



**AHMEDABAD MUNICIPAL CORPORATION
MEDICAL EDUCATION TRUST
ELECTRICAL DEPARTMENT**



**Tender
Documents**

For

**OPERATION AND COMPREHENSIVE MAINTENANCE FOR 02(TWO) YEAR
WITH SITC OF ELECTRICAL ITEMS(As When Required) AT SHARDABEN
GENERAL HOSPITAL, SARASPUR,AHMEDABAD.**

TENDER NO: AMC/_____/2026

**VOLUME-I : TECHNICAL BID
PART-I : GENERAL SPECIFICATIONS
PART-II : TECHNICAL SPECIFICATIONS**

1	Tender documents available	On web site www.tender.nprocure.com
2	<i>Last Date & Time of submitting the filled up tender online</i>	Till 07/07/2026 up to 6.00 p.m only on website www.tender.nprocure.com
3	<u>Last Date- Time and Place of submission of <i>Volume-I (Technical Bid only) of Tender in Physical form</i></u>	Up to 08/07/2026 4.00 p.m. At the Office of Tender Officer, Central Record Office, Mezzanine Floor, Block- B, Sardar Patel Bhavan, Danapith, Ahmedabad-380
4	Tender Vol-I (Technical Bid only) Opening Date-Time and Place	08/07/2026 at 4:05 p.m. onwards Online Opening:- At the Office of Add. Chief Engineer (Electrical), Light Department,5 th Floor "C"-Block, Sardar Patel Bhavan, Danapith , Ahmedabad-380 001, Gujarat, India. Physical Opening :- At the Office of Tender Officer, Central Record Office, Mezzanine Floor, Block- B, Sardar Patel Bhavan, Danapith, Ahmedabad-380 001, Gujarat, India or at the above said office.

**MUNICIPAL COMMISSIONER / CHAIRMAN
AMC / AMC-MET**



**AHMEDABAD MUNICIPAL CORPORATION
MEDICAL EDUCATION TRUST
ELECTRICAL DEPARTMENT**



BRIEF TENDER NOTICE FOR WORK, TENDER FEE AND EARNEST MONEY DEPOSIT

S.N.	DESCRIPTION	TENDER FEE IN Rs	E.M.D. IN Rs.
1	OPERATION AND COMPREHENSIVE MAINTENANCE FOR 02 (TWO) YEAR WITH SITC OF ELECTRICAL ITEMS (As When Required) AT SHARDABEN GENERAL HOSPITAL, SARASPUR, AHMEDABAD.	Rs.3600/ (Nonrefundable)	Rs 1,06,092/- in form of <u>demand draft / Bank guarantee of Banks mentioned as per Annexure-I only</u>

- Interested Only Eligible tenderer may obtain further information and clarification on any matter relating to the tender documents from the Office of Add. Chief Engineer (Electrical), 5th Floor, "C"-Block Sardar Patel Bhavan, Danapith, Ahmedabad-380 001.
- **Tender Fee-Demand Draft only (Nonrefundable)**
Tender must be accompanied by the Tender Fee through Demand Draft only in favour of **"Municipal Commissioner, AMC" payable at Ahmedabad from banks mentioned in Annexure-I only** with their tender documents.
- **Earnest Money Deposit (E.M.D.) - D.D. or Bank Guarantee only**
Tender must be accompanied by the E.M.D. Through Demand Draft in favour of **"Municipal Commissioner, AMC" payable at Ahmedabad or Bank guarantee of banks mentioned in Annexure-I only** with their tender documents.
- Without tender Fee and E.M.D. tender will be strictly rejected**

Signature of the Tenderer:

Name:

Company's

seal:

Date:

ANNEXURE-I

LIST OF BANKS FOR TENDER FEE, EARNEST MONEY DEPOSIT (E.M.D.) SECURITY DEPOSIT

- Tender Fee must be in form of Demand Draft and EMD must be in form of Demand Draft or Bank Guarantee only of following banks.
- Security Deposit shall be in form of Demand Draft or Bank Guarantee only of following banks.

A. Guarantees issued by following banks will be accepted as SD/EMD on permanent basis.

❖ **All nationalized Banks**

B. Guarantees issued by following banks will be accepted as SD/EMD for the period up to March- 31, 2026. The validity cut-off date in the GR is with respect to the date of issue of Bank Guarantee irrespective of the date of termination of Bank Guarantee.

1. Commercial Banks:-

1. Axis Bank
2. AU Small Finance Bank
3. Bandhan Bank
4. Barclays Bank
5. City Union Bank
6. CSB Bank
7. DBS Bank India Limited
8. DCB Bank
9. Equitas Small Finance Bank
10. ESAF Small Finance Bank
11. Federal Bank
12. HDFC Bank
13. HSBC Bank
14. ICICI Bank
15. IDBI Bank
16. IDFC First Bank
17. Jammu and Kashmir Bank
18. Jana Small Finance Bank

19. Karnataka Bank
20. Karur Vysya Bank
21. Kotak Mahindra Bank
22. South Indian Bank
23. Standard Chartered Bank
24. Tamilnadu Mercantile Bank
25. Utkarsh Small Finance Bank
26. YES Bank

2. Co-operative and Rural Banks Of Gujarat:-

1. The Ahmedabad Mercantile Co-operative Bank Limited
2. Nutan nagrik Sahakari Bank Limited
3. Rajkot Nagarik Sahakari Bank Limited
4. Saraswat Co-operative Bank
5. SBPP Co-operative Bank
6. SVC Co-operative Bank
7. The Cosmos co-opretive Bank
8. The Gujarat State Co-Operative Bank
9. The Mehsana Urban Co-operative Bank Limited
10. The Surat District Co-operative Bank
11. The Surat Peoples Co-operative Bank
12. The Kalupur Commerical Co-operative Bank Limited
13. The Panchmahal District Co-operative Bank
14. The Baroda District Co-operative Bank
15. Baroda Gujarat Gramin Bank
16. Saurashtra Gramin Bank

Bank guarantee issued by above mentioned banks only from Branch other than Ahmedabad City then it is acceptable only when the financial liability and all other responsibilities are of Ahmedabad branch only and it should be clearly mentioned in Bank guarantee without which it will not be acceptable.

**Addl. Chief Engineer
(Electrical)
AMC**

VOLUME - I: TECHNICAL BID

INDEX

SECTION	TITLE
	PART - I : GENERAL SPECIFICATIONS
A	GENERAL CONTENTS
B	GENERAL CONDITIONS OF CONTRACT
C	SPECIFICATIONS - NON TECHNICAL
D	CONDITIONS FOR 1 YEARS OPERATION AND COMPREHENSIVE MAINTENANCE SERVICE

PART – I: - GENERAL SPECIFICATIONS

SECTION: A

A-1: NOTICE INVITING TENDER

A-2: MEMORANDUM OF WORKS IN BRIEF

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SECTION A :-GENERAL CONTENTS

SUB SECTION NO	DESCRIPTION
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A-2	MEMORANDUM OF WORK IN BRIEF AND SCHEDULES A.2.1 TO A2.7
A-3	SCOPE OF WORK
A-4	INSTRUCTIONS TO TENDERERS
A-5	QUALIFICATION CRITERIA FOR TENDERERS

A – 1:- NOTICE INVITING TENDER

To,
Municipal Commissioner / Chairman,
AMC/ AMC-MET,
Tender office
Central Record Office, Mezzanine Floor,
Block-B
Sardar Patel Bhavan, Danapith,
Ahmedabad-380 001,
Gujarat,
India

Name of Work: - TENDER FOR OPERATION AND COMPREHENSIVE MAINTENANCE OF SHARDABEN HOSPITAL FOR TWO YEARS AND SITC OF ELECTRICAL WORK (As When Required) AT SHARDABEN GENERAL HOSPITAL, SARASPUR,AHMEDABAD.

Dear Sirs,

A.1.1 Hereby **Percentage Rate Two-Bid System** tenders are invited on behalf of Municipal Commissioner / Chairman, AMC / AMC-MET by **E-Tender system** from the Contractor/ Agency who qualify the **Eligibility Criteria, as mentioned in Section– A.5 of the tender document.**

A.1.2 Tender along with Conditions of contract shall be available from the website **www.tender.nprocure.com**. Tenderer shall have to submit demand draft of banks mentioned in Annexure-I only **in favour of “ Municipal Commissioner, AMC ”** Payable at Ahmedabad of **Rs.3600/-** as tender fee along with the tender.

Tender received **without tender fee** shall be considered as **Non-Responsive** and **shall stand rejected outright.**

A.1.3 Earnest Money Deposit (E.M.D.) shall be in the form of demand draft **in favour of “ Municipal Commissioner, AMC ” payable at Ahmedabad** or bank guarantee from banks **mentioned in Annexure-I only of Rs. 1,06,092/- with their tender documents.**

Validity of Bank guarantee shall be of minimum tender validity period plus one month (Total Five months from last Date of submission of tender online).

Tender received without Earnest Money shall be considered as Non-Responsive and shall stand rejected outright.

A.1.4 SUBMISSION OF TENDER

A.1.4.1 Tenders shall be submitted together with the other documents that form the tender. In the event of a Contract, the tender and the documents attached there to shall be considered as forming part of the Contract Documents.

A.1.4.2 **Two set (One Original + One Xerox)** of tender documents consisting of following shall be submitted

VOLUME-I TECHNICAL BID

- Separate envelop for Tender fee **(D.D. only)**
- Separate envelop for E.M.D. **(D.D. or Bank guarantee)**
- Part – I : (Section – ‘A’, ‘B’, ‘C’) – Tender Notice, General Conditions-special condition of Contract, Specifications – Non Technical etc.
- Part – II : (Section – ‘D’) – Technical Specifications for Operation and Comprehensive maintenance work.
- **Addendum, if any**
- **All the pages of tender documents has to be stamped and signed by the tenderer**
- **Contractor shall have to submit hard copy of Vol-I spiral binding.**

VOLUME-II FINANCIAL BID

As this tender is E-tender Schedule of Rates / B. O. Q must be filled online only. Hard copy of financial bid should not be attached along With tender

A.1.4.3 Two sets (One Original + One Xerox copy) of tender documents- Vol-I only (Including technical specifications, drawings and addendum (if any), duly completed in all respects, tender fees, EMD and other documents required (hard copy of original certificate, data sheets, company details, forwarding letters etc.) shall be submitted, so as to reach at the following address on or before the last date and time for tender submission mentioned in tender notice.

Tender Officer

Central Record Office, Mezzanine Floor,”B”-Block

Sardar Patel Bhavan, Danapith,

Ahmedabad – 380 001, Gujarat

(INDIA)

A.1.4.4 All Envelops and sub envelops must be sealed by tenderer & each sealed envelope shall show on the outside, the following details

- (a) Name of Department
- (b) Name of Work
- (c) Tender No.
- (d) Name of Contractor
- (e) Last date of receiving tender in Physical Form by the AMC
- (f) Date of opening of Vol-I (Technical Bid only)

Tenders which are opened before the due date with no indication having been given on the outside of the envelope or container to indicate that it is a **tender liable to be disqualified.**

A.1.4.5 The tender shall be considered non-responsive if Technical Tenders (Vol-I) are not sealed.

Tenderers shall not be allowed to fill in or seal their tenders at the AMC Office. Tenderers are requested to present the tenders well in time before stipulated date and time of receipt; so as to avoid rush at the closing hours.

A.1.4.6 Erasures and other changes shall be noted over by the initials of the person signing the tender.

A.1.5 The successful tenderer shall have to pay Security Deposit worth 5% amount of the Ordered Value in Indian Rupees in approved Form "A" enclosed with the tender document in Section A 4, Clause A 4.20 or other format acceptable to AMC within 15 days from receiving date of L.O.I. / Work Order in the form of Demand Draft or Bank Guarantee from banks mentioned in Annexure-I only with requisite amount of contract paper., failure of which tender shall be liable to reject.

The E M D of the contractor, whose tender is accepted, shall be forfeited in full in case He/ She does not remit the initial security deposit and does not complete the contract with AMC within 15 days from receiving date of L.O.I./ Work Order.

A.1.6 The Earnest Money Deposit of all the tenderers except 1st, 2nd and 3rd lowest shall be returned as early as possible.

A.1.7 The tender shall be accompanied with the copy of

- Similar type of work Carried out (As Per Qualification Criteria)
- Works on Hands
- Details of technical personnel
- Financial Capacity
- Required Details in Schedules (Format) given in Section – A 2 (A 2.1 to A2.7) & "Memorandum of work in brief" of Volume-I
- Required Details of blank data sheets of Technical Specifications of Section- D, Volume-I".

A.1.8 All details and schedules required for pre-qualification and technical evaluation shall be submitted in hard copy in prescribed format.

A.1.9 Tender fees, EMD, in form of D.D./Bank guarantee and other tender documents required. i.e. hard copy of Original Certificates, Data Sheets, Company Details, Drawings, Blank Tenders Document Duly Signed of each page, Forwarding Letter etc. shall be submitted in a sealed envelope to AMC before prescribed date and time.

A.1.10 **Financial bid shall be submitted only on online on tender.nprocure.com**

A.1.11 The **Technical Bid** containing **Vol-I (technical bids only)** from the tenderers received, shall be opened Physically / online in the presence of the tenderer's representatives at the time and date mentioned in tender notice (who may present in time) and the technical tenders shall be scrutinized by AMC or his authorized representatives for satisfying various eligibility criteria prescribed for the tenderers for this work.

A.1.12 **After this, the Financial Bids of only technically qualified tenderers will be opened online. The actual date and Place of opening of Vol-II-Financial Bid of tenderers shall be communicated to technically qualifying tenderer only later after scrutiny of tender documents.**

A.1.13 The Conditional Tender **will not be accepted and shall be rejected outright, unless**, the nature of condition(s) put up by the tenderer is acceptable to AMC.

Any suggestions/alteration from the tender must be mentioned in the main forwarding letter. Bidder is advised to visit the particular Site for said work under this tender to study the local site condition prior to tendering. Request for any kind of change (including prices) shall not be entertained under any circumstances.

A.1.14 The tenderer shall be offered the Rate for in percentage as per format given on N-procure web site Online in **Vol-II (Financial Bid)** of the tender documents.

A.1.15 **Incomplete Tender which does not fulfill any of the above conditions shall be liable for rejection. Tender shall also be liable to be rejected if –**

- i) The tenderer proposes any alteration in the work specified or in the time allowed for carrying out the work or any condition in the covering letter which is not acceptable to AMC.
- ii) The bidder or the person authorized to sign on behalf of the bidder does not sign the all pages of the tender and amendments if any (digitally online).
- iii) All corrections, additions or pasted slips are not initialed by the tenderer.
- iv) Any erasure is made in the tender.
- v) The tenderer or in the case of a firm the bidder or the person authorized to sign on behalf of the bidder shall sign the bid document. The Copy of legal status of bidder (Partnership Deed or Articles of Association of the Company) along with authority to sign digitally on behalf of the bidder will be furnished along with other documents to be dispatched physically.
- vi) **Tender fee and Earnest Money for required amount is not paid with the tender.**
- vii) Tender submitted without signing relevant pages of the tender and amendments, if any.
- viii) Information vide Section A.2 (A 2.1 to A 2.7) is not furnished.
- ix) All Blank Data Sheet not furnished by the tenderer as given in Section A to C of Vol-I
- x) Technical data sheet not furnished by the tenderer as given in Section 'D','E'.

A.1.16 Acceptance of the tenders shall rest with the competent authority of AMC/AMC-MET, who does not bind himself to accept the lowest tender.

A.1.17 Municipal Commissioner, AMC reserves the right

- (i) To change, alter or to waive any technical or commercial terms, conditions and qualification**
- (ii) To reject all the tenders or the lowest or any other tender in part or full without Assigning any reason whatsoever**
- (iii) For making changes / relaxation in eligibility criteria at any time**
- (iv) To split the tender to two or more agencies**

The tenderers shall have no cause of action or claim against the corporation or -its officers, employees, successors or assignee for rejection or split of his tender.

A.1.18 It must be clearly and distinctly understood that the conditions of contract and specifications shall be rigidly enforced and no relaxation on the grounds of customs prevailing shall be allowed.

A.1.19 Overall Lowest of Complete work as per Vol-II Price Schedule will be Consider as Lowest

A.1.20 The Price quoted for work must be of Site / Store delivery of Corporation with prevailing applicable taxes rates.

After awarding Contract and during contract implementation if any type of Government taxes increases including excise duty or addition of any type of taxes which is applicable to contract, the same rise /addition will give to Contractor upon submission of necessary documents as mentioned below.

- ✓ Gazette of Government indicating changes in Taxes
- ✓ Copy of Challan of tax that has been submitted to income tax department
- ✓ Other documents as demanded by client

However during Implementation of work if any types of taxes reduces in future then the same shall be recovered from Contractor. However it is Contractor's responsibility to inform the same to Client with supporting documents.

A.1.21 Tender documents must be submitted as per original tender documents that Published in web site www.tender.nprocure.com. No Changes/addition in any text, documents in original tender documents are allowed, failing which tender is strictly rejected.

A.1.22 It is considered that the tenderer has visited the site of work, fully acquainted himself with the local situations regarding materials, labor and other factors pertaining to work and studied the plans and estimates before submitting the Tender.

A.1.23 It shall be the responsibility of the tenderer to arrange for necessary import license and clearance of Govt. of India in time, if required, so that the imported plant or equipment could be utilized for the proposed work. The tenderer has to assure AMC that he is in a position to import the plant or equipment at the time of commencement of proposed work.

A.1.24 The tender for the work shall remain open for a period of 120 Calendar days from the date of opening of Vol-I Technical bid online and the tenderer shall not be allowed to withdraw or modify the offer on his own during this period.

Any modifications or additions in terms and conditions of his tender will also not be accepted by AMC. In such case **Municipal Commissioner, AMC shall without prejudice to any right or remedy, be at liberty to forfeit in full the said earnest money absolutely.**

In exceptional circumstances, the Purchaser may solicit the Tenderer's consent to an extension of the period of made in writing (or by fax / telex). The EMD submitted shall also be suitably

Extended. A Tenderer may refuse the request without forfeiting its Tender security. A Tenderer granting the request will not be required nor permitted to modify its Tender.

A.1.25 **Tender documents are not transferable.**

A.1.26 **Any False information given in the Tender will invite invalidation of any Contract awarded on the basis of such false information at the discretion of the employer.**

A.1.27 The tenderer, if directed by the Engineer in charge; shall increase or decrease the strength of the labour both skilled and unskilled. The Contractor shall also report of any accident which may have occurred within 24 hours of its occurrence to the Add. Chief Engineer (Electrical).

A.1.28 The tenderer shall strictly observe all the requirements laid down in the Contract Labour (Regulation and abolition) Act, 1970 and the Contract Labour (Regulation and Abolition) (Gujarat) Rules, 1972 and other acts as amended from time to time so far as applicable.

A.1.29 The tenderer shall carefully read the eligibility criteria, furnish the details and satisfy the same; Otherwise **the tender shall be rejected without assigning any reason.**

A.1.30 For Any Inquiry/Query/Suggestion interested participants may write letter to the Office of Add. Chief Engineer (Electrical) as above mentioned address 10 days before last date of tender online submission. After that any letter submitted not considered....

A.1.31 If Bidder Fails To Submit Documents in Anyone Format (online and hard copy) the Bidder Shall Be considered in-Responsive and Bidder Shall Reject Straight Way.

A.1.32 The bidder is required to check the website www.tender.nprocure.com for **Addendum if any before 48 hours of last date and time of on line tender submission. The bidder who quotes the bid without attaching the addendum shall be rejected.**

Addendum is a part of tender and the tenderer who quotes the tender without attaching the addendum will be rejected.

I/We hereby do certify that I /We have read above instruction A.1.1 to A.1.32 of " Notice Inviting Tender" carefully and understood very well and taken into account while tendering and have quoted our firm price accordingly.

Signature of the Tenderer:
Name:
Company's seal:
Date:

Addl. Chief Engineer
(Electrical)
AMC

A – 2: MEMORANDUM OF WORK IN BRIEF

CLIENT: AHMEDABAD MUNICIPAL CORPORATION-MEDICAL EDUCATION TRUST.

NAME OF WORK: OPERATION AND COMPREHENSIVE MAINTENANCE OF SHARDABEN HOSPITAL FOR TWO YEARS AND SITC OF ELECTRICAL WORK (As When Required) AT SHARDABEN GENERAL HOSPITAL, SARASPUR,AHMEDABAD.

S.N.	DESCRIPTION	DETAILS
1	Tender Documents to be downloaded from	www.tender.nprocure.com
2	Last date for submitting filled up tender <u>Online</u>	till 07/07/2026 up to 6.00 p.m only on website www.tender.nprocure.com
3	Last Date- Time and Place of submission of <u>Volume-I (Technical Bid only) of Tender in Physical form</u>	Up to 08/07/2026 4:00 p.m. only At the Office of Tender Officer, Central Record Office, Mezzanine Floor, Block-B, Sardar Patel Bhavan, Danapith, Ahmedabad-380 001,Gujarat,India
4	Tender Vol-I (Technical Bid only) Opening Date-Time and Place	08/07/2026 at 4:05 p.m. onwards Online Opening: - At the Office of Add. Chief Engineer (Electrical), Light Department, 5 th Floor “C”-Block, Sardar Patel Bhavan, Danapith , Ahmedabad-380 001, Gujarat, India. Physical Opening :- At the Office of Tender Officer, Central Record Office, Mezzanine Floor, Block-B, Sardar Patel Bhavan, Danapith, Ahmedabad-380 001,Gujarat,India or at the above said office
5	Mode of sending Physical tender documents, Vol-I (Technical Bid only)	In sealed envelope in (One Original + One Xerox copy) copies by Regd. Post A D / Speed Post / <u>Hand delivery only.</u> Tender sent by ordinary post shall be rejected outright.
6	Description Essential to be made on each sealed envelop	a) Name of Department b) Name of Work c) Tender No., d) Name of Contractor e) Last date of receiving tender in Physical Form by the AMC. f) Date of opening of Vol-I(Technical Bid only)
7	Mode of Quoting Rates in Schedule of Rates/BOQ	As per format of N-procure web site www.tender.nprocure.com .
8	Tender opening	At the time of opening of tender only Vol-I (Technical bid) of tenders will be opened only if submitted in physical and Online both.After scrutiny of Vol-I (Technical Bid), the Vol-II (Financial Bid) of those tenderers who satisfying the eligibility criteria will be opened online

9	Tender Fee	Only demand draft of Rs. 3600/- in favor of <u>"Municipal Commissioner, AMC"</u> payable at Ahmedabad from Banks mentioned in above Annexure-I only.
10	E.M.D.	In form of Demand Draft in favor of <u>"Municipal Commissioner, AMC"</u> payable at Ahmedabad or Bank guarantee from banks mentioned in Annexure-I only of <u>Rs.1,06,092/-</u> <u>Validity of Bank guarantee must be minimum of tender validity period Plus one Month (Total Five Months from last date of tender submission)</u>
11	Tender Validity Period	120 Calendar days from date of opening of Vol-II price bid.
12	Date of Commencement of Work	From Receiving of Letter of Intent Work Order Comprehensive O&M will be start after LOI/Work Oder.
13	Security Deposit (S.D.)	5% amount of the Total Ordered value to be submitted by the way of <u>D.D. In favour of "Municipal Commissioner, AMC"</u> or Bank guarantee from the banks mentioned in Annexure-I only with requisite amount contract paper. <u>In case of Bank guarantee validity period should be up to up to Satisfactorily Completion of Entire O & Comprehensive maintenance work. . Security Deposit released after 03 Months of Completion of contract period.</u>
14	Duration of Contract	C O&M - THE PERIOD OF TWO YEARS AND SITC OF ELECTRICAL WORK (As an When Required)
15	Solvency Certificate	The contractor must possess solvency certificate of value not less than Rs.21,21,835/- from Nationalized / Scheduled Bank only. Solvency Certificate should not be prior to one year from last date of submission of tender online.
16	Site Conditions	The Contractor shall have to make himself acquainted with all conditions and situations pertaining to site. The rates quoted and with all conditions and situations pertaining to site. The rates quoted by contractor shall take into account all site factors and no extra cost shall be payable on any account especially on the plea that the contractor was not aware of any particular situation or condition.
17	Mode of Payment	<p>For SITC AS AN WHEN REQUIRED - 100% against testing and commissioning.</p> <p>For Comprehensive O&M work.</p> <ul style="list-style-type: none"> Monthly payment will give after after depute man power at site. Make sure all required man power depute on site within 10 days after receiving of LOI. <p>(it means total 24 months for manpower and Comprehensive O&M))</p>

18	Defect liability period (D.L.P)	This Is a part of Comprehensive O&M Work No special DLP period required, but all the scope of work as mentioned in tender volume for Comprehensive O&M is applicable for DLP period. SITC - 01 YEAR AFTER SUCESSFULLY COMPLETION OF SITC WORK
19	Scope Reduction Due to Demolition of Existing Building	The bidder shall note that certain existing building(s) covered under the Comprehensive Operation & Maintenance scope are very old and may be demolished during the contract period based on the decision of the Employer and/or competent authority due to structural deterioration, safety concerns, or unserviceable condition.
		In case the entire hospital is demolished, vacated, decommissioned, or shifted to a new premises (including the upcoming Shardaben Hospital or any other designated facility), resulting in cessation of operation of the existing hospital, AMC shall have the right to reduce the scope proportionately, transfer the balance scope to another facility, or terminate/close the contract without any compensation, claim, or liability towards the Contractor except for payments due for satisfactorily executed services up to the effective date of such closure or termination.
20	Prior Intimation notice	The AMC shall provide at least 30 days prior written intimation before discontinuing services, withdrawing manpower, terminating the contract, carrying out major maintenance activities that may affect operations, or taking any action requiring advance notice under the contract. The notice shall clearly state the reasons and the effective date of such action

IMPORTANT INSTRUCTIONS

- **It is mandatory for all the tenderer to fill the Format as mentioned in Schedule A-2 (A2.1 to A2.7) of Technical tender, Volume-I.**
- **Contractor shall have to submit all the documents spiral binding having proper checklist index indicating the page no. As per format and supportive documents.**
- Loose paper or left out paper later submitted shall not be accepted.

Signature of the Tenderer:

Name:

Company's

seal:

Date:

INDEX FOR SCHEDULES

S. N.	DESCRIPTION
A.2.1	STRUCTURE ORGANISATION AND QUALIFICATION OF FIRM
A.2.2	INFORMATION REGARDING FINANCIAL CAPACITY OF THE BIDDER
A.2.3	DETAILS OF PARTNERS/DIRECTORS AND TECHNICAL PERSONNEL WHO ARE PROPOSED FOR THIS CONTRACT
A.2.4	DETAILS OF THE WORKS OF SIMILAR TYPE AND MAGNITUDE CARRIED OUT BY THE BIDDER DURING LAST 5 YEARS PERIOD IN INDIA
A.2.5	DETAILS OF THE WORK IN HAND AND WORKS BIDED FOR AS ON THE DATE OF SUBMISSION OF THE BID IN INDIA
A.2.6	WORKS LEFT INCOMPLETE
A.2.7	DETAILS OF EQUIPMENT IN POSSESSION OF THE CONTRACTOR AND THE EQUIPMENT PROPOSES TO BRING TO THE SITE FOR THIS WORK

SCHEDULE-A.2.1:- STRUCTURE ORGANISATION AND QUALIFICATION OF FIRM

S.N.	DETAILS	TO BE FILLED BY THE BIDDERS
1	Name of the Vendor / Applicant	
2	Nationality of Applicant	
3	Address of the firm Main Office Telephone No. (i)Landline (ii)Mobile Fax No. E-Mail Address	
4	Branch Office / Address of local office at Ahmedabad if any. Telephone No. (i)Landline (ii)Mobile Fax No. E-Mail Address	
5	Date of Incorporation of the Company.	
6	Nature of the Company of the Applicant	
a	A proprietary firm	Yes / No
b	A firm in partnership	Yes / No
c	A Private Limited Company	Yes / No
d	A Limited Company	Yes / No
e	Any other	Yes / No
	✓ Tick whichever is applicable and strike out others ✓ Attach a copy of Partnership Deed / Certificate of Incorporation / Articles of Association and Memorandum of Association etc.	
7	Name of person (s) holding power of attorney. (Attested copy of power of attorney to be enclosed).	
8	Resident Address of person(s) holding power of attorney with Contact no.	
	For how many years has your organization been in business	

9	Of similar work under it's present name?	
10	Whether registered for of Sales Tax purposes. If so mention number and date.	
11	Whether an assessed of Income Tax. If so mention PAN number and date.	
12	Were you ever required to suspend execution for period of more than four months continuously after you started? If so, give the name of project and reasons there of	
13	In how many of your projects penalties were imposed for delays? (Please give details)	
14	Financial details, Solvency certificate etc.	Fill Details as per section A 2.2
15	Annual turnover for the last three years ending last year (Attach audited balance sheets with the tender)	
16	Gross capital for the last three years ending March-2019 (Attach audited balance sheets with the tender)	
17	Statement of Profit & Loss during last three years ending Last year (Attach audited balance sheets with the tender)	
18	List of Partners and Technical Personnel indicating Name, Qualification, Years of Experience, Nature of work etc. (Separate Annexure II Performa attached).	Fill Details as per Section A 2.3
19	Details of Similar type of work during last Five years in India	Fill Details as per Section A 2.4
20	List of works in hand indicating all details listed under	Fill Details as per Section A 2.5
21	Whether you ever left the work awarded to you incomplete? (If so, give name of project and reasons for not completing work?)	Fill Details as per Section A 2.6
22	Details of Equipment in possession of Contractor	Fill Details as per Section A 2.7

Signature of the Tenderer:

Name:

Company's seal:

Date:

**Addl. Chief Engineer
(Electrical)
AMC**

SCHEDULE-A.2.2:- INFORMATION REGARDING FINANCIAL CAPACITY OF THE BIDDER

S. N.	Details	Amount in Rs Lacs	Details to be furnished	Submitted Yes / No	Remarks
1	Tender fee				Tender fee value shall be Rs.3600/- (Non-Refundable)
2	E.M.D				E.M.D value shall be Rs.1,06,092/-
3	Solvency Certificate				The contractor must possess solvency certificate of value not less than Rs. 21,21,835/- from Nationalized / Scheduled Bank only . Solvency Certificate should not be prior to one year from last date of submission of tender.
4	Annual average turnover for last 3 years				Certificate duly signed and stamped from C.A. shall be attached with this schedule along with the audited balance sheets for the last three years showing long term profitability. <u>For last year Provisional balance sheet along with CA certificate for turnover must be attached if not audited(If submission of tender is before last date of audited period fixed by I.T. department)</u>
	AVERAGE				Certificate duly signed and stamped from C.A. shall be attached with this schedule along with
5	Profit earned per year during last three years				

6	Gross Capital during last three years				Certificate duly signed and stamped from C.A. shall be attached with this schedule along with
7	Price of Biggest job carried out				Mention Amount and year where completed
8	Experience of execution of O & M work of DG set HT/LT work as per similar nature of work.				Separate sheet should be enclosed with this schedule as supporting documents.
9	A certified copy of power of attorney				
10	Income Tax return copy of last three financial year ending last year				Copy shall be attached with this schedule.

Note: Use extra pages/separate sheet if required.

Signature of the Tenderer:

Name:

Company's seal:

Date:

Addl. Chief Engineer

AMC

(Electrical)

SCHEDULE-A.2.3 DETAILS OF PARTNERS / DIRECTORS AND TECHNICAL PERSONNEL WHO ARE PROPOSED FOR THIS CONTRACT

S. N.	Name of Proprietor/Partners/Employees	Qualification	Total Professional experience	Details of works carried out	Since how long in service with bidder	Remarks
1						
2						
3						
4						
5						

Note: Use extra pages/separate sheet if required.

Signature of the Tenderer
Name
Company's seal
Date

Add. Chief Engineer
(Electrical)
AMC

SCHEDULE-A.2.4:- DETAILS OF THE SITC /MAINTENANCE WORKS CARRIED OUT BY THE BIDDER DURING LAST 7 YEARS PERIOD IN INDIA
--

S. N.	Name of Work	Place	Bided Cost	Date of Start	Date of Completion		Principal Feature
					Prescribed date of completion	Actual date of completion	
1							
2							
3							
4							
5							

Note: Use extra pages/separate sheet if required.

Signature of the Tenderer
Name
Company's seal
Date

Addl. Chief Engineer
(Electrical)
AMC

SCHEDULE-A.2.5:-DETAILS OF THE WORK IN HAND AND WORKS BIDED FOR AS ON THE DATE OF SUBMISSION OF THE BID IN INDIA

S. N.	Name of Work	Place	WORKS IN HAND			WORKS TENDERED FOR			Main features of the work
			Bided Cost	Cost of Work remaining to be executed as on date	Anticipated Date of Completion	Bid Cost	Date when decision is expected	Stipulated date & period of Completion	
1									
2									
3									
4									

Note: Use extra pages/separate sheet if required.

Signature of the Tenderer
Name
Company's seal
Date

Addl. Chief Engineer
(Electrical)
AMC

SCHEDULE-A.2.6: -WORKS LEFT INCOMPLETE

S. N.	Name of Work	Nature of Work	Name and Address of Client with phone nos.	Name and Address of Consulting Architects/Engineers with phones nos.	Value of Works	Commenced	Termination Reasons	Arbitration proceedings, if any, and award thereon
1								
2								
3								
4								

Note: Use extra pages/separate sheet if required.

Signature of the Tenderer
Name
Company's seal
Date

Addl. Chief Engineer
(Electrical)
AMC

<p>SCHEDULE-A.2.7:- DETAILS OF EQUIPMENT IN POSSESSION OF THE CONTRACTOR AND THE EQUIPMENT PROPOSES TO BRING TO THE SITE THIS WORK</p>

S. N.	Type and Description of the Equipment & Capacity	Age and Approximate Value	Numbers the Bidder has in possession	Numbers proposes to bring on to site
1				
2				
3				
4				
5				
6				

Note: - If required separate sheet can be used for more details.

Signature of the Tenderer
Name
Company's seal
Date

Addl. Chief Engineer
(Electrical)
AMC

A-3: SCOPE OF WORK AND SPECIAL INSTRUCTION TO CONTRACTOR

SCOPE OF WORK:

OPERATION AND COMPREHENSIVE MAINTENANCE OF SHARDABEN HOSPITAL FOR TWO YEARS AND SITC OF ELECTRICAL WORK (As When Required) AT SHARDABEN GENERAL HOSPITAL, SARASPUR, AHMEDABAD.

Scope of work of LED Fixtures replacement

The scope of work OPERATION AND COMPREHENSIVE MAINTENANCE FOR TWO YEARS AND SITC OF ELECTRICAL WORK (As When Required) OF SHARDABEN GENERAL HOSPITAL, SARASPUR AT AHMEDABAD of Ahmedabad Municipal Corporation at Danapith with Two years Free Replacement Warranty. The above scope is not too limited the bidder shall responsible to execute the work as per provided details in entire tender volume.

- The Replacement of Electrification work should be based on factors like quality, economy, effective time saving, space requirement and above all complete satisfaction to the AMC with least electrical power consumption. All such factors will be taken into consideration before award of contract/work irrespective of the price quoted.
- The bidder shall responsible to remove old fixture and their accessories and keep in store or allotted space.
- During replacement time any damage happen the bidder shall fully responsible.
- During installation of new fixture the required accessories like connector, cable, POP work, cutting work, pasting in ceiling work, color work etc... will be done by bidder and bidder shall ensure the replacing fixture will fix in blowing/working condition.
- The mentioned scope is not limited to the work the entire work shall be carried out as per AMC instruction and as per tender volume.
- In some of place already LED fixture installed those fittings will not replace by bidder but if Engineer – In-Charge ask to replace them then bidder shall responsible to replace those fittings on his quoted rate no extra cost paid by AMC.
- During warranty and defect liability period time the bidder shall replace or repair the installed fixture within 24 hours after getting call from Engineer-In-Charge (EIC) or appointed authorize engineer by AMC.
- The bidder shall take the materials after getting conformation from Engineer-In-Charge (EIC) (Electrical).
- Bidder shall take provision of safety and other scope as mentioned in this tender volume.
- The bidder shall responsible to keep record and security of removing old fittings and his accessories, the AMC shall not responsible those removed materials. The AMC shall give only permission for take the materials from outside premises of AMC compound after completed of work
- The work is going in working offices premises hence bidder shall take provision and proper co-ordination with Engineer- In-Charge for easy to complete work without disturb or intrub the working of officers.
- Removed stock and materials will not kept in lobby and offices the bidder shall ensure that in every day removed materials take from site and kept in store.

- During replacement or installation or both the time if any damage or effect to existing system the bidder shall repair or replace the damage part or replace the materials in his own cost.
- If any old fixture and accessories damage during execution time the AMC will not responsible and not accept any claim by bidder.
- The bidder shall ensure that not to effect existing internal electrification work, if effected the bidder shall resolve the fault in his own cost including required materials labour etc.,.
- The bidder at his own risk and responsibility with safety measures/ Insurance, for the above said work.
- Bidder Must Be cares his labour and supervisor and helper and all employees for medical treatment. All staff must be fully vaccinated. And follow any government guide line for realted health or human he must be follow and submit necessary evidence documents to AMC.
- The bidder shall visit the site to clarify the scope of works, any query related to the tender shall not be entertained after bid is opened.
- The bidder shall have all labour licences and safety licences in any case required.
- Rates shall be quoted only after a site visit and getting explanation from the respective authority of the said works.
- No discussions or query shall be entertained or accepted after opening of the price bid.
- Technical data sheet must filled by bidder.
- Tender Form” – Must be filled by bidder with provide necessary supporting documents.
- Tenderer must be maintain minimum stock at AMC store/in his store during warranty period. The Minimum 5% of each category Fittings stock kept in AMC store. And it will maintain entire warranty period. If bidder fail to maintain stock as mentioned above the AMC has rights to put penalty or forfeit his security deposits and take action for black listing.
- Tenderer must have to arrange and bear all the cost inclusive inspection agency charges for inspection & testing of LED Fittings and other all products by AMC officials and third party inspecting agency. Tenderer shall have to communicate date of inspection & testing well in advance so that we may depute our engineer during third party testing.
- The scope of work shall include buyback with design manufacturing, testing supply and replace of the indoor LED fittings as per AMC tender specifications.
- The above quantities is tentative it may change as per site situation. And the buyback materials will in any condition whether is working or nonworking the successful bidder take the materials from site.
- Successful bidder submits the Technical specification with LM-79 and Samples for approval to Engineer-In-Charge within 10 days after issued of LOA/Work Order. After Approval of sample by AMC the Bidders shall arrange factory Inspection within 15 Days. Successful bidders shall start the work within 10 Days after getting TPI Release Note of Material or dispatch clearance getting from TPI.
- Bidders must be site visit before bidding. After opening of Price Bid no any arguments consider by AMC
- As this is the main office of AMC. All dignitary are seating in this office, so work and fittings selection for dignitary offices will be decided by Engineer –In-Charge as per special requirement and bidder shall responsible to supply this lights on his quoted rate the AMC does not paid any extra cost of special lights. the light may be required CCT 3500 K To 4500 K The remaining Specification are to be same as given in technical DATA sheet.

- The Special Required Lights are more than 15 % of total quantity installed shown in price schedule .

Scope of work of SITC ITEMS:

- The SITC of Electrical Work Must Be Carried out as per instruction given by AMC officer. Also follow building lighting code, latest amended BIS and Other applicable standard for Electrical and other works as per BOQ
- Any accident, fire, damage or theft in related all such case the bidder shall responsible the AMC does not allowed claiming extra payment.
- If any items not mentioned in scope of work the bidder must be follow instruction given by AMC officer and work carried out as per applicable latest amended standard/BIS/IEC etc...
- The mentioned scope is not limited to the work the entire work shall be carried out as per AMC instruction and as per tender volume.
- During warranty and defect liability period time the bidder shall replace or repair the installed fixture within 24 hours after getting call from Engineer-In-Charge (EIC) or appointed authorize engineer by AMC.
- The bidder shall responsible to remove old fixture and their accessories and keep in store or allotted space.
- The bidder shall take the Buy Back materials after getting conformation from Engineer-In-Charge (EIC) (Electrical).
- Removed stock and materials will not kept in lobby and offices the bidder shall ensure that in every day removed materials take from site and kept in store.
- The bidder at his own risk and responsibility with safety measures/ Insurance, for the above said work.
- Bidder Must Be cares his labour and supervisor and helper and all employees for medical treatment. All staff must be fully vaccinated. And follow any government guide line for realted health or human he must be follow and submit necessary evidence documents to AMC.
- The bidder shall visit the site to clarify the scope of works, any query related to the tender shall not be entertained after bid is opened.
- The bidder shall have all labour licences and safety licences in any case required.
- Rates shall be quoted only after a site visit and getting explanation from the respective authority of the said works.
- No discussions or query shall be entertained or accepted after opening of the price bid.
- Technical data sheet must filled by bidder.
- Tender Form” – Must be filled by bidder with provide necessary supporting documents.
- The scope of work shall include buyback with Design, Supply, Installation, testing and commissioning of Electrical and other works as per AMC tender specifications
- The above quantities is tentative it may change as per site situation. And the buyback materials will in any condition whether is working or nonworking the successful bidder take the materials from site.
- Bidders must be site visit before bidding. After opening of Price Bid no any arguments consider by AMC.
- Arrangement of Temporary power, Drinking water, Urinals and any other requirement for execution of work in Bidders scope.

- Bidders must take a approval of Panel Drawing and Technical Data Sheets , Lift, Pumps etc from the AMC EIC within 15 Days of Issuing of LOI.
- Bidders must take approval of samples as per tender make form AMC EIC.
- The scope of work under this contract comprises OPERATION AND COMPREHENSIVE MAINTENANCE OF SHARDABEN HOSPITAL FOR TWO YEARS AND SITC OF ELECTRICAL WORK (As When Required) **AT SHARDABEN GENERAL HOSPITAL, SARASPUR,AHMEDABAD**. Carried out and completed under this contract in every respect in conformity with the current rules and regulations of the local authority, the Indian Standard Institution or other relevant codes, and with the directions of and to the satisfaction of the Client. The Contractor shall supply all labour and supply and install all materials, appliances, equipment necessary for the complete provision and testing of the whole Installation as specified herein. The work shall include as per below
- The manpower will be deputed for operation after completion of SITC work and comprehensive maintenance also count after completion of SITC work.
- The Operation & Comprehensive maintenance work should be based on factors like quality, economy, effective time saving and above all complete satisfaction to the Engineer-in-Charge of AMC.
- During the SITC work the tender have to maintain the power on Continues and if any fault creates then it must be solved by tender.
- If the tenderer have to take shut down/power off then it should be take permission from the authorized person.
- If the tenderer have to take shut down/power off then it should be taken at own risk and arrange all the facilities, man power etc.

A.3.1 The Supply and installation follow items as per instructions, drawings, specifications and BOQ up to satisfaction to the Engineer-in-Charge of AMC.

1. SITC of LV Floor panel as per BOQ, drawing and specifications
2. SITC of Lighting and Power Distribution board as per BOQ,specifications
3. SITC of LV cable as per BOQ, drawing and specifications
4. SITC Internal wiring for fan, light and socket as per BOQ, specifications
5. SITC supply of light fixture and fans as per BOQ, specifications
6. SITC Earthing system for lift and floor panels as per BOQ, specifications
7. SITC External lighting as per BOQ, drawing and specifications
8. SITC Telephone wiring as per BOQ, drawing and specifications
9. Replacement of existing FTL (tube light) light fixture by LED Tube lights in Hospital building.
10. Removal, transfer to as per instructed in charge engineer and handing over of following items
 - existing wires, pipes, conduits, accessories
 - existing distribution boards
 - existing cables

- existing light fixtures
- existing fans
- existing street light poles
- existing FTL from New Hospital Building
- existing fan in new building

Above job shall be completed within 02 Intimation of workorder.

Here, drawing of panel is provided but they are for reference only it may be vary as per site requirement. Successful bidder cannot do any objection.

Contractor has to work on instruction of engineer-in-charge. Removal of existing items and provision of new items in existing functioning area shall be done strictly in stipulated time given by AMC officers.

The bidder must be offer inspection call well in advance at least one week before inspection date at manufacture place. The AMC and TPI carried out witness inspection as per latest revision of BIS and Approved documents. Inspection all charges bare by successful bidder.

A.3.2 GENERAL

A.3.2.1 Contractors shall provide: All equipment's necessary to carry out the working & all the material required for the said job shall be provided by the contractor. The labor with supervision shall be provided by the contractor.

A.3.2.2 Material quality: All the materials used in the work are to be of the very best quality of their respective kinds as specified or described, and all materials to be used in and about every part of the work may be tested by means of machines, instruments and appliances as the Client may direct and wholly at the expenses of the Contractor.

A.3.2.3 Rates: A rate for any one description of work in the schedule of quantities and rates is to be held to include each items of other classes of work as are obviously necessary for its due completion and, for these, no separate or specific charge will be admitted.

A.3.2.4 Measurements:

- a) The Contractors or their representative shall accompany the Engineer-in-Charge or his authorized representatives when required to do so, and assist in taking the measurements and shall agree to the measurements recorded on the spot.
- b) All measuring tapes shall be of steel and scaffolding and the Contractor shall supply ladders that may be required for taking measurements.
- c) If the Contractors fail to accompany the Engineer-in-Charge or any other person that has been duly authorized by the Client to take measurements, they shall be bound by the measurements recorded by the Client or his representatives.

A.3.2.5 Supervising: The supervisors shall always carry with them the required tool box together with measuring tape and pad to note any and all the instructions given during the visit of client and or its architect.

A.3.2.3 Protection: The Contractors must cover up and protect from injury from any cause all works

A.3.3 MATERIALS AND WORKMANSHIPS

A.3.3.1 General: All materials brought on the site of works and meant to be used in the same, shall be the best of their respective kinds and to the approval of the Client.

A.3.3.2 Check: The Contractors shall check each fresh consignment of replaced materials, as it is brought on to the site of the works, to see that they conform in all respects to the specification and / or the samples approved by the Client or his representatives.

A.3.3.3 Testing: The Client will have the option to have any of the materials tested to find whether they are in accordance with the specification, and the Contractors will bear all expenses in that connection. All bills, vouchers and test certificates which, in the opinion of the Client or his representatives are necessary to convince him as to the quality of the materials or their suitability shall be produced for his inspection on requisition.

A.3.3.4 Storing: The material shall be stored or stocked on the site as directed by the Client. The space required for storing will be provided by client as per mutual agreed between.

A.3.3.5 Special Materials: Any special materials that may be required on the works which are supplied by any other person or firm selected by the Client or by the Client on their behalf shall be taken over in writing by the Contractors for safe custody until they are required on the works when called upon to do so by the Client. The Contractors will be responsible for all special materials or articles, which may be supplied by specialists.

A.3.4 Interchange Ability-All similar parts or equipment shall be interchangeable, with one another.

A.3.5 Working Area

Contractor shall responsible to acquire the area for the storage of Materials & other works provided by Client.

The Contractor shall be responsible for obtaining all necessary permits for procurement of materials as well as works.

Client or any authorized representatives appointed for this work shall not be responsible for any loss due to theft, pilferage, fire, accident or any other reasons, whatsoever. No any extra payment shall be paid to the Contractor in such case for replacement of material.

Time is the essence of this contract and work is to be done in running College/ Hospital premises with all sorts of safety aspects.

Client / Employer is not responsible or liable for any financial matter to pay any sub-contractor, vendors or his employees in any matter or work.

All material shall be used as per IS, other relevant codes / manufacturer specification subject to prior instruction & approval from Client / Consultants

A.3.6 DISPUTES: Any legal dispute with the Contractor(s) will be settled with court of law within the area subject the Ahmedabad jurisdiction and shall be referred to Arbitration under Arbitration and conciliation Act 1996 and amended from time to time.

A.3.7 CLEARING SITE ON COMPLETION: On completion of the Works, the Contractor shall clear away and remove from the site all Constructional Plant, surplus materials, rubbish, Temporary Works of every kind and leave the whole of the site and the works clean and in a workmanlike condition to the satisfaction of the Engineer. No separate payment shall be made on his account.

A.3.8 SAFETY MEASURES AND SERVICES: The Contractor shall be responsible for the safety of all workmen and other persons entering or in the works and shall take all measures necessary to ensure their safety to the approval of the Engineer's Representative. Reference in these respects shall also be made to the Conditions of Contract and safety provisions but in particular, such measures shall include the following:

A.3.8.1 Provision and maintenance of suitable lighting to provide adequate illumination of works with appropriate spares and standby equipment;

A.3.8.2 Provision and maintenance of safe, sound mechanical equipment, each item of plant having an up-to-date testing certificates;

A.3.8.3 Provision and maintenance of safe, sound, ropes, slings, pulleys and other lifting tackle, each appliance having an up-to-date testing certificate where appropriate;

A.3.9 SITE TO BE KEPT TIDY: The Contractor shall keep the site and all working areas in a tidy and workman like condition and free from rubbish and waste materials. Any temporary works, constructional plant, materials or other things which for the time being are not required for use by the Contractor may with the consent of the Engineer's Representative be removed from the site but otherwise shall be dispersed about the site in an orderly fashion and shall be properly and securely stored thereon.

A.3.10. IMPORT LICENSE

For importing any item if any import license / L.C. is required, the Contractor shall make required arrangements. Any delay on this account shall be to Contractors account.

2. **A.3.11 FREE SUPPLY OF MATERIALS / EQUIPMENT BY CLIENT**

If any material / equipment is supplied by OWNER to the Contractor during Contract implementation then the Contractor shall receive these materials and equipment at site, handle with care and store them as directed by the Owner's representative at site. The Contractor shall be responsible for the safe custody and shall insure all materials against theft and damage by fire and earthquake. The Contractor shall maintain records of consumption as per Engineer-in-charge instruction. In case of any damage to the material resulting in its not being suitable for use at site the Contractor shall have to replace the same material at his own cost and without in any way affecting the time schedule of the project. The Contractor shall return the surplus material back to the Owner in original condition during the handing over process.

3. **A.3.12 INSPECTION AND TESTING**

Owner reserves the right to inspect any Equipment / Material to be supplied by the contractor as part of his/her scope of work, at manufacturer's works to confirm their conformity to the Contract. The special conditions of contract and / or the Technical Specification shall specify what inspections and tests the Client requires and where they

are to be conducted The Contractor shall provide and secure for the Client and his Authorized Representative every reasonable access and facility at the manufacturer works for inspection and testing.

All equipment shall be inspected and tested as per an agreed Quality Assurance Plan before the same is packed and dispatched from the Manufacture's Works. The Contractor shall carry out tests as specified/directed by Client or his representatives.

All the expenses related to inspection at manufacturer's works and at site viz. lodging and boarding, all facilities of including Consultant /Third Party Inspection (TPI) fees and other related commercial expanses as and where required shall be borne by the Contractor. Mode of transportation is Air lines only and for stay minimum 3 star hotel. If Air lines facility not nearby city then through then through 1st class Air conditioning train /Air Conditioning comfortable car

Contractor has to consider lodging; boarding with all facilities for 4 persons from Client and his authorized representatives for only Client inspection

Contractor has to consider lodging, boarding with all facilities for 4 persons from Client and his authorized representatives plus Consultant /Third Party Inspection (TPI) fees and other related commercial expanses as and where required for combine inspection with TPI

All major equipment inspections and tests may be conducted on the premises of the Supplier at point of delivery. In presence of **Third Party Inspection (TPI) and/or Client and its representative.**

TPI firms decided by Client (AMC) and contractor have to correlate with Consultant/TPI and Client to carry out inspection and testing within stipulated time period so that project schedule time can be adhered to. If re inspection required for the same materials in such case all above responsibility and rules applicable for joint inspection

Should any inspected or tested Goods fail to conform to the Specifications, the Client may reject the same and the Contractor shall either replace the rejected Goods or make all alterations necessary to meet specification requirements free of cost to the Client. The tenderer shall be responsible for communication and co-ordination between all supplier for the compatibility of the various electrical and mechanical equipment's. If some data or specification is missing/misleading then the on AMC's request, the tenderer shall provide the same in the good interest of the project without additional cost.

The Client's has right to inspect, test and, where necessary, reject the Goods after the Good's arrival at site and shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Client or its representative prior to the Goods' shipment from the manufacturer Place/country of origin.

Approvals or passing of any inspection by the owner or his authorized representative shall not, however, prejudice the right of the Engineer-in-Charge to reject the material if it does not comply with the specification when erected or give complete satisfaction in service.

BOTH TPI AND CLIENT INSPECTION ON: LT Switch Gear, with all cables and other equipment as per client requirement.

I/We hereby do certify that I/We have read above instruction A.3.1. to A.3.12 of “Scope of Work” carefully and understood very well and taken into account while tendering and have quoted our firm price accordingly.

Signature of the Tenderer

Name

Company’s seal

Date

Addl. Chief Engineer

(Electrical)

AMC

A – 4:- INSTRUCTIONS TO TENDERERS

A.4.1 NOTE

- A.4.1.1 These instructions are provided to assist tenderers while preparing their tenders.

A.4.2 INVITATION TO TENDER

- A.4.2.1 The Municipal Commissioner, AMC shall receive tenders for OPERATION AND COMPREHENSIVE MAINTENANCE OF SHARDABEN HOSPITAL FOR TWO YEARS AND SITC OF ELECTRICAL WORK (As When Required) AT SHARDABEN GENERAL HOSPITAL, SARASPUR, AHMEDABAD. According to the specifications and Schedule of Quantities and in the tender documents herewith attached.

- A.4.2.2 Tenders shall not be accepted after the hour and date fixed for receiving of tenders. Telegraphic tenders shall not be accepted under any circumstance. Tenders received after the hour and date so fixed shall not be considered. Tenders shall be received only by Regd. Post A D / Speed Post / Hand delivery on or **before due date and time as mentioned in Tender notice**. Tenderer's authorized representatives may attend the tender opening. The tenders shall be **opened at the date and time as mentioned in Tender notice**.

- A.4.2.3 Tender documents are not **transferable**.

A.4.3 TENDER VALIDITY PERIOD

- A.4.3.1 The tender shall be kept valid for acceptance for a period of one hundred twenty days **(120)** calendar days from the date of opening of price bid of tender online.

A.4.4 LANGUAGE OF TENDER

- A.4.4.1 Tenders shall be submitted in English, and all information in the tender shall be in English. Information in any other language shall be accompanied by its translation in English. Failure to comply with this may disqualify a tender. Only English text shall be governing.

A.4.5 TENDER FEE, EARNEST MONEY, SECURITY DEPOSIT AND PERFORMANCE GUARANTEE

- A.4.5.1 Each tender must be accompanied with Tender Fee in D.D. only and Earnest Money in the form of D.D./ Bank guarantee in favour of **"Municipal Commissioner, AMC"** Payable at Ahmedabad of banks mentioned in Annexure-I only.
- A.4.5.2 Tenders not accompanied by Tender Fee, Earnest Money as required shall be rejected as non-responsive.

- A.4.5.3 If during the tender validity period, the tenderer withdraws his tender offer or the successful tenderer fails to remit the contract paper within 15 calendar days after receiving date of L.O.I./Work Order and fails to submit security deposit, **the earnest money shall be forfeited and the tenderer may be disqualified from tendering for further works with the AMC.**
- A.4.5.4 After the awarding of contract has been finalized, the Earnest Money shall be returned to the respective tenderers as early as possible, with the exception of the successful tenderer.
- A.4.5.5 After submitting security deposit with signing contract paper of requisite amount successful tenderer's earnest money deposit shall be released.
- A.4.5.6 E.M.D. amount can also be converted into a part amount of Security Deposit
- A.4.5.7 No interest shall be paid on any tender deposit.
- A.4.5.8 Other conditions for security deposit/ performance guarantee as per Section a 2:- "Memorandum of Works in Brief".

A.4.6 INCOME TAX RETURN

In case of domestic tenderers, the tender must be accompanied by an Income-Tax return copy of last three financial years. **If a tender is submitted without complying with these requirements, it is liable to be rejected outright.**

A.4.7 GENERAL PERFORMANCE DATA

- A.4.7.1 Tenderers shall present the following information along with their tenders in duplicate:
- (a) Evidence of financial capacity to execute a contract of this magnitude in terms of solvency certificate, annual turnover and price of biggest job carried out.
 - (b) The tenderers are requested to furnish requisite information as described in Section: A-5 so as to enable the competent authority to decide the technical and financial capability of the tenderer, based on which, the tenderer shall be evaluated.
 - (c) Experience of similar works with names of authorities for which the works were executed along with completion / performance certificate from the owner with specific mention that work is completed in time and it is completed satisfactorily.
 - (d) List of current jobs of comparable nature along with starting date and likely completion dates with their contract values.

- (e) The extent of responsibilities carried by Contractors associated with the tenderer.
- (f) General detail of tenderers' organization, management, staff and personnel, Facilities for design and execution

A.4.7.2 Tenders shall not be considered if the above information is not provided or is considered to be unsatisfactory.

A.4.8 SIGNING OF TENDER DOCUMENTS

A.4.8.1 Tenderers are requested to quote the Percentage rates and their total offered amount of the work and also sign the Schedule of Quantities in Volume-II etc. after making appropriate inquiries wherever necessary.

A.4.8.2 If the tender is made by an individual, it shall be signed with his full name above his current address.

A.4.8.3 If the tender is submitted by a proprietary firm, it shall be signed by the proprietor above his name and the name of his firm with its current address.

A.4.8.4 The tenderer or in the case of a partnership firm the bidder or the person authorized to sign on behalf of the bidder shall sign the bid document. The Copy of legal status of bidder (Partnership Deed or Articles of Association of the Company along with authority to sign digitally on behalf of the bidder will be furnished along with other documents to be dispatched physically.

A.4.8.5 If the tender is made by a Pvt Ltd or a Limited Company, it shall be signed by a duly authorized person holding the power of attorney for signing the tender, in which case, a **certified copy of the power of attorney shall accompany the tender. Such limited Company or Corporation may be required to furnish satisfactory evidence of its existence before the contract is awarded.**

A.4.8.6 Joint Venture: Not Applicable

A.4.8.7 All witnesses and sureties shall be persons of status and probity and their full names, occupations and addresses shall be stated below their signatures.

A.4.8.8 The tenders from Contractors shall be accompanied by an attested copy of income-tax return copy of last three financial years.

A.4.8.9 All Signatures in the tender documents shall be dated.

A.4.9 INTERPRETATION OF DOCUMENTS

Tenderers shall carefully examine the Tender Documents and fully inform themselves as to all the conditions and matters which may in any way affect the work or the cost thereof. Should a tenderer find discrepancies in or Commission From the specification or other documents, or should be in doubt as to their meaning, he/she should at once address a query to the Add. Chief Engineer (Electrical), 5 Floor, "C"-Block, Sardar Patel Bhavan, Danapith,

Ahmedabad-380 001. Any resulting interpretation of the Tender Documents shall be issued to All tenderers as an Addendum. Verbal clarification and / or information given by the any employee/officer of AMC shall not be binding on the AMC.

A.4.10 MODIFICATION OF DOCUMENTS

A.4.10.1 Modifications of specifications and extension of the closing date of the tender, if required, shall be made by an Addendum. Copies of each **Addendum shall be put up on website www.tender.nprocure.com / www.amc.tender.nprocure.com. These shall be signed and submitted along with tender documents by the tenderers and shall form a part of the tender document.**

A.4.10.2 The tenderer shall not add to or amend the text of any of the documents except in so far as may be necessary to comply with the Addenda.

A.4.11 DOCUMENTS-INFORMATION TO BE SUBMITTED ALONG WITH VOLUME-I (TECHNICAL BID)

A.4.11.1 The following documents/information must be submitted by the tenderer in duplicate along with Volume-I of the tender.

- i. A Certificate of registration as asked
- ii. An Income-tax returns copy of last three financial years.
- iii. If the tender is not submitted by an individual, the necessary certified copy of the power of attorney, a certified copy of the partnership deed and other relevant information in this connection as detailed in Clauses A.4.8.3 to A.4.8.7 of Instruction to Tenders – (Volume-I).
- iv. A solvency certificate as detailed in section A: 5 Eligibility Criteria.
- v. General details of tenderer's organization, management, staff and personnel, facilities for design and execution.
- vi. Deviations, if any.
- vii. Relative quality of previous jobs.
- viii. Organization set up.
- ix. Financial Capability.

x. The Contract will be awarded on the basis of overall lowest prices as per N-procure Vol-II.

A.4.11.2 Tenderers not submitting the above mentioned information along with their tenders shall not be considered for evaluation and the tender shall be outright reject.

A.4.12 POLICY FOR TENDERS UNDER CONSIDERATION

- A.4.12.1 Tenders shall be deemed to be under consideration from the opening of tenders, until such time as an official announcement of award is made.
- A.4.12.2 While tenders are under consideration, tenderers and their representatives, or other interested parties, are advised to refrain from contacting by any means any AMC personnel or representatives on matters relative to the tenders under study. The Engineer's Representative, if necessary, shall obtain clarification of tenders by requesting such information from any or all the tenderers either in writing or through personal contact, as may be necessary.
- A.4.12.3 The tenderer shall not be permitted to change the substance of his tender after tenders have been opened. This includes any post tender price revision or major modification. Non-compliance with this provision is a cause for disqualification.

A.4.13 COST OF TENDERING

The AMC shall not defray the expenses incurred by tenderers in tendering and shall not be bound to accept the lowest or any tender.

A.4.14 Award of Contract

- A.4.14.1 Notification of award shall be made in writing to the successful tenderer.
- A.4.14.2 The contract shall be awarded to the technically and financially qualified and responsive tenderer offering the lowest overall evaluated tender or tenders in conformance with specifications subject to the provisions in Clause No. A.4.11 and A.4.12 i.e. Evaluation of tenders and policy for tenders under considerations, mentioned earlier.
- A.4.14.3 A responsive tender is one which accepts all the terms and conditions of the Tender Documents without any major modifications. A major modification is one which affects in any way the price, quality, quantity or completion of works or which limits in any way, any responsibilities or liabilities of the tenderer or any rights of the AMC, as specified in the Tender Documents. The AMC may waive any minor informality in a tender which does not constitute a major modification. However, the failure of successful tenderer to pay 'Security Deposit' and signing the contract shall constitute sufficient grounds for annulment of the award of contract and forfeiture of the earnest money deposit, in which case the Owner/Engineer may award the contract to the next lowest evaluated responsive tenderer. In the event of not finding any such tenderers, the employer is empowered to call for new tenders.
- A.4.14.4 In case, the tender is found technically responsive, tenderer shall be intimated accordingly. Financial tender of only technically qualified tenderer shall be opened. Financial tender of the technically unqualified tenderer shall be **retained un-opened**.

A.4.15 SIGNING OF CONTRACT

- A.4.15.1 The successful tenderer shall be required to execute the Contract within **15 days** of receipt date of L.O.I./Work Order to execute the Contract. If the contractor shall not pay security deposit and shall not sign agreement within 15 days after issuing the first letter from the authority of AMC, his EMD shall be forfeited and such tenderer shall be disqualified for getting further any work in AMC.
- A.4.15.2 The person to sign the contract documents shall be the persons as detailed in Clause No. A.4.8 i.e. signing of tender documents.

A.4.16 STAMP DUTY AND LEGAL CHARGES

It shall be incumbent on the successful tenderer to pay stamp duty on the contract and legal charges for preparation of the contract agreement.

I/We hereby do certify that I/We have read above instruction A.4.1 to A.4.16 of "Instructions to Tenderer" carefully and understood very well and taken into account while tendering and have quoted our firm price accordingly.

Signature of the Tenderer
Name
Company's seal
Date

Add. Chief Engineer
(Electrical)
AMC

A.4.20

Forms

BANK GUARANTEE

For

EARNEST MONEY DEPOSIT / SECURITY DEPOSIT/ PERFORMANCE GUARANTEE

In consideration of the AHMEDABAD MUNICIPAL CORPORATION (here in after to as the corporation) having agreed to exempt _____
(here in after referred to as "the said Contract") from the demand of earnest money / security deposit in cash for the due fulfillment of the terms and conditions of the agreement made between the AMC and the said TENDERER on
_____ For

(Hereinafter referred to us "the said agreement") on production of Bank Guarantee for Rs. _____ Rupees _____ only.

We _____ Bank
(here in after referred to as "Bank") do hereby undertake to pay to the AMC as an amount not Exceeding _____ Rs.
Rupees _____ Only on the demand from AMC.

Any such demand on the bank shall be conclusive as regards as amount due and payable by the bank under this guarantee. However, liability of the bank under this agreement shall Restricted to as amount not exceeding Rs. _____ Rupees
_____ Only.

We the bank further agree that the guarantee herein contain shall remain in full force and effect during the period that would be mentioned in the tender and that it shall continue to be enforceable till all the dues of the Corporation under or virtue of the said agreement have been paid and its claim satisfied or discharged and till a certificate to the effect has

Been received by the bank from the Corporation. However, unless the demand of claim under the guarantee is made to the bank in writing on or before the _____(Specify the date) the bank shall be discharged from all liabilities Under this guarantee.

With the bank further with AMC shall have fullest liberty, without the concert of the bank without effecting in any manner its obligations herein under to vary any of the terms and conditions of the said agreement or extend time for validity by the said tender from time to time or to postpone for any time or from time to time any of the powers exercisable by the AMC against the said Contractor and to forebear to enforce any of the terms and conditions relating to the said agreement and the bank shall not be relieved from liability by reason of any such variation, or extension granted to the contractor for any forbearance, at Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but this provision, have the effect of so relieving the Bank.

We _____ the bank undertake not to revoke the Guarantee during currency except with the previous concert of the AMC in writing.

Dated the _____ day of 2026. For _____ Bank

Principal (Contractor)

Surety (Bank)

Contract No.

And date of Contract

SECTION: A-5
QUALIFICATION CRITERIA FOR BID

A – 5: QUALIFICATION CRITERIA FOR BIDDERS

Qualification shall be based on meeting all the following minimum pass/fail criteria regarding the bidder's general and particular experience, personnel and equipment capabilities, and financial position, as demonstrated by the bidder's responses in the forms attached. The AMC reserves the right to waive minor deviations, if they do not materially affect the capability of a bidder to perform the contract.

A.5.1. Tenderer must have to submit demand draft of banks mentioned in Annexure-I only in Favour "Municipal Commissioner, AMC" payable at Ahmedabad Of Rs.3600/- as tender fee along with the tender.

A.5.2 Tenderer Must Have To Submit Earnest Money Deposit (E.M.D.) In The Form Of Demand Draft Or Bank Guarantee In Favour Of "Municipal Commissioner, AMC" Payable At Ahmedