each | 5  | 378.00   | 1,890.00  |
| 156 | 7269 | 25mm thick particle board                                      | sqm  | 5  | 450.00   | 2,250.00  |
| 157 | 7270 | 30mm thick prelaminated flush door shutter                     | sqm  | 1  | 900.00   | 900.00    |
| 158 | 7295 | Granite of colour black cherry ruby red 18mm thick             | sqm  | 6  | 1,908.00 | 11,448.00 |
| 159 | 7296 | Granite of colour black cherry ruby red 30mm thick             | sqm  | 2  | 2,045.00 | 4,090.00  |
| 160 | 7297 | Granite of all colour except black cherry ruby red 18mm thick  | sqm  | 2  | 1,076.00 | 2,152.00  |
| 161 | 7300 | Granite of any colour, 18 mm thick ( slab area above 0.50 sqm) | sqm  | 2  | 2,260.00 | 4,520.00  |
| 162 | 7306 | Alum T or L section  | kg   | 3  | 198.00   | 594.00    |
| 163 | 7332 | Corner angle 45x45x5 mm 2.50 m long                            | each | 3  | 275.     | 825.      |

|     |      |  |      |    |          |          |
|-----|------|--|------|----|----------|----------|
|     |      |  |      |    | 00       | 00       |
| 164 | 7358 | Flushing cistern PVC 10 liter capacity ( low level) (white )( with fittings, accessories and flush pipe)   | each | 5  | 621.00   | 3,105.00 |
| 165 | 7359 | P.V.C. automatic flushing cistern 5 litre capacity   | each | 5  | 477.00   | 2,385.00 |
| 166 | 7361 | P.V.C. automatic flushing cistern 10 litre capacity  | each | 10 | 545.00   | 5,450.00 |
| 167 | 7363 | 15mm CP brass tap with elbow operation lever   | each | 10 | 464.00   | 4,640.00 |
| 168 | 7375 | G.I. flush pipe and C.P. brass spreader including C.P. connecting pipe Single lipped urinal  | each | 2  | 481.00   | 962.00   |
| 169 | 7394 | Double action hydraulic floor spring with brass cover plate  | each | 2  | 1,615.00 | 3,230.00 |
| 170 | 7411 | 125 mm grating with waste hole   | each | 30 | 27.00    | 810.00   |
| 171 | 7480 | Prelaminated particle board with both side decorative lamination, flat pressed 3 layer & graded (medium density) Grade I, Type ii conforming to IS : 12823 ( exterior Grade) 12 mm thick | sqm  | 2  | 534.00   | 1,068.00 |
| 172 | 7491 | PTMT - Waste Coupling 31/32 mm   | each | 2  | 35.00    | 70.00    |
| 173 | 7493 | PTMT - Bottle Trap 31/32 mm  | each | 2  | 212.00   | 424.00   |
| 174 | 7495 | PTMT- Ball cock 15 mm complete with Epoxy coated Aluminium Rod and H.D. Ball   | each | 2  | 79.00    | 158.00   |
| 175 | 7498 | PTMT Ball Cock 40mm complete with Epoxy Coated Aluminium Rod & H.D. Ball   | each | 2  | 445.00   | 890.00   |
| 176 | 7503 | PTMT Liquid Soap Container of 400 ml capacity  | each | 20 | 103.00   | 2,060.00 |
| 177 | 7504 | PTMT towel ring 215x200x37   | each | 10 | 117.00   | 1,170.00 |
| 178 | 7505 | PTMT - Towel Rail (450 mm)   | each | 15 | 132.00   | 1,980.00 |
| 179 | 7507 | PTMT shelf 450x124x36  | each | 25 | 160.00   | 4,000.00 |
| 180 | 7509 | PTMT Soap Dish/Holder 138x102x75 mm  | each | 40 | 63.00    | 2,520.00 |
| 181 | 7512 | PTMT handle 125x34x24 mm   | Each | 5  | 23.00    | 115.00   |
| 182 | 7513 | PTMT handle 150x34x24 mm   | Each | 5  | 22.00    | 110.00   |
| 183 | 7757 | MS pipe 100mm dia casing pipe  | mtr  | 5  | 850.00   | 4,250.00 |
| 184 | 7758 | upvc blind pipe 100 dia  | mtr  | 3  | 465.00   | 1,395.00 |
| 185 | 7763 | Water supply tanker of 5000 ltr capacity   | each | 5  | 1,625.00 | 8,125.00 |
| 186 | 7773 | coloured CC inter locking paver block 60mm thick M-35  | sqm  | 2  | 450.00   | 900.00   |

|     |      |  |        |     |          |           |
|-----|------|--|--------|-----|----------|-----------|
| 187 | 7776 | Concrete paver block of grade M30-60mm thick   | sqm    | 2   | 300.00   | 600.00    |
| 188 | 7857 | PTMT grating 150mm   | each   | 2   | 50.00    | 100.00    |
| 189 | 7862 | 15mm nominal bore and 30cm length PVC connection pipe with PTMT nuts   | each   | 2   | 40.00    | 80.00     |
| 190 | 7864 | P.T.M.T. extension nipple 15 mm  | each   | 2   | 30.00    | 60.00     |
| 191 | 7896 | Vitrified tiles  | sqm    | 80  | 495.00   | 39,600.00 |
| 192 | 7927 | Acrylic Polymer chemical for cracks  | kg     | 40  | 35.00    | 1,400.00  |
| 193 | 8002 | 30mm thick factory made shutter with style, rails and panels of PVC extruded section in white, grey or wooden finish | sqm    | 1   | 2,000.00 | 2,000.00  |
| 194 | 8006 | Factory made PVC rigid foam sheet 1mm thick  | sqm    | 5   | 165.00   | 825.00    |
| 195 | 8007 | Factory made PVC rigid foam sheet 5mm thick  | sqm    | 5   | 530.00   | 2,650.00  |
| 196 | 8014 | Factory made door frame of size 50x47mm with wall thickness 5mm made of single piece extruded profile                | mtr    | 5   | 350.00   | 1,750.00  |
| 197 | 8019 | GI sheet 0.8mm thick   | kg     | 10  | 69.00    | 690.00    |
| 198 | 8218 | Stainless steel butt hinges 50x37x1.5 mm IS : 12817 marked   | 10 nos | 2   | 170.00   | 340.00    |
| 199 | 8227 | SS fancy handle  | 10nos  | 2   | 1,150.00 | 2,300.00  |
| 200 | 8231 | SS sliding door bolt 200x16mm  | each   | 1   | 125.00   | 125.00    |
| 201 | 8232 | SS tower bolt 200x10mm   | each   | 1   | 93.00    | 93.00     |
| 202 | 8233 | SS handle 125mm  | each   | 1   | 70.00    | 70.00     |
| 203 | 8505 | Acrylic exterior paint   | ltr    | 175 | 170.00   | 29,750.00 |
| 204 | 8504 | multi surface paint  | ltr    | 50  | 350.00   | 17,500.00 |
| 205 | 8501 | Polymer modified cementation coating   | kg     | 30  | 170.00   | 5,100.00  |
| 206 | 8510 | Metal primer   | ltr    | 40  | 120.00   | 4,800.00  |
| 207 | 8511 | Fibre reinforced elastomeric liquid water proofing membrane  | ltr    | 15  | 255.00   | 3,825.00  |
| 208 | 8636 | Chlorinated polyvinyl- Chloried (CPVC) pipe 15 mm outer dia  | mtr    | 10  | 43.00    | 430.00    |
| 209 | 8637 | Chlorinated polyvinyl- Chloried (CPVC) pipe 20 mm outer dia  | mtr    | 10  | 59.00    | 590.00    |
| 210 | 8638 | Chlorinated polyvinyl- Chloried (CPVC) pipe 25 mm outer dia  | mtr    | 10  | 95.00    | 950.00    |

|     |      |   |     |   |              |  |
|-----|------|---|-----|---|--------------|--|
| 211 | 8639 | Chlorinated Polyvinyl - chloride (CPVC) pipe<br>32 mm outer dia         | mtr | 2 | 140.<br>00   | 280.<br>00                                       |
| 212 | 8640 | Chlorinated Polyvinyl - chloride (CPVC) pipe<br>40 mm outer dia         | mtr | 2 | 200.<br>00   | 400.<br>00                                       |
| 213 | 8641 | Chlorinated Polyvinyl - chloride (CPVC) pipe<br>50 mm outer dia         | mtr | 2 | 325.<br>00   | 650.<br>00                                       |
| 214 | 8726 | 1.5 mm thick decorative laminated sheet                                 | sqm | 2 | 418.<br>00   | 836.<br>00                                       |
| 215 | 8739 | Fire rated door shutter made with 16SWG GI<br>sheet(60min without panel | sqm | 1 | 5,172.<br>00 | 5,172.<br>00                                     |
| 216 | 8778 | Toughned glass 12mm thick   | sqm | 1 | 1,925.<br>00 | 1,925.<br>00                                     |
|     |      |   |     |   |              | <b>TOTAL 'A'</b><br><b>579,159.<br/>00</b>       |
|     |      |   |     |   |              | Add Water Charges @1%<br>5,791.<br>59            |
|     |      |   |     |   |              | Sum After adding water charges<br>584,950.<br>59 |
|     |      |   |     |   |              | Add CP & OH @ 15%<br>87,742.<br>59               |
|     |      |   |     |   |              | Sum after adding CP&OH<br>672,693.<br>18         |
|     |      |   |     |   |              | Add Labour Cess @ 1%<br>6,726.<br>93             |
|     |      |   |     |   |              | Sum after adding labour cess<br>679,4<br>20      |
|     |      |   |     |   |              | Add GST @ 18%<br>122,295.<br>62                  |
|     |      |   |     |   |              | Gross Total After adding GST<br>801,715.<br>73   |
|     |      |   |     |   |              | <b>Grand Total</b><br><b>801,71<br/>6</b>        |



**Work Items**

**NAME OF WORK :- Annual Repairs and Maintenance(Civil) of 100 Bedded ESIC Hospital and its staff quarter Raipur on self execution basis for one Year (2025-2026)**

| Sr.No             | DSR 2023 | DESCRIPTION  | UNIT | QTY. | RATE   | AMOUNT.   |
|-------------------|----------|--|------|------|--------|-----------|
| <b>EARTH WORK</b> |          |  |      |      |        |           |
| 1                 | 1.1.18   | Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge.   | Cum  | 150  | 494.10 | 74,115.00 |
| 2                 | 2.1.1    | Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 min width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge: All kinds of soil   | Sqm  | 200  | 129.85 | 25,970.00 |
| 3                 | 2.8      | 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 plan), 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. |      |      |        | -         |
| 4                 | 2.8.1    | All kinds of soil .  | Cum  | 40   | 260.30 | 10,412.00 |

|    |              |  |     |      |          |            |
|----|--------------|--|-----|------|----------|------------|
| 5  | 2.10         | Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m including getting out the excavated soil, and then returning the soil as required, inlayers 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 |     |      |          | -          |
| 6  | 2.10.1<br>.1 | Pipes, cables etc, not exceeding 80 mm dia.  | Mtr | 30   | 215.60   | 6,468.00   |
| 7  | 2.10.1<br>.2 | Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia   | Mtr | 15   | 352.15   | 5,282.25   |
| 8  | 2.27         | Suppling and filling in plinth with Sabarmati sand floors including, watering, ramming, consolidating and dressing complete.   | Cum | 2    | 2,123.75 | 4,247.50   |
| 9  | 2.31         | Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.   | Sqm | 4000 | 17.60    | 70,400.00  |
| 10 | 2.35.3<br>.1 | Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) :Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1:2 ( 1 cement : 2 Coarse sand) to match the existing floor :<br><b>With Chlorpyriphos/Lindane E.C. 20% with 1% concentration</b>              | Sqm | 600  | 310.05   | 186,030.00 |
| 11 | 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 downward angle of 45 degree at 150 mm centre to centre and sealing the same.  | Mtr | 150  | 279.70   | 41,955.00  |

|    |        |   |     |     |          |            |
|----|--------|---|-----|-----|----------|------------|
| 12 | 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 lify upto 1.6 m.             | Cum | 15  | 196.00   | 2,940.00   |
| 13 | 2.25a  | Excavating, supplying and filling of local earth (including royalty) bymechanical transport upto a lead of 5km also including ramming andwatering of the earth in layers not exceeding 20 cm in trenches, plinth,sides of foundation etc. complete. | Cum | 20  | 700.50   | 14,010.00  |
| 14 | 2.28   | Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift up to 1.5 m. to 50 m and lift up to 1.5 m.  |     |     |          | -          |
| 15 | 2.28.1 | All kinds of soil .   | Sqm | 100 | 34.15    | 3,415.00   |
| 16 | 2.32   | Clearing grass and removal of the rubbish up to a distance of 50 moutside the periphery of the area cleared.  | Sqm | 400 | 8.95     | 3,580.00   |
|    |        | <b>CONCRETE WORKS</b>   |     |     |          | -          |
| 17 | 4.1    | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level ;  |     |     |          | -          |
| 18 | 4.1.3  | 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 | 25  | 7,878.50 | 196,962.50 |
| 19 | 4.1.5  | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : <b>1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)</b> | Cum | 35  | 7,294.70 | 255,314.50 |

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|----|-------|--|-----|-----|-----------|-----------|
| 20 | 4.2   | Providing and laying cement concrete in retaining walls, return walls,walls (any thickness) including attached pilasters, columns, piers,abutments, pillars, posts, struts, buttresses, string or lacing courses,parapets, coping, bed blocks, anchor blocks, plain window sills, fillets,sunken floor etc., up to floor five level, excluding the cost of centering,shuttering and finishing: |     |     |           | -         |
| 21 | 4.2.5 | 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)  | Mtr | 10  | 9,311.40  | 93,114.00 |
| 22 | 4.3   | Centering and shuttering including strutting, propping etc. and removal of form work for   |     |     |           | -         |
| 23 | 4.3.1 | Centering and shuttering including strutting, propping etc. and removal of form work for :<br><b>Foundations, footings, bases for columns.</b>   | Sqm | 100 | 392.15    | 39,215.00 |
| 24 | 4.7.1 | Providing and fixing up to floor five level precast cement concrete solid block, including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete : 1:1½:3 (1 Cement: 1½ coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).  | Cum | 3   | 17,889.25 | 53,667.75 |
| 25 | 4.17  | Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.   | Sqm | 50  | 749.30    | 37,465.00 |
|    |       | <b>RCC WORKS</b>   |     |     |           | -         |
| 26 | 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 :<br><b>1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)</b>   | Cum | 3   | 8,583.40  | 25,750.20 |

|    |        |  |     |     |           |           |
|----|--------|--|-----|-----|-----------|-----------|
| 27 | 5.2    | Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :  |     |     |           | -         |
| 28 | 5.2.2  | 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)  | Cum | 2   | 10,852.95 | 21,705.90 |
| 29 | 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   | 11,505.50 | 23,011.00 |
| 30 | 5.9    | Centering and shuttering including strutting, propping etc. and removal of form  |     |     |           | -         |
| 31 | 5.9.1  | Foundation, footing bases of column  | Sqm | 10  | 392.15    | 3,921.50  |
| 32 | 5.9.2  | wall including attached pilaster butteresses plinth and string course  | Sqm | 40  | 842.50    | 33,700.00 |
| 33 | 5.9.3  | Suspended floors, roofs, landings, balconies and access platform   | Sqm | 30  | 927.25    | 27,817.50 |
| 34 | 5.9.4  | Shelves (Cast in situ)   | Sqm | 20  | 927.25    | 18,545.00 |
| 35 | 5.22   | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.   |     |     |           | -         |
| 36 | 5.22.6 | Thermo-Mechanically Treated bars of grade Fe-500D or more  | Kg  | 100 | 107.85    | 10,785.00 |
|    |        | <b>BRICK WORK</b>  |     |     |           | -         |

|    |        |   |     |    |          |           |
|----|--------|---|-----|----|----------|-----------|
| 37 | 6.1    | Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:   |     |    |          | -         |
| 38 | 6.1.2  | Cement mortar 1:6 (1 cement : 6 coarse sand)  | Cum | 4  | 7,132.25 | 28,529.00 |
| 39 | 6.2    | Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:  |     |    |          | -         |
| 40 | 6.2.1  | Cement mortar 1:4 (1 cement : 4 coarse sand)  | Cum | 4  | 6,504.90 | 26,019.60 |
| 41 | 6.4    | Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and size in ;   |     |    |          | -         |
| 42 | 6.4.2  | Cement mortar 1:6 (1 cement : 6 coarse sand)  | Cum | 4  | 9,105.95 | 36,423.80 |
| 43 | 6.32   | Brick work with clay fly ash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level In :   |     |    |          | -         |
| 44 | 6.32.1 | Cement mortar 1:4 (1 cement : 4 coarse sand)  | Cum | 3  | 9,333.45 | 28,000.35 |
| 45 | 6.13   | 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.  |     |    |          | -         |
| 46 | 6.13.2 | Cement mortar 1:4 (1 cement :4 coarse sand)   | Sqm | 40 | 1,123.80 | 44,952.00 |
|    |        | <b>GRANITE WORK</b>   |     |    |          |           |
| 47 | 8.2    | Providing and fixing 18 mm thick gang saw cut, mirror polished,premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size,approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement,mixed with matching pigment, epoxy touch ups, including rubbing, curing,moulding and polishing to edges to give high gloss finish etc. completeat all levels. |     |    |          | -         |

|    |         |  |     |     |          |            |
|----|---------|--|-----|-----|----------|------------|
| 48 | 8.2.1.1 | Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. <b>Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble. Area of slab upto 0.50 sqm</b> | Sqm | 12  | 3,414.80 | 40,977.60  |
| 49 | 8.2.1.2 | Area of slab over 0.50 sqm   | Sqm | 10  | 3,078.40 | 30,784.00  |
| 50 | 8.2.2   | Granite stone slab colour black, Cherry/Ruby red   |     |     |          | -          |
| 51 | 8.2.2.1 | Area of slab upto 0.50 sqm   | Sqm | 5   | 5,413.50 | 27,067.50  |
| 52 | 8.2.2.2 | Area of slab over 0.50 sqm   | Sqm | 5   | 5,136.30 | 25,681.50  |
| 53 | 8.3     | Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.   |     |     |          | -          |
| 54 | 8.3.2   | Granite work   | Mtr | 20  | 510.95   | 10,219.00  |
| 55 | 8.6     | Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.  | Sqm | 20  | 506.70   | 10,134.00  |
| 56 | 8.31    | Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.  | Sqm | 190 | 1,267.95 | 240,910.50 |

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|----|------|--|--|--|---|---|
| 57 | 8.32 | <p>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. including:</p> <p>(a) Structural analysis &amp; design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design.</p> <p>(b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (Each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and</p> |  |  | - | - |
|----|------|--|--|--|---|---|



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|----|-------|--|-----|-----|----------|------------|
| 58 | ©     | <p>shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc.</p> <p>(c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material &amp; labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.</p> | Sqm | 20  | 5,015.05 | 100,301.00 |
|    |       | <b>WOOD AND PVC WORK</b>   |     |     |          | -          |
| 59 | 9.1   | 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).   |     |     |          | -          |
| 60 | 9.1.1 | Secound class teak wood  | Cum | 0.2 | #####    | 28,589.94  |
| 61 |       | 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).  |     |     |          | -          |

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|----|--------|--|-----|-----|----------|-----------|
| 62 | 9.1.2  | Sal wood   | Cum | 0.3 | #####    | 34,956.09 |
| 63 | 9.6    | Providing and fixing 35 mm thick factory made laminated veneer lumber door shutter conforming to IS : 14616 and TADS 15:2001 (Part B), fixing with butt hinges of required size with necessary screws, all complete as per directions of Engineer-in-charge and panelling with panel of :  |     |     |          | -         |
| 64 | 9.6.3  | 12 mm thick one side Pre-laminated particle board (decorative amination on one side and other sides balancing lamination) grade -1, medium density flat pressed, three layer particle board FPT - I or graded wood particle board FPT-1 conforming to IS : 3087 bonded with BWP type synthetic resin adhesive as per IS : 848 and pre-laminated conforming to IS : 12823,Grade -1, Type II marked :  | Sqm | 20  | 3,450.30 | 69,006.00 |
| 65 | 9.119  | Providing and fixing factory made P.V.C. door frame of size 50x47 mm with awall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size,complete as per manufacturer's specification and direction of Engineerin-complete as per manufacturer's specification and direction of Engineerin-Charge. | Mtr | 20  | 492.70   | 9,854.00  |
| 66 | 9.21   | Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) non-decorative type, core of block 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 shutter :  |     |     |          | -         |
| 67 | 9.21.1 | 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws   | Sqm | 20  | 2,392.65 | 47,853.00 |

|    |          |   |      |    |          |           |
|----|----------|---|------|----|----------|-----------|
| 68 | 9.21.2   | Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block 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 : <b>30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.</b> | Sqm  | 20 | 2,172.10 | 43,442.00 |
| 69 | 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  | 30 | 462.35   | 13,870.50 |
| 70 | 9.40     | Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc.complete :  |      |    |          | -         |
| 71 | 9.40.1   | 2nd class teak wood   |      |    |          | -         |
| 72 | 9.40.1.2 | 50x20 mm  | Mtr  | 50 | 271.75   | 13,587.50 |
| 73 | 9.47     | Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets :<br>9.47.1 20 mm dia (heavy type)  | Mtr  | 5  | 181.00   | 905.00    |
| 74 | 9.47.2   | 25 mm dia (heavy type)  | Mtr  | 5  | 197.70   | 988.50    |
| 75 | 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. <b>With 2nd class teak wood beading 62X19 mm</b>   | Sqm  | 20 | 1,308.35 | 26,167.00 |
| 76 | 9.62     | Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :   |      |    |          | -         |
| 77 | 9.62.1   | 300x16 mm   | Each | 20 | 216.55   | 4,331.00  |
| 78 | 9.63     | Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete :(copper oxidized as per IS :1378)   |      |    |          | -         |
| 79 | 9.63.1   | 250x10 mm   | Each | 30 | 83.90    | 2,517.00  |

|    |        |   |      |       |        |          |
|----|--------|---|------|-------|--------|----------|
| 80 | 9.64   | Providing and fixing ISI marked 85x42 mm oxidised M.S. pull bolt lock conforming to IS : 7534 with necessary screws bolts, nut and washers etc. complete. | Each | 10.00 | 122.15 | 1,221.50 |
| 81 | 9.65   | Providing and fixing ISI marked oxidised M.S. door latches conforming to IS:5930 with screws etc. complete :  |      |       |        | -        |
| 82 | 9.65.1 | 300x20x6 mm   | Each | 10.00 | 98.35  | 983.50   |
| 83 | 9.65.2 | 250x20x6 mm   | Each | 10.00 | 79.85  | 798.50   |
| 84 | 9.66   | Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete :   |      |       |        | -        |
| 85 | 9.66.1 | 125 mm  | Each | 10.00 | 39.95  | 399.50   |
| 86 | 9.66.2 | 100 mm  | Each | 10.00 | 32.55  | 325.50   |
| 87 | 9.66   | 75 mm   | Each | 10.00 | 29.70  | 297.00   |
| 88 | 9.67   | Providing and fixing oxidised M.S. hasp and staple (safety type) conforming to IS : 363 with necessary screws etc. complete :                             |      |       |        | -        |
| 89 | 9.67.1 | 150 mm  | Each | 10.00 | 33.10  | 331.00   |
| 90 | 9.67.2 | 115 mm  | Each | 10.00 | 29.70  | 297.00   |
| 91 | 9.67.3 | 90 mm   | Each | 10.00 | 25.30  | 253.00   |
| 92 | 9.68   | Providing and fixing oxidised M.S. casement stays (straight peg type) with necessary screws etc. complete.  |      |       |        | -        |
| 93 | 9.68.1 | 300 mm weighing not less than 200 grams   | Each | 10.00 | 67.40  | 674.00   |
| 94 | 9.68.3 | 250 mm weighing not less than 150 grams   | Each | 10.00 | 61.04  | 610.40   |
| 95 | 9.68.3 | 200 mm weighing not less than 120 grams   | Each | 10.00 | 53.95  | 539.50   |
| 96 | 9.69   | Providing and fixing oxidised M.S. Safety chain with necessary fixtures for doors, (weighting not less than 450 gms)                                      | Each | 10.00 | 100.60 | 1,006.00 |
| 97 | 9.72   | Providing and fixing bright finished brass butt hinges with necessary screws etc. complete :  |      |       |        | -        |

|     |        |   |      |    |          |           |
|-----|--------|---|------|----|----------|-----------|
| 98  | 9.72.1 | 125x85x5.5 mm(heavy type)   | Each | 40 | 268.65   | 10,746.00 |
| 99  | 9.76   | Providing and fixing bright finished brass 100 mm mortice latch and lock with 6levers and a pair of lever handles of approved quality with necessary screws etc.complete  | Each | 20 | 854.65   | 17,093.00 |
| 100 | 9.81   | Providing and fixing bright finished brass handles with screws etc.complete:  |      |    |          | -         |
| 101 | 9.81.1 | 125 mm  | Each | 30 | 256.65   | 7,699.50  |
| 102 | 9.82   | Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.  | Each | 60 | 121.65   | 7,299.00  |
| 103 | 9.83   | Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.  | Each | 15 | 1,124.85 | 16,872.75 |
| 104 | 9.84   | Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete. | Each | 15 | 983.15   | 14,747.25 |
| 105 | 9.90   | Providing and fixing special quality chromium plated brass cupboard locks with six levers of approved quality including necessary screws etc. complete.   |      |    |          |           |
| 106 | 9.90.4 | Size 75 mm  | Each | 30 | 409.35   | 12,280.50 |
| 107 | 9.92   | Providing and fixing chromium plated brass handles with necessary screws etc. complete:   |      |    |          |           |
| 108 | 9.92.1 | 125 mm  | Each | 30 | 231.05   | 6,931.50  |
| 109 | 9.96   | 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   |      |    |          |           |
| 110 | 9.96.1 | 300x 16 mm  | Each | 30 | 303.25   | 9,097.50  |
| 111 | 9.96.2 | 250x16mm  | Each | 10 | 260.60   | 2,606.00  |
| 112 | 9.97   | P & F Aluminium tower bolt  |      |    |          | -         |

|     |             |  |      |    |        |          |
|-----|-------------|--|------|----|--------|----------|
| 113 | 9.97.1      | 300x10mm   | Each | 10 | 130.10 | 1,301.00 |
| 114 | 9.97.2      | 250x10mm   | Each | 10 | 115.15 | 1,151.50 |
| 115 | 9.97.3      | 200x10mm   | Each | 10 | 99.70  | 997.00   |
| 116 | 9.100       | P & F Aluminium handle   |      |    |        | -        |
| 117 | 9.100.<br>1 | 125mm  | Each | 10 | 66.25  | 662.50   |
| 118 | 9.100.<br>2 | 100mm  | Each | 10 | 59.55  | 595.50   |
| 119 | 9.101.<br>1 | single rubber  | Each | 10 | 39.60  | 396.00   |
| 120 | 9.101.<br>2 | twin rubber  | Each | 10 | 72.35  | 723.50   |
|     |             | <b>PVC</b>   |      |    |        | -        |
| 121 | 9.106       | Providing and fixing PTMT handles with necessary screws etc. complete.                                     |      |    |        | -        |
| 122 | 9.106.<br>2 | 150 x34 x 24 mm weighing not less than 26 gms  | Each | 15 | 41.55  | 623.25   |
| 123 | 9.108       | Providing and fixing PTMT Tower Bolts with 12 mm one piece rod inside and necessary screws etc., complete. |      |    |        | -        |
| 124 | 9.108.<br>1 | 152x42x18 mm weighing not less than 26 gms   | Each | 15 | 69.75  | 1,046.25 |
| 125 | 9.108.<br>2 | 202x42x18mm  | Each | 10 | 106.15 | 1,061.50 |
| 126 | 9.115       | Providing and fixing powder coated telescopic drawer channel 300mm long with necessary screws              | set  | 10 | 414.20 | 4,142.00 |

|     |             |   |     |   |          |           |
|-----|-------------|---|-----|---|----------|-----------|
| 127 | 9.118.<br>2 | <p>Providing and fixing to existing door frames. 30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a UPVC hollow section of size 60x30 mm and wall thickness 2 mm (<math>\pm</math> 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 25x20 mm and 1 mm (<math>\pm</math> 0.1 mm) wall thickness. The lock rail made up of 'H' section, a UPVC hollow section of size 100x30mm and 2 mm (<math>\pm</math> 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/ galvanised M.S. 'U' cleats. The shutter frame filled with a UPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20mm and 1 mm (<math>\pm</math> 0.1 mm) wall thickness . The panels filled vertically and tie bar at two places by inserting horizontally 6mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge.</p> | Sqm | 5 | 3,253.80 | 16,269.00 |
|-----|-------------|---|-----|---|----------|-----------|

|     |             |  |     |    |          |           |
|-----|-------------|--|-----|----|----------|-----------|
| 128 | 9.120       | <p>Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top &amp; bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2 ) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail &amp; bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles &amp; rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification &amp; drawing.</p> |     |    |          |           |
| 129 | 9.120.<br>1 | 30 mm thick plain PVC door shutters  | Sqm | 10 | 3,182.95 | 31,829.50 |
| 130 | 9.122       | Providing and fixing to existing door frames.  |     |    |          | -         |
| 131 | 9.129       | <p>Providing and fixing cup board shutters 25 mm thick, with Pre-laminated at pressed three layer particle board or graded wood particle board IS:12823 marked, exterior grade (Grade I Type II), having one side decorative lamination and other side balancing lamination, including II nd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge</p>  | Sqm | 10 | 2,307.35 | 23,073.50 |
| 132 | 9.135.<br>1 | <p>Providing and fixing fly proof stainless steel grade 304 wire gauge to windows and clerestory window using wire gauge with average width of aperture 1.4mm. With 2nd class teak wood beading 62x19mm</p>  | Sqm | 10 | 1,597.15 | 15,971.50 |
|     |             | <b>Steel Works</b>   |     |    |          | -         |



|     |             |   |     |      |           |           |
|-----|-------------|---|-----|------|-----------|-----------|
| 133 | 10.3        | Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer. | Sqm | 5    | 11,439.60 | 57,198.00 |
| 134 | 10.5.1      | Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.<br><b>Using M.S. angels 40x40x6 mm for diagonal braces.</b>   | Sqm | 10   | 5,804.35  | 58,043.50 |
| 135 | 10.16       | Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.   |     |      |           | -         |
| 136 | 10.16.<br>2 | Hot finished seamless type tubes  | Kg  | 100  | 206.35    | 20,635.00 |
| 137 | 10.22       | Welding by gas or electric plant including transportation of plant at site etc. complete  | Cm  | 1000 | 3.70      | 3,700.00  |
| 138 | 10.25       | 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.  |     |      |           |           |
| 139 | 10.25.<br>2 | In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works   | Kg  | 400  | 172.60    | 69,040.00 |

|     |             |   |     |     |          |           |
|-----|-------------|---|-----|-----|----------|-----------|
| 140 | 10.28       | Providing and fixing stainless steel ( Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.). | Kg  | 30  | 772.40   | 23,172.00 |
| 141 | 10.31       | Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.  | Kg  | 100 | 130.50   | 13,050.00 |
| 142 | 10.30.<br>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  | 1,064.65 | 10,646.50 |
|     |             | <b>FLOORING</b>   |     |     |          | -         |
| 143 | 11.3.1      | Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.40 mm thick with 20 mm nominal size stone aggregate   | Sqm | 70  | 614.20   | 42,994.00 |

|     |       |   |     |    |          |           |
|-----|-------|---|-----|----|----------|-----------|
| 144 | 11.5  | 62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete. | Sqm | 10 | 1,056.15 | 10,561.50 |
| 145 | 11.37 | Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.   | Sqm | 50 | 1,096.55 | 54,827.50 |
| 146 | 11.39 | Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.   | Sqm | 40 | 1,330.00 | 53,200.00 |

|     |             |  |     |    |          |           |
|-----|-------------|--|-----|----|----------|-----------|
| 147 | 11.41       | 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 @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.  |     |    |          | -         |
| 148 | 11.41.2     | Size of tiles 600 x600 mm  | Sqm | 30 | 1,553.45 | 46,603.50 |
| 149 | 11.41.A     | Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of les will be done with the notch trowel, plier, wedge, clips of required hickness, leveling system and rubber mallet for placing the tiles gently and easily. |     |    |          | -         |
| 150 | 11.41 A.3   | Glazed vitrified tile Matt/ Antiskid finish of Size  |     |    |          | -         |
| 151 | 11.41 A.3.1 | Size of tiles 600 x600 mm  | Sqm | 20 | 1,464.85 | 29,297.00 |
| 152 | 11.46.2     | Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joint with white cement & matching pigments etc. complete , Size of Tile 600x600 mm  | Sqm | 20 | 1,623.05 | 32,461.00 |

|     |             |   |     |    |          |           |
|-----|-------------|---|-----|----|----------|-----------|
| 153 | 11.56       | 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. |     |    |          |           |
| 154 | 11.56.<br>1 | Polished Granite stone slab colour of Black, herry/Ruby Red or equivalent   | Sqm | 10 | 4,481.30 | 44,813.00 |
|     |             | <b>ROOFING</b>  |     |    |          | -         |
| 155 | 12.1        | Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to 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.             |     |    |          | -         |
| 156 | 12.1.3      | 0.65mm thick with zinc coating not less than 275 gm/m   | Sqm | 30 | 1,087.65 | 32,629.50 |
| 157 | 12.31       | Providing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height of 5 m above floor level, over first class kail wood strips 25x6 mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame (frame work to be paid separately):   |     |    |          |           |
| 158 | 12.31.<br>1 | Flat Surface  | Sqm | 25 | 1,718.95 | 42,973.75 |
| 159 | 12.41       | 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.   |     |    |          |           |

|     |               |  |      |    |        |           |
|-----|---------------|--|------|----|--------|-----------|
| 160 | 12.41.<br>1   | 75 mm dia  | Mtr  | 10 | 248.80 | 2,488.00  |
| 161 | 12.41.<br>2   | 110 mm dia   | Mtr  | 35 | 377.40 | 13,209.00 |
| 162 | 12.42         | 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.  |      |    |        |           |
| 163 | 12.42.<br>1.1 | 75 mm  | Each | 25 | 91.70  | 2,292.50  |
| 164 | 12.42.<br>1.2 | 110 mm   | Each | 25 | 136.15 | 3,403.75  |
| 165 | 12.42.<br>2.1 | 75 mm  | Each | 25 | 93.10  | 2,327.50  |
| 166 | 12.42.<br>2.2 | 110 mm   | Each | 25 | 127.60 | 3,190.00  |
| 167 | 12.42.<br>3.1 | 75 x75x75 mm   | Each | 25 | 164.20 | 4,105.00  |
| 168 | 12.42.<br>3.2 | 110 x110x110 mm  | Each | 25 | 234.15 | 5,853.75  |
| 169 | 12.42.<br>4.1 | 75 x75x75 mm   | Each | 25 | 144.30 | 3,607.50  |
| 170 | 12.42.<br>4.2 | 110 x110x110 mm  | Each | 25 | 221.35 | 5,533.75  |
| 171 | 12.42.<br>5.1 | 75 mm  | Each | 25 | 105.90 | 2,647.50  |
| 172 | 12.42.<br>5.2 | 110 mm   | Each | 25 | 150.35 | 3,758.75  |
| 173 | 12.42.<br>6.1 | 75 mm  | Each | 25 | 93.10  | 2,327.50  |
| 174 | 12.42.<br>6.2 | 110 mm   | Each | 25 | 131.85 | 3,296.25  |
| 175 | 12.43         | 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 |      |    |        |           |
| 176 | 12.43.<br>1   | 75 mm  | Each | 25 | 369.85 | 9,246.25  |
| 177 | 12.43.<br>2   | 110 mm   | Each | 25 | 371.30 | 9,282.50  |
| 178 | 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 | 25 | 54.70  | 1,367.50  |

|     |             |  |     |   |          |          |
|-----|-------------|--|-----|---|----------|----------|
| 179 | 12.45       | <p>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 &amp; 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, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge .</p> |     |   |          |          |
| 180 | 12.45.<br>1 | <p>12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks)</p>   | Sqm | 5 | 1,355.80 | 6,779.00 |

|     |         |   |     |    |          |           |
|-----|---------|---|-----|----|----------|-----------|
| 181 | 12.52   | <p>Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner 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 galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.</p> |     |    |          |           |
| 182 | 12.52.1 | GI Metal ceiling lay in plain tegular edge Global white colot tiles of size 595x595 mm and 0.5mm thick with 8mm drop made of GI sheet having galvanizing of 100gms  | Sqm | 20 | 1,902.95 | 38,059.00 |
| 183 | 12.52.4 | 12.5 mm thick fully Perforated Gypsum Board tile made from plaster board 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 | 1,528.00 | 15,280.00 |
|     |         | <b>FINISHING</b>  |     |    |          | -         |
| 184 | 13.1    | 12 mm cement plaster of mix :   |     |    |          | -         |
| 185 | 13.1.1  | 1:4 (1 cement :4 fine sand )  | Sqm | 60 | 347.05   | 20,823.00 |



|     |             |   |     |     |        |           |
|-----|-------------|---|-----|-----|--------|-----------|
| 186 | 13.4.2      | 12 mm cement plaster of mix :<br><b>1:6 (1 cement: 6 coarse sand)</b>   | Sqm | 80  | 343.65 | 27,492.00 |
| 187 | 13.6.2      | 20 mm cement plaster of mix :<br><b>1:6 (1 cement: 6 coarse sand)</b>   | Sqm | 60  | 466.05 | 27,963.00 |
| 188 | 13.7.2      | 12 mm cement plaster finished with a floating coat of neat cement of mix<br><b>:1:4 ( 1 cement: 4 fine sand)</b>  | Sqm | 20  | 425.55 | 8,511.00  |
| 189 | 13.8        | 15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix :   |     |     |        | -         |
| 190 | 13.8.1      | 1:3 (1 cement :4 fine sand )  | Sqm | 40  | 494.03 | 19,761.20 |
| 191 | 13.12       | 18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement: 5 coarse sand) and a top layer 6mm thick cement plaster 1:3 (1 cement: 3 coarse sand) finished rough with sponge.                     | Sqm | 5   | 537.45 | 2,687.25  |
| 192 | 13.16       | 6 mm cement plaster of mix :  |     |     |        | -         |
| 193 | 13.16.<br>1 | 1:3 (1 cement :3 fine sand )  | Sqm | 50  | 300.45 | 15,022.50 |
| 194 | 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 | 180 | 262.70 | 47,286.00 |
| 195 | 13.41       | Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, and colour all complete to achive shade and colour. |     |     |        |           |
| 196 | 13.41.<br>1 | new work (Two or more caots) over and including water thinable priming coat with cement primer having VOC content less then 50 gram/ ltr.   | Sqm | 130 | 185.65 | 24,134.50 |
| 197 | 13.44.<br>1 | Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)  | Sqm | 80  | 116.90 | 9,352.00  |
| 198 | 13.46.<br>1 | Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)                      | Sqm | 120 | 160.60 | 19,272.00 |

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|-----|-------------|---|-----|-------|--------|-----------|
| 199 | 13.48.<br>2 | Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :<br><b>Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10sqm of approved brand and manufacture</b> | Sqm | 30    | 176.25 | 5,287.50  |
| 200 | 13.48.<br>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 | 120   | 170.70 | 20,484.00 |
| 201 | 13.50       | Applying Priming coat :   |     |       |        | -         |
| 202 | 13.50.<br>3 | With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works  | Sqm | 180   | 67.40  | 12,132.00 |
| 203 | 13.52       | 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.  |     |       |        | -         |
| 204 | 13.52.<br>1 | On steel work   | Sqm | 100   | 241.75 | 24,175.00 |
| 205 | 13.52.<br>2 | On concrete work  | Sqm | 100   | 235.15 | 23,515.00 |
| 206 | 13.53       | Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :   |     |       |        |           |
| 207 | 13.53.<br>1 | New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution   | Sqm | 10.00 | 180.85 | 1,808.50  |
| 208 | 13.61       | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :  |     |       |        |           |
| 209 | 13.61.<br>1 | Two or more caots on new work   | Sqm | 100   | 155.90 | 15,590.00 |

|     |         |   |                          |         |        |           |
|-----|---------|---|--------------------------|---------|--------|-----------|
| 210 | 13.62   | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :   |                          |         |        |           |
| 211 | 13.62.1 | Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture  | Sqm                      | 10.00   | 226.25 | 2,262.50  |
| 212 | 13.63   | Painting with aluminium paint of approved brand and manufacture to give an even shade .   |                          |         |        |           |
| 213 | 13.63.1 | Two or more coats on new work   | Sqm                      | 180     | 146.80 | 26,424.00 |
| 214 | 13.7    | Floor polishing on masonry or concrete floors with wax polish of approved brand and manufacture.  | Sqm                      | 50      | 96.10  | 4,805.00  |
| 215 | 13.71   | Lettering with black Japan paint of approved brand and manufacture  | per letter per Cm height | 200     | 6.15   | 1,230.00  |
| 216 | 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                      | 100     | 156.05 | 15,605.00 |
| 217 | 13.81   | Distemping with 1st quality acrylic distemper, 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. |                          |         |        |           |
| 218 | 13.81.1 | Old Work (One coat or more coats )  | Sqm                      | 1200.00 | 62.70  | 75,240.00 |
| 219 | 13.85   | Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content.  |                          |         |        |           |
| 220 | 13.85.1 | With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre   | Sqm                      | 100     | 70.35  | 7,035.00  |
| 221 | 13.85.3 | With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre  | Sqm                      | 200     | 73.95  | 14,790.00 |

|     |              |  |       |       |        |           |
|-----|--------------|--|-------|-------|--------|-----------|
| 222 | 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   | 3500  | 19.75  | 69,125.00 |
| 223 | 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   | 1000  | 25.15  | 25,150.00 |
| 224 | 13.92.       | Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :  |       |       |        |           |
| 225 | 13.92.<br>1  | Old work (on or more coats )   | Sqm   | 200   | 93.30  | 18,660.00 |
| 226 | 13.96        | Painting (one or more coats) on rain water, soil, waste and vent pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour on old work :  |       |       |        | -         |
| 227 | 13.96.<br>1  | 75 mm diameter pipes   | metre | 5     | 28.20  | 141.00    |
| 228 | 13.96.<br>2  | 100 mm diameter pipes  | metre | 5     | 36.25  | 181.25    |
| 229 | 13.96.<br>3  | 150 mm diameter pipes  | metre | 5     | 52.25  | 261.25    |
| 230 | 13.99        | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :  |       |       |        |           |
| 231 | 13.99.<br>1  | One or more coats on old work  | Sqm   | 200   | 102.80 | 20,560.00 |
| 232 | 13.10<br>9.1 | Finishing walls with water proofing cement paint of required shade : Old work (one or more coats applied @ 2.20 kg/10 sqm) over priming coat of primer applied @ 0.80 litres/10 sqm complete including cost of Priming coat. | Sqm   | 100   | 112.90 | 11,290.00 |
| 233 | 13.11<br>0   | Finishing walls with textured exterior paint of required shade :   |       |       |        |           |
| 234 | 13.11<br>0.1 | Old work (Two or more coats on existing cement paint surface applied @ 3.28 ltr/10 sqm.  | Sqm   | 25.00 | 169.20 | 4,230.00  |
| 235 | 13.11<br>1   | Finishing walls with Acrylic Smooth exterior paint of required shade :   |       |       |        |           |
| 236 | 13.11<br>1.1 | Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface  | Sqm   | 250   | 120.75 | 30,187.50 |

|     |              |  |     |            |          |           |
|-----|--------------|--|-----|------------|----------|-----------|
| 237 | 13.11<br>1.2 | Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface  | Sqm | 100.0<br>0 | 80.65    | 8,065.00  |
| 238 | 13.11<br>2   | Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade   |     |            |          |           |
| 239 | 13.11<br>2.1 | Old work (Two or more coats applied @ 1.43 ltr/ 10 sqm) over existing cement paint surface   | Sqm | 100        | 131.30   | 13,130.00 |
|     |              | <b>REPAIRS TO BUILDING</b>   |     |            |          |           |
| 240 | 14.1.2       | Repairs to plaster of thickness 12mm to 20mm 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 within 50metres lead : With cement mortar 1:4 (1 cement : 4 coarse sand). | Sqm | 130        | 560.50   | 72,865.00 |
| 241 | 14.4         | Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-in-Charge.                             |     |            |          |           |
| 242 | 14.4.1       | For door /window /clerestory window  | Sqm | 50         | 1,264.35 | 63,217.50 |
| 243 | 14.5         | Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:   |     |            |          |           |
| 244 | 14.5.1       | Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)  | Sqm | 50         | 1,090.65 | 54,532.50 |
| 245 | 14.5.2       | Float glass panes of nominal thickness 5 mm (weight not less than 12.5kg/sqm)  | Sqm | 50         | 1,416.15 | 70,807.50 |
| 246 | 14.7         | Renewing glass panes and refixing existing wooden fillets:   |     |            |          | -         |
| 247 | 14.7.2       | Float glass panes of nominal thickness 5 mm (weight not less than 12.5kg/sqm)  | Sqm | 25         | 1,552.75 | 38,818.75 |
| 248 | 14.9         | Renewal of old putty of glass panes (length)   | Sqm | 150        | 56.15    | 8,422.50  |
| 249 | 14.10        | Refixing old glass panes with putty and nails  | Sqm | 80         | 729.85   | 58,388.00 |

|     |             |  |           |    |        |           |
|-----|-------------|--|-----------|----|--------|-----------|
| 250 | 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        | 10 | 298.85 | 2,988.50  |
| 251 | 14.22.<br>1 | Renewing Wrought iron or M.S. Wheel or roller of steel door or gate and fitting and fixing the same with necessary clamps, nuts and bolts/welding and erection etc. complete. Wheel 50 mm dia and below  | per wheel | 10 | 123.70 | 1,237.00  |
| 252 | 14.28.<br>2 | Providing and fixing brass curtain rods of wall thickness 1.25 mm with two brass brackets fixed with brass screws and wooden plugs etc. wherever necessary complete. <b>25 mm diameter</b>   | Mtr       | 50 | 421.75 | 21,087.50 |
| 253 | 14.29       | Providing and fixing M.S. round or square bars with M.S. flats at required spacing in wooden frames of windows and clerestory windows.   | Kg        | 10 | 120.75 | 1,207.50  |
| 254 | 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   | Sqm       | 30 | 271.45 | 8,143.50  |
| 255 | 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       | 80 | 338.25 | 27,060.00 |

|     |             |  |       |       |        |           |
|-----|-------------|--|-------|-------|--------|-----------|
| 256 | 14.75       | Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.   | Sqm   | 40    | 670.95 | 26,838.00 |
| 257 | 14.75.<br>A | 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) | litre | 50000 | 0.50   | 25,000.00 |
| 258 | 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  | 20    | 108.30 | 2,166.00  |
| 259 | 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  | Mtr.  | 200   | 340.75 | 68,150.00 |

|     |             |  |      |     |          |           |
|-----|-------------|--|------|-----|----------|-----------|
| 260 | 14.78       | <p>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:-</p> <p>(i) Tank shall be emptied of water by pumping &amp; bottom shall be cleaned of silt and other deposits.</p> <p>(ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water.</p> <p>(iii) Chlorination of RCC internal surface by liquid chlorine.</p> <p>(iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface.</p> <p>(v) Finally the surface shall be treated with ultraviolet radiation etc.as per direction of Engineer-in-Charge.</p> | Sqm  | 100 | 422.70   | 42,270.00 |
| 261 | 14.79       | Disconnecting damaged overhead/terrace PVC water storage tank of any size from water supply line and removing from the terrace ncluding shifting at ground level as per direction of Engineer-in-charge.   | Each | 50  | 433.75   | 21,687.50 |
| 262 | 14.80       | 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 material i/c malba, all complete as per the direction of Engineer-in charge.   |      |     |          | -         |
| 263 | 14.80.<br>2 | Orisa patten W.C. pan size 580x440 mm  | Each | 5   | 4,478.75 | 22,393.75 |
| 264 | 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  |
| 265 | 14.85       | Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge.  | Each | 10  | 429.10   | 4,291.00  |



|     |         |  |     |       |          |           |
|-----|---------|--|-----|-------|----------|-----------|
| 266 | 14.91.1 | Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/ 450N/5cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane : 14.91.1 3 mm thick | Sqm | 50.00 | 560.95   | 28,047.50 |
|     |         | <b>DISMANTLING AND DEMOLISHING</b>   |     |       |          |           |
| 267 | 15.2    | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.   |     |       |          |           |
| 268 | 15.2.1  | Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)   | Cum | 10    | 2,434.25 | 24,342.50 |
| 269 | 15.2.2  | Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)   | Cum | 10    | 1,503.60 | 15,036.00 |
| 270 | 15.7    | 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.   |     |       |          | -         |
| 271 | 15.7.4  | In cement mortar   | Cum | 10    | 2,060.20 | 20,602.00 |

|     |             |   |      |       |        |           |
|-----|-------------|---|------|-------|--------|-----------|
| 272 | 15.12       | Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :   |      |       |        | -         |
| 273 | 15.12.<br>1 | Of area 3 sq. metres and below  | Each | 30    | 367.20 | 11,016.00 |
| 274 | 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   | 498.5 | 5.65   | 2,816.53  |
| 275 | 15.23       | Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.  |      |       |        |           |
| 276 | 15.23.<br>1 | For thickness of tiles 10mm to 25 mm  | Sqm  | 50    | 73.40  | 3,670.00  |
| 277 | 15.23.<br>2 | For thickness of tiles above 25 mm and upto 40 mm   | Sqm  | 50    | 113.35 | 5,667.50  |
| 278 | 15.27       | Demolishing mud phaska in terracing and disposal of material within 50 metres lead.   | Cum  | 20    | 914.30 | 18,286.00 |
| 279 | 15.30       | Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50metres lead as per direction of Engineer - in- charge.   | Sqm  | 11    | 253.90 | 2,792.90  |
| 280 | 15.44.<br>1 | Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge :<br><b>15 mm to 40 mm nominal bore</b> | Mtr  | 50    | 149.80 | 7,490.00  |
| 281 | 15.52       | Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of nserviceable materials within 50 metres lead.   | Each | 49    | 112.05 | 5,490.45  |
| 282 | 15.56       | Dismantling old plaster or skirting raking out joints and cleaning thesurface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.  | Sqm  | 100   | 54.65  | 5,465.00  |

|     |             |  |     |     |          |           |
|-----|-------------|--|-----|-----|----------|-----------|
| 283 | 15.57       | Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.  | Sqm | 100 | 56.35    | 5,635.00  |
| 284 | 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 | 100 | 263.95   | 26,395.00 |
|     |             | <b>ROAD WORK</b>   |     |     |          |           |
| 285 | 16.18.<br>1 | Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used. <b>With G.I. barbed wire</b> | Mtr | 20  | 22.10    | 442.00    |
| 286 | 16.42       | Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.   | Cum | 1   | 7,993.80 | 7,993.80  |

|     |         |   |  |    |        |           |
|-----|---------|---|--|----|--------|-----------|
| 287 | 16.45   | Providing and fixing in position pre-moulded joint filler in expansion joints of RCC roads / CC pavements after making the joints dust free with high pressure air jet cleaners, all complete as per direction of the Engineer-in-Charge. (Pre-moulded joint fillers shall be made of bitumen hot sealing compound impregnated fibre board having impregnation more than 35%, conforming to IS:1838 for fibre board and IS: 1834 for hot sealing bitumen compound grade A.) | per Cm depth per Cm width per metre length | 20 | 5.30   | 106.00    |
| 288 | 16.46.1 | Providing and filling in position rubberized bitumen hot sealing compound for sealing of expansion joints in roads / pavements all complete as per direction of the Engineer-in-Charge. Using grade 'A' sealing compound conforming to IS: 1834   | per Cm depth per Cm width per metre length | 20 | 8.65   | 173.00    |
| 289 | 16.68   | Providing and laying 60mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in - charge.   | Sqm  | 50 | 972.00 | 48,600.00 |
| 290 | 16.47   | Painting runway/taxi track/apron marking with adequate nos of coats to give uniform finish with road marking paint of superior make as approved by the Engineer-in-charge, i/c cleaning the surface of ail dirt, scales, oil, grease and other foreign material etc. and lining out complete.   |  |    |        | -         |
| 291 | 16.47.2 | Old work (on or more coats )  | Sqm  | 50 | 120.80 | 6,040.00  |

|                               |        |   |      |   |          |           |
|-------------------------------|--------|---|------|---|----------|-----------|
| 292                           | 16.75  | Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator , vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-incharge. (The panel shuttering work shall be paid for separately). (Note:- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/ recoverable separately). | Cum  | 1 | 9,823.80 | 9,823.80  |
| <b>SANITARY INSTALLATIONS</b> |        |   |      |   |          |           |
| 293                           | 17.1   | Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:  |      |   |          |           |
| 294                           | 17.1.1 | White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests   | Each | 6 | 6,767.40 | 40,604.40 |
| 295                           | 17.3   | Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :  |      |   |          |           |
| 296                           | 17.3.1 | W.C. pan with ISI marked white solid plastic seat and lid   | Each | 8 | 8,006.60 | 64,052.80 |
| 297                           | 17.7   | Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:  |      |   |          | -         |

|     |           |  |      |   |          |           |
|-----|-----------|--|------|---|----------|-----------|
| 298 | 17.7.1    | White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps  | Each | 8 | 2,648.85 | 21,190.80 |
| 299 | 17.7.3    | Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :<br><b>White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps.</b> | Each | 5 | 2,301.75 | 11,508.75 |
| 300 | 17.8      | Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.   | Each | 6 | 1,683.35 | 10,100.10 |
| 301 | 17.10     | 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 :   |      |   |          | -         |
| 302 | 17.10.1   | Kitchen sink with drain board  |      |   |          | -         |
| 303 | 17.10.1.1 | 510x1040 mm bowl depth 250 mm  | Each | 4 | 6,945.60 | 27,782.40 |
| 304 | 17.10.2   | Kitchen sink without drain board   |      |   |          | -         |
| 305 | 17.10.2.1 | 610x510 mm bowl depth 200 mm   | Each | 4 | 4,940.80 | 19,763.20 |
| 306 | 17.11     | 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 :                           |      |   |          | -         |
| 307 | 17.11.1   | Size 450x300x150 mm  | Each | 5 | 5,020.85 | 25,104.25 |
| 308 | 17.11.2   | Size 600x450x200 mm  | Each | 5 | 6,585.80 | 32,929.00 |
| 309 | 17.13.2   | Providing and fixing white vitreous china water closet squatting pan (Indian type)<br><b>Orissa pattern W.C. pan of size 580x440 mm</b>  | Each | 5 | 3,169.05 | 15,845.25 |
| 310 | 17.15     | Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan.  | Each | 5 | 2,784.95 | 13,924.75 |

|     |               |  |      |    |          |           |
|-----|---------------|--|------|----|----------|-----------|
| 311 | 17.18         | Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.                                    |      |    |          |           |
| 312 | 17.18.<br>1   | 10 litre capacity - White  | Each | 10 | 1,190.65 | 11,906.50 |
| 313 | 17.20         | Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete :   |      |    |          |           |
| 314 | 17.20.<br>1   | White solid plastic seat with lid  | Each | 20 | 684.85   | 13,697.00 |
| 315 | 17.22<br>A    | Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.   | Each | 15 | 1,034.80 | 15,522.00 |
| 316 | 17.23         | Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm or 340x410x265mm sizes respectively.  | Each | 5  | 1,648.95 | 8,244.75  |
| 317 | 17.25.<br>2   | Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings :<br><b>Flat back wash basin of size 550x400mm.</b>                               | Each | 5  | 992.60   | 4,963.00  |
| 318 | 17.28         | Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.  |      |    |          |           |
| 319 | 17.28.<br>2   | Flexible pipe  |      |    |          |           |
| 320 | 17.28.<br>2.1 | 32 mm dia  | Each | 30 | 119.55   | 3,586.50  |
| 321 | 17.28.<br>2.2 | 40 mm dia  | Each | 30 | 119.55   | 3,586.50  |
| 322 | 17.29         | Providing and fixing 100 mm sand cast Iron grating for gully trap.   | Each | 30 | 53.25    | 1,597.50  |
| 323 | 17.31         | Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. | Each | 50 | 1,607.95 | 80,397.50 |
| 324 | 17.34         | Providing and fixing toilet paper holder :   |      |    |          |           |
| 325 | 17.34.<br>1   | C.P brass  | Each | 2  | 803.70   | 1,607.40  |

|     |               |  |      |    |          |          |
|-----|---------------|--|------|----|----------|----------|
| 326 | 17.35         | Providing and fixing soil, waste and vent pipes :  |      |    |          |          |
| 327 | 17.35.<br>1.2 | i) Centrifugally cast iron socket & spigot (S &S) pipe as per IS: 3989 , 100mm dia   | Mtr  | 1  | 1,180.75 | 1,180.75 |
| 328 | 17.35.<br>2.2 | i) Centrifugally cast iron socketed pipe as per IS:3989 , 75 mm diameter   | Mtr  | 1  | 1,186.00 | 1,186.00 |
| 329 | 17.50         | Providing and fixing single equal plain invert branch of required degree:  |      |    |          |          |
| 330 | 17.50.<br>1.2 | i) Sand cast iron S&S as per IS 3989<br><b>100x100x100 mm</b>  | Each | 1  | 747.85   | 747.85   |
| 331 | 17.50.<br>2.2 | i) Sand cast iron S&S as per IS 3989<br><b>75x75x75 mm</b>   | Each | 1  | 575.45   | 575.45   |
| 332 | 17.57.<br>1.2 | Providing fixing collar: Sand cast iron S&S as per IS 3989<br><b>100 mm</b>  | Each | 1  | 513.15   | 513.15   |
| 333 | 17.57.<br>2.2 | i) Sand cast iron S&S as per IS 3989<br><b>75 mm</b>   | Each | 1  | 362.05   | 362.05   |
| 334 | 17.58         | Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fitting of diameter :   |      |    |          |          |
| 335 | 17.58.<br>1   | a) 100 mm  | Each | 1  | 622.50   | 622.50   |
| 336 | 17.58.<br>2   | b) 75 mm   | Each | 1  | 526.25   | 526.25   |
| 337 | 17.60         | Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors.  |      |    |          |          |
| 338 | 17.60.<br>2   | (a) 100 mm inlet and 75 mm outlet  |      |    |          | -        |
| 339 | 17.60.<br>2.1 | l) Sand cast iron S&S as per IS - 3989   | Each | 1  | 1,975.15 | 1,975.15 |
| 340 | 17.71         | Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms. | Each | 50 | 168.35   | 8,417.50 |
| 341 | 17.72         | Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.              | Each | 4  | 231.95   | 927.80   |



|     |             |   |      |    |        |          |
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| 342 | 17.73.<br>2 | Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. <b>600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.</b>   | Each | 10 | 708.95 | 7,089.50 |
| 343 | 17.74       | Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour, weighing not less than 300 gms   | Each | 5  | 713.20 | 3,566.00 |
| 344 | 17.75       | Providing and fixing PTMT 15 mm Urinal spreader size 95x69x100 mm with 1/2" BSP thread and shapes, weighing not less than 60 gms.   | Each | 5  | 107.20 | 536.00   |
| 345 | 17.76.<br>1 | Providing and fixing PTMT urinal cock of approved quality and colour <b>15 mm nominal bore, 80 mm long, 42 mm high and 30mm wide with BSP female threads weighing not less than 48 gms</b>  | Each | 4  | 175.40 | 701.60   |
|     |             | <b>WATER SUPPLY</b>   |      |    |        |          |
| 346 | 18.7        | 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 |      |    |        |          |
| 347 | 18.7.1      | 15 mm nominal outer dia .Pipes.   | Mtr  | 9  | 286.80 | 2,581.20 |
| 348 | 18.7.2      | 20 mm nominal outer dia .Pipes.   | Mtr  | 9  | 335.00 | 3,015.00 |
| 349 | 18.7.3      | 25 mm nominal outer dia .Pipes.   | Mtr  | 9  | 401.55 | 3,613.95 |
| 350 | 18.7.4      | 32 mm nominal outer dia .Pipes.   | Mtr  | 6  | 518.75 | 3,112.50 |
| 351 | 18.7.5      | 40 mm nominal outer dia .Pipes.   | Mtr  | 6  | 702.95 | 4,217.70 |
| 352 | 18.7.6      | 50 mm nominal outer dia .Pipes.   | Mtr  | 6  | 934.15 | 5,604.90 |

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|-----|--------------|---|-------|---|---------|----------|
| 353 | 18.9         | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. |       |   |         |          |
| 354 | 18.9.1       | 15 mm nominal outer dia pipes   | metre | 9 | 244.70  | 2,202.30 |
| 355 | 18.9.2       | 20 mm nominal outer dia pipes   | metre | 9 | 274.30  | 2,468.70 |
| 356 | 18.9.3       | 25 mm nominal outer dia .Pipes.   | metre | 9 | 355.40  | 3,198.60 |
| 357 | 18.9.4       | 32 mm nominal outer dia pipes   | metre | 9 | 438.60  | 3,947.40 |
| 358 | 18.9.4       | 40 mm nominal outer dia .Pipes.   | metre | 9 | 563.05  | 5,067.45 |
| 359 | 18.9.6       | 50 mm nominal outer dia pipes   | metre | 9 | 794.25  | 7,148.25 |
| 360 | 18.10        | Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. : Internal work – Exposed on wall.   |       |   |         |          |
| 361 | 18.10.<br>1  | 15 mm dia. nominal bore   | Mtr   | 6 | 366.40  | 2,198.40 |
| 362 | 18.10.<br>2  | 20 mm dia. nominal bore   | Mtr   | 6 | 437.30  | 2,623.80 |
| 363 | 18.10.<br>3  | 25 mm dia. nominal bore   | Mtr   | 6 | 551.70  | 3,310.20 |
| 364 | 18.12        | Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work  |       |   |         |          |
| 365 | 18.12.<br>3  | 25 mm dia. nominal bore   | Mtr   | 1 | 467.75  | 467.75   |
| 366 | 18.12.<br>5  | 40 mm dia. nominal bore   | Mtr   | 1 | 617.05  | 617.05   |
| 367 | 18.13.<br>1  | Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete :<br><b>25 to 40 mm nominal bore</b>  | Each  | 1 | 911.90  | 911.90   |
| 368 | 18.17        | Providing and fixing gun metal gate valve with CI wheel of approved quality   |       |   |         |          |
| 369 | 18.17.<br>1  | 25mm nominal bore   | Each  | 1 | 622.4   | 622.40   |
| 370 | 18.17.<br>1A | 20mm nominal bore   | Each  | 1 | 539.95  | 539.95   |
| 371 | 18.17.<br>2  | 32mm nominal bore   | Each  | 1 | 689.6   | 689.60   |
| 372 | 18.17.<br>3  | 40mm nominal bore   | Each  | 1 | 826.1   | 826.10   |
| 373 | 18.17.<br>4  | 50mm nominal bore   | Each  | 1 | 1026.65 | 1,026.65 |
| 374 | 18.17.<br>5  | 65mm nominal bore   | Each  | 1 | 1742.15 | 1,742.15 |

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| 375 | 18.17.<br>6 | 80mm nominal bore  | Each    | 1     | 2604.55 | 2,604.55  |
| 376 | 18.22       | Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :   |         |       |         |           |
| 377 | 18.22.<br>1 | 100 mm diameter  | Each    | 20.00 | 193.95  | 3,879.00  |
| 378 | 18.22.<br>2 | 150 mm diameter  | Each    | 10.00 | 222.35  | 2,223.50  |
| 379 | 18.48       | Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank | per ltr | 1000  | 11.00   | 11,000.00 |
| 380 | 18.49       | Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 18.49.1 15 mm nominal bore  | Each    | 10    | 506.80  | 5,068.00  |
| 381 | 18.50       | Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. 18.50.1 15 mm nominal bore   | Each    | 10    | 820.70  | 8,207.00  |
| 382 | 18.51       | Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.  |         |       |         |           |
| 383 | 18.51.<br>1 | 15 mm nominal bore   | Each    | 5     | 798.95  | 3,994.75  |
| 384 | 18.52       | Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 18.52.1 15 mm nominal bore  | Each    | 5     | 670.45  | 3,352.25  |
| 385 | 18.53       | Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931  |         |       |         |           |
| 386 | 18.53.<br>1 | 15 mm nominal bore   | Each    | 5     | 574.30  | 2,871.50  |
| 387 | 18.65       | Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.  | Each    | 10    | 111.45  | 1,114.50  |
| 388 | 18.76       | Cutting holes up to 30x30 cm in walls including making good the same:  |         |       |         | -         |

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| 389 | 18.76.<br>1  | With common burnt clay F.P.S. (non modular) bricks  | Each | 5 | 416.80   | 2,084.00  |
| 390 | 18.77        | Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof.  | Each | 5 | 452.00   | 2,260.00  |
|     |              | <b>DRAINAGE</b>   |      |   |          |           |
| 391 | 19.1.2       | Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : <b>150 mm diameter</b>   | Mtr  | 5 | 695.80   | 3,479.00  |
| 392 | 19.3.2       | Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes including bed concrete as per standard design : <b>150 mm diameter S.W. pipe</b>   | Mtr  | 5 | 743.10   | 3,715.50  |
| 393 | 19.4         | Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:   |      |   |          |           |
| 394 | 19.4.2<br>.1 | Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design : <b>150 x 100 mm size P type. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5</b> | Each | 5 | 2,734.20 | 13,671.00 |
| 395 | 19.4.3       | 180x150xmm size P type  |      |   |          |           |
| 396 | 19.4.3<br>.1 | With common burnt clay F.P.S. (non modular) bricks of class designation 7.5   | Each | 5 | 2,802.15 | 14,010.75 |

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|-----|--------------|--|------|----|-----------|-----------|
| 397 | 19.5         | Dismantling of old S.W. Pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead and disposal of unserviceable materials into municipal dumps :   |      |    |           |           |
| 398 | 19.5.2       | a)150 mm diameter  | Mtr  | 5  | 98.45     | 492.25    |
| 399 | 19.5.4       | b) 250 mm diameter   | Mtr  | 5  | 111.00    | 555.00    |
| 400 | 19.7.1<br>.1 | Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With common burnt clay F.P.S. (non modular)bricks of class designation 7.5 | Each | 1  | 12,770.55 | 12,770.55 |
| 401 | 19.8.1<br>.1 | Extra for depth for manholes :Size 90x80 cmWith common burnt clay F.P.S. (non modular) bricks of class designation 7.5   | Mtr  | 2  | 8,825.40  | 17,650.80 |
| 402 | 19.18        | Supplying and fixing C.I. cover without frame for manholes :<br>19.18.1 455x610 mm rectangular C.I. cover (light duty) the weight of the cover to be not less than 23 kg   | Each | 10 | 1,358.00  | 13,580.00 |

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|-----|----------|--|------|----|----------|-----------|
| 403 | 19.19.1  | Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality<br>19.19.1 LD-2.5<br>19.19.1.1 Rectangular shape 600x450 mm internal dimensions  | Each | 5  | 1,437.65 | 7,188.25  |
| 404 |          | 19.19.1.2 Square shape 450 mm internal dimensions  | Each | 5  | 1,155.45 | 5,777.25  |
|     |          | <b>ALUMINIUM WORKS</b>   |      |    |          |           |
| 405 | 21.1     | 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) : |      |    |          |           |
| 406 | 21.1.1   | For fixed portion  |      |    |          | -         |
| 407 | 21.1.1.2 | Powder coated aluminium (minimum thickness of powder coating 50 micron)  | Kg   | 25 | 530.90   | 13,272.50 |
| 408 | 21.1.1.3 | Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)  | Kg   | 25 | 539.85   | 13,496.25 |
| 409 | 21.1.2   | 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)  |      |    |          |           |
| 410 | 21.1.2.2 | Powder coated aluminium (minimum thickness of powder coating 50 micron)  | Kg   | 15 | 634.45   | 9,516.75  |
| 411 | 21.1.2.3 | Polyester powder coated aluminium minimum( thickness of polyester powder coating 50 micron)  | Kg   | 15 | 643.45   | 9,651.75  |

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| 412 | 21.2   | 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 screwsetc. complete as per architectural drawings and directions of engineerin-charge.   |      |   |          |           |
| 413 | 21.2.2 | Pre-laminated particle board with decorative lamination on both sides   | Sqm  | 5 | 1,115.40 | 5,577.00  |
| 414 | 21.3   | 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 in basic item):   |      |   |          |           |
| 415 | 21.3.1 | With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)  | Sqm  | 5 | 1,176.80 | 5,884.00  |
| 416 | 21.3.2 | With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)  | Sqm  | 5 | 1,505.25 | 7,526.25  |
| 417 | 21.3.3 | With float glass panes of 8 mm thickness (weight not less than 20 kg/sqm)   | Sqm  | 2 | 1,685.40 | 3,370.80  |
| 418 | 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 EngineerinCharge.<br>With stainless steel cover plate minimum 1.25 mm thickness | Each | 5 | 2,823.85 | 14,119.25 |

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|-----|---------|---|-------|----|----------|-----------|
| 419 | 21.8.1  | Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete 21.8.1 Upto 5 mm depth and 5 mm width.   | m     | 10 | 96.75    | 967.50    |
| 420 | 21.11   | Providing and fixing stainless steel (SS 304 grade) adjustable friction windows stays of approved quality with necessary stainless steel screws etc. to the side hung windows as per direction of Engineer-in-charge complete.  |       |    |          |           |
| 421 | 21.11.1 | 205 X 19 mm   | Each  | 15 | 344.30   | 5,164.50  |
| 422 | 21.11.2 | 255 X 19 mm   | Each  | 15 | 387.00   | 5,805.00  |
| 423 | 21.11.3 | 355 X 19 mm   | Each  | 15 | 325.80   | 4,887.00  |
| 424 | 21.11.4 | 510 X 19 mm   | Each  | 10 | 802.40   | 8,024.00  |
| 425 | 21.11.5 | 21.11.5 710 X 19 mm   | Each  | 5  | 1,478.15 | 7,390.75  |
| 426 | 21.13   | 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.  | Each  | 15 | 528.85   | 7,932.75  |
| 427 | 21.16   | Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-incharge  |       |    |          | -         |
| 428 | 21.16.2 | Powder coated minimum thickness 50 micron aluminium   | Each  | 15 | 109.30   | 1,639.50  |
| 429 | 21.19   | Filling the gap in between aluminium/ stone/ wood frame and adjacent RCC/ Brick/ Stone/ wood/ Ceramic/ Gypsum work by providing weather/structural non sag elastomeric PU sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete, complying to ASTM C920, DIN 18540-F & ISO 11600 |       |    |          |           |
| 430 | 21.19.3 | Upto 20 mm depth and 20 mm width  | metre | 50 | 363.20   | 18,160.00 |



|     |       |   |     |   |           |           |
|-----|-------|---|-----|---|-----------|-----------|
| 431 | 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 | 1 | 10,117.60 | 10,117.60 |
| 432 | 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  | 5 | 638.35    | 3,191.75  |
| 433 | 21.18 | Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double action hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc. to be paid separately).  | Sqm | 5 | 5,325.90  | 26,629.50 |

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|-----|---------|--|-----|-------|----------|-----------|
| 434 | 22.5    | <p>Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound@ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b)Second layer of slurry of cement @ 0.242 kg/sqm mixed with waterproofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.</p> | Sqm | 10    | 617.05   | 6,170.50  |
| 435 | 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 | 2     | 8,042.30 | 16,084.60 |
| 436 | 22.22 A | <p>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.</p>                          | Sqm | 10.00 | 563.10   | 5,631.00  |

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|-----|-------------|---|-----|----|----------|-----------|
| 437 | 26.6E<br>.2 | <p>Providing and fixing a tall height wall panelling with phenol bonded Bamboo Mat board conforming to 1S:13958-1994 including providing and fixing to frame work made of 50 mm x 50 mm hard wood plugs including cutting brick work and fixing in cement mortar and making good the wall etc. and also providing and fixing wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws all complete as per direction of Engineer-in-Charge. 12 mm thickness</p>  | Sqm | 1  | 5,824.10 | 5,824.10  |
| 438 | 26.26.<br>1 | <p>Providing &amp; fixing false ceiling at all heights with GRG (Glass Fibre Reinforced Gypsum) false ceiling tiles of Size 595x595 mm of approved texture, design and patterns having moisture content less than 2%, humidity resistance of 99%, NRC 0.50 to 0.75 as per IS 8225:1987, Non combustible as per BS 476 (part-4)-1970 and light reflectance of 85% (minimum) to be laid in true horizontal level suspended on interlocking metal T-Grid of hot dipped galvanised iron section of 0.33mm thick (galvanized @ 120 grams per sqm including both sides) comprising of main-T runners of size 15x32 mm of length 3000 mm, cross - T of size 15x32 mm of length 1200 mm and secondary intermediate cross-T of size 15x32 mm of length 600mm to form grid module of size 600 x 600 mm, suspended from ceiling using galvanised mild steel items (galvanizing @ 80 grams per sqm) i.e. 50 mm long, 8 mm outer diameter M-6 dash fasteners, 6 mm dia fully threaded hanger rod upto 1000 mm length and L-shape level adjuster of size 85x25x2 mm. Galvanised iron perimeter wall angle of size 24x24x0.40 mm of length 3000 mm to be fixed on periphery wall / partition with the help of plastic rawl plugs at 450 mm center to center and 40 mm long dry wall SS screws. The work shall be carried out as per specifications, drawing and as per directions of Engineer-in-Charge. With semi perforated 12 mm thick micro tegular edged GRG false ceiling tiles. With semi perforated 12 mm thick micro tegular edged GRG false ceiling tiles.</p> | Sqm | 20 | 1,852.05 | 37,041.00 |

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|-----|-------------|---|-------|---|--------|----------|
| 439 | 26.28.<br>3 | Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge 25 mm average thickness  | Sqm   | 2 | 126.75 | 253.50   |
| 440 | 26.29.<br>1 | Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of Engineer-In-Charge. Bars upto 12 mm diameter   | metre | 1 | 8.25   | 8.25     |
| 441 | 26.31.<br>1 | Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect. SBR Polymer (@10% of cement weight) modified cementitious bond coat @2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer  | Sqm   | 2 | 141.20 | 282.40   |
| 442 | 26.32.<br>2 | Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge. Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/ mm <sup>2</sup> ). 25 mm average thickness in 2 layers. | Sqm   | 2 | 587.35 | 1,174.70 |

|     |             |  |       |    |        |              |
|-----|-------------|--|-------|----|--------|--------------|
| 443 | 26.35.<br>2 | Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/ masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineerin- Charge. (The payment shall be made on the basis of actual weight of approved grout injected.) Stirrer mixed SBR Polymer (of approved make) modified Cement slurry made with Shrinkage Compensating Cement in concrete/RCC work. | Kg    | 1  | 124.00 | 124.00       |
| 444 | 26.39       | Providing and inserting 12mm dia galvanised steel injection nipple in honey comb area and along crack line including drilling of holes of required diametre (20mm to 30mm) up to depth from 30mm to 80mm at required spacing and making the hole & crack dust free by blowing compressed air, sealing the distance between injection nipple with adhesive chemical of approved make and allow it to cure complete as per direction of Engineer-In-Charge.  | Each  | 5  | 236.90 | 1,184.50     |
| 445 | 26.40       | Providing and fixing hard drawn steel wire fabric of size 75 x25 mm mesh or other suitable size wire mesh to be fixed & firmly anchored to the concrete surface by means of "L" shaped mild steel shear key welded with existing reinforcement including the cost of materials, labour, tool & plants as approved by engineer-in-charge.   | Sqm   | 1  | 902.55 | 902.55       |
| 446 | 26.72       | Providing and laying 60mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in - charge.  | Sqm   | 10 | 829.75 | 8,297.50     |
|     |             |  | TOTAL |    |        | 5,721,481.71 |

|  |  |                                 |                |                     |
|--|--|---------------------------------|----------------|---------------------|
|  |  | Apply correction factor @ 0.973 |                | 5,567,001.70        |
|  |  |                                 | <b>G TOTAL</b> | <b>5,567,001.70</b> |

55.67

**NAME OF WORK :- Annual Repairs and Maintenance(Civil) of 100 Bedded ESIC Hospital and its staff quarter, Raipur on self execution basis for one Year (2025-2026)**

**HORTICULTURE**

| Sr.No | DSR 2025 | DESCRIPTION   | A/U | QTY. | RATE   | AMOUNT.    |
|-------|----------|---|-----|------|--------|------------|
| 1     | 2.1      | Trenching in ordinary soil up to a depth of 60 cm including removal and stacking of serviceable materials and then disposing of surplus soil, by spreading and neatly levelling within a lead of 50 m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge or / and manure before and after flooding trench with water (excluding cost of imported earth, sludge or manure). | Cum | 60   | 119.00 | 7,140.00   |
| 2     | 2.2      | Supplying and stacking of good earth at site including royalty and carriage upto 5 km lead complete (earth measured in stacks will be reduced by 20% for payment).  | Cum | 150  | 803.75 | 120,562.50 |
| 3     | 2.4.1    | Supplying and stacking at site dump manure from approved source, including carriage upto 5 km lead complete (manure measured in stacks will be reduced by 8% for payment) :<br>2.4.1 Screened through sieve of I.S. designation 20 mm   | Cum | 100  | 391.35 | 39,135.00  |
| 4     | 2.5      | Rough dressing the trenched ground including breaking clods.  | Sqm | 2000 | 2.30   | 4,600.00   |
| 5     | 2.6      | Uprooting weeds from the trenched area after 10 to 15 days of its flooding with water including disposal of uprooted vegetation.  | Sqm | 2000 | 7.45   | 14,900.00  |
| 6     | 2.7      | Fine dressing of the ground.  | Sqm | 2000 | 5.60   | 11,200.00  |
| 7     | 2.8      | Spreading of sludge, dump manure and/or good earth in required thickness as per direction of officer-in-charge (cost of sludge, dump manure and/ or good earth to be paid separately).  | Cum | 200  | 79.70  | 15,940.00  |
| 8     | 2.9      | Mixing earth and sludge or manure in the required proportion specified or directed by the Officer-in-charge   | Cum | 200  | 55.70  | 11,140.00  |

|    |        |  |         |      |        |           |
|----|--------|--|---------|------|--------|-----------|
| 9  | 2.10.2 | Grassing with selection No. 1 Doob grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the grass and good earth shall be paid for separately). With grass Turf   | Sqm     | 1000 | 20.30  | 20,300.00 |
| 10 | 2.24   | Flooding the ground with water including making kiaries and dismantling the same.  | Sqm     | 1000 | 3.05   | 3,050.00  |
| 11 | 2.29.1 | Providing Circular Cement Concrete pots of specified size, cast with cement concrete of nominal mix 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 6 mm nominal size), reinforced with 7 Nos ( 3 nos horizontal & 4 nos vertical “ U “ shape) M.S. wires of 3.5 mm dia as per design, including required form work, finishing with cement punning on exposed surface, curing for specified period and stacking in required rows & height, all complete as per direction of Officer-in-charge : Top inside dia 35 cm, outer bottom dia 25 cm, total height 35 cm with wall thickness of 25.4 mm | Each    | 100  | 311.35 | 31135     |
| 12 | 2.33   | Providing and laying Neelgiri/Mexican grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with tools wooden (Dhurmos) and than rolling the surface with light roller make the surface smoothen and light watering with sprinkler and maintenance for 30 days or more till the grass establish properly, as per direction of officer-in-charge.  | per sqm | 350  | 257.00 | 89950     |



|    |      |  |         |     |        |         |
|----|------|--|---------|-----|--------|---------|
| 13 | 2.34 | Providing & laying Selection no. 1 grass turf with earth 50mm to 60mm thickness on existing ground prepared with proper level and ramming with required tools wooden and than rolling the surface with light roller make the surface smoothen and light watering the same, as per direction of officer in charge | per sqm | 350 | 113.70 | 39795   |
| 14 | 2.35 | Supplying & Stacking of Selection No.1 grass turf at site fresh & freefrom weeds having proper roots, lush green including loading, unloading,carriage and all taxes paid etc. and as per direction of the officer-incharge.   | per sqm | 350 | 64.70  | 22645   |
| 15 | 2.56 | Anti termite treatment of lawn area through premise 30.50% I P. one liter premise diluted in 499 liters water and applying solution @ 1.00 litre solution per sqm lawn or bed area.(two application) i/c cost of chemical)and as per direction of officer-in-charge.and as per direction of officer-in-charge.   | per sqm | 400 | 4.10   | 1640    |
| 16 | 3.3  | Providing and displaying of Aglaonema Parrot Jungle (three in one), having ht. 30 cm and above with 20 to 25 leaves, well developed, fresh & healthy in 25 cm size of Earthen pot/Plastic pot & as per direction of the officerin-charge.  | Each    | 25  | 67.65  | 1691.25 |
| 17 | 3.18 | Providing and displaying of Areca Palm having ht. 90 cm to 1.20 m with 4 to 5 suckers, well developed, fresh and healthy with lush green foliage in 25 cm size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.   | Each    | 35  | 157.85 | 5524.75 |
| 18 | 3.23 | Providing and displaying of Brassia Variegated having ht. 30 cm, well developed with fresh and healthy foliage in 20 cm size of Earthen pot/ Plastic pot & as per direction of the officer-in-charge   | Each    | 60  | 44.40  | 2664    |

|    |      |   |      |     |        |           |
|----|------|---|------|-----|--------|-----------|
| 19 | 4.37 | Providing and Displaying Marigold jaffri orange/yellow/Russet colour well developed with fresh & healthy foliage with 40 to 50 flowers in bloom specimen plant 60 to 75 cm ht in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge. | Each | 100 | 117.20 | 11,720.00 |
| 20 | 4.61 | Providing and Displaying Salvia ht. 45 to 60 cm multi branches stacking with bamboo stick specimen plants type with full bloom well developed in 30 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.                                 | Each | 100 | 135.70 | 13,570.00 |
| 21 | 4.74 | Providing and Displaying Cosmos well developed fresh & healthy 20 to 25 cm ht. attractive colors multi branching at blooming stage in 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.  | Each | 100 | 46.90  | 4,690.00  |
| 22 | 4.77 | Providing and Displaying Kochia well developed fresh & healthy 20 to 25 cm ht. lush green well shaped in 20 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.   | Each | 80  | 35.80  | 2,864.00  |
| 23 | 4.86 | Providing and Displaying Zinnia hybrid double in different colour well developed fresh & healthy 30 to 45 cm ht. (3 to 4 in each pot) full bloom in 25 cm Earthen Pot/Plastic Pot and as per direction of the officer-in-charge.                              | Each | 80  | 49.35  | 3,948.00  |
| 24 | 4.91 | Providing and Displaying Budded Rose (H.T. variety) 3 to 4 healthy branch 30 cm and above ht. well developed with one and above flower plant in 20 cm Earthen Pot, as per direction of the officer-in-charge.   | Each | 85  | 35.80  | 3,043.00  |
| 25 | 4.93 | Providing and Displaying of Standard Rose (H.T. variety) 3 to 4 healthy branch 90 cm and above ht. well developed with one and above flowers in 25 cm Earthen Pot, as per direction of the officer-in-charge.   | Each | 75  | 160.40 | 12,030.00 |

|    |      |  |      |     |        |           |
|----|------|--|------|-----|--------|-----------|
| 26 | 5.1  | Providing and Displaying Acalypha Different colour well developed, fresh & healthy with good foliage, multi branch 30 to 45 cm ht. in 20 cm size of Earthen Pot/ Plastic Pot bushy plant as per direction of the officer-in-charge.  | Each | 75  | 39.50  | 2,962.50  |
| 27 | 5.4  | Providing and Displaying Acalypha twisted well developed with fresh & healthy 30 cm ht. in 20 cm size Earthen Pot/ Plastic Pot as per direction of the officer-in-charge.  | Each | 75  | 44.40  | 3,330.00  |
| 28 | 6.1  | Providing and stacking of Alpinia Variegated (three in one) having ht. 30 cm and above, with fresh and healthy variegated foliage in 25 cm size of Earthen Pot / Plastic Pot & as per direction of the officer-in-charge.            | Each | 35  | 132.40 | 4,634.00  |
| 29 | 6.2  | Providing and stacking of Alternanthera species of height 15 cm to 20 cm, full of branches and foliage in 15 cm size of Earthen Pot / Plastic Pot & as per direction of the officer-incharge.  | Each | 75  | 21.65  | 1,623.75  |
| 30 | 6.13 | Providing and stacking of Euphorbia milli hybrid variety, having ht.30 cm to 45 cm with multi branch, full bloom, fresh and healthy leaves in 20 cm size of Earthen Pot / Plastic Pot & as per direction of the officer-in-charge... | Each | 45  | 75.85  | 3,413.25  |
| 31 | 7.77 | Providing and stacking of Polyalthia pendula (Ashok Pendula) of height 180-195 cm. in gunny bag of size 30 cm as per direction of the officer-in-charge.   | Each | 100 | 108.35 | 10,835.00 |
| 32 | 7.10 | Providing and stacking of Bottle palm of ht. 150-180 cm bottom girth 20-25 cm well developed in big poly bags of size 25 cm as per direction of the officer-in-charge.   | Each | 80  | 195    | 15600     |

|    |      |  |      |    |        |        |
|----|------|--|------|----|--------|--------|
| 33 | 7.24 | Providing and stacking of Delonix regia (Gulmohar) height 150-165 cm. in poly bag size 25 cm as per direction of the officer-in-charge.                                  | Each | 20 | 65     | 1300   |
| 34 | 7.39 | Providing and stacking of Fishtail palm of ht. 150-180 cm bottom girth 15-20 cm well developed in big poly bags of size 25 cm as per direction of the officer-in-charge. | Each | 40 | 216.65 | 8666   |
| 35 | 7.52 | Providing and stacking of Magnolia grandiflora of height 150-165 cm. in big poly bag of size 25 cm as per direction of the officer-in-charge.v                           | Each | 40 | 411.65 | 16466  |
| 36 | 7.53 | Providing and stacking of Mangifera indica (Mango-grafted ) height 60-75 cm. in poly bag size 25 cm as per direction of the officer-in-charge.                           | Each | 20 | 60.2   | 1204   |
| 37 | 7.55 | Providing and stacking of Michelia champa (Golden Champa) height 90-105 cm. in earthen pot size 25 cm as per direction of the officer-incharge.                          | Each | 20 | 97.5   | 1950   |
| 38 | 7.67 | Providing and stacking of Plumeria acutifolia of height 120-135 cm. with 2-3 branches in HDPE bag of size 30 cm as per direction of the officer-in-charge.               | Each | 40 | 119.15 | 4766   |
| 39 | 7.85 | Providing and stacking of Tamarindus indica (Imli) height 120-150 cm.in polybag size 25 cm as per direction of the officer-in-charge.                                    | Each | 5  | 86.65  | 433.25 |
| 40 | 8.13 | Providing and stacking of Cestrum nocturnum (Raat ki Rani) of height 60-75 cm. with 4-5 branches in bag of size 25 cm as per direction of the officer-in-charge.         | Each | 40 | 42.15  | 1686   |
| 41 | 8.18 | Providing and stacking of Euphorbia caracasana (bronze colour leaves) of height 90-105 cm., bushy in big size HDPE bag as per direction of the officer-in-charge.        | Each | 20 | 114.35 | 2287   |

|                  |        |   |          |     |       |                   |
|------------------|--------|---|----------|-----|-------|-------------------|
| 42               | 8.20   | Providing and stacking of Euphorbia pulcherrima (dark red) well branched (poinsettia Red Hegg) of height 60-75 cm. in earthen pots of size 25 cm as per direction of the officer-in-charge. | Each     | 10  | 65    | 650               |
| 43               | 8.21   | Providing and stacking of Excoecaria bicolor of height 45-60 cm. in earthen pots of size 20 cm as per direction of the officer-in-charge  | Each     | 15  | 42.15 | 632.25            |
| 44               | 8.30   | Providing and stacking of Gardenia jasminoides of height 45-60 cm. with 3-4 branches in earthen pots of size 20 cm as per direction of the officer-in-charge.                               | Each     | 30  | 54.15 | 1624.5            |
| 45               | 8.47   | Providing and stacking of Murraya Koenigii spreng (Kadipatta/meetha neem) of ht 45-60 cm well developed in earthen pots of size 20 cm. per direction of the officer-in-charge.              | Each     | 10  | 27.7  | 277               |
| 46               | 8.51   | Providing and stacking of Nerium oleander (kaner) dwarf of height 30-40 cm. in earthen pot of size 20 cm as per direction of the officer-in-charge  | Each     | 20  | 42.15 | 843               |
| 47               | 9.3    | Providing and stacking Bignonia venusta (Golden shower) of height 30 cm to 45 cm. in 20 cm size of Earthen pots / Plastic pots & as per direction of the officer-in-charge                  | Each     | 25  | 43.35 | 1083.75           |
| 48               | 9.8    | Providing and stacking Jasmine grandiflorum (chameli) of height 30 cm to 45 cm. in 20 cm size of Earthen pots / Plastic pots & as per direction of the officer-in-charge. .                 | Each     | 120 | 32.5  | 3900              |
| 49               | 9.9    | Providing and stacking Jasmine humile (Yellow) of height 30 cm to 45 cm. in 20 cm size of Earthen pots / Plastic pots & as per direction of the officer-in-charge                           | Each     | 120 | 33.7  | 4044              |
| 50               | 10.1.1 | Alyssum   | Per tray | 40  | 481.5 | 19260             |
| <b>Total 'A'</b> |        |   |          |     |       | <b>601,208.75</b> |

|    |    |   |     |                                |      |                   |
|----|----|---|-----|--------------------------------|------|-------------------|
| 51 | MR | DAP                                       | KG  | 300                            | 55   | 16500             |
| 52 | MR | Mustered powder                           | KG  | 250                            | 220  | 55000             |
| 53 | MR | Neem Powder                               | KG  | 175                            | 85   | 14875             |
| 54 | MR | Vermi Compast                             | KG  | 500                            | 99   | 49500             |
| 55 | MR | Morafiam Fatarsh                          | KG  | 60                             | 199  | 11940             |
| 56 | MR | Rogar                                     | Ltr | 6                              | 390  | 2340              |
| 57 | MR | Ridomil gold                              | KG  | 3                              | 1500 | 4500              |
| 58 | MR | Blitox (Co)                               | KG  | 6                              | 880  | 5280              |
| 59 | MR | Chlorpyrifos powder                       | KG  | 60                             | 353  | 21180             |
| 60 | MR | Sunrice Herbicide- Ethoxysulfuron 15% WDG | KG  | 0.15                           | 7760 | 1164              |
| 61 | MR | Imidaclopride                             | KG  | 1.25                           | 1150 | 1437.5            |
|    |    |   |     | <b>Total 'B'</b>               |      | <b>183,716.50</b> |
|    |    |   |     | <b>Excluding GST @ 18%</b>     |      | <b>155,691.95</b> |
|    |    |   |     | Add Water Charges @1%          |      | 1,556.92          |
|    |    |   |     | Sum After adding water charges |      | 157,248.87        |
|    |    |   |     | <b>Add CP&amp;OH @ 15%</b>     |      | 23,587.33         |
|    |    |   |     | <b>Total, After CP&amp;OH</b>  |      | 180,836.20        |
|    |    |   |     | <b>Add Labour Cess @ 1%,</b>   |      | 1,808.36          |
|    |    |   |     | <b>Total After Labour Cess</b> |      | 182,644.56        |
|    |    |   |     | <b>GST @ 18%</b>               |      | 32,876.02         |
|    |    |   |     | <b>Total</b>                   |      | 215,520.58        |
|    |    |   |     | <b>Grand Total (A+B)</b>       |      | <b>816,729.33</b> |

Say in Lakh

8.17