



**GUJARAT REGIONAL OFFICE
EMPLOYEES' STATE INSURANCE CORPORATION
(Ministry of Labour & Employment, Government of India)
Regional Office, Panchdeep Bhavan, Ashram Road-380014
Phone: 079-27582400/450 Fax :079-27540498
[Web Site: www.esic.nic.in](http://www.esic.nic.in)**

**e - TENDER
FOR
SPECIAL REPAIR WORKS FOR CMS, GIRDHARNAGAR, AHMEDABAD**

BID DOCUMENT

Issued by:-

(Regional Director)

**Name of Work : SPECIAL REPAIR WORKS FOR CMS, GIRDHARNAGAR,
AHMEDABAD.**

INDEX

Sl. No	Subject	Annexure	Page No.
1	Notice Inviting Tender	A	3 & 4
2	Instructions to the Bidders for e-tendering	B	5
3	Eligibility Condition	C	6&7
4	Instructions to bidders	D	8 to 12
5	Scope of work	E	13
6	General condition of contract	F	14 to 21
7	Particular condition of contract	G	22 & 23
8	Additional Terms & Conditions For Civil & Electrical Works	P	24 to 27
9	List of Preferred Make		28 to 33
10	Testing of Material		34
11	Contract Agreement	H	35 & 36
12	Form of Performance Security Bank Guarantee Bond	I	37 to 38
13	Technical Bid Performa	J	39 to 41
14	Experience of Company	K	42
15	Undertaking	L	43
16	FORM -H Consent letter from eligible associate agency of minor Component of work	M	44
17	FORM- "I" Memorandum of Understanding (M.O.U) (to be submitted for each and every e&m component)	N	45 & 46
18	Guarantee Bond for Water proofing work	O	47
19	Schedule of quantity		



GUJARAT REGIONAL OFFICE
EMPLOYEES' STATE INSURANCE CORPORATION
 (Ministry of Labour & Employment, Government of India)
 Regional Office, Panchdeep Bhavan, Ashram Road-380014
 Phone: 079-27582400/450 Fax :079-27540498

[Web Site: www.esic.nic.in](http://www.esic.nic.in)

Notice Inviting e-Tender

SPECIAL REPAIR WORKS FOR CMS, GIRDHARNAGAR, AHMEDABAD.

1. Sealed **Percentage Rate E-Tender** under two envelope system are invited from eligible and registered contractors of C.P.W.D.s /State P.W.D.s./M.E.S./ Railways/BSNL Civil and Electrical wing or any other government body as Civil & Electrical Contractor for SPECIAL REPAIR WORKS FOR **CMS, GIRDHARNAGAR, AHMEDABAD.**

Sl.	Item	Detail
1	Name of work	SPECIAL REPAIR WORKS FOR CMS, GIRDHARNAGAR, AHMEDABAD.
2	Time for Completion	05 Months
3	Estimated Cost	Rs. 55.49 Lacs
4	Earnest Money Deposit (EMD)	The amount of Earnest Money Deposit (EMD) of Rs 1,10,980/- (One lakh Ten Thousand Nine Hundred Eighty Only) 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 ESI FUND ACCOUNT No.1, payable at Ahmedabad.
5	Tender Document	The tender document may be downloaded from www.esic.nic.in / tenders , and http://esictenders.eproc.in from 10/08/2018 to 04/09/2018.
6	Last Date of	Technical bid and finance bid must be submitted online

	submission	at http://esictenders.eproc.in during period from 10/08/2018 to 04/09/2018 till 01.00 PM . However, bidders are required to submit technical bid document along with all annexures during period from 10/08/2018 to 04/09/2018 till 01.00 PM in open Tender box kept in Property Management Branch's Room at 1 st floor of Regional Office Building, ESIC, Panchdeep Bhavan, Ashram road, Ahmedabad 380014. It may also be sent through registered post on the address 'Regional Director (Property Management Branch), Regional Office, ESI Corporation, Panchdeep Bhavan, Ashramroad, Ahmedabad-380014 in addition to submitting it online. Bid submitted through any other mode shall not be entertained.
7	Date of opening tender:	The technical bids of tenders shall be opened in the presence of the tenderers who choose to be present on 04/09/2018 at 03.00 PM in conference hall. In case 04/09/2018 is declared a public holiday, tenders shall be received & opened as per above schedule on next working day. Financial bids of those bids who are found technically qualified shall be opened on 12/09/2018 at 03.00PM .

Regional Director
Employees' State Insurance Corporation,
Regional Office, Ahmedabad.

Annexure-B

Important Instructions for Bidders regarding Online Payment

All bidders/contractors are required to procure Class-IIIB Digital Signature Certificate (DSC) with Both DSC Components i.e. Signing and Encryption to participate in the E-Tenders.

Bidders should get Registered at <https://esictenders.eproc.in>

Bidders should add the below mentioned sites under Internet Explorer Tools → Internet Options → Security → Trusted Sites → Sites of Internet Explorer :

<https://esictenders.eproc.in>

<https://www.tpsl-india.in>

<https://www4.ipg-online.com>

Also, Bidders need to select “Use TLS 1.1 and Use TLS 1.2” under Internet Explorer → Tools → Internet Options → Advanced Tab → Security.

Bidder needs to submit Bid Processing Fee charges of Rs. 2495/- (non-refundable) in favour of M/s. C1 India Pvt. Ltd., payable at New Delhi via Online Payment Modes such as Debit Card, Credit Card or Net Banking for participating in the Tender.

Bidders can contact our Helpdesk at <https://esictenders.eproc.in/html/Support.asp>

Annexure-C

ELIGIBILITY CRITERIA FOR BIDDERS

SL. NO.	COMPONENT OF WORK	ESTIMATED COST (Rs.)	ELIGIBILITY	
1.	CIVIL WORKS (Major Component)	46,17,478/-	<p>Composite Registered contractors of C.P.W.D.s /State P.W.D.s./M.E.S./ Railways/BSNL Civil and Electrical wing or any other government body as Civil & Electrical Contractor.</p>	Registered contractors of C.P.W.D.s /State P.W.D.s./M.E.S./ Railways/BSNL Civil wing or any other government body as Civil Contractor
2.	ELECTRICAL WORKS (Minor Component)	9,32,011/-		<p>Registered contractors of C.P.W.D.s /State P.W.D.s./M.E.S./ Railways/BSNL Electrical wing or any other government body as Electrical Contractor</p> <p style="text-align: center;">OR</p> <p>Possessing valid Electrical License of appropriate Voltage issued by state Govt. under relevant Electricity Rule</p> <p style="text-align: center;">OR</p> <p>The main contractor shall either himself meet the eligibility conditions or otherwise. The main contractor shall associate with contractor registered in composite category Class IV and above in CPWD for execution of this Sub head of work, possessing valid Electrical Contractor License of appropriate Voltage issued by state Govt. under relevant Electricity rule.</p>
TOTAL:- 55,49,489/-			Rest Eligibility condition as given below.	

1. The bidder should have minimum three years experience as on Last day of the month previous to the one in which applications are invited in similar nature of works. (Similar nature of works means that the applicant should have completed the Building works including the water supply, sanitary installation and drainage work or Repair and Maintenance works including the water supply, sanitary installation and drainage works or Electrical works of Buildings & its External in Central Govt offices/ State Govt. offices/ attached offices/ statutory bodies/ PSU departments). **[License/ Registration copy for Civil/ Electrical work as mentioned, must be 3 years old in continuation].**
2. Average Annual Financial turnover should be at least of estimated cost of this work during the immediate last 3 consecutive financial years i.e. 2014-15, 2015-16, 2016-17. [Document to be provided as mentioned in Annexure D : 2.2 (i)].
3. The applicant should have also successfully completed similar works **(in Civil & Electrical works separately)** in Central Govt. offices / State Govt. offices / attached offices / statutory bodies / PSU departments during last seven years ending < *Last day of the month previous to the one in which applications are invited* > either of the following :
 - a) Three similar completed works costing not less than the amount equal to 40% of estimated cost put to tender
 - or
 - b) Two similar completed works costing not less than the amount equal to 60% of estimated cost put to tender
 - or
 - c) One similar completed works costing not less than the amount equal to 80% of estimated cost put to tender

(Their completion certificate along with cost of the work, period and nature of work in the prescribed Performa of the concerned department duly signed by the competent authority should be furnished)
4. The Tenderer should have the registered / Branch office in Gujarat. [Document to be provided as mentioned in Annexure D : 2.2 (d)].
5. All documents as stated in point no. 2.2 of Annexure – D must be submitted in Technical Bid.

INSTRUCTIONS TO THE BIDDERS

1. Earnest Money Deposit :

- 1.1. The Earnest Money of Rs **1,10,980/- (One lakh Ten Thousand Nine Hundred Eighty Only)** 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 ESI FUND ACCOUNT No.1, payable at Ahmedabad
- 1.2. EMD shall be placed in separate sealed cover by writing the **SPECIAL REPAIR WORKS FOR CMS, GIRDHARNAGAR, AHMEDABAD** on the envelope. If the Earnest Money is not found as per the prescribed manner then Technical/ financial Bid shall not be opened.
- 1.3. EMD as above mentioned will be accepted in above manner shall accompany the bid.
- 1.4. EMD shall remain valid for a period of 180 days. A bid received without Bid security (EMD) shall be rejected at the bid opening stage.
- 1.5. The earnest money shall be refunded to the unsuccessful tenderers after finalization of the contract.
- 1.6. No interest is payable on the EMD/SD.
- 1.7. The bid security (EMD) may be forfeited, if a bidder withdraws his bid during the specified period of bid validity, specified in the bid documents. In the case of successful bidder, if the bidder fails to submit the agreement bond along with performance Guarantee within time specified in the Tender document after awarding of the contract, ESIC shall without prejudice to any other right or remedy available in Law, be at liberty to forfeit the earnest money absolutely.
- 1.8. Letter of authorization to attend bid opening.

2. Submission of bids:-

- 2.1. Each and every page of the tender documents should bear the stamp and signature of the person whose name registration exists or he shall be authorized legally or any representative clearly by mentioning the name and stating that the person can sign the tender documents on his behalf. Format enclosed shall be filled without exception.
- 2.2. The tenderer should take care to submit all the information sought by the Employees' State Insurance Corporation in prescribed formats. Also, the tenderer has to give the following documents along with technical bid document manually/ in person in addition to online submission of technical bid document wherever applicable in e-tender solution.

