



**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**

**“ANNUAL REPAIRS AND MAINTENANCE OF ELECTRICAL, PUMPING MACHINERY, HT VCB &  
TRANSFORMER, NEON SIGN & FIRE FIGHTING SYSTEM OF ESIC BUILDINGS, AHMEDABAD”**

**TECHNICAL BID DOCUMENT**

**Issued to : \_\_\_\_\_**

**Issued on : \_\_\_\_\_**

**Issued by:-**

**Akshay Kala  
(Regional Director)**

(Instructions read and complied/Terms and Conditions Accepted)  
(Sign and seal of Bidder)

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(Instructions read and complied/Terms and Conditions Accepted)  
(Sign and seal of Bidder)

ANNEXURE-'A'



GUJARAT REGIONAL OFFICE  
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[Web Site: www.esicgujarat.in](http://www.esicgujarat.in), [E-mail: rd-gujrat@esic.in](mailto:rd-gujrat@esic.in)

**Notice Inviting Tender**

**FOR ANNUAL REPAIRS AND MAINTENANCE OF ELECTRICAL, PUMPING MACHINERY & FIRE FIGHTING WORKS OF ESIC BUILDINGS, AHMEDABAD**

1. Sealed Offers 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 Electrical wing or any other government body for Annual Repair and Maintenance Electrical, pumping machinery, HT VCB & Transformer, Neon sign board & Fire fighting system for ESIC Buildings, Ahmedabad listed under scope of work in Annexure-'E' or any other site under the jurisdiction of Regional Office, Gujarat as and when situation warrants for the year.

| Sl. | Item               | Detail   |
|-----|--------------------|--|
| 1   | Name of work       | Annual Repairs and Maintenance of Electrical, pumping machinery, HT VCB & Transformer, Neon sign board & Fire fighting system of RO, ESIC buildings, Ahmedabad.                      |
| 2   | Period of Contract | The Contract shall initially be for a period of <b>One year</b> and may be extended further for one more year subject to satisfactory performance, on the same terms and conditions. |
| 3   | Estimated Cost     | Rs. 23.44 Lakh only per annum  |
| 4   | Earnest            | The amount of Earnest Money Deposit (EMD) of Rs 47000/-  |

|   |                         |  |
|---|-------------------------|--|
|   | Money Deposit (EMD)     | Only (Rs Forty seven thousand 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 <a href="http://www.esic.nic.in/tenders">www.esic.nic.in / tenders</a> , <a href="http://www.esicgujarat.in">www.esicgujarat.in</a> and <a href="http://www.esictenders.eproc.in">www.esictenders.eproc.in</a> from 19/06/2017 to 11/07/2017.   |
| 6 | Last Date of submission | Technical bid and finance bid must be submitted online at <a href="http://www.esictenders.eproc.in">www.esictenders.eproc.in</a> during period from 19/06/2017 (from 10:00 AM) to 11/07/2017 (till 01:00 PM). However, bidders are required to submit technical bid document along with all annexures during period from 19/06/2017 to 11/07/2017 till 01:00 PM in open Tender box kept in Property Management Branch's Room at 1 <sup>st</sup> 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), <i>Regional Office, ESI Corporation, Panchdeep Bhavan, Ashram Road, Ahmedabad -380014 (Gujarat)</i> 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 <b>11/07/2017 at 03:30 PM</b> in conference hall, 4 <sup>th</sup> floor. In case 11/07/2017 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 18/07/2017 at 03:30 PM.   |

-Sd-

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

**Instructions to the Bidders for e-tendering**

- 1) All bidders/ Contractors are required to procure Class-IIIB Digital Signature Certificate (DSC) with Both DSC Components i.e. Signing & Encryption to participate in the E-Tenders.
- 2) Bidder should get Registered at <https://esictenders.eproc.in>.
- 3) Bidders can contact our Helpdesk at <https://esictenders.eproc.in/html/Support.asp>
- 4) Bidder needs to submit Bid processing Fee charges of Rs. 2495/- (non-refundable) in the form of Demand Draft from any scheduled bank, in favour of M/s. C1 India Pvt. Ltd. payable at New Delhi for participating in the Tender.
- 5) Along with the Demand Draft, Bidder needs to send a covering Letter mentioning about the Payment Details, Company Name, Address, Payment towards ESIC Bid Processing Fees (Mention the Tender ID and Tender Title).
- 6) The payment should reach at the below mentioned address, one day before the due date and time of Bid Submission:

Kind Attn: Mr. Mohit Chauhan  
M/s C1 India Pvt. Ltd.  
301, Gulf Petro Chem Building,  
1<sup>st</sup> Floor, Udyog Vihar, Phase-2,  
Guragaon, Haryana-122015.

Note: Payment will be approved only after physical receipt of Demand Draft.

## Eligibility Conditions

1. The bidder should be a contractor/ agency registered with 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. [Document to be provided as mentioned in Annexure D : 2.2 (n)].
2. 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 work means related Electrical/ Fire/ Pumping Machineries works). [License/ Registration copy, as mentioned in point no. 1 above, must be 3 years old in continuation].
3. Average Annual Financial turnover should be at least of estimated cost of this work during the immediate last 3 consecutive financial years i.e. 2015-16, 2014-15 and 2013-14. [Document to be provided as mentioned in Annexure D : 2.2 (j)].
4. The applicant should have also successfully completed similar works 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)
5. The Tenderer should have the registered / Branch office in Gujarat. [Document to be provided as mentioned in Annexure D : 2.2 (d)].
6. Self-certificate that they have not been indicted for any criminal, fraudulent or anti-competition activity and has not been blacklisted by any Govt. departments or otherwise as per Annexure-‘S’.
7. 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 47000/- only (Rs Forty seven thousand only) 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.
- 1.2. EMD shall be placed in separate sealed cover by writing the Annual Repair and Maintenance of Electrical works of ESIC buildings, 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. It shall be refunded to the successful tenderer on receipt of Security Deposit (SD).
- 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 after awarding of the contract and/ or furnish the Security Deposit within time specified in the Tender document.

**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. 47000/- .
- (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) Certificate of Incorporation/ 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. 2015-16, 2014-15, 2013-14).
- (f) Copy of Income Tax Return for last three years (i.e. FY 2015-16, FY 2014-15, FY 2013-14)
- (g) Copy of Service Tax Registration Certificate along with copy of latest challan.
- (h) Copy of Registration Certificate of Sales Tax/ VAT/ TIN.
- (i) Letter of authorization to attend bid opening.
- (j) Annual turnover of works for immediate last 3 consecutive financial years i.e. 2015-16, 2014-15 and 2013-14 duly certified by Chartered Accountant.
- (k) Satisfactory completion certificate of similar nature of work (as per sr. no. 4 of Annexure –B, i.e eligibility condition)
- (l) ESI Registration Certificate with latest challan.
- (m) EPF Registration Certificate with latest challan.
- (n) Valid License/Registration copy from 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.
- (o) Registration certificate in respect of Central Labour Act 1970 & Contract Labour Central Rule 1970, if applicable.
- (p) Professional Tax Registration Certificate.
- (q) A self-certificate that they have not been indicted for any criminal, fraudulent or anti-competition activity and has not been blacklisted by any Govt. departments or otherwise as per Annexure- 'S'.



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](http://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  
1<sup>st</sup> floor  
Regional Office  
Employees State Insurance Corporation  
Panchdeep Bhavan,  
Opp. Income Tax Office,  
Ashram Road, Ahmedabad – 380 014

4. The site for the work can be seen on any working days during office hours by contacting Deputy Director/ Assistant Director, 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 180 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-'M'. 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 sixty days 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.

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 till the sum along with the sum already deposited as earnest money, will amount to security deposit of 5% of the tendered value of the work. Such deductions will be made and held by ESIC by way of Security Deposit.

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 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, etc. & all taxes (including service 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, 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 :**

| <b>Serial No</b> | <b>Name and Address of Building</b>  | <b>Nature of Facility</b> |
|------------------|--|---------------------------|
| <b>1</b>         | R.O. Building, Panchdeep Bhavan, Ashram Road, Ahmedabad                                  | Office                    |
| <b>2</b>         | Branch Office Asarwa, B/H Municipal School, Girdharnagar, Ahmedabad                      | Office                    |
| <b>3</b>         | Dispensary D-3/5/8 and Branch Office Dariapur, O/S Dariapur Darwaja, Dariapur, Ahmedabad | Dispensary and Office     |
| <b>4</b>         | Dispensary D-6, B/H Municipal School, Girdharnagar, Ahmedabad                            | Dispensary                |
| <b>5</b>         | Dispensary D-1, National high way road, Sabarmati, Ahmedabad                             | Dispensary                |
| <b>6</b>         | Dispensary D-42 and Branch Office City, Near Municipal Bus Stand, Paldi, Ahmedabad.      | Dispensary and Office     |
| <b>7</b>         | E.S.I.C. Vasna Colony, Shreyas Tekara, Ambawadi, Ahmedabad                               | Residential               |
| <b>8</b>         | Acher Staff Quarters, D-1 compound, Sabarmati, Ahmedabad                                 | Residential               |
| <b>9</b>         | Dispensary D-22 & Branch Office, Near Saraspur Garden, Saraspura, Ahmedabad.             | Dispensary and Office     |
| <b>10</b>        | Dispensary D-37, Near Pilot Dairy, Kankaria, Ahmedabad.                                  | Dispensary                |
| <b>11</b>        | Branch Office-Jamalpur & S/Q in D-37 campus, Near Pilot Dairy, Kankaria, Ahmedabad       | Office and Residential    |
| <b>12</b>        | Dispensary D-39 office Behind Petrol Pump, S.T. Road, Astodia Darwaja, Ahmedabad.        | Dispensary                |
| <b>13</b>        | Branch Office Kankaria D-39 Behind Petrol Pump, S.T. Road Astodia Darwaja, Ahmedabad.    | Dispensary and Office     |
| <b>14</b>        | Branch Office D-34, Khokhara, Ahmedabad.   | Office                    |
| <b>15</b>        | Branch Office Gomtipur, Kalidas Mill   | Office                    |

|           |  |                       |
|-----------|--|-----------------------|
|           | Compound, Gomtipur, Ahmedabad.   |                       |
| <b>16</b> | Dispensary D-47 and Branch Office Near Vinzol Railway Crossing, Vatwa, Ahmedabad.        | Dispensary and Office |
| <b>17</b> | Bapunagar Staff Quarters D-19, Bapunagar Housing Board, Ahmedabad.                       | Residential           |
| <b>18</b> | Dispensary D-19, Bapunagar Housing Board, Ahmedabad.                                     | Dispensary            |
| <b>19</b> | Dispensary D-21 Near Municipal Industrial Estate, Bapunagar, Ahmedabad.                  | Dispensary            |
| <b>20</b> | Branch Office D-21 Near Municipal Industrial Estate, Bapunagar, Ahmedabad.               | Office                |
| <b>21</b> | Branch Office Naroda Road, Opposite Arvind Mill, Near Asarwa Railway Station, Ahmedabad. | Office                |
| <b>22</b> | Branch Office Odhav- D-44, 2/622/1 G.I.D.C. Odhav Ahmedabad.                             | Office                |
| <b>23</b> | Dispensary D-44 – 2/622/1 G.I.D.C., Odhav, Ahmedabad.                                    | Dispensary            |
| <b>24</b> | Any other ESI Building as directed by Regional Director.                                 |                       |

**Scope of Works / Services :** The agency will be responsible for Repair and Maintenance of following categories of work:

1. Replacement of fuses (all types), repair/replacement of faulty switches, holders, screws etc.
2. Oiling greasing of fans (ceiling and exhaust) as and when required.
3. Cleaning and spray, painting of ceiling fans, main switch boards, tube lights fittings and likes.
4. Occasional re-winding of fans.
5. Repair/replacement of Tube light chokes and starters.
6. Rewiring of circuit wiring to a limited extent.
7. Checking of earthing system to make it functional and effective.
8. All electrical work as desired by competent authority for up keeping the buildings.
9. Repairs & maintenance of pumping machineries.
10. Servicing & maintaining of fire fighting system as per scope of work.
11. Servicing & maintenance of HT/VCB, Transformer & LT panel of s/s.
12. Servicing & maintenance of "ESIC" letters NEON sign board.

**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 ‘L’)
- (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 in Sub-Clause (1.b (i)) of Annexure – B and contract agreement as per Annexure ‘D’.
- (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. Period of Contract:** The Contract shall initially be for a period of **One year** and may be extended further for one more year subject to satisfactory performance, on the same terms and conditions. The rates approved shall remain unchanged during the period of contract. ESIC reserves the right to terminate the contract by serving one month’s notice, in writing. The Contract can be terminated by giving one month notice by either party.

### **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 change in the nature and extent of the works and to ensure the adequacy of the Insurance cover at all times during the period of contract.

**(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 Repair and Maintenance of the works and the remedying of any defects therein, and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect thereof.

**9. Accident or injury to Workmen**

The Employer shall not be liable for or in respect of any damages or compensation payable to any workman 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.

## **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 six 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 7<sup>th</sup> 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.

- (i) Check list of documents attached as applicable as follows.
- (ii) Abstract of Cost for Part- A, B, and C.
- (iii) Measurement of the works for the items under Part- A, B and C
- (iv) Copy of Attendance Sheet of Staff engaged under Part- A.
- (v) Complaint Registration form (As per Annexure 'N') duly signed by complainant on satisfactory work completion.
- (vi) The self certificate stating that the all statutory laws and taxation payment complied by agency.

#### **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,  
Ahmedabad.

Sign of Contractor : .....

Date : .....

Place: .....

(Instructions read and complied/Terms and Conditions Accepted)  
(Sign and seal of Bidder)

**Special Conditions of Contract**

1. 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-In Charge of the ESIC.
2. Only class one bricks, fine and coarse sand, reputed brand of cement bag and TMT steel bars should be used in materials.
3. Only Class-I reputed brand and ISI marked materials would be used in repair work of Electrical works. If material used is not required quality, it will be treated as violation of the contract by contractor.
4. Agency should maintain all statutory records and registers.
5. Agency will be ensure all labour law compliance at contract cost of all labour or concerned worker in respect of the ESI, PF, Bonus and any other statutory compliance.
6. Wages should not be less than the prescribed minimum wages by the Central Govt. Increase in minimum wages of workers will be paid extra accordingly as per Minimum wages Act & corresponding ESI/PF contribution.
7. Agency shall deduct ESI and EPF as required by law in respect of all employees (including wireman as applicable) engaged by it and shall submit supporting records of previous month while submitting bill of current month.
8. Complaints shall be made in the complaint registration form (Annexure-'I') and satisfactory completion of the complaint shall be got signed by the complainant.
9. A complaint register in the format (Annexure-'N') shall be maintained by contractor in which all complaint received shall be documented and which shall be periodically verified by Engineer.
10. All Repair and Maintenance related complaints shall be attended as early as possible but not later than 24 Hrs of the complaint failing which a recovery as deemed fit by engineer shall be made from the subsequent payment certificate of the contractor.
11. The Sewer man shall ensure that all lines are maintained in a clean condition by carrying out preventive cleaning.
12. Formats of Performance Guarantee and Contract Agreement are at Annexure-'M' and Annexure-'L' respectively.
13. As the work will have to be carried out in building and area in use the contractor shall ensure
  - (a) That the normal functioning of Employees' State Insurance Corporation activity is not effected as far as possible.
  - (b) That the work is carried out in an orderly manner without noise and obstruction to flow of traffic.

**(c)** 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.

**(d)** 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.

**(e)** 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 Repair and Maintenance work.

**(f)** When instructed to do so, the contractor shall ensure proper record keeping and storing of irreparable/dismantled material.

**(g)** Water and electricity required for works under contract shall be made available free of cost at nearby source and work and 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.

Sign of Contractor : .....

Date : .....

Place: .....

Regional Director,  
Employees' State Insurance Corporation,  
Ahmedabad

(Instructions read and complied/Terms and Conditions Accepted)  
(Sign and seal of Bidder)

**TECHNICAL GUIDELINE FOR ARM ELECTRICAL & PUMPSET WORKS (Schedule A & B)**

**ARM ELECTRICAL WORKS**

The contractor has to follow the following points strictly during the ARM contract work/ period :

- 1 Maintain the present register of technicians who are working for ARM contract along with consumed electrical materials.
- 2 The execution of point wiring work shall have to be followed as per IE rules and IS specifications.
- 3 The electrical materials to be used in execution of wiring work or in ARM works, shall have to be as per approved make / brand mentioned in the tender agreement. If failed, no payment shall be released against this work.
- 4 The sample of the materials shall have to be approved prior to start of work
- 5 If no make mentioned for any materials in the tender agreement, the materials should be used as per IS specifications or ISI marked only.
- 6 The cable shall be laid on wall or floor or underground manner as directed by in charge engineer as per IE rules.
- 7 The dismantling / old /unused electrical materials during the execution of work shall be handed over to the ESIC store.

**ARM PUMPSET WORKS**

- 1 The rewinding work of pump motor shall be carried out with supper enameled copper winding wire with proper gauge & high quality insulating materials.
- 2 Check the incoming voltage & pump set load regularly to avoid break down of pump set.
- 3 Checks regularly pump motor noise if any during the running conditions.
- 4 Check proper alignment of pump and motor and conditions of bearing.
- 5 Check the NRV valve and foot valve of pump set, if it is working properly or not.



- 6 Check the system voltage from the TPL it is within the required voltage or not. If not pl. inform the in charge engineer for further action.
- 7 Check the suction as well as delivery pipe regarding leakage or corroded, if it will see leakage, tight the nut bolt and solve the leakage and if it will see corroded, pl. replace the pipe immediate after intimate information to in charge engineer.

Signature of contractor

Place/ Date

Regional Director,  
Employees' State Insurance Corporation,  
Ahmedabad

**TECHNICAL GUIDELINE FOR ARM HT VCB, TRANSFORMER & PANELS ETC. (Schedule-C)**

**Item No.1: Servicing & overhauling of Existing HT VCB panel.**

Servicing & overhauling of Existing HT VCB panel with HT breaker and interior spares etc. Complete and put into the smooth and proper working condition. The HT breaker should be servicing through reputed technician only twice in a year i.e. before monsoon and after monsoon.

The scope also includes to reactivation of earthing. If any parts required to replace in VCB shall be replaced by the agency, the required materials shall be provided by department.

**Item No.2:- Filtration of Transformer oil as per Schedule of quantity.**

Filtration of the transformer oil at site, the agency has to arrange the filtration machine at site for filtration of oil & between filtration of oil the sample of oil shall be tested at site & level of the oil in presence of engineer in charge and the same procedure shall be done after filtration of oil. For testing of oil the test kit shall be arranged by the agency. The filtration of oil shall be carried out till the optimum result as per I.E. rules is not achieved. The agency has to give the test certificate of oil as per I.E. rules and submit to Assist, Elect. Inspector office and obtain the NOS as per IE rules.

**Item No. 3:- Supply of Transformer Oil as per Schedule of quantity.**

Supply of the transformer oil for top up the level of the transformers, the Oil shall be having good resistance to high electrical stress, high dielectric strength (above 50kV) low viscosity, low pour point, high flash point and excellent thermal properties for efficient heat transfer cooling as per IS 335-1972. If level of oil is found low in the transformer, the same shall be top up after informing to the engineer in charge of this work.

**Item No. 4:- Measurement of earthing resistance as per Schedule of qnt.**

Measurements of earthing, resistance by using earth tester in presence of Engineer In charge, the earth tester shall be arranged by the agency. The scope also includes clean the all joints, &

tight the same. The agency has to give the test certificate of each earthing as per I.E. rules. The testing shall be done as per I.E. rules.

**Item No.5:- Routine maintenance of transformers as per Schedule of qnts.**

Routine maintenance of transformers at site, the scope considered as under:

- a) To check & tight all the electrical connection both HV & LV side.
- b) To reconditioning of existing silica gel
- c) To check the level of oil and top up the same.
- d) Cleaning of transformer & replacement of nuts, bolts, gasket etc. if required.
- e) To check the insulation, resistance of oil etc.
- f) To check the condition of the silica gel, de moisturized and makes it ready for re use.
- j) Replacement of breathers if required shall be of good quality. The old breathers shall be deposited to In charge Engineer.
- k) Painting to the transformer, the scope to scrap the old paint & apply two coats of primer & then two coats of epoxy paint, painting shall be made by using oil paint spray gun only, the painting by brush is not allowed.

**Item No. 6:- Servicing & Testing of LT ACB as per schedule of qnts.**

Servicing & testing of LT ACB at site. For that the same shall be totally dismantled at site & clean all the parts, check the parts if required to replace the same shall be provided by ESIC and also set all the contacts, relays & test after fitting with all test like O/L, E/F, U/V & S.C etc. as per general test require, the Scope also includes to check the control wiring, replacement of gasket etc. & also overhauling & servicing of mechanism provided in ACB for smooth operation. The LT breaker having 1000Amp. Rating should be servicing through reputed technician & twice in a year i.e. before monsoon and after monsoon.

**Item No. 07:- Servicing of LT cubical panel as per schedule B of quantity**

Maintenance & servicing of cubical panel, the scope incl. to clean the bus bars, remove the nuts bolts and cables connected on bus bars & clean the same & re-fixing the same & also tapping the same by using good quality of PVC insulation tape. The scope also inclusive of total cleaning, tightening and put into functioning and testing on load. For the above work all the

materials, like cleaning agent, cotton waste, spanners etc. shall be arranged by the agency. If the nuts and bolts found rusted and if the same is required to replace the same shall be replaced by the agency. Before starting the work of Panels the size of nuts, bolts washers to be checked and kept ready at site for replacement, if required.

**Item No. 08:- Servicing of APFC Panel as per schedule B of quantity**

Maintenance & servicing of cubical APFC panel, the scope incl. to clean the bus bars, remove the nuts bolts and cables connected on bus bars & clean the same & re-fixing the same & also tapping the same by using good quality of PVC insulation tape. The scope also inclusive of total cleaning, tightening and put into functioning and testing on load. The all the capacitor bank shall be tested before starting of servicing work, if any capacitor should not functioning proper, it should be replaced by agency, the capacitor shall be provided by department. For the above work all the materials, like cleaning agent, cotton waste, spanners etc. shall be arranged by the agency. If the nuts and bolts found rusted and if the same is required to replace the same shall be replaced by the agency. Before starting the work of Panels the size of nuts, bolts washers to be checked and kept ready at site for replacement, if required.

**Item no. 9 :- Liason Work :**

The liaison work with concerned Assistant Electrical Inspector office should be carried out by agency for obtains NOC for HT installation once in a year as per IE rules after testing of earth test, oil test and voltage etc.

The contractor should provide one skilled electrical technician every week for inspecting above all the electrical parameter and report inspection note in writing. If any fault occur, it should be solved within one hrs , if failed beyond one hrs, penalty shall be imposed as proposed / suggested by in charge engineer & same should be recovered from their ARM bill, which pl. note.

Signature of contractor

Regional Director

Place & date

ESIC, Ahmedabad

**TECHNICAL GUIDELINE FOR ARM "ESIC" LETTERS NEON SIGN BOARD (Schedule – D)**

The servicing & repairs work of neon sign board should be carried out from authenticate work shop of similar type neon technician / agency only. The repairing / replacement of neon tube should be prepared through authorized neon sign work shop. The painting work of whole MS / letter box structure shall be carried out once in a year.

The required spares should be used as per IS specification and as approved by in charge engineer.

The scope of ARM work covered as below:

**Routine**

- 1 Check and clean Neon tube , HT transformer, electrical circuits, timer & operating switch etc and replace defective parts, if any, immediately to keep the system in working condition at all items
- 2 Inspect the system every day at late night regarding working of system.
- 3 Check the incoming voltage of system.

**Weekly**

- 1 Check the Automatic working of the neon system.

The inspection report shall be submitted to Engineer in charge.

**Monthly**

- 1 Check the Automatic operation of the system.
- 2 Record voltage & amps in register
- 3 Check /inspect all the electrical spares & internal circuit etc. and report to in charge engineer.

The contractor should inspect above all the electrical parameter regularly and report inspection note in writing once in a month. If any fault occur, it should be solved within 12 hrs , if failed beyond time limit , penalty shall be imposed as proposed / suggested by in charge engineer & same should be recovered from their ARM bill, which pl. note.

**TECHNICAL GUIDELINE FOR ARM FIRE FIGHTING SYSTEM (Scheule – E)**

Scope of work for hydrant servicing, wet riser system.

**Routine**

- (1) Check and clean hydrant valves, hose reels, etc and replacing defective parts, if any, immediately to keep the system in working condition at all items
- (2) Inspect the system for any leakage with special attention to fittings, valves, pipelines air valves and set them right
- (3) Check the level of the water in the static water tank for firefighting purpose.

**Weekly**

- (1) Check the Automatic working of the firefighting pump set.
- (2) Check the gland packing
- (3) Check the level of water in the priming tank and replace it, if required.

The inspection report shall be submitted to Engineer in charge.

**Monthly**

- (1) Check the Automatic operation of the hydrant system
- (2) Operation all the hydrant valves and checks washers, lugs, couplings, nozzles etc.
- (3) Check valves gland packing and adjust / replace if required, Washers, lugs and canvas jacket and swivel arrangement of the Rubber hose reels.

The inspection report shall be submitted to Engineer in charge.

**Quarterly**

- (1) Drain the wet riser system thoroughly; Set it to the required pressure check the valves for efficient functioning. Check the contact areas of pressures switches.
- (2) Charge the dry riser system using both the external sources of water supply. Check for any leakages. Test the automatic air valves. Drain the entire dry riser system by opening the drain valves and keep the system dry and clean.
- (3) Unroll the hose reels completely. Allow the water to pass through the rubber tubing / canvas hoses. Check for leakage wash and dry them not in direct sunrays. Reroll the hose reels properly. French chalk powder to the rubber tubing shall be applied before re-rolling.

The inspection report shall be submitted to Engineer in charge.

**HALF YEARLY**

- (1) Check all contact and termination points of cables on starter and switches and motor side. Tighten all loose connections.
- (2) Check and ensure that all fuses are in good condition and contact surface are free from pitting.
- (3) Merger the electrical system for effective insulation resistance.
- (4) Check current drawn by motor to ensure that it is not beyond the rated value.
- (5) Check earthing system for its effectiveness.
- (6) Service suction pipe. Intakes and fool- valves to ensure that they are free from obstruction, foreign materials etc.

The inspection report shall be submitted to Engineer in charge.

**Conditions for refilling of fire extinguisher**

The agency has to quote the rates for refilling the fire extinguishers. The agency has to do the servicing of fire extinguisher as and when required. But when the maintenance contract shall start he has to check the entire extinguisher for their functioning.

During the maintenance if any part is essential for replacement for which Extra payment only for material shall be given as per the market rate at the time of occurrence which shall be binding to the agency. Also agency has to comply the entire objection if raise by fire officer AMC immediately and nothing extra payment shall be paid on this account. Required NOC from fire officer also provided by agency as per rules of fire system. Necessary fees for getting NOC from fire officer if any shall be paid by department.

All the rates shall be including all taxes and nothing shall be paid extra on this account.

It is also strictly noted that the fire fighting ARM work shall be carried through authorized license holder / person of similar works experts only and the demo of working of fire fighting system should be arranged once in a year or as directed by in charge engineer. The painting of pipes, valves, reels and allied spares of fire system shall be carry out once in a two years span.

Signature of contractor

Regional Director

Place & date

ESIC, Ahmedabad.

## Annexure - L

### 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, Ashram Road, Ahmedabad – 380014 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 | Special conditions of contract and other technical conditions | Annexure 'G,H,I,J,K' |
| 7 | Format of Contract Agreement                                  | Annexure 'L'         |
| 8 | 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,

(Instructions read and complied/Terms and Conditions Accepted)  
(Sign and seal of Bidder)



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 Ahmedabad

Regional Director,  
Employees' State Insurance Corporation,  
Ahmedabad.

(Instructions read and complied/Terms and Conditions Accepted)  
(Sign and seal of Bidder)

**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

(Instructions read and complied/Terms and Conditions Accepted)  
(Sign and seal of Bidder)

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)

**COMPLAINT REGISTRATION FORM**

| <b>Sr. No.</b> | <b>Particulars</b>   | <b>Details</b> |
|----------------|--|----------------|
| 1              | Date and Time of registering Complaint   |                |
| 2              | Docket Number :( To be given by contractor to complainant)   |                |
| 3              | Name/Designation and Address of Complainant  |                |
| 4              | Signature of Complainant   |                |
| 5              | Nature of Complaint (Estimated Details of work to be done and material to be used may be provided by the complainant ) |                |
| 6              | Name, Designation and signature of the person attending complaint on behalf of contractor                              |                |
| 7              | Date and time of attending complaint (to be filled by complainant)   |                |
| 8              | Signature of Complainant after completion of work  |                |

It is Certified that the complaint has been satisfactorily attended and the materials utilized, along with specification and quantity, are as under:

Signature of Contractor or his representative

Signature of A.E./ J.E (Elect.)

Date:

(To be submitted along with running bills)

**Annexure - O**

**REPAIR AND MAINTENANCE COMPLAINT REGISTER**

| <b>Sr.NO./Docket Number</b> | <b>Date &amp; Time of receipt of complaint</b> | <b>Detail of Complaint</b> | <b>Nature of Complaint</b> | <b>Complaint attended Date &amp; Time</b> | <b>Remarks</b> | <b>Signature of Contractor</b> |
|-----------------------------|--|----------------------------|----------------------------|---|----------------|--------------------------------|
|                             |  |                            |                            |   |                |                                |

Signature of contractor

Place & date

Regional Director

ESIC, Ahmedabad.

(Instructions read and complied/Terms and Conditions Accepted)  
(Sign and seal of Bidder)

**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<br>(Proprietorship/ Partnership / Pvt. Ltd/Ltd.)   |  |
| BANK ACCOUNT NUMBER WITH BANK NAME AND ADDRESS   |  |

**2. STATUTORY AND OTHER REQUIREMENTS:**

| <b>Particulars</b>   | <b><u>Registration Number</u></b> | <b><u>Copy Enclosed (Yes/No)</u></b> |
|--|-----------------------------------|--------------------------------------|
| Certificate of Incorporation/<br>Registration of Firm  |                                   |                                      |
| Registration details as Electrical contractor with C.P.W.D.s /State P.W.D.s./M.E.S./Railways/BSNL Electrical wing or any other government body (along with year of registration) |                                   |                                      |
| ESI Registration with Latest Challan   |                                   |                                      |
| EPF Registration with Latest Challan   |                                   |                                      |

(Instructions read and complied/Terms and Conditions Accepted)  
(Sign and seal of Bidder)

|  |  |  |
|--|--|--|
|  |  |  |
| Service Tax Registration with Latest Challan             |  |  |
| Sales Tax/ TIN/ VAT Registration                         |  |  |
| PAN No. under Income Tax Act                             |  |  |
| Professional Tax Registration                            |  |  |
| Labour (Central) Registration Certificate, if applicable |  |  |

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

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

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

| <b>Financial Year</b> | <b>Copy Enclosed (Yes/No)</b> | <b>Income (Rs.)</b> | <b>Expenditure (Rs.)</b> | <b>Net Profit/ Loss (Rs.)</b> |
|-----------------------|-------------------------------|---------------------|--------------------------|-------------------------------|
| 2013-14               |                               |                     |                          |                               |
| 2014-15               |                               |                     |                          |                               |
| 2015-16               |                               |                     |                          |                               |

**5. Copies of Income Tax Return for Financial year 2013-14, 2014-15 and 2015-16 :**

| <b>Financial Year</b> | <b>Income Tax Return Enclosed (Yes/No)</b> |
|-----------------------|--|
| 2013-14               |  |
| 2014-15               |  |
| 2015-16               |  |

Sign of Contractor: .....

Date : .....

Place: .....

(Instructions read and complied/Terms and Conditions Accepted)  
(Sign and seal of Bidder)



**EXPERIENCE OF COMPANY**

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

|          |  |  |
|----------|--|--|
| <b>1</b> | <b><i>Project title &amp; Location :</i></b>   |  |
| 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: .....

(Instructions read and complied/Terms and Conditions Accepted)  
(Sign and seal of Bidder)

**MANPOWER DEPLOYMENT SCHEDULE**

(A) The following manpower is to be deployed in daily shifts as mentioned shifts as mentioned against each:

| S.N. | Category | Nos.  | Deployment for | Shift details       | Remarks |
|------|----------|-------|----------------|---------------------|---------|
| 1    | Wireman  | Three | Full month     | 10.00 to 18.00 hrs. |         |

Note: Only licensed category of workers shall be deployed. Preferably the other skilled worker deployed shall also be licensed. License or other certificates of technical qualification to be enclosed.

(B) All the above staff of the contract shall wear uniform and badges indentifying their category and name in English and local language.

(A) In case of emergency/ urgency, manpower may be called beyond the given scheduled time and days.

Signature of contractor

Regional Director

Place & date

ESIC, Ahmedabad.

(Instructions read and complied/Terms and Conditions Accepted)  
(Sign and seal of Bidder)

**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. There is to declare and certify that the neither myself nor my firm has ever been blacklisted by any Govt./Semi Govt./Public/Private Institution.
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: \_\_\_\_\_.

## ABSTRACT

Name of work : Annual Repairs and Maintenance of Electrical , Pumping machineries, HT sub station, Neon sign & Fire fighting system of various RO buildings of ESIC, A;bad.

| Sr.No | Particulars   | Total amounts. |
|-------|---|----------------|
| 1     | Total of Schedule - A (part I to III)- ARM Electrical works.                |                |
| 2     | Total of Schedule - B - ARM Pumping machineries.                            |                |
| 3     | Total of Schedule - C - HT Sub station VCB, Transformer & otherr LT panels. |                |
| 4     | Total of Schedule - D - ARM "ESIC" Neon sign board.                         |                |
| 5     | Total of Schedule - E - ARM fire fighting system                            |                |

Grand total Rs.

(Ruupess.....)

Signature of contractor  
Date & place

Regional Director  
ESIC,RO,A'bad.

## SCHEDULE - A

### PART - I

#### ARM ELECTRICAL WORKS

Name of work : Annual Repairs and Maintenance works (Elect.) A'bad for the various building of ESIC at RO, A;bad.

| SR.No | Description of Items   | Qty   | Unit  | Rate per /month / person | Nos of technician/ person | Amount per month for technician | Total amont per annum |
|-------|--|-------|-------|--------------------------|---------------------------|---------------------------------|-----------------------|
| 1     | Maintaining the ESIC various buildings as per the bid documents and attending to repirs and maintenace of <b>ELECTRICAL</b> work with the maintenance staff with all required helpers, tools and plants as per the <b>Manpower</b> deployment schedule mentioned in format - A | 12.00 | Month |                          | 3.00                      |                                 |                       |

Net total amount for part - I

(Rupees.....)

**Signature of contractor**

Date & place

**Regional Director**

ESIC, RO, Ahmedabad

## SCHEDULE - A

### PART - II

#### Measurable Item rate Quantity

Name of Work: Providing Annual Repairs and Maintenance Electrical works.

| Sr. No | Item  | Unit  | Qty. | Rate | Total amount |
|--------|---|-------|------|------|--------------|
| 1      | Wiring for <b>light point /Fan Point/exhaust Fan point/ call bell point</b> with 1.5 sq.mm FRLS insulated copper conductor single core cable in surface / recessed medium class PVC conduit with <b>PIANO type</b> switch phenolic laminated sheet suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. |       |      |      |              |
|        | (A) Group - B   | Point | 50   |      |              |
|        | (B) Group - C   | Point | 20   |      |              |
| 2      | Wiring for <b>twin control light point</b> with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface /recessed medium class PVC conduit 2 way <b>PIANO type switch</b> phenolic laminated sheet suitable size MS box and earthing the point with 1.5 sq.mm PRLS PVC insulated copper conductor single core cable etc. as required.                              | Point | 5    |      |              |
| 3      | Wiring for <b>LIGHT POINT / Fan point / exhaust fan point / call bell point</b> with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit with <b>MODULAR</b> 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.            |       |      |      |              |
|        | a) Group B  | Point | 25   |      |              |
|        | b) Group - C  | Point | 20   |      |              |

|   |  |       |     |  |  |
|---|--|-------|-----|--|--|
| 4 | 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 | 5   |  |  |
| 5 | Wiring for <b>CIRCUIT / SUBMAIN</b> wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit as required.   |       |     |  |  |
|   | a) 2 x 1.5 sq.mm + 1x1.5 sq.mm earth wire.   | RMT   | 200 |  |  |
|   | b) 2 x 2.5 sq.mm + 1x1.5 sq.mm earth wire.   | RMT   | 150 |  |  |
|   | c) 2 x 4 sq.mm + 1x4 sq.mm earth wire.   | RMT   | 75  |  |  |
|   | d) 2 x 6 sq.mm + 1x 6 sq.mm earth wire.  | RMT   | 50  |  |  |
|   | e) 4 x 6 sq.mm + 2x 6 sq.mm earth wire.  | RMT   | 25  |  |  |
|   | f) 4 x 16 sq.mm + 2 x 16 sq.mm earth wire.   | RMT   | 10  |  |  |
| 6 | Supplying and fixing of following sizes of medium class <b>PVC CONDUIT</b> along with accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required.   |       |     |  |  |
|   | a) 20 mm dia.  | RMT   | 50  |  |  |
|   | b) 25 mm dia.  | RMT   | 25  |  |  |
| 7 | Supplying & fixing following <b>PIANO</b> type switch / socket on the existing switch box / cover including connections etc. As required.  |       |     |  |  |
|   | a) 5 / 6 amps. Switch  | each  | 25  |  |  |
|   | b) 3 pin 5 / 6 amp. Socket outlet  | each  | 25  |  |  |
| 8 | Supplying & fixing following <b>MODULAR</b> type switch / socket on the existing modular plate & switch box / cover including connections but excluding modular plate etc. As required.  |       |     |  |  |
|   | a) 5 / 6 amps. Switch  | each  | 25  |  |  |

|    |   |      |    |  |  |
|----|---|------|----|--|--|
|    | b) 3 pin 5 / 6 amp. Socket outlet   | each | 25 |  |  |
| 9  | Supplying & fixing stepped type electronics <b>FAN REGULATOR</b> on the existing modular plate switch box including connections but excluding modular plate etc. as required.   | each | 25 |  |  |
| 10 | Supplying & fixing <b>MODULAR BLANKING</b> plate on the existing modular plate & switch box excluding modular plate as required.  | each | 10 |  |  |
| 11 | Supplying & fixing <b>METAL BOX</b> of 150xmmx75mmx60mm deep (nominal size) on surface or in recess with suitable size of phenolic lamination sheet cover in front including providing and fixing 3 pin 5/6 amps. Socket outlet and 5/6 amps piano type switch connection,painting etc. as required.            | each | 10 |  |  |
| 12 | Supplying & fixing <b>METAL BOX</b> of 180xmmx100mmx60mm deep (nominal size) on surface or in recess with suitable size of phenolic lamination sheet cover in front including providing and fixing 3 pin 5/6 & 15/16 amps. Socket outlet and 15/16 amps piano type switch connection,painting etc. as required. | each | 10 |  |  |
| 13 | Supplying & fixing suitable size <b>GI box</b> 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 connections etc. as required.  | each | 10 |  |  |
| 14 | Supplying & fixing suitable size <b>GI box</b> with modular plate and cover in front on surface or in recess , including providing and fixing 3 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch connections etc. as required.  | each | 10 |  |  |



|    |   |      |    |  |  |
|----|---|------|----|--|--|
| 15 | Supplying & fixing of 3 pin 5 amp <b>CEILING ROSE</b> on the existing junction box / wooden block including connection etc as required.   | each | 25 |  |  |
| 16 | Supplying & fixing brass batten / <b>angle holder</b> including connection etc. as required.  | each | 30 |  |  |
| 17 | Supplying & fixing <b>Call Bell / Buzzer</b> suitable for single phase , 230 V complete as required.  | each | 15 |  |  |
| 18 | <b>Installation, testing</b> and commissioning of pre wired <b>fluorescent fitting</b> / compact fluorescent fitting of all types, complete with all accessories and tube 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.PVC insulated | each | 25 |  |  |
| 19 | <b>Installation , testing</b> and commissioning of <b>CEILING FAN</b> including wiring the down rods of standard length ( up to 30 Cm) with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.   | each | 25 |  |  |
| 20 | Supplying & fixing following way single pole and neutral sheet steel <b>MCB DISTRIBUTION BOARD</b> 240V on surface / recess complete with tinned copper bus bar neutral bus bar , earth bar, din bar, inter connections, powder coated including earthing etc. as required ( But without MVB/RCCB/Isolator)                                     |      |    |  |  |
|    | a) 2+4 way / 6 way double door  | each | 5  |  |  |
|    | b) 2+6 way / 8 way double door  | each | 3  |  |  |
|    | c) 2+8 way /10 way double door  | each | 3  |  |  |
|    | d) 2+12 way / 14 way double door  | each | 3  |  |  |

|    |   |      |    |  |  |
|----|---|------|----|--|--|
| 21 | Supplying & fixing of following ways horizontal type three pole and neutral sheet stweel <b>MCB DISTRIBUTION BOARD</b> 415V, on surface / recess compalte with tinned copper bus bar, neutral bus bar. Earth bar, din bar ,interconnections ,powder coated including earthing etc. as required.(But without MCB/RCCB)/Isolator) |      |    |  |  |
|    | a) 4 way (4+12) double door   | each | 3  |  |  |
|    | b) 6 way (4+18) double door   | each | 3  |  |  |
|    | c) 8 way (4+24) double door   | each | 2  |  |  |
| 22 | Supplying & fixing 5 amps to 32 amps rating 240/415 volts "C" curve miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB compete with connections testing and commissioning etc. as required.  |      |    |  |  |
|    | a) Single pole  | each | 50 |  |  |
|    | b) Single pole with neutral   | each | 10 |  |  |
|    | c) Double pole  | each | 8  |  |  |
|    | d) Triple pole  | each | 8  |  |  |
|    | e) Triple pole with neutral   | each | 5  |  |  |
| 23 | Supplying & fixing single <b>POLE BLANKING</b> plate in the existing MCB DB compete etc. as required.   | each | 25 |  |  |
| 24 | Supplying & fixing following rating double pole ( single phase and neutral) 240V, residual current circuit breaker ( <b>RCCB</b> ) having a sensitivity current up to 300 miliamps in the existing MCB DB complete with connectuions, testing and commissioning etc. as required.   |      |    |  |  |
|    | a) 25 amps  | each | 8  |  |  |
|    | b) 40 amps  | each | 5  |  |  |
|    | c) 63 amps  | each | 5  |  |  |
| 25 | Supplying & fixing following rating four pole ( three phase and neutral) 415V, residual current circuit breaker ( <b>RCCB</b> ) having a sensitivity current up to 300 miliamps in the existing MCB DB complete with connectuions, testing and commissioning etc. as required.  |      |    |  |  |

|    |  |      |     |  |  |
|----|--|------|-----|--|--|
|    | a) 25 amps   | each | 3   |  |  |
|    | b) 40 amps   | each | 3   |  |  |
|    | c) 63 amps   | each | 3   |  |  |
| 26 | Supplying & fixing DP sheet steel enclosure on surface / ecess along with 25/32 amps 240V "C" cure DP MCB complete with connections testing & commissioning etc. as required.  | each | 5   |  |  |
| 27 | Supplying & fixing TP sheet steel enclosure on surface / recess along with 16/25/32 amps 415 volts, "C" curve TP MCB complete with connections , testing and commissioning etc. as required.   | each | 5   |  |  |
| 28 | Earthing with <b>COPPER EARTH PLATE</b> 600mm x 600mm x 3 mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal / coke and salt as required. | each | 5   |  |  |
| 29 | Providing & fixing 25 mm x 5 mm thick <b>COPPER STRIP</b> on surface or on in recess for connections etc. as required.   | RMT  | 10  |  |  |
| 30 | Supplying & fixing <b>6 SWG dia. GI wire</b> on surface or in recess for loop earthing as required.  | RMT  | 100 |  |  |
| 31 | Supplying & making <b>END TERMINATION</b> with brass compression gland and alluminium lugs for following size of PVC insulated and PVC sheathed /XLPE aluminium conductor of 1.1 KV grade as required.   |      |     |  |  |
|    | a) 4 core x 16 sq.mm   | each | 10  |  |  |
|    | b) 3.5 core x 25 sq.mm   | each | 10  |  |  |
|    | c) 3.5 core x 35 sq.mm   | each | 10  |  |  |
|    | d) 3.5 core x 70 sq.mm   | each | 10  |  |  |
| 32 | Supplying and making <b>STRAIGHT JOINT</b> with cast resin compound including ferrules and other jointing materails for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable for 1.1 KV grade as required.                  |      |     |  |  |
|    | a) 4 core x 16 sq.mm   | each | 5   |  |  |
|    | b) 3.5 core x 25 sq.mm   | each | 5   |  |  |
|    | c) 3.5 core x 35 sq.mm   | each | 5   |  |  |

|    |  |      |     |  |  |
|----|--|------|-----|--|--|
|    | d) 3.5 core x 70 sq.mm   | each | 2   |  |  |
|    | e) 3.5 core x 120 sq.mm  | each | 2   |  |  |
| 33 | Providing and erecting XLPE(IS:7098)(I)-88 ISI <b>armoured cable</b> multistrand Aluminium conductor for 1.1 KV. to be laid on wall / existing cable tray / under ground manner as required with necessary clamps or in existing trench / pipe of following size of cables Make : Avocab / Polycab / Finolex /Havells.   |      |     |  |  |
|    | a) 4 core x 6 sq.mm  | RMT  | 75  |  |  |
|    | b) 3 1/2 core 25 Sq. mm  | RMT  | 25  |  |  |
|    | c) 3 1/2 core 35 Sq. mm  | RMT  | 10  |  |  |
| 34 | Making the <b>cable trench</b> in soft suitable width of 0.7 mtr deep for laying of LT cable and refilling the same with screened sand bed of 20 cm thick to embed the cable & bricks placed on both sides lengthwise and top wise all over the run and backfilling the excavated earth without stone or hard materials. | RMT  | 100 |  |  |
| 35 | Supplying and fixing of <b>Anchor fastener</b> with necessary nut bolt etc. for ceiling fan.   | each | 25  |  |  |
| 36 | Providing and erecting Approved make <b>Ceiling fan</b> with double ball bearing ISI mark with condenser A.C. 230V.50 c/s.1200 mm. sweep complete, canopy and 30 cms. down rod erected on existing hook or clamp with 24/0.2 , 3 core flexible wire with earthing. [Make shall be approved by Engineer in charge]        | each | 20  |  |  |
| 37 | Supplying & erecting single phase approved make medium duty <b>exhaust fan</b> suitable for medium duty ring mounted low noise operation suitable for medium duty having following dia size and maximum speed in RPM   |      |     |  |  |
|    | a) 305 mm dia 900 RPM  | each | 5   |  |  |

|    |   |       |     |  |  |
|----|---|-------|-----|--|--|
| 38 | Supplying and erecting approved make of tube fitting with One no <b>T-5 tube</b> 24 / 28 W with Electronic ballast with each tube separately THD less than 10 & built in adaptors, GI / PVC housing & mirror optic reflector, suitable to work on 120V - 300V, A.C. supply with connector and adapter if required. [Make of fitting & tube may be differ& fitting shall be providing with tube] | each  | 25  |  |  |
| 39 | Providing Approved make <b>Triple Pole Metal Clad Switch</b> Fuse Unit 415 / 500 V. with HRC fuse of suitable load and neutral link confirming to IS.   |       |     |  |  |
|    | a) 125 A rating   | each  | 4   |  |  |
|    | b) 200A rating  | each  | 1   |  |  |
| 40 | <b>DISMENTALING /REMOVAL</b> of old wiring of light / ceiling fan point / exhaust fan point / call bell point/ plug poin with pVC pipe, wire and all the related fixed accessories and old materials to be handed over to incharge.   | point | 75  |  |  |
| 41 | Cat-5 2 pairs telephone cable. Make - Finolex /Delton Legrand.  | Mtr   | 100 |  |  |
| 42 | Cat-5 - 4 pairs telephone cable. Make - Finolex /Delton Legrand.  | Mtr   | 100 |  |  |
| 43 | Cat-5 - 10 pairs telephone cable. Make - Finolex /Delton Legrand.   | Mtr   | 100 |  |  |
| 44 | Cat-5 - 20 pairs telephone cable. Make - Finolex / Delton / Legrand.  | Mtr   | 50  |  |  |

**Total amount of Part - II**

(Rupees.....)

Signature of Contractor  
Place  
Date

Regional Directro  
ESIC, RO,A'bad.

**SCHEDULE - A****Part - III****(III) Item of Materials Supplied for Use by Labour in Format - (I)**

| <b>Sr. No.</b> | <b>Item</b>  | <b>Qty.</b> | <b>Unit</b> | <b>Rate/per each</b> | <b>Amount</b> |
|----------------|--|-------------|-------------|----------------------|---------------|
| 1              | S.P. 5/6 amps, one way modular switch.   | 70          | Each        |                      |               |
| 2              | S.P. 5/6 amps, two way modular switch.   | 5           | Each        |                      |               |
| 3              | S.P. 15/16 amps, one way modular switch.   | 15          | Each        |                      |               |
| 4              | 3pin 5/6 amps modular socket outlet  | 25          | Each        |                      |               |
| 5              | 6pin 15/16 amps modular socket outlet  | 15          | Each        |                      |               |
| 6              | Modular bell push  | 15          | Each        |                      |               |
| 7              | S.P. 5/6 amps, one way switch, piano type  | 150         | Each        |                      |               |
| 8              | S.P. 5/6 amps, two way switch, piano type  | 10          | Each        |                      |               |
| 9              | S.P. 15/16 amps, one way switch piano type   | 10          | Each        |                      |               |
| 10             | 3pin 5/6 amps socket outlet, piano type  | 40          | Each        |                      |               |
| 11             | 3pin 15/16 amps socket outlet, piano type  | 10          | Each        |                      |               |
| 12             | Bell push, piano type  | 15          | Each        |                      |               |
| 13             | T.V. Socket outlet type modular type   | 5           | Each        |                      |               |
| 14             | Telephone socket outlet modular type   | 5           | Each        |                      |               |
| 15             | Stepped type Electronics Fan regulator Modular type.                                   | 20          | Each        |                      |               |
| 16             | Heavy Duty pendant holder  | 10          | Each        |                      |               |
| 17             | Heavy Duty batten/ angle holder  | 40          | Each        |                      |               |
| 18             | Heavy Duty bracket holder 16 mm ISI approved   | 10          | Each        |                      |               |
| 19             | P.V.C. pipe 20mm   | 100         | RMT         |                      |               |
| 20             | P.V.C. elbow 20mm  | 10          | Each        |                      |               |
| 21             | 20mm One way junction  | 5           | Each        |                      |               |
| 22             | 20mm two way junction  | 5           | Each        |                      |               |
| 23             | 20 mm dia. Iron stapless screw saddle  | 500         | Each        |                      |               |
| 24             | Copper Flexible wire 32/20 size  | 300         | RMT         |                      |               |
| 25             | ISI marked FRLS P.V.C. Insulated single core copper conductor cable for following size |             |             |                      |               |
|                | a) 1.50 sq mm  | 1500        | RMT         |                      |               |
|                | b) 2.50 sq mm  | 700         | RMT         |                      |               |
|                | c) 4 sq mm   | 300         | RMT         |                      |               |

|    |  |     |      |  |  |
|----|--|-----|------|--|--|
|    | d) 6 sq.mm   | 200 | RMT  |  |  |
| 26 | Ceiling rose. ISI approved.  | 10  | Each |  |  |
| 27 | 6 amps. To 32 amps rating SP MCB "C" curve 10 KA breaking capacity.  | 60  | Each |  |  |
| 28 | 6 amps. To 32 amps rating DP MCB "C" curve 10 KA breaking capacity.  | 20  | Each |  |  |
| 29 | 6 amps. To 32 amps rating , TP MCB "C" curve 10 KA breaking capacity.  | 5   | Each |  |  |
| 30 | 6 amps. To 32 amps rating , TPN MCB "C" curve 10 KA breaking capacity.   | 5   | Each |  |  |
| 31 | 40 Amps. Two pole Isolator   | 5   | Each |  |  |
| 32 | 63 Amps. Two pole Isolator   | 5   | Each |  |  |
| 33 | 100 Amps. four pole Isolator   | 3   | Each |  |  |
| 34 | <b>S.P. - M.C.B. – D.B.</b>  |     |      |  |  |
|    | Single pole and neutral, sheet steel, MCB distribution board, 240 volts, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required. ( But without MCB / RCCB / Isolator) |     |      |  |  |
|    | a) 2 + 2 way single door   | 10  | Each |  |  |
|    | b) 2 + 4 way single door   | 10  | Each |  |  |
|    | c) 2 + 6 way single door   | 10  | Each |  |  |
|    | d) 2+10 way single door  | 10  | Each |  |  |
| 35 | <b>TPN MCB DB:</b>   |     |      |  |  |
|    | Three pole and neutral, sheet steel, MCB distribution board, 415 volts, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required. ( But without MCB/RCCB/Isolator)      |     |      |  |  |
|    | (a) 4 way (4+12) double door, horizontal type  | 2   | Each |  |  |
| 36 | Sheet steel DP MCB enclosure   | 5   | Each |  |  |
| 37 | Sheet steel TP MCB enclosure   | 5   | Each |  |  |
| 38 | Modular base and cover plate for 1 Module  | 5   | Each |  |  |
| 39 | Modular base and cover plate for 2 Module  | 5   | Each |  |  |
| 40 | Modular base and cover plate for 3 Module  | 5   | Each |  |  |
| 41 | Modular base and cover plate for 4 Module  | 5   | Each |  |  |

|    |   |     |      |  |  |
|----|---|-----|------|--|--|
| 42 | Modular base and cover plate for 6 Module   | 5   | Each |  |  |
| 43 | Modular base and cover plate for 8 Module   | 5   | Each |  |  |
| 44 | Modular base and cover plate for 12 Module  | 5   | Each |  |  |
| 45 | Modular Banking plate   | 5   | Each |  |  |
| 46 | 5/6 Amps three pin top I.S.I.   | 15  | Each |  |  |
| 47 | 15/16 Amps three pin top  | 10  | Each |  |  |
| 48 | 15Amp. Combined S/S ISI approved  | 10  | Each |  |  |
| 49 | Stepped type Electronics Fan regulator Piano type.  | 25  | Each |  |  |
| 50 | Supply of surface type Dimmer fan controller (Regulator)  | 5   | Each |  |  |
| 51 | Outdoor 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 out tube. Make : Havells/Philips/Bajaj / Crompton. | 15  | Each |  |  |
| 52 | Tube light starter 40W. ISI marked.   | 200 | Each |  |  |
| 53 | 40Watts heavy duty polister base copper choke Make - Philips, Crompton, Bajaj.  | 100 | Each |  |  |
| 54 | Rotary holder for tube light.   | 50  | Each |  |  |
| 55 | Single 40 watts patti type tube fitting with heavy duty copper choke without tube .   | 50  | Each |  |  |
| 56 | P.V.C. insulation tape roll   | 100 | Each |  |  |
| 57 | P.V.C. Tee 20mm   | 10  | Each |  |  |
| 58 | 20mm ia. 3 to 4 way junction  | 5   | Each |  |  |
| 59 | Wooden switch board covered with sun-mica sheet for following sizes.  |     |      |  |  |
|    | a) 2S board   | 10  | Each |  |  |
|    | b) 2S+1 P board   | 10  | Each |  |  |
|    | c) 3S + 1P board  | 10  | Each |  |  |
|    | d) 4S + 1p board  | 10  | Each |  |  |
|    | e) 5S + 1p board  | 10  | Each |  |  |
| 60 | PVC gang box  |     |      |  |  |
|    | a) One way  | 10  | Each |  |  |
|    | b) Two way  | 10  | Each |  |  |
|    | c) three way  | 10  | Each |  |  |
|    | d) 1S + 1P  | 10  | Each |  |  |
|    | c) 2S +2p   | 10  | Each |  |  |
| 61 | Supply of ISI approved bakelite 32A switch.   | 10  | Each |  |  |
| 62 | Ding dong bell Standard brand.  | 40  | Each |  |  |
| 63 | Fan capacitor suitable for following rating.  |     | Each |  |  |



|    |   |     |      |  |  |
|----|---|-----|------|--|--|
|    | a) 2.50 M.F.D.  | 50  | Each |  |  |
|    | b) 3.15 M.F.D.  | 50  | Each |  |  |
| 64 | Supply of Capacitor bank consisting of 5 / 10 KVAR MPP self type of standard approved make for our APFC panel board as and when required.   | 25  | Each |  |  |
| 65 | supply of following sizes <b>Screws</b>   |     |      |  |  |
|    | a) 25 x 8 mm  | 5   | Pkt  |  |  |
|    | b) 35 x 8 mm  | 5   | Pkt  |  |  |
|    | c) 60 x 8 mm.   | 5   | Pkt  |  |  |
| 66 | Roll plug   | 20  | Pkt  |  |  |
| 67 | Tube light stick 36 / 40 W .ISI approved.   | 150 | Each |  |  |
| 68 | Supply of CFL 8 W. Make - Philips/crompton/Bajaj./Havelles  | 20  | Each |  |  |
| 69 | Supply of CFL 18 W. Make - Philips/crompton/Bajaj./Havelles   | 20  | Each |  |  |
| 70 | Supply of CFL 9 W pin type Make - Philips/crompton/Bajaj/Havelles.  | 20  | Each |  |  |
| 71 | Supply of CFL 18 W pin type Make - Philips/crompton/Bajaj/Havelles  | 25  | Each |  |  |
| 72 | Supply of following accessories suitable for 70 Watt HPSV st. light fitting. Make Bajaj/crompton/Philips/Havelles   |     |      |  |  |
|    | a) 70 W HPSV lamp   | 5   | Each |  |  |
|    | b) Choke suitable for 70 W HPSV fitting   | 5   | Each |  |  |
|    | c) Base holder suitable for 70 W HPSV fitting   | 10  | Each |  |  |
|    | d) Ignitor suitable for 70 W HPSV fitting   | 10  | Each |  |  |
| 73 | T-5 tube light patti without tube of ISI approved brand.  | 25  | Each |  |  |
| 74 | Supply of T-5 tube suitable for uro strip patti.24 / 28 W   | 15  | Each |  |  |
| 75 | Supply of Electronics Ballast suitable for T-5 1 x 28W FTL  | 15  | Each |  |  |
| 76 | Supply of street light breaket comprising 1" dia. GI pipe having 1 mtr length with 45 degree angular with necessary clamp and nut boit with red oxide and paining work etc. complete. | 10  | Each |  |  |
| 77 | Supply of ceiling fan rod with red oxide and paining work for following lenght  |     |      |  |  |
|    | a) 30 cms length.   | 5   | Each |  |  |
|    | b) 60 cms length.   | 5   | Each |  |  |
|    | c) 90 cms length.   | 5   | Each |  |  |

|    |  |    |      |  |  |
|----|--|----|------|--|--|
| 78 | Supply of adoptor  | 5  | Each |  |  |
| 79 | Halogen tube suitable for following capacity.  |    |      |  |  |
|    | a) 500 W rating  | 5  | Each |  |  |
|    | b)1000 W rating  | 5  | Each |  |  |
| 80 | Supplying of approved make SMC press moulded composite FRP. loop-in, loop-out approx. 2mm thick box complete with bakelite connector strip 4way & hinged doors having locking arrangements with mounting clamp with nuts, bolts & washers suitable for erection on pole with cable clamps & earth bolt of following size of box. |    |      |  |  |
|    | a) 170mm x 170mm x 105mm [deep]  | 5  | Each |  |  |
|    | (b) 230mm x170mm x 105mm [deep]  | 5  | Each |  |  |
|    | c ) 280mm x 170mm x 130mm [deep]   | 5  | Each |  |  |
| 81 | <b>Rewinding</b> of Any <b>fan</b> by using supper enamelled copper wire and over hauling and putting in working order with original speed with guarantee for one year including credit of D.M. retained by Agency.  | 30 | Each |  |  |
| 82 | Replacing the <b>bearing / bushing</b> of Ceiling fan and putting the fan in working order including credit of D.M. retained by Agency.  |    |      |  |  |
|    | (a) Bearing - SKF or equivalent brand.   | 5  | Each |  |  |
|    | (b) Bushing  | 5  | Each |  |  |
| 83 | <b>Removing</b> the installed Ceiling fan / Exhaust Fan for servicing / repairing from ceiling and reinstalling the same after making in working condition.  | 30 | Each |  |  |
| 84 | <b>Servicing</b> the un - installed ceiling fan with washing & throughing blades, canopies, making dry , checking all nut bolts, replacing quarter pin & oiling / greasing and testing complete.job.   | 15 | Each |  |  |

**Total of part - III Rs.**

**(Rupees.....)**

**Abstact of Schedule - A**

| <b>Sr.No.</b> | <b>Item description</b>  | <b>Amounts.</b> |  |
|---------------|--------------------------|-----------------|--|
| 1             | Total of part - I Rs.    |                 |  |
| 2             | Total of part - II - Rs. |                 |  |
| 3             | Total of part -III - Rs. |                 |  |

**Grand total of Schedule - A Rs.**

(Rupees.....)

**Signature of contractor**  
Date & place

**Regional Director**  
ESIC, RO, Ahmedabad

## SCHEDULE - B

### ARM Sub. Pump

**Name of Work :** Repairs & Maintenance of different size Submersible pump & Mono block pump sets in ESIC , Office / dispensary buildings at Ahmadabad.

| Sl. No. | Items  | Qty.  | Unit | Rate/per each | Amount |
|---------|--|-------|------|---------------|--------|
| 1       | Repairing & rewinding of following capacity under ground sump base submersible pumpset / Centralifugal Mono block pump set and motor with proper gauge of copper Conductor and suitable Insulation and typing strip. The cost includes Removing and Re-fixing at same place including loading unloading and transportation complete testing commissioning etc. |       |      |               |        |
|         | (a) 3 HP   | 10.00 | Each |               |        |
|         | (b) 5 HP   | 2.00  | Each |               |        |
|         | (c) 7.5 HP   | 1.00  | Each |               |        |
| 2       | Repairing & rewinding of following capacity bore well base Submersible pumpset with proper gauge of copper Conductor and suitable Insulation and typing strip. The cost includes Removing and Re-fixing at same place including loading unloading and transportation complete testing commissioning etc.   |       |      |               |        |
|         | (a) 20 / 22.5 HP pumpset   | 1.00  | Each |               |        |
|         | (b) 30 HP pumpset  | 1.00  | Each |               |        |
| 3       | Supplying & Lying/ Lowering of following size Pvc insulated copper conductor flat submersible cable with connection at both sides etc. complete as required. Make Finolex / polycab / Haveli's/AVOCAB & as approved by engines in charge.)   |       |      |               |        |
|         | (a) 3core x 2.5 Sq mm flat   | 25.00 | Mts. |               |        |
|         | (b) 3 core x 4.0 Sq. mm flat   | 10.00 | Mts. |               |        |
|         | (c) 3 core x 6.0 sq. mm flat   | 10.00 | Mts. |               |        |
|         | (d) 3 core x 10.0 sq. mm flat  | 10.00 | Mts. |               |        |
| 4       | Labour charges with Replacement & lowering / laying G.I pipe of following size with all accessories including Tee. Bend Union, reducers including lowering in bore well with making necessary arrangement connection etc. complete as required during the breakdown condition of system. (As per brand approved make & approval by engineer in charge.)        |       |      |               |        |

|   |   |       |      |  |  |
|---|---|-------|------|--|--|
|   | (a) 40 mm 'B class G.I pipe Delivery and suction.   | 10.00 | Mts. |  |  |
|   | (b) 50 mm 'B class G.I pipe Delivery and suction.   | 5.00  | Mts. |  |  |
| 5 | Labour charges with Replacement & lowering / laying of 80 mm dia. G.I "B" class colum pipes (ISI marked) with all fitting such coupling, flang & welding works etc. complete as required for bore well base submersible pumpset in case of corrosion in existing colum pipe. (As per brand approved make & approval by engineer in charge.) | 10.00 | Mts. |  |  |
| 6 | Labour charges with Replacement of following type foot valve, Ball valve, Non return valve including connection etc as required as approval by brand make and approval by engineers in charge or equivalent ISI marked.The work should be executed during non fuctioning/leakage of above valves.   |       |      |  |  |
|   | A) Gun Metal foot valve   |       |      |  |  |
|   | (I) 40 mm dia.  | 2.00  | Each |  |  |
|   | (II) 50 mm dia.   | 2.00  | Each |  |  |
|   | (B) Gun Metal ball valve  |       |      |  |  |
|   | (I) 40 mm dia.  | 2.00  | Each |  |  |
|   | (II) 50 mm dia.   | 2.00  | Each |  |  |
|   | ( C ) Non Return Valve  |       |      |  |  |
|   | (I) 40 mm dia.  | 2.00  | Each |  |  |
|   | (II) 50 mm dia.   | 2.00  | Each |  |  |
| 7 | Labour charges with replacement of following rating electric panel contactor. Make - L&T / Simense / Cuttelerhammer / Havells   |       |      |  |  |
|   | a) 16 Amp rating  | 1.00  | Each |  |  |
|   | b) 25 Amp rating  | 1.00  | Each |  |  |
|   | a) 32 Amp rating  | 1.00  | Each |  |  |
| 8 | Labour charges with replacement of following rating electric panel relay. Make - L&T / Simence / Cuttelerhammer / Havells   |       |      |  |  |
|   | a) 6 Amp to 10 amp  | 1.00  | Each |  |  |
|   | b) 13 Amp to 21 Amp   | 1.00  | Each |  |  |
|   | c ) 20 Amp to 32 Amp.   | 1.00  | Each |  |  |
| 9 | Labour charges for Taking out the faulty submersible pump from bore well and lowering the same after repairing. Up to the bore well depth 150 meter.max.  | 3.00  | Each |  |  |

|                                  |  |      |                          |  |  |
|----------------------------------|--|------|--------------------------|--|--|
| 10                               | Labour charges for testing of following rating / capacity electric panel board for testing of panel board on site from reputed panel export including carryout necessary faulty cable jointing, internal connections, cable burst fault etc. complete. |      |                          |  |  |
|                                  | a) 3 HP to 7.5 HP rating   | 2.00 | Each                     |  |  |
|                                  | b) 22.5 HP to 30 HP rating.  | 1.00 | Each                     |  |  |
| 11                               | Procurement of raw water normal use water tanker having 3000 ltrs capacity on site in case of urgency during breakdown of water supply system.   | 3.00 | Each                     |  |  |
| <b>Total of schedule - B Rs.</b> |  |      |                          |  |  |
| (Rupees.....)                    |  |      |                          |  |  |
| <b>Signature of contractor</b>   |  |      | <b>Regional Director</b> |  |  |
| Date & place                     |  |      | ESIC, RO, Ahmedabad      |  |  |

**SCHEDULE - C****ARM HT SUB STATION**

**Name of work :** Annual Repairing, Maintenance and Servicing contract for HT VCB Panel, LT ACB panel, APFC panel, 630 KVA transformer , filtration of transformer oil, testing of earth pits, etc at ESIC, R O, Ahmedabad.

| <b>Sr. No.</b> | <b>Description of items</b>  | <b>Qty.</b> | <b>Unit</b> | <b>Unit / Rate</b> | <b>Amount Rs.</b> |
|----------------|--|-------------|-------------|--------------------|-------------------|
| 1              | Servicing & overhauling of Existing HT panel with HT VCB and interior spares etc. Complete and put into the smooth and proper working condition as per the instructed by the engineer in charge.( The HT breaker should be servicing with the experts technician of this type of servicing work & twice in a year i.e. before monsoon and after monsoon) | 2.00        | Job         |                    |                   |
| 2              | Filtration of 630 KVA transformer oil as per ISS for removal of moisture, carbon slurry etc by means of circulating oil through vacuum pump from the heating element & filters to with stand the breaking strength o the oil above 50 KV beyond one minute tested in kit at site.  | 417.00      | Ltr.        |                    |                   |
| 3              | Supply & filing of new transformer oil having good resistance to high electrical stress, high di-electric strength (50kV low viscosity, low pour point, high flash point and excellent thermal properties for efficient heat transfer cooling as per IS 335-1972.  | 75.00       | Ltr.        |                    |                   |
| 4              | Measurement of earthing of resistance of all the earthing pits by loop test after isolating & clearing of joints. ( one time in a year)  | 15.00       | Job         |                    |                   |

|   |   |      |     |  |  |
|---|---|------|-----|--|--|
| 5 | Routine maintenance of transformer in operation covering insulation resistance , oil break down strength, reconditioning / replacement of silica gel, cleaning of transformer & topping up to of oil if required ,checking of leakage point, tightening of MV & LV side cable connections, replacement of breather etc complete. .( twice in a year i.e. before monsoon and after monsoon)  | 2.00 | Job |  |  |
| 6 | Carry out routine servicing & maintenance of 1000 Amp. rating Air circuit breaker (L&T make) by cleaning of Fix contacts, moving contacts & Archdukes & putting the ACB in perfect working order after setting / calibration all the protection relays and ON / OFF mechanism. The ACB should be servicing with the experts technician of this type of servicing work . (twice in a year i.e. before monsoon and after monsoon)                                   | 2.00 | Job |  |  |
| 7 | Carry out maintenance & servicing of existing LT cubical distribution panel board ( 2 nos) having approx. 15 to 22 no switches cleaning & servicing the contacts, tightening the connections of incoming & out going cables & checking the operating mechanism for smooth functioning of switches and putting them in smooth working order . The required materials during the servicing work like nut, bolt, washer and others should be provided by contractor. | 2.00 | Job |  |  |



|   |   |      |      |  |  |
|---|---|------|------|--|--|
| 8 | Carry out maintenance & servicing of existing cubical capacitor panel board having 150 KVAR capacity capacitor bank ( 40 KVR - 2nos, 20 KVR - 2 nos, 10 KVR - 2 nos & 5 KVR - 2 nos = 150 KVR) & approx. 8 to 10 no operating switches cleaning & servicing the contacts, tightening the connections of incoming & out going cables & checking the operating mechanism for smooth functioning of switches and putting them in smooth working order . If existing capacitor failed, the new capacitor shall be provided by departments. The power factor should be maintained more than 95 %. The required servicing materials like nut, bolt, washer,grease and oil should be provided by contractor ( twice in a year i.e. before monsoon and after monsoon) | 2.00 | Job  |  |  |
| 9 | Liason work for obtaining NOC as per IE rules once in a year from Assist. Electrical Inspector office by testing of earthing value and oil testing etc should be the scope of contractor.   | 01   | L.S. |  |  |

**Total - Schedule - C Rs.**

**Signature of contractor**  
Date & place

**Regional Director**  
ESIC, RO, Ahmedabad

## SCHEDULE - D

### ARM "ESIC" NEON SIGN BOARD

**Name of Work :** Annual Servicing, maintenance & repairs of existing " E S I C " letters NEON SIGN board fixed on the tarrece of Panchdeep building, RO, ESIC, Ahmedabad .

| Sr. No. | Items   | Qty.  | Unit   | Rate/per each | Amount |
|---------|---|-------|--------|---------------|--------|
| 1       | Annual Servicing, maintenance & repairs of existing "ESIC" NEON SIGN letters having 4 Ft (H) x 3.5 ft (W) size approx. working on tarrece of RO, ESIC, Ahmedabad. The scope of the work includes repalcement of faulty tube as and when required & checking & repairs of internal wiring of the system. | 12.00 | Months |               |        |
| 2       | The following items will be replaced / repairs as extra cost as and when required.  |       |        |               |        |
|         | a) Supply, fixing & testing of HT transfoer of neon sign ,( system qnt - 3nos)  | 1.00  | each   |               |        |
|         | b) Supply & fixing & testing of 0-16Amp. Range TIMER suitable to neon sign board with connections.  | 1.00  | each   |               |        |
|         | b) Painting of Neon sign MS angle structures & neon latter boxes with applying red oxide & oil paint of Asin brand.   | 1.00  | job    |               |        |

**Total of Schedule - D Rs.**

(Rupees.....)

**Signature of contractor**  
Date & place

**Regional Director**  
ESIC, RO, Ahmedabad

## SCHEDULE - E

### ARM FIRE FIGHTING SYSTEM

Name of work - Annual Maintenance contract for fire fighting system and refilling of fire extinguishers in Regional office, ESIC, Ahmedabad.

#### Part - I

| Sr. No | Item description  | Qty.  | Unit                     | Unit / Rate | Total Amount |
|--------|---|-------|--------------------------|-------------|--------------|
| 1      | Annual Repairs & Maintenance for firefighting System which includes the maintenance of pipe line (overhead & under ground) , hose reels, hydrant valves , Pump - Motor set & Fire alarm etc in R.O. building Ashram Road Ahmedabad as per the scope of work mention in detailed specifications. | 12.00 | Quarterly( Three months) |             |              |

**Total of schedule - part - I Rs.**

#### Part - II

| Sr. No | Item description  | Qty.  | Unit | Unit / Rate | Amount. |
|--------|---|-------|------|-------------|---------|
| 1      | Refilling of 4.5 kg capacity CO2 type fire extinguisher                           | 12.00 | No   |             |         |
| 2      | Refilling of 5 kg capacity ABC type fire extinguisher                             | 11.00 | No   |             |         |
| 3      | Refilling of 5 kg capacity DCP type fire extinguisher                             | 4.00  | No   |             |         |
| 4      | Supply of 63 mm dia. Hydrant valve  | 1.00  | No   |             |         |
| 5      | Supply of 30 mtr length Hose reel with drum & shut off nozzle                     | 1.00  | drum |             |         |
| 6      | Supply of canvas hose pipe with male female coupling & binding of 15 mtrs length. | 1.00  | No   |             |         |
| 7      | Supply of Alluminium Branch pipe  | 1.00  | No   |             |         |
| 8      | 1" dia. S.S. ball valve   | 1.00  | No   |             |         |

**Total of Part -II Rs.**

|  |  |
|--|--|
| Total of schedule - part - I Rs.       |  |
| Total of schedule - part - II Rs.      |  |
| <b>Grant total of schedule - E Rs.</b> |  |

(Rupees.....)

**Signature of contractor**  
Date & place

**Regional Director**  
ESIC, RO, Ahmedabad