- (a) **E.M.D. of Rs.1,10,980/-.**
- (b) Copy of PAN Card
- (c) Clause by clause compliance demonstrating substantive responsiveness to the commercial condition by signing and stamping on all the pages of the original bid documents in physical submission.
- (d) Copy of Certificate of Incorporation/ Shop & Establishment Registration of Firm Certificate/ Memorandum and article of Association/ Partnership Deed/ Proprietorship Deed/ Declaration of proprietorship etc. as the case may be. Also Tenderer to provide details for having the Registered / Branch office in Gujarat.
- (e) Copy of Balance sheet/ P & L Account for last three financial years **(i.e. 2014-15, 2015-16, 2016-17)**
- (f) Copy of Income Tax Return for last three years **financial years (i.e.2014-15, 2015-16, 2016-17).**
- (g) Copy of GST Registration Certificate.
- (h) Annual turnover of works for immediate last 3 consecutive financial years **(i.e. 2014-15, 2015-16, 2016-17)**duly certified by Chartered Accountant.
- (i) Copy of Satisfactory completion certificate of similar nature of work (**in Civil and Electrical separately**, as per sr. no.3 of Annexure –C, i.e. eligibility condition)
- (j) Copy of ESI Registration Certificate.
- (k) Copy of EPF Registration Certificate.
- (l) Copy of Valid License/ Registration copy from C.P.W.D.s/ State P.W.D.s./ M.E.S./ Railways/ BSNL Civil and Electrical wing or any other government body as Civil and Electrical contractor (**As per Annexure C**).
[License/ Registration copy for Civil/ Electrical work as mentioned, must be 3 years old in continuation].
- (m) Copy of Registration certificate in respect of Central Labour Act 1970 & Contract Labour Central Rule 1970, if applicable.
- (n) Copy of Professional Tax Registration Certificate.
- (o) Annexure J, K, L and other Annexure as applicable.
- (p) Complete Bank Details/ Cancelled Cheque.

Technical bid shall be opened on the date as mentioned in NIT. The financial bid of the tender shall be opened only for the tenders which qualify in the technical bid, on the date as mentioned in NIT.

2.3 Financial Bid:

Financial bid must be submitted online only at **www.esictenders.eproc.in**. The financial bid of the tenderers, whose technical bid is found to be suitable, will be opened in the presence of the tenderers, who desire to attend the opening of financial bid.

3. Duly filled offer document may be sent through registered post or may be delivered by hand in the tender box available in the office of Employees State Insurance Corporation at the following address :

Property Management Branch
1st floor
Regional Office
Employees State Insurance Corporation
Panchdeep Bhavan, Ashram road,
Ahmedabad -380014.

4. The site for the work can be seen on any working days during office hours by contacting Branch Officer, PMB, Employees' State Insurance Corporation, Panchdeep Bhavan, Ashram Road, Ahmedabad. The tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting the tenders, the form and nature of site, the means of access to the site. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.
5. Canvassing whether directly or indirectly, in connection with tenders strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
6. The work shall remain open for acceptance for a period of 90 days from the date of opening of tenders. If any tenderer withdraws his tender before the said period, or issue of letter of acceptance/Indent whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable by the ESIC and, shall be without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money.

7. Rights of Acceptance/ Rejection:

Regional Director, ESI Corporation, Gujarat reserves the right to reject all or any tender in whole, or in part, without assigning any reason thereof. The competent authority on behalf of ESIC does not bind himself to accept the lowest or any other tender, and reserves the right to reject any or all of the tenders without assigning any reasons thereof. All the tenders, in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer, shall be summarily rejected.

8. PERFORMANCE GUARANTEE:

- 8.1 The successful contractor will be required to furnish an irrevocable PERFORMANCE GUARANTEE of 5% (Five percentage) of the tendered amount in addition to other deposit mentioned elsewhere in the contract for his proper performance of the contract, (not withstanding and /or without prejudice to any other provisions in the contract) within 7 days of issue of letter of acceptance of tender.
- 8.2 The guarantee shall be in the form of demand draft/ bankers cheque or of Fixed Deposit Receipts pledged to Regional Director (ESI Fund A/c No. 1) or Irrevocable bank Guarantee Bonds of any scheduled bank or the State Bank of India in format as per Annexure-'I'. In case a fixed deposit receipt of any bank is furnished by the contractor to ESIC as a part of performance guarantee and the bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to ESIC to make good the deficit.
- 8.3 The performance Guarantee shall be initially valid for a period up to 180 days (one hundred eighty) beyond the Stipulated Contract Period. In case the Contract Period of work gets extended, the contractor shall get the validity of performance Guarantee extended, at his own cost; to cover such extended time for Contract Period.
- 8.4 EMD shall be returned after receiving of Performance Guarantee and Contract Agreement, to successful bidder.
9. Letter of acceptance of tender shall be issued in the first instance informing that the successful tender in the decision of the competent authority to accept his tender and commencement of work award letter shall be issued only after the performance Guarantee in the prescribed form is received, In case of failure of the contractor to furnish the performance Guarantee within the specified period , The ESIC shall without prejudice to any other right or remedy available in Law, be at liberty to forfeit the earnest money absolutely.
10. **SECURITY DEPOSIT:** The contractor shall permit ESIC at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 5% of gross amount of each running bill value of the work. Such deductions will be made and held by ESIC by way of Security Deposit. Security Deposit would be released after completion of defect liability period.
11. On acceptance of the tender, the name of the accredited representative (s) of the contractor, who would be responsible for taking instructions from the Engineer, shall be communicated in writing to the ESIC.

12. Central sales tax, Local Sales tax, VAT, Purchase tax, Turn over tax, Service tax, GST, ESI, EPF, Professional Tax and any other tax, duties etc. inclusive of all cess or any other tax, labour cess, all duties in respect of the contract, must be payable by the contractor, The ESIC, will not entertain any claim what so ever in respect of the same.
13. Rates quoted shall be deemed to have inclusive of cost of manpower, material, machinery, tools and plants, GST etc. & all taxes including GST,ESI, EPF, Professional Tax, duties and levies, cess, insurance etc complete. No escalation of whatsoever nature shall be payable.
14. The tenderers shall produce their valid enlistment with the appropriate authority for all types of taxes, GST, ESI, EPF, Professional Tax and any other cess, duty, contribution etc.
15. Rates quoted by the agency shall also be inclusive of 1% (one percent) cess on the work done as applicable on the building & other construction workers welfare act 1966 due to the introduction of “The building & other construction works (Regulation of Employment & Conditions of Services Act 1966)”.
16. **Award of work :**
 - i The selection of the agency will be at the sole discretion of the Employees State Insurance Corporation, who reserves the right to accept one or to reject any or all the tenders without assigning any reasons thereof.
 - ii The contract shall be awarded to the best qualified responsive tender.
 - iii Upon evaluation of offers, the written notification for award of contract will be intimated to the successful tenderer to start the work.

Regional Director,
Employees' State Insurance Corporation,
Ahmedabad.

Sign of Contractor :

Date :

Place:

SCOPE OF WORK**Details of Premises/buildings :**

Serial No.	Name and Address of Building	Nature of Facility
1	Special Repair works for CMS, GIRDHARNAGAR, AHMEDABAD.	Central Medical Store

Scope of Works/Services:

External and internal finishing, flooring, doors and windows, plumbing work and related necessary fitting, water proofing work, demolition work, External development work. Electrical wiring, Telephone and data points, Lan Cabling, Distribution Board and MCBs, Earthing system Lighting fixtures and fans etc.

GENERAL CONDITIONS OF CONTRACT

1 Definitions

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

- (i) **“Employer”** means the Employees' State Insurance Corporation and the legal successors in title to Employees' State Insurance Corporation.
- (ii) **“Engineer”** means the person appointed by Employees' State Insurance Corporation to act as an Engineer for the purpose of the Contract.
- (iii) **“Contractor”** 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 assignees. Changes in the constitution of the firm, if any, shall be immediately brought to the notice of the employer, in writing and approval shall be obtained for continue performance of the contract.
- (iv) **“Contract”** means the conditions, the Specifications, the Bill of Quantities, the Tender, the Letter of acceptance, the Contract Agreement (if completed) and such other documents as may be expressly incorporated in the Letter of Acceptance or Contract Agreement.(As per Annexure ‘H’)
- (v) **“Specification”** means the specification of the works included in the contract and any modification thereof. The items of works shall be executed in strict accordance of CPWD specifications.
- (vi) **“Drawings”** means all the completion drawings, calculations and technical information of a like nature provided by the Engineer to the Contractor under this contract and all drawings, calculations, samples, patterns, models, Repair/Repairs and Maintenance manuals and other technical information of a like nature submitted by the Contractor and approved by the Engineer.
- (vii) **“Bill of Quantities”** means the priced and completed bill of quantities forming part of the Tender.
- (viii) **“Tender”** means the Contractor's priced offer to the Employer for the execution and satisfactory completion of the works and the remedying of any defects therein in accordance with the provisions of the Contract, Specification as accepted by the Letter of Acceptance. The word Tender is synonymous with “Bid” and the words “Tender Documents” with “Bidding Documents”.
- (ix) **“Letter of Acceptance”** means the formal acceptance of the tender by Employees' State Insurance Corporation in writing.
- (x) **“Contract Agreement”** means the contract agreement (if any) referred to contract agreement as per Annexure ‘H’.
- (xi) **“Appendix to Tender”** means the appendix comprised in the form of Tender annexed to these Conditions.

- (xii) **“Commencement Date”** means the date on which the Contractor received the notice to start the works.
- (xiii) **“Time for Completion”** means the time period for which the contract has been allowed to be completed by the employer to the contractor.
- (xiv) **“Taking Over Certificate”** means a certificate issued by employer evidencing successful and satisfaction completion of the awarded work as per contract agreement.
- (xv) **“Contract Price”** means the sum stated in the Letter of Acceptance as payable to the Contractor for the execution and completion of the Works and the removing of any defects therein in accordance with the provisions of the Contract.
- (xvi) **“Extra Item Price”** Any items of works required to be executed in the interest of ESIC but this item not available in the contract agreement shall have to be executed by the contractor as an extra item without any objection. The proposed extra item if available in DSR’2016, the rates will be calculated on the basis of DSR’ 2016 rates plus applicable Cost Index. Otherwise rates of this item will be analyzed on the basis of prevailing market rates plus 15% contractors profit and over heads and the same has to be accepted by contractor without any objection.
- (xvii) **“Retention Money”** means the aggregate of amount retained by the Employer as Security Deposit.
- (xviii) **“Works”** means the Permanent Works and the Temporary Works or either of them to be executed in accordance under the contract and contract specifications.
- (xix) **“Site”** means the places provided by the Employer to the Contractor.
- (xx) **“Cost”** means all expenditure properly incurred or to be incurred, whether on or off the Site, including over head and other charges but does not include any allowance for profit.

2. Engineer’s Duties and Authority

- a) The Engineer shall carry out the duties specified in the Contract.

3. Custody and Supply of Drawings and Documents

The Drawings shall remain in the sole custody of the Employer/Engineer, but copies as required thereof shall be provided to the Contractor for free solely for the purpose of this contract.

4. Sufficiency of Tender

The Contractor shall be deemed to have based his Tender on the data made available by the Employer and on his own inspection and examination of this site conditions. The acceptance of tender is deemed to have visited the site and made themselves conversant with the type of works incorporated in this tender.

5. Contractor's Employees

The Contractor shall provide qualified and experienced technical staff on site of work in connection with the Works and for remedy of any defects therein.

6. Engineer at Liberty to Object

The Engineer shall be at liberty to object, 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 immediately.

7. Safety, Security and Protection of the Environment

The Contractor shall, throughout the execution and till 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 of doing work activities under the contract.
- (iv)** All safety rules prescribed by the Government shall be strictly observed to execute the work and safety of manpower deployed.

8. (A) Insurance of work by the Contractor for his liability:

- (i)** During the execution of the work any loss or damage to the property and life of his employee arising from a cause for which contractor is responsible.

(ii) For loss or damage occasioned by the Contractor in the Course of any work carried out by him for the purpose of complying with his obligations.

(iii) It shall be the responsibility of contractor to notify the Insurance Company of any charge 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.

(B) 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 Special Repair 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 under Compensation – Act 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.

10.1 Evidence and Terms of Insurance

The contractor shall take out appropriate insurance to cover his work and workers and staff employed by him fully. The contractor shall provide evidence to the Engineer/Employer as soon as practicable after the respective insurance have been taken out but in any case prior to the start of work at the Site that insurance required under the Contract have been effected.

10.2 Compliance with Statutes and 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 contractor in Compliance

In case of default on the part of 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 payments due, or to become due, to the Contractor and the Engineer shall notify the Contractor accordingly.

12. Time for Completion

The time limit of work shall be as mentioned in the letter of commencement and shall start from the date of issue of letter or as decided by Regional Director.

13. Extension of Time for Completion

The extension of the period can only be granted on the valid and unavoidable grounds by the competent authority if he satisfies himself on the ground mentioned.

14. Termination of Contract:

The employer reserves it's right to terminate the contract/works by giving 30 days notice at any time during currency of the contract if the services of the agency are not found satisfactory as per the opinion of employer or his representative for which no claim or compensation shall be entertained by the Employer.

15. Defect Identification and its rectifications

Agency shall immediately attend the defects after getting intimation at site. Defect Liability period shall be Twelve months from the date of completion of work under Bill of Quantities for measurable works. The contractor shall rectify at his own expenses, any defect in the work carried out by him during this 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.

16. Compensation for Delay

If the Contractor fails to complete the work in time then the employer can impose liquidated damages on the contractor @ 1% per day maximum of 10 % of estimated cost.

17. Contractor's Failure to Carry out 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 payment due or to become due to the Contractor.

18. Instruction for Variations

Quantities given in the Bill of Quantity may increase or decrease from the provision of contract quantity being estimated quantities. The quantity of any particular item may vary to any extent. Variation in quantity in particular items or overall cost, does not entitle contractor to claim for any extra rate then tendered.

19. Method of Measurement

The works shall be measured net, notwithstanding any general or local custom, except where otherwise provided in the Contract. The method of measurements shall be followed as per the CPWD Norms / Specifications.

20. CERTIFICATES AND PAYMENTS

The contractor shall submit a bill in three copies by 7th of every month for the work executed up to the date of previous month in the tabulated form approved by the Engineer. The bill must be supported with the following documents.

- a) Measurement of all the works executed.
- b) Abstract of the bill.
- c) Test Reports.
- d) Users Certificate in final bill.

21.1 Deduction of Income tax,

The amount to be deducted towards the income tax shall be at the rate applicable.

21.2 Labour welfare cess @ 1.0 (One) percentage on the work done shall be deducted from the each bill.

22. Performance Guarantee:

Within seven days of issue of letter of intent of work/ acceptance of tender, the Contractor shall submit a Performance Guarantee for proper performance of the Contract in the form as specified in the contract. The Performance guarantee shall be initially valid for the duration of the contract period plus 60 days.

The performance security can be en-cashed 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.

23. Correction of Certificates:

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

24. Final Certificates:

Within 28 days after receipt of the Final Statement, 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 Contractor, 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.

25. Default of Contractor:

If the performance of the contract 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.

26. Amicable Settlement of Dispute:

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

27. 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 of 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 Arbitrator appointed by the Chief Engineer, Employees' State Insurance Corporation, who shall proceed as per the Arbitration Act, 1996.

28.1 The Work under the contract shall continue, during the Arbitration proceedings.

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

29. 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.

Regional Director,
Employees' State Insurance Corporation,
GRO, Ahmedabad.

Sign of Contractor :

Date :

Place:

Particular Conditions of Contract

- CPWD specifications shall be followed. Where not available, BIS/Engineering practice as directed by the Engineer shall be followed. The materials shall be got approved prior to its use for work from the Engineer I/C of the ESIC.
- Formats of Performance Guarantee and Contract Agreement are at Annexure I and Annexure H respectively.
- As the work will have to be carried out in building and area in use the contractor shall ensure
 - a. All design/drawing work/s involved in this tender is/are in the scope of Contractor, which is/are to be submitted by them to ESIC with the vetting/certification of Government Engineering College/NIT/ IIT before execution of respective and allied work/s.
 - b. That the normal functioning of Employees' State Insurance Corporation activity is not effected as far as possible.
 - c. That the work is carried out in an orderly manner without noise and obstruction to flow of traffic.
 - d. That all rubbish etc. is disposed off at the earliest and the place is left clean and orderly at the end of a each day's work.
 - e. The work should be carried out by the qualified worker for their part of work. He shall be responsible for their conduct. The staff should behave in a courteous manner. The contractor shall be held responsible for any loss or damage to Employees' State Insurance Corporation property.
 - f. The contractor shall ensure safety of his workers and others at site of work and shall be responsible for any consequence arising out of execution of the Special Repair work.
 - g. When instructed to do so, the contractor shall ensure proper record keeping and storing of irreparable/dismantled material.
 - h. The contractor has to make his own arrangement for use of the same including extending temporarily lines etc. The responsibility for following relevant rules, regulations and loss in the regard shall be entirely that of the contractor.
 - i. The contractor shall take proper care during dismantling operations to ensure that there is no danger/damage to any adjoining/existing structures and in case of any damage the contractor shall re-do the work/do the necessary repairs as per direction of the Engineer-in-Charge for which no claim would be entertained by the department.

- j. For any Extra items/substituted items/deviations in quantities of BOQ items, Contractor has to intimate to ESIC and obtained prior approval from Competent Technical Authority before work execution.
- k. The work shall be carried out in manner complying in all respects with the requirement of relevant byelaws of the local Municipal Corporation of the local body whatsoever.
- l. The contractor shall put necessary boards on display forbidding the residents/public from approaching the building under repair to avoid any accident.
- m. The contractor shall take all precautions to avoid all accidents by exhibiting necessary caution-boards. They shall be responsible for all damages and accidents caused due to negligence on their part.
- n. All incidental charges of any kind including cartage, storage cutting and wastage and safe custody of materials etc. (not covered under any other condition) shall be borne exclusively by the contractor and nothing extra shall be payable to them on this account.
- o. All warning boards and displays, such as REPAIR WORK IN PROGRESS, KEEP AWAY FROM BUILDING, NO PARKING etc. along with sufficient supervisory staff on ground shall be provided by the contractor, wherever required. Nothing extra shall be payable on this account.
- p. Water and electricity shall be arranged by the contractor at his own cost. Nothing extra shall be payable on this account.
- q. The site of work shall be always kept neat and clean due to constraints of working space in and around buildings. To avoid nuisance to the occupants, all building rubbish unserviceable materials shall be periodically removed from the premises to the approved municipal grounds and all necessary permissions in this regard have to be obtained by the contractor from the Municipal Authorities. Nothing extra shall be payable on this account.
- r. Since the work is to be carried out in the occupied buildings, proper sequencing as regards dismantling of sanitary pipes, GI pipes, toilets etc. shall be done so as to cause minimum in convenience to the occupants besides taking care of the constraint of keeping the system functional during repairs by making temporary arrangements, as required. Nothing extra shall be payable on this account.
- s. The area of dismantling / guiniting / replastering / repairing as per relevant items etc. given in the tender may have to be got done in patches, at different heights / levels also for which nothing extra shall be payable.
- t. Lifting of materials such as cement, sand, wooden planks etc. through the building lifts is prohibited. No mixing or off loading etc. of mortar / cement concrete etc. over the open terrace / flooring shall be permitted. Arrangements as deemed it shall be made by the contractor for mixing/ lifting/off loading all materials etc. at no extra cost.

Additional Terms and Conditions for Civil & Electrical Works

A) Civil Works:-

GUARANTEE FOR WATER PROOFING TREATMENT

Five years guarantee in prescribed proforma attached must be give by the contractor for the water proofing treatment. In addition 10 (ten percent) of the cost of these items would be retained as guarantee to watch the performance of the work executed. However, half of this amount (withheld) would be released after two monsoon season after the completion of the work if the performance of the water proofing work done is satisfactory. If any defect is noticed during the guarantee period it should be rectified by the contractor within seven days and, if not attended to, the same shall be got done by other agency at the risk and cost of the contractor. In any case the guaranteeing firms during the guarantee period should inspect and examine the treatment once in every year and make good any defect observed. However, the security deposit can be released in full, if a call receipt of a Bank Guarantee from scheduled Bank/Fixed Deposit receipt of Scheduled Bank/Demand Draft of scheduled Bank issued / drawn in favor of ESI FUND ACCOUNT No.1, payable at Ahmedabad for 5 (Five) year is produced and deposited with the department.

PRODUCT DELIVERY STORAGE AND HANDLING :-

- a. The contractor shall construct storage space for chemicals and other materials to ensure that the storage conditions are as recommended by the manufactures.
- b. All the materials shall be procured and delivered in sealed containers with labels equable and intact.
- c. All the chemicals (polymers, rusticides, epoxy water proofing compound etc) shall be procured in convenient packs, say 20 litres (Kgs.) capacity packing only or as approved by the Engineer-in-Charge, and not in bigger capacity containers, say 200 liter (Kgs.) drums.
- d. All required material shall be got approved, procured and deposited with the departmental supervisory staff. The material will kept in joint custody of the contractor and the department. The watch and ward of such material shall however, remain to be the responsibility of the contractor and no claim, whatsoever, on this account shall be entertained. Different containers of each chemical shall be serially numbered on packing and also consumed in that order. Day to day account of receipt, issue and balance will be regulated by the department and proper account shall be maintained at site of work in the prescribed from as per standard practice.

- e. All the chemicals shall be procured by the contractor directly from the manufacturer or their authorized dealers and copies of challans / cash memos towards the quantity of various chemicals procured shall be made available by the contractor to the department and the same shall be kept in record. The name of manufacturers, manufacturer's product identification, manufacturer's mixing instructions, warning for handling and toxicity and date of manufacturing and shelf life shall be clearly and legibly mentioned on the labels of the each container.
- f. The contractor shall submit for the chemicals procured, manufacturer's and /or authorized dealer's certificate regarding supplying and verifying conformance to the material specification, as specified.
- g. All filled containers shall be handled in safe manner and in a way to avoid breaking container seals.
- h. Empty containers of the chemicals should not be removed from site till the completion of work and shall be removed only with the written approval of the Engineer-in-Charge.
- i. All arrangement for measuring, dosing and mixing of material / chemicals at site has to be made by the contractor. Nothing extra shall be payable on this account.
- j. Contractor shall suitably advise his site Engineer and all the workers as regard safe handling of chemicals. Necessary protective and safety equipments in form of hand gloves, goggles etc. shall be provided by the contractor at no extra cost and also used at site.
- k. All incidental charges of any kind including cartage, storage and wastage and safe custody of material etc. shall be borne by the contractor and no claim, whatsoever, shall entertained on this account.

B) Electrical Works:-

1. The work shall be carried out as per CPWD General specifications for electrical works part-I (Int.) 20 13, Part- II (Ext.) 1995 as amended up to date relevant IS codes & Indian electricity rules amended up to date wherever applicable and to the entire satisfaction of the Engineer - in-charge.
2. The contractor must study carefully all the specifications/schedule of work/additional terms & condition for electrical work and quote rates after accounting all works. No extra claim on any account shall be paid/ entertained other than the agreement/quoted rates.
3. The firm shall use only chase cutting machine for cutting the chases in the wall for recessed conduit wiring.
4. Any damage caused to the building during the execution of work shall be the responsibility of the Electrical contractor. The damage so caused shall have to be made good to the entire satisfaction of the Engineer-in-charge. The decision of the Engineer-in- charge shall be final and binding.
5. All the material to be used in the work shall be new and must be got approved from the Engineer-In-Charge before use in the work.
6. Bad workmanship in the opinion of Engineer-in-charge shall not be accepted and shall be rectified by the contractor at his cost to the entire satisfaction of Engineer-in-charge.
7. Dismantled material shall be returned to the department at ESI's store otherwise recovery for the same shall be made at current market rates.
8. All hardware items such as screws, thimbles, connectors, earth/neutral terminals, wires etc., which are essentially required for completing any item of work as per specifications will be deemed to have been included in the item even when the same have not been specifically mentioned.
9. Wherever it is not possible to provide rigid conduits, flexible metallic pipe with couplers clutches on both ends shall be provided for drawing/running the wires. However, such arrangement has to be kept to the barest minimum and only with the prior approval of Engineer-in-charge. The structure is double height hence nothing extra will be paid on A/c of dismantling and execution of work.
10. All T&P including ladders, wire drawing equipment, electrical chase cutting equipment, drill machine, meggar, 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.
11. The staff engaged by the contractor shall possess valid electrical license should be well behaved, polite and courteous. Any complaint against staff on behavior shall be taken very seriously and such staff should be removed by the contractor immediately from the site and arrange replacement for the same failing which the Engineer-in-charge has the power to cancel the contract and the contractor shall have no claim of loss / compensation for this.

12. Safety of the staff deployed will be the responsibility of the contractor who must ensure the safety of the staff adequately, as per CPWD safety rules. Govt. /CPWD will 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.
13. Labour welfare cess at @1% and other statutory deductions will be deducted from the bills payable to the firm in addition to income tax.
14. All the debris generated are to be cleared on daily basis and coordination/ cooperation is to be made with other agencies.
15. Nothing extra shall be paid on a/c of cartage etc to the contractor.
16. The department shall be at liberty to discontinue / terminate the contract any time if the performance is not found satisfactory or otherwise also without assigning any reason. The decision of Engineer-in-charge regarding above shall be binding on contract. No compensation shall be paid due to premature closure / termination of contract.
17. The firm shall have to obtain necessary Security Passes/Entry Passes by doing all necessary formalities before start of work. The department will only assist for the same.
18. Any delay on account of obtaining passes shall not be entertained on account of extension of time for the work.
19. Department will not provide the store to the agency and watch and ward of materials will be responsibility of contractor till completion/ handing over of the site to the client department.
20. Labour laws will be applicable as per GCC-2014 clause –19.
21. The colour temperature of fittings shall be decided by Electrical Engineer after consultation with the respective Incharge/s of the Premises. Before procurement same shall be confirmed.
22. The LED fixtures/ Cassette type AC shall be under warranty for 2years

LIST OF PREFERED MAKE

No.	Materials	Approved Brands
1.	Cement (Grey)	Ambuja, Birla, ACC, Ultra Tech., Binani , J. P. Rewa, Vikram, Shri Cement, Birla J & K & cement Corporation of India.
2.	Steel	SAIL/ TISCO/Jindal Steel/ RINL or other primary producer of steel as approved by Ministry of Steel .
3.	Floor Tiles (Mosaic) ISI marked	Shyam Tiles, Super Tiles, Hind Mosaic, Vyaara Tiles
4.	Floor Tiles (Chequered) (ISI marked only)	Shyam Tiles, Super Tiles, Hind Mosaic, Vyaara Tiles
5.	C.P. Brass Bib Cock, Pillar Cock, Stop Cock etc. (ISI marked only)	Jaguar, Marc, Hindware, Parryware
6.	C.P. Brass Shower Rose 125 mm dia	Jaguar, Marc, kohler, grohe.
7.	C.P. Brass Towel rail	Jaguar, Marc, Hindware, Parryware, kohler, grohe.
8.	C.P. Brass Flush Valve (ISI Marked)	Jaguar Marc ,Hindware, Parryware kohler, grohe.
9.	C.P. Brass Waste Coupling	Jaguar, Marc, kohler, grohe.
10	Urinal Stalls (ISI Marked only)	Hindware, Neycer, Parryware, Cera
11	Squatting Pan (ISI Marked only)	Hindware, Neycer, Parryware, Cera
12	P.V.C. Flush Tank (ISI Marked only)	Hindware, Neycer, Parryware, Cera
13	Wash Basin (ISI Marked only)	Hindware, Neycer, Parryware, Cera
14	Water Closets (ISI Marked only)	Hindware, Neycer, Parryware, Cera
15	Kitchen Sink (Fire Clay) (ISI Marked only) (IS771)	Sunfire, Padmani, R.K.C.P, prayag, jayna, neelkanth

16	Kitchen Sink (Stainless Steel)(ISI Marked only)	Nirali, Blue Star,prayag,jayna,neelkanth
17	G.I. Pipes (ISI Marked only)	Asian, Tata, Jindal
18	PVC Tanks (ISI Marked only)	Sintex, Electroplasto, Plastoor Equivalent
19	C.I. Pipes (ISI Marked only)(IS:1536)	Truform Engineers, Neco,Kapilansh
20	D.I. Pipes	Electro Steel Castings Limited, Kapilansh
21	Flush Door Shutters (ISI Marked only)	Kutty, Kenwood,Swastik, Duro, Kitply, Century.
22	Aluminium Door Fittings (ISI Marked only)	Classic, Prestige, Shalimar or Equivalent
23	Oxidised M.S. door Fittings (ISI Marked only)	Ashish or equivalent
24	Black Enamelled M.S. Hinges (ISI Marked only)	Ashish or equivalent
25	Steel Door / Window Frames	AGEW, SenHarvik , Shiv Mular, Steel Plast
26	Mortice Lock (ISI Marked only)	Godrej, Harrison, Dorset
27	Steel Sectional Windows/ Ventilators	AGEW, SenHarvik , Shiv Mular, Steel Plast
28	Particle Board/ Plywood (ISI Marked only)	Kitboard, Anchor, Archid, Duro,National
29	Aluminium Extruded Body Diecast Door Closures (ISI Marked only) (IS :3564)	Hardywyn, Everite , or Equivalent
30	Stone Ware Pipes Grade-A (ISI Marked only)	Sonya, Supertech, Cherry
31	Centrifugally Cast Soil Pipes (ISI Marked only)	NECO, BIC, Kapilansh or Equivalent
32	C.I. Rain Water pipes (ISI Marked only)	NECO, BIC, Kapilansh or Equivalent
33	UPVC Rain Water Pipes (ISI Marked only)(IS :13592)	Astron Fittings (14375), Finolex Supreme, Prince
34	Steel Tubes for structural purposes (ISI Marked only) (IS: 1161)	TATA ,jindal,surya or equivalent
35	Manhole Covers (ISI Marked only)(IS:1726)	Neco,Kapilansh or equivalent
36	Water Proofing Compound (ISI Marked only)	Fosroc, Pidilite, Sapseal,STP

37	Ceramic Floor Tiles	Kajaria, Somany, Orient-BellJhonson
38	Ceramic Wall Tiles	Kajaria, Somany, Orient-Bell,Jhonson
39	Putty (ISI Marked only) (IS:419)	J K , Birla Shalimar or equivalent
40	Anodized Aluminium Section (ISI Marked only)	Jindal, Indalco, Hindalco
41	Factory made concrete blocks	Sabar, Ved PMC ,JK,Eco green
42	White cement (ISI Marked only)	Birla White, J.K. White or equivalent
43	Glass sheet (Float / Plain) (ISI Marked only)	Modi Float, Saint Gobin, Asahi
44	PTMT Ball Cock (ISI Marked only)	Prayag ,jaquar,kohler,grohe or Equivalent
45	PTMT Accessories (ISI Marked only)	Prayag , jaquar,kohler,grohe or Equivalent
46	G.I. Fittings	R. Brand, DRP,Zolto,ICs,unik
47	Clamps for pipes	Chilly or Equivalent
48	Gate Valves (ISI Marked)	Zoloto , Leader,Sant
49	CPVC Pipes	Astral, Supreme, Kissan
50	External Premium Acrylic Paint	Apex Ultima of Asian Paints, Dulux Weather Shield max of ICI Dulux
51	External Smooth Acrylic Paint	Apex of Asian Paints, Weather Shield of ICI Dulux
52	Acrylic Plaster	NITCO, Asian Paints
53	Interlocking Paver Blocks	Super, Duracrete, NITCO, Vyyara
54	Vitrified floor tiles	Kajaria, Somany, Orient-Bell, RAK.
55	Oil Bound Washable Distemper / Acrylic distemper	Asian paint / Berger/ Dulux/Nerolac
56	Cement Primer	Asian paint / Berger/ Dulux /Nerolac
57	Red Oxide Zinc Chromate primer	Asian paint / Berger/ Dulux /Nerolac
58	Plastic Emulsion Paint	Asian paint / Berger/ Dulux /Nerolac

59	Synthetic Enamel Paint	Asian paint / Berger/ Dulux /Nerolac
60	Pigment	Asian paint / Berger/ Dulux/ Nerolac
61	Plaster of Paris	Birla, JK or equivalent
62	Epoxy Paint	Asian Paint, Berger, Dulux/ Nerolac
63	Plastic Seat with lid	Parryware, Hindware, Seabird, Orient (Coral)
64	PVC Shutters & Frame	Rajashree,Plastiwood
65	PVC Rigid Pipes	Duke, Supreme, Prince,
66	RMC Plant	L & T, RMC, ACC,Ultratech, Godrej.
67	APP Sheet for water proofing treatment	Asian paint,Shalimar S.T.P.
68	Acrylic Polymer	Anuvi Chemical, SunandaSpe. Coating Pvt. Ltd, SKG Constn. Chemical Pvt. Ltd
69	Rusticide	Anuvi Chemical, SunandaSpe. Coating Pvt. Ltd, SKG Constn. Chemical Pvt. Ltd
70	Passivator	Anuvi Chemical, SunandaSpe. Coating Pvt. Ltd, SKG Constn. Chemical Pvt. Ltd
71	Water Proofing Compound	Fosrock, CICO, Pidillite, BASF, Laticrete, Ardex, Endira.

LIST OF REFERED BRAND / MAKE OF MATERAILS FOR ELECTRICAL WORKS		
SR. NO.	MATERAILS	MAKE /BRAND
1	RIGID FR PVC CONDUIT PIPE	NIHIR, PRECESION, POLYCAB
2	ACCESSORIES OF CONDUIT (I.E. BEND, TEE COUPLER,ELBOW ETC.)	SAME MAKE OF PIPE
3	COPPER WIRE /CONDUCTOR	FINOLEX, POLYCAB, RR CABLE, HAVELLS, AVOCAB, ANCHOR
4	MODULAR TYPE SWITCH/SOCKET,PLUG ETC.	MK , LEGRAND, ANCHOR, HAVELLS
5	MCB / ELCB/ RCCB/ MCBDP/TP	LEGRAND, ABB, HAGER, SCHEINDLER L&T, SIMENS
6	MCCB / ACB	ABB, SCHEINDER, SIMENS, L&T
7	LIGHTING FIXTURES & LAMPS	PHILIPS, CROMPTON, WIPRO, HAVELLS
8	CEILING FANS & EXHAUST FAN	CROMPTON, ORIENT, HAVELLS, BAJAJ, USHA
9	GEYSER	RECOLD, HAVELLS, BAJAJ, USHA, AO SMITH
10	PVC TAPE	STEEL GRIP, ANCHOR , JONSON
11	CALL BELL	ANCHOR, ORPAT, MAX
12	DISTRIBUTION BOARD	INDOCAPP, HAVELLS, SIMENS,L&T
13	STREET LIGHT FIXTURES AND LAMPS	PHILIPS, CROMPTON, HAVELLS, BAJAJ, SYSKA
14	CFL LAMPS/ LED LAMPS	PHILIPS, CROMPTON, HAVELLS, BAJAJ, SYSKA
15	TELEPHONE WIRE	RRCABLE, FINOLEX, DELTON, POLYCAB
16	LAN WIRE	TYCO ELE.(AMP), SCHEINDER, R&M, SYSTIMAX
17	TELEPHONE TAG BOX	KRONE OR EQUIVELENT BRAND
18	TELEPHONE/ TV SOCKET	ISI MARKED ONLY
19	MAIN LT CABLE	FINOLEX, POLYCAB, RR CABLE, HAVELLS, TORRENT, AVOCAB
20	CABLE LUGS	DOWELLS, JOHNSON, HEX
21	CABKLE GRANDS	DOWELLS, SIMENS, CROMPTON, HEX
22	CONNECTORS	L&T, SCHINDER, SIMENS, ABB
23	CABLE JOINTING KIT	RAYCHEM, DENSON, M-SEAL
24	WINDOW/ SPLIT TYPE A.C. MACHINE	HITACHI, DAIKIN, TOSHIBA, BLUESTAR, CARRIER

25	WATER COOLER	VOLTAS, USHA, BLUESTAR
26	MOTOR PUMP SET	CROMPTON, KIRLOSKAR, KSB
27	MS CONDUIT	BEC, AKG, STEELCRAFT, NIC, RMCON
28	CABLE TRAY	INDIANA, RUSHABH , PROFAB, AKB
29	IRON CLAD SWITCH WITH REWIREABLE FUSE /SFU	KEW, TRISHUL, SUPER, C&S
30	METALCLAD SWITCH WITH REWIREABLE FUSE /SFU	HAVELLS, KEW, C&S, INDOASIAN
31	PROTECTION RELAY	L&T, SIEMENS, ABB, CULTER HAMMER
32	ANALOG / DIGITAL METER /LOAD MANAGER	L&T, SCHIENDER, ABB, HPL
33	TRANSFORMER	KIRLOSKAR, VOLTAMP, ABB, T&R, CROMPTON
34	HT VCB	SIEMENS, ABB, L&T, CROMPTON
35	HT CABLE	HAVELLS, FINOLEX, POLYCAB, TORRENT, AVOCAB
36	PUSH BUTTON	SIEMENS, ABB, L&T, SCHNEIDER
37	INDICATING LED LAMP	SIEMENS, ABB, L&T, WIPRO
38	PUSH BUTTEN	SIEMENS, ABB, L&T, SCHNEIDER
39	TIMERS	L&T, SIEMENS, ABB, CULTER HAMMER
40	SELECTOR SWITCH	L&T, HPL, CUMMINS, HAVELLS
41	CTS & PTS	KAPPA, L&T, AREVA, MAXWELL
42	SCREW	RK, ACTION OR EQUAIVELENT

TESTING OF MATERIALS

The contractor shall procure all the materials in advance so that there is sufficient time for testing and approving of the material and clearance of the same before use in the work.

The contractor's rates for the items involving the use of materials shall be deemed to cover the cost of samples, the cost of packaging, sealing, transportation, loading, unloading etc. shall be borne by the contractor, Testing charges shall be borne by the Department only when the samples satisfy the provisions specified & conform to the requirements of the relevant specifications. If the results show that the samples do not satisfy the relevant specifications, the testing charges shall be borne by the contractor.

In case of concrete and reinforced concrete work, the contractor shall be required to make arrangement for carrying out comprehensive strength tests at his own cost. He shall render all assistance for the preparation of cubes, safe custody of the same, proper curing and carriage up to the laboratory where the test is to be performed : the cubes tests can be performed at any laboratory approved by the Engineer – in – charge.

Testing of materials should be got done through the following Testing laboratories.

1. All Government Institutes having testing Laboratory facility.
2. Indian Institute of Technology.
3. National Institutes of Technology.
4. Central Government / State Government Research Centers.
5. Centrally or State Government funded Laboratories stands approved.
6. Laboratory as approved by the competent authority.
7. National Council for Cement and Building Materials.

Sign of Contractor :

Date :

Place:

Regional Director
Employees' State Insurance Corporation,
GRO, Ahmedabad.

Annexure - H

CONTRACT AGREEMENT

This CONTRACT (hereinafter called the "Contract") is made on the day of the month of 201 - between Regional Director, Regional Office, Employees' State Insurance Corporation, Panchdeep Bhavan, _____ on the one hand (hereinafter called the Client) and on the other hand(hereinafter called the Contractor).

WHEREAS

The Client has accepted the offer of _____ under Employees' State Insurance Corporation, Regional Office, Ahmedabad.

AND WHEREAS The Contractor, having represented to the client that they have the required professional skills, personnel and technical resources, have agreed to provide the services and execute the works on the terms and conditions set forth in this Contract Agreement.

Now therefore the parties here to/ hereby agree as follows :

1.0 The following documents attached hereto shall be deemed to form an integral part of this contract:

1	Notice Inviting Tender	Annexure 'A'
2	Eligibility Condition	Annexure 'C'
3	Instruction to the bidders	Annexure 'D'
4	Scope of work	Annexure 'E'
5	General Conditions of Contract	Annexure 'F'
6	Particular Conditions of Contract	Annexure 'G'
7	Format of Contract Agreement	Annexure 'H'
8	Additional Terms & Conditions for Civil & Electrical works	Annexure-P
9	Financial Bid	

2.0 The mutual rights and obligations of the Employer and the Contractor shall be as set forth in the contract in particular:

a) The Contractor shall carry out the services in accordance with the provisions of the contract and,

b) The Client shall make payments to the contractor in accordance with the provisions of the 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.

Signature of Contractor

Dated at _____

Regional Director,
Employees' State Insurance Corporation,

FORM OF PERFORMANCE SECURITY BANK GUARANTEE BOND

In consideration of the Employees' State Insurance Corporation having agreed under the terms and conditions of the Agreement no. dated made between Employees' State Insurance Corporation and Second Party (here in called the said Construction Agency for the work hereinafter called the said agreement) to production of irrevocable bank guarantee for Rs. (Rs. only) as a Security/Guarantee from the Construction Agency for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We(hereinafter referred as to "The Bank" hereby) (indicate the name of the bank) Undertake to pay to the Employees' State Insurance Corporation an amount not exceeding Rs.(Rs. only IN WORDS) on demand by the Employees' State Insurance Corporation.

2. We do hereby undertake to pay the amounts due and payable under this Guarantee without any demure, merely on a demand from the Employees' State Insurance Corporation stating that the amount claimed is required to meet the recoveries due or likely to be due from the Second Party. Any such demand made on the Bank shall be conclusive as regards the amount due and the payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rs. only IN WORDS)

3. We, the said bank further undertake to pay to the Employees' State Insurance Corporation any money that is demanded notwithstanding any dispute or disputes raised by the Second Party in any suit or proceeding pending before any court or Tribunal relating thereto, a liability under this present being absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge of a liability for payment there under and the Second Party shall have no claim against us making such payment.

4. We further agree that the guarantee herein contained shall remain in full force and effect during the period that would taken for the performance of the said agreement and that it shall continue to enforceable till all the dues of the Employees' State Insurance Corporation under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or Engineer-in-charge on behalf of the Employees' State Insurance Corporation certified that the terms and conditions of the said agreement have been

fully and properly carried out by the said Second Party and accordingly discharges this guarantee.

5 We(indicate the name of Bank) further agree with the Employees' State Insurance Corporation that, the Employees' State Insurance Corporation shall have the fullest liberty without our consent and without effecting 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 Employees' State Insurance Corporation against the said Second Party and to bear 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 or for any forbearance, act of omission on the part of the Employees' State Insurance Corporation or any indulgence by the Employees' State Insurance Corporation to the said contracts 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 of the contractor,

7. We lastly undertake not to revoke this guarantee except with the previous consent of the Employees' State Insurance Corporation in writing.

8. This guarantee shall be valid up to Unless extended on demand by Employees' State Insurance Corporation. Notwithstanding anytime mentioned above, our liability against this guarantee is restricted to Rs.(Rs. only) and unless a claim in writing is lodged with us within six months of the date of expiry of the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated the Day of

For(indicate the name of Bank)

TECHNICAL BID PERFORMA**1. GENERAL INFORMATION**

NAME OF THE AGENCY/ FIRM ALONG WITH ADDRESS AND TELEPHONE / MOBILE NO AND E-MAIL ADDRESS (Registered office/ Branch Office in Gujarat)	
NAME OF OWNER/ ALL PARTNERS/ ALL DIRECTORS	
TYPE OF FORMATION (Proprietorship/ Partnership / Pvt. Ltd/Ltd.)	
BANK ACCOUNT NUMBER WITH BANK NAME AND ADDRESS	

2. STATUTORY AND OTHER REQUIREMENTS:

Particulars	<u>Registration Number</u>	<u>Copy Enclosed (Yes/No)</u>
Copy of Certificate of Incorporation/ Shop & Establishment Registration of firm Certificate/ Memorandum and article of Association/ Partnership Deed/ Proprietorship Deed/ Declaration of proprietorship etc. as the case may be. Also Tenderer to provide details for having the Registered / Branch office in Gujarat.		
License/ Registration details as Civil and Electrical contractor with C.P.W.D.s/ State P.W.D.s./M.E.S./		

Railways/ BSNL Civil and Electrical wing or any other government body (along with year of registration)		
ESI Registration		
EPF Registration		
GST Registration		
PAN No. under Income Tax		
Professional Tax Registration		
Labour (Central) Registration Certificate, if applicable		

3. DETAILS OF COMPLETED WORK AS PER SL. NO. 4 OF ANNEXURE - C :

Name of Government Body	Details of the Completed Works of Similar Nature	Cost of the Completed Works	Copy of Certificate issued by Govt. Body Enclosed (Yes/No)

4. DETAILS OF BALANCE SHEET/ P&L ACCOUNT DURING LAST THREE FINANCIAL YEAR :

Financial Year	Copy Enclosed (Yes/No)	Income (Rs.)	Expenditure (Rs.)	Net Profit/ Loss (Rs.)
2014-15				
2015-16				
2016-17				

5. Copies of Income Tax Return for Financial year 2014-15, 2015-16 and 2016-2017 :

Financial Year	Income Tax Return Enclosed (Yes/No)
2014-15	
2015-16	
2016-17	

Sign of Contractor:

Date :

Place:

EXPERIENCE OF COMPANY

Experience of similar nature of completed work as per eligibility condition.

1	<i>Project title & Location :</i>	
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	

NOTE :-

Supporting authenticated documents, like completion certificates from the client in support of each of the above works/project to be furnished in original when asked for.

Sign of Contractor :

Date :

Place:

UNDERTAKING

1. I, the undersigned certify that I have gone through the terms and conditions mentioned in the tender document and undertake to comply with them.
2. The rates quoted by me are valid and binding upon me for the entire period of contract.
3. The earnest money of Rs. _____ to be deposited by me has been enclosed herewith vide demand Draft/ Banker Cheque no. _____ dated: _____ drawn on Bank _____ Branch _____.
4. I hereby undertake to provide the service as per directions given in the tender document order within stipulated period.
5. I/We give the rights to Regional Director to forfeit the earnest money deposited by me/us if any delay occur on my/agent's part of failed to provide the service within the scheduled time or service of desired quality.
6. I/We hereby certify that I/We have not been indicted for any criminal, fraudulent or anti-competition activity and have not been blacklisted by any Govt. departments or otherwise.
7. I/We hereby certify that the firm poses all the required license/ certification to perform the work.

Sign of Contractor: _____

Full Name: _____

Designation: _____

Date : _____

Place: _____.

FORM -H

CONSENT LETTER FROM ELIGIBLE ASSOCIATE AGENCY OF MINOR COMPONENT OF WORK

Name of work: - SPECIAL REPAIR WORKS FOR CMS, GIRDHARNAGAR, AHMEDABAD.

1. I / We hereby give my consent to associate with M/s, for executing the minor component of work of (Mention category).
2. I / We will execute the work as per specifications and conditions of the agreement and as per directions of the Engineer –in-Charge for the corresponding minor work till the completion of the work.
3. I / We will be responsible for necessary action to handover the installations and for rectification of defects and repair during the maintenance / warranty period.
4. Also I / We will employ full time technically qualified Engineer / supervisor for the minor component of the work as required for the work. I / We will attend inspection of officers of the department as and when required.

Date:

Signature with date of Major component

Signature with date of Associate/ Minor Component

Contractor
Address

Contractor
Address

1. Witness with address
(From major component contractor side)

2. Witness with address
(From minor component contractor side)

FORM- "1"

MEMORANDUM OF UNDERSTANDING (M.O.U)
(to be submitted for each and every E&M component)

1. M/s. (Name of the firm with full address)
Enlistment Status
Valid Upto:
(Henceforth called the main Contractor)

2. M/s. (Name of the firm with full address)
Enlistment Status
Valid Upto:
(Henceforth called Associated Contractor)

For the execution of E & M Work:

(E & M Component) as per schedule specifications, terms and conditions of the tender.

We state that M.O.U between us will be treated as an agreement and has legality as per Indian Contract Act (amended upto date) and the department (CPWD) can enforce all the terms and conditions of the agreement for execution of the above work. Both of us shall be responsible for the execution of work as per the agreement to the extent this MOU allows. Both the parties shall be paid consequent to the execution as per agreement to the extent this MOU permits. In case of any dispute, either of us will go for mediation by the Engineer In charge. Any of us may appeal against the mediation to the Regional Director, _____ . His decision shall be final and binding on both of us.

We have agreed as under:

1. The Associated Contractor will execute all E & M works in the wholesome manner as per terms and conditions of the agreement.
2. The Associated Contractor shall be liable for disciplinary action if he fails to discharge the action(s) and other legal action as per agreement.
3. All the machinery and equipments, tools and tackles required for execution of the E & M works, as per agreement, shall be the responsibility of the Associated Contractor.

4. The site staff required for the E & M work shall be arranged by the Associated Contractor as per terms and conditions of the agreement.

5. Site order book maintained for the said work shall be signed by the main contractor as well as by the Engineer of the Associated Contractor and by Associated Contractor himself.

6. All the correspondence regarding execution of the E & M work shall be done by the department with the Associated Contractor with a copy to the main contractor. In case of non-compliance of the provisions of agreement, the main contractor, as well as the associated contractor shall be responsible. The action under clauses 2 and 3 shall be initiated and taken against the main contractor.

SIGNATURE OF MAIN CONTRACTOR

SIGNATURE OF ASSOCIATED
CONTRACTOR

Date:

Place:

Date

Place:

**GUARANTEE BOND TO BE EXECUTED BY THE CONTRACTOR
FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF
WATER-PROOFING WORKS (All Water - Proofing Items).**

The agreement made this..... day of (Two Thousand _____ only)
..... betweenS/o(hereinafter called the
GUARANTOR of the one part) and the Regional Director_____ (hereinafter called the
Government of the other part)

WHEREAS THIS agreement is supplementary to a contract (Hereinafter called the Contract)
dated and made between the GUARANTOR OF THE ONE PART AND the Government of
the other part whereby the contractor inter alia undertook to render the building and structures in the
said contract recited completely water and leak- proof.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said
structures will remain water/leak proof for (5) five years from the date of completion of work.

NOW THE GUARANTOR hereby guarantees that work executed by him will render the structures
completely leak proof and the minimum life of such water proofing treatment shall be (5) five years to
be reckoned from the date after the expiry of maintenance period prescribed in the contract.

The decision of the Engineer-in-charge with regard to nature and cause of defect shall be final
and binding on Guarantor.

During this period of guarantee, the guarantor shall make good all defects and in case of any
defect being found render the building water proof to the satisfaction of the Engineer-In-Charge calling
upon him to rectify the defects failing which the work shall be got done by the Department by some
other contractor at the Guarantor's cost and risk. The decision of the Engineer-in-charge as to the cost
payable by the Guarantor shall be final and binding.

That if the guarantor fails to execute the water proofing or commits breach there under, then the
guarantor will indemnify the principal and his successor against all loss, damage, cost expense or
otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in
performance and observance of this supplementary agreement. As to the amount of loss and/or
damage and / or cost incurred by the Government, the decision of the Engineer-in-charge will be final
and binding on both the parties.

IN WITNESS WHEREOF these presents have been executed by the obligator and
..... by for and on behalf of the Regional
Director,_____ on the day, month and year first above written.

SIGNED, sealed and delivered by OBLIGATOR in the presence of :-

1. 2.

SIGNED FOR AND BEHALF OF THE REGIONAL DIRECTOR BYin the presence of :-
..... in the presence of :-

1. 2.



**GUJARAT REGIONAL OFFICE
EMPLOYEES' STATE INSURANCE CORPORATION
(Ministry of Labour & Employment, Government of India)
Panchdeep Bhavan, Ashram Road, Ahmedabad (Gujarat)-380014
Phone: 079-27582400/450 Fax : 079-27540498
[Web Site: www.esicgujarat.in](http://www.esicgujarat.in), [E-mail: rd-gujrat@esic.in](mailto:rd-gujrat@esic.in)**

**e - TENDER
FOR
"SPECIAL REPAIR WORKS FOR CENTRAL MEDICAL STORE (CMS) GIRDHARNAGAR,
AHMEDABAD."**

FINANCIAL BID DOCUMENT

Issued to : _____

Issued on : _____

Issued by:-

**(Akshay Kala)
Regional Director**

ABSTRACT

NAME OF WORK : - Special Repair works for Central Medical Store (CMS) Girdharnagar, Ahmedabad.

S.no	Description	Amount
1	Total of Civil work (Part I to III)	4,617,477.95
2	Total of Electrical Work	932,010.08
	GRAND TOAL	5,549,488.02

**REGIONAL DIRECTOR
ESIC, AHMEDABAD**

NAME OF WORK : - Special Repair works for Central Medical Store (CMS) Girdharnagar,Ahmedabad.

PART I (CIVIL WORK)					
Sr. No.	Description	Unit	Quantity	Rate	Amount
	Finishing items				
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.	652	106.52	69,449.43
2	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :New work (two or more coats) over and including waterthinnable priming coat with cement primer	Sqm.	1760.00	103.91	182,884.11
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 50mm average thickness	Sqm	116	123.71	14,349.98
4	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	Rmt	100.00	4.60	460.23
5	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. Epoxy bonding adhesive having coverage 2.20 sqm/kg of approved make	sqm	116.00	349.27	40,515.70
6	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per directions of Engineer-In-Charge. With cement mortar 1:4 (1 cement : 4 fine sand)	sqm	500.00	293.66	146,828.95

Sr. No.	Description	Unit	Quantity	Rate	Amount
7	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 ² . 25 mm average thickness in 2 layers.	Sqm.	116.00	366.96	42,567.53
8	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	1760.00	11.98	21,079.49
9	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm	644.00	24.84	15,997.70
10	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 6 mm thick cement plaster 1:6 (1 cement : 6 coarse sand)	Sqm.	652	283.40	184,776.70
11	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.	per bag of 50 kg cement used in the mix.	105	55.84	5,862.90
	Door and Window				-
12	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	14	5944.85	83,227.95
13	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90mm x 45mm having single rebate of 32mm x 15mm to receive shutter of 30mm thickness .The laminate shall be molded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame,	meter	250	460.78	115,195.30

Sr. No.	Description	Unit	Quantity	Rate	Amount
14	providing and fixing to existing door frame 30 mm thick Fiberglass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF)/ Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856, complete as per direction of Engineer-in-charge.	Sqm.	58	2812.15	163,104.79
15	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall 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-Charge.	meter	61	486.56	29,680.46
16	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness & size of 19 mm x 19 mm for styles and 15x15 mm for top & 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 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail & 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 & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & 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 & drawing 30 mm thick pre laminated PVC door shutters	Sqm.	19	3585.00	68,114.99

Sr. No.	Description	Unit	Quantity	Rate	Amount
17	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For 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) Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	Kg	300	501.70	150,510.77
18	Providing and fixing glazing in aluminum 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 aluminum snap beading shall be paid in basic item): With float glass panes of 5.50 mm thickness,	Sqm.	75	1113.36	83,502.04
19	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with 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	5	430.73	2,153.64
20	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	each	30	95.21	2,856.18
21	Providing and fixing factory made Fiberglass Reinforced plastics (F.R.P.) chajja 4 mm thick of required colour, size and design made by Resin Transfer Moulding (RTM) Machine Technology, resulting in void free compact laminate in single piece, having smooth gradual slope curvature for easy drainage of water and duly reinforced by 2 nos vertically and 1 nos horizontally 50x2 mm thick M.S. flat with 12 mm in built hole for grouting on the existing wall along with the 50 mm flanges duly inserted and sealed in the wall complete in one single piece casted conolithically, including all necessary fittings . The FRP Chajja should be manufactured using unsaturated Polyester resin as per IS: 6746, duly reinforced with fibre glass chopped strand mat (CSM) as per IS: 11551 complete with protective Gel coat U/V coating on Top for complete resistance from the extreme of temperature, weather & sunlight.	Sqm.	30	4561.62	136,848.69

Sr. No.	Description	Unit	Quantity	Rate	Amount
22	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	each	30	617.09	18,512.76
23	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete: 300X10mm	each	30	110.57	3,316.96
24	Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge Polyester powder coated minimum thickness 50 micron aluminium tubular handle bar	each	30	577.45	17,323.38
25	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 : 300X16mm	each	30	235.60	7,068.08
26	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel window by welding.	kg	1500	116.05	174,082.14
27	Providing and fixing fly proof stainless steel grade 304 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. 0.50 mm all complete. With 2nd class teak wood beading 62X19 mm	sqm	30	1489.97	44,699.10
28	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Cum	13.00	1105.71	14,374.21
29	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-charge.	Cum	16.00	1613.07	25,809.07
30	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead of area 3 sq. metres and below	each	74.00	175.05	12,953.88
31	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	Kg	449.00	1.77	796.69
32	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar.	Cum	5.00	934.59	4,672.96
FLOORING WORK					

Sr. No.	Description	Unit	Quantity	Rate	Amount
33	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 @ 3.3kg/sqm including pointing the joints with white cement and matching pigment etc., complete	Sqm.	40	763.37	30,534.66
34	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 : 3coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade	Sqm.	152	732.15	111,286.59
35	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, molding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade Area of slab over 0.50 sqm.	Sqm.	85	2051.78	174,401.24
36	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25mm thick	Sqm.	124	1284.31	159,254.41
37	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	Sqm.	4	1373.14	5,492.56
38	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.for thickness of tiles 10mm to 25mm	Sqm.	284.00	34.99	9,936.68
	plumbing items				-
39	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :	Metre	80	575.06	46,004.93

Sr. No.	Description	Unit	Quantity	Rate	Amount
40	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cementmortar 1:6 (1 cement : 6 coarse sand) : With F.P.S.(non modular) bricks	Cum	5	6254.87	31,274.34
41	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 : White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	10	3875.00	38,749.98
42	Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40mm flush bend, 20 mm over flow pipe, 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: White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend.	Each	10	6976.43	69,764.27
43	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	Each	10	282.57	2,825.68
44	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 : Kitchen sink with drain board. 510x1040 mm bowl depth 250 mm	Each	7	4569.88	31,989.19
45	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 : White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	2	2549.05	5,098.09
46	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore	Each	2	605.45	1,210.90
47	Providing and fixing P.V.C. waste pipe for sink or wash basin including PVC. waste fittings complete. 17.28.2.1 Flexible pipe. 32mm dia	Each	3	81.23	243.70

Sr. No.	Description	Unit	Quantity	Rate	Amount
48	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	7	907.09	6,349.63
49	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer in charge.	Each	4	881.81	3,527.22
50	Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe.	Each	4	2511.56	10,046.25
51	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (Internal work - Exposed on wall) 20 mm nominal outer dia Pipes	Metre	24	199.56	4,789.46
52	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (Internal work - Exposed on wall) 25 mm nominal outer dia Pipes	Metre	24	239.76	5,754.28
53	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (Internal work - Exposed on wall) 32 mm nominal outer dia Pipes	Metre	20	320.55	6,411.01
54	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. (Concealed work) 20 mm nominal outer dia Pipes	Metre	10	315.89	3,158.93
55	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. (External work) 25 mm nominal outer dia Pipes	Metre	8	212.54	1,700.29

Sr. No.	Description	Unit	Quantity	Rate	Amount
56	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. (External work) 32 mm nominal outer dia Pipes	Metre	10	277.85	2,778.55
57	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. (External work) 50 mm nominal outer dia Pipes	Metre	10	537.02	5,370.24
58	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore	No.	7	412.21	2,885.46
59	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore.	No.	2	615.82	1,231.63
60	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 150mm Nominal bore	No.	8	605.45	4,843.58
61	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 : 100x100 mm size P type With Sewer bricks conforming to IS : 4885	No.	8	1796.05	14,368.39
62	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.	No.	4	219.08	876.32
63	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, Single socketed pipe 110mm dia	Metre	24	262.11	6,290.58
64	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 bend 87.5 110 mm bend	each	4	125.43	501.70

Sr. No.	Description	Unit	Quantity	Rate	Amount
65	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length,including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. 110 mm	each	40	201.17	8,046.76
66	Constructing brick masonry manhole in cement mortar 1:4 (1cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1cement : 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) finishedwith 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 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (heavy duty) 560 mm internal diameter, total weight of cover and frame to be not less than 208 kg (weight of cover 108 kg and weight of frame 100 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	8	25487.96	203,903.72
67	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 above 40mm nominal bore.	Metre	20.00	78.57	1,571.42
	Water-Proofing Works				-
68	Demolishing mud phaska in terracing and disposal of material within 50 metres lead	Cum	174	414.70	72,158.33
69	Grading roof for water proofing treatment with Cement mortar 1:3 (1 cement : 3 coarse sand	Cum	30	10292.06	308,761.66
70	Removing / cleaning the existing surface (old tarfelt, APP sheet, bitumen paint, etc.) by grinding with grinding machine, cleaning by brooming & finally cleaning dust by air blower and rectification of local depression / slope wherever required, including removing all the dobris like tarfelt, APP sheet and west material and disposing to the nearby NMMC dumping ground, 1) Applying Polyster Resin Primer for filling the pin holes, cracks etc. 2) Applying putty made by hydreted magnetism silicate (Mg3Si4O10(OH)2) and Polymer Resin Primer before drying of the primer,to fill the cracks of surface & to receive the lamination mat. 3) Before drying of putty providing laminate 1st layerof C.S. Sheet (Chopped Strand Mat-300gm.per Sq.mt) applying / wetting with resin by using Anzn Roller. 4) After applying resin, providing 2nd layer Tissue Mat (Surface Mat)consisting of randomly oriented glass fibers distributed in plystrine binder to obtain smooth surfaqce & applying/ wetting with resin using Anzn Roller. 5) After that, curing the surface mat and applying final U.V. Coat (Ultra Violet Coat) mixed with required Pigment for anti fungus treatment of surface . The cobalt accelerator and MEKP harder shall be mixed wherever resin is used. Total thickness will be 2mm to 3mm . All complete as per direction of Engineer Incharge. (The treatment shall carry the five year guarantee)	sqm	575	1152.11	662,461.53

Sr. No.	Description	Unit	Quantity	Rate	Amount
71	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : In 75x75 mm deep chase	meter	110	169.67	18,664.13
	Miscellaneous items				-
72	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.	202.00	311.85	62,992.73
73	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	100.00	499.43	49,942.91
74	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	5.00	6433.75	32,168.74
75	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. With G.I. barbed wire used: with GI barbed wire.	meter	100.00	14.03	1,402.86
	Total				4,104,602.26

**Regional Director
ESIC, Ahmedabad**

NAME OF WORK : - Special Repair works for Central Medical Store (CMS) Girdharnagar,Ahmedabad.

PART II (EXTERNAL DEVELOPMENT)

Sr. No.	DESCRIPTION	Unit	Quantity	Rate	Amount
	Road and Paved Area				
1	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	887	8.0	7082.39
2	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in 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:	sqm	348	58.8	20454.03
	All kinds of soil				
3	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 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge	sqm	272	682.8	185721.32
4	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	5	5558.9	27794.64

Sr. No.	DESCRIPTION	Unit	Quantity	Rate	Amount
5	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	37	6103.6	225833.35
6	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	sqm	10	86.9	869.44
7	Supplying and stacking at site 90 mm to 45 mm size stone aggregate	cum	20	1481.7	29633.05
8	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	10	7665.4	76654.36
9	Deduct for using of M-20 grade concrete instead of M-25 grade concrete in C.C. pavement.	Cum	10	-208.0	-2080.45
	TOTAL				571,962.15

**Regional Director
ESIC, Ahmedabad**

NAME OF WORK : - Special Repair works for Central Medical Store (CMS)					
Girdharnagar,Ahmedabad.					
PART III (SALVAGE VALUE OF MATERIALS)					
Sr. No.	Description	Unit	Quantity	Rate	Amount
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement	Cmt.	5	554.5	2772.45
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead of area 3 sq. metres and below	each	74	665.4	49238.712
3(a)	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	Kg	449	13.31	5975.18424
3(b)	Steel from dismaning of RCC (10 x 150.00 = 1500 kg)	Kg	16	13.31	212.92416
4	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	Metr e	20	44.36	887.184
	TOTAL			0	59,086.45
					-59,086.45

**Regional Director
ESIC, Ahmedabad**

NAME OF WORK : - Special Repair works for Central Medical Store (CMS) Girdharnagar,Ahmedabad.

ELECTICAL WORKS

S.No	DESCRIPTION	UNIT	QNTYS	UNIT/RATE Rs.	AMOUNT Rs.
I	INTERNAL WIRING				
1	Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 Sq.Mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate,suitable GI box and earthing the point with 1.5 Sq.Mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group B	Point	20.00	666.31	13326.15
	Group C	Point	86.00	820.15	70533.26
2	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch,modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	Point	10.00	876.49	8764.92
3	Wiring for group controlled (looped) light point/fan point/exhaustfan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	Group B	Point	34.00	552.55	18786.62
4	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire.	Meter	260.00	121.34	31549.39
	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire.	Meter	575.00	148.43	85346.96
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire.	Meter	535.00	182.02	97378.42
	2 x 6 sq.mm. + 1 x 6 sq.mm. Earth wire	Meter	30.00	245.94	7378.14
	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	Meter	30.00	580.72	17421.51
5	Supply and fixing of suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps. modular switch, connection etc. as required.	Each	121.00	339.11	41032.63
6	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 A & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	Each	12.00	439.87	5278.46
7	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	21.00	312.03	6552.57
8	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	53.00	26.00	1378.12
9	Supplying and fixing 3 pin, 5 A ceiling rose/angle holder as per side condition on the existing junction box/ wooden block including connections etc. as required.	Each	91.00	49.84	4535.23
II	DISTRIBUTION BOARDS & MCB's				
10	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker (MCB) suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				

	single pole	Each	42.00	187.43	7872.18
11	Supplying & fixing single pole, blinking plate in the existing MCB DB complete etc. as required.	Each	16.00	7.58	121.34
12	Supplying and fixing following rating, double pole, (single phase and neutral), 240V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing! MCB DB complete with connections, testing and commissioning etc. as required.				
	40 amps.	Each	6.00	1862.41	11174.47
	63 amps.	Each	6.00	2429.04	14574.26
13	Supplying and fixing following way, horizontal type three pole and neutral , sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
	6 way (4 + 18), Double door	Each	2.00	2880.83	5761.66
	8 way (4 + 24), Double door	Each	2.00	3435.55	6871.09
14	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	40 Amps	Each	2.00	722.65	1445.29
	63 Amps	Each	2.00	734.56	1469.13
III	TELEPHONE & DATA SYSTEM				
15	Supplying and fixing following size / modules, GI box along with modular base & cover plate for modular switches in recess etc as required				
	1 or 2 Module (75 mm x 75 mm)	Each	4.00	189.60	758.40
16	Supplying and fixing following modular switch / socket on the existing modular plate & switch box including connections but excluding modular plate etc as required				
	Telephone Socket outlet	Each	4.00	104.01	416.04
17	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
	25 mm	Meter	125.00	74.76	9344.56
	32 mm	Meter	75.00	96.43	7231.88
18	Supply and drawing following pair, 0.5 sq.mm. FR PVC insulated annealed copper conductor, unarmoured telephone cable in the existing surface / recessed steel/ PVC conduit as required.				
	2 Pair	Meter	30.00	20.59	617.55
19	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/ recessed Steel/ PVC conduit as required.				
	1 run of cable	Meter	350.00	36.84	12892.78
20	Providing, fixing, connecting & testing of Telephone Tag Block krone type in a suitable size 1.6 mm thick dust and vermin proof Sheet steel enclosure duly painted by synthetic enamel over anti corrosive primer, lockable and hinged cover with provision for cable through glands complete in all respects.				
	50 Pair	Nos	1.00	3368.35	3368.35
21	Supplying, laying, testing and commissioning of following size annealed tinned copper conductor PVC insulated and sheathed armoured copper telephone cables with suitable clamps, saddles and including making terminal joints complete as required.				
	50 Pair	Meter	20.00	511.06	10221.20

22	Supply and Erecting modular type computer jack RJ 45 ISI mark approved make with mounting plate and box with wiring connections complete.	Nos.	17.00	459.55	7812.35
IV EARTHING SYSTEM					
23	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	Set	1.00	4687.99	4687.99
24	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	Set	1.00	8980.53	8980.53
25	Supplying and laying 25 mm X 5 mm copper strip at 0.50 meter below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	Meter	1.00	644.64	644.64
26	Supplying and laying 25 mm x 5 mm. G.I. strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	Meter	8.00	92.09	736.73
27	Providing and fixing 25 mm X 5 mm copper strip in 40 mm dia G.I. pipe from earth electrode including connection with brass nut, bolt, spring, washer excavation and re-filling etc. as required.	Meter	5.00	944.75	4723.74
28	Providing and fixing 25 mm x 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	Meter	5.00	380.28	1901.41
29	Providing and fixing 25mm x 5 mm G.I strip on surface or in recess for connections etc. as required.	Meter	10.00	139.76	1397.62
30	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Meter	50.00	40.09	2004.34
V INTERNAL LIGHTING FIXTURES & FANS					
31	Supply of approved make of tube fitting with one no T-5 tube 24/28W with electronic ballast with each tube separately. THD less than 10 and built in adaptors GI/PVC housing and mirror optic reflector suitable to work on 120v - 300V A.C supply with connector and adapter if required.	Each	55.00	750.00	41250.00
32	Supply of AC 230/250 volts, 50 HZ CELLING FAN with standard down rod, blades, 2 nos. caps & regulator etc. ISI marked complete as required.				
	1200 mm sweep	Nos	21.00	2000.00	42000.00
33	Supply of AC 230/250 volts, 50 HZ EXHAUST FAN including providing nuts, bolts, mounting frame and other accessories etc. complete				
	300 mm sweep 900 rpm	Nos	12.00	1700.00	20400.00
34	Supply & fixing WALL MOUNTED FANS AC suitable for 230/250 volts, 50 HZ including providing nuts, bolts, mounting frame and other accessories etc. complete	Nos	9.00	2555.30	22997.70
VI ERECTION OF LIGHTING FIXTURES AND FANS					
35	Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tubes etc. directly on ceiling / wall, including connection with 1.5 sq. mm. FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	55.00	108.34	5958.85

36	Installation, testing and commissioning of ceiling fan including wiring the down rod of standard length (upto 30 cm.) with 1.5 sq. mm. FRLS PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	Each	21.00	143.01	3003.26
37	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required				
	Upto 450 mm sweep	Each	12.00	242.69	2912.25
38	Extra for fixing the louvers /shutters complete with frame for exhaust fan of all sizes.	Each	12.00	107.26	1287.11
39	Supplying and fixing of call bell/buzzer suitable for single phase, 230 volts, complete as required.	Each	8.00	66.09	528.71
VII	CABLE				
40	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.				
	4 X 6 sq. mm (28mm)	Nos	12.00	219.94	2639.23
VIII	STREET LIGHT				
41	Supply and installation of following type; 4 mtr. long M.S swaged type tubular pole of 3" MS light class pipe with base plate having swaging at top suitable for 3" dia MS sleeves Bracket of 0.5 mtr. long & 1.5" MSL & in/out cable entry pipe having smooth bend of 1" GIL pipe with one coat of redoxide primer & two coat of aluminum paint as directed, the portion under ground shall be painted with bitumen paint inside & outside :	Nos.	12.00	8478.95	101747.40
42	Supply and installation of weather proof pole mounting box having size of 170x170x105(deep) & made of 1.6mm MS sheet / Sintex with aluminium paint hinged castle key cover of suitable size in recess/on surface including terminal blocks for incoming and outgoing cables (size up to 4 C x 6 Sqmm) and a 6 amps SP MCB, mounting CI clamps, MS angle support structures etc as per drawings / specifications).	Nos.	12.00	833.25	9999.00
43	Supply out door street light fittings ivory colour powder coated sheet aluminium housing with epoxy white powder coated CRCA sheet gear tray clear acrylic cover and accessories fitting with with tube rod..				
	suitable for 28/36 W tube light	Nos.	12.00	3186.55	38238.60
44	Supplying and erecting 4core x 6 sq.mm Alluminium armoured cable conductor for 1.1 KV to be laid on wall/under ground /cable trench as required with necessary clamps nut bolts etc. complete. Make RR cable/Finolex/Polycab/Avocab/Havells.	Meter	350.00	250.00	87500.00
IX	SALVAGE VALUE				
45	Dismantling the existing light points, ceiling fan points, bell points, independent plug point with pvc pipes, mains & all types of accessories etc. complete. Note:- Dismantled Materials to be retained by the Contractor	Kg.	125.00	101.00	-12625.00
46	Dismantling /removal of ceiling fan,ex. Fan,wall fan and tube fitting with all types of accessories etc. complete. Note:- Dismantled Materials to be retained by the Contractor	No.s	100.00	101.00	-10100.00
X	FIRE FIGHTING SYSTEM				
47	Supply & Installation of 6 Kg Fire Extinguisher Mono Ammonium Phosphate Powder 90, Stored Pressure. (Make Ceasefire or Its Eq.)	Nos.	1.00	12544.20	12544.20

48	Supply & Installation of Ceasefire 4.5Kg, CO2 Gas Type Aluminium Fire Extinguisher, Trolley Mounted, Easy Weight .(Make Ceasefire or Its Eq.)	Nos.	1.00	25436.85	25436.85
	TOTAL				932010.08

**Regional Director
ESIC, Ahmedabad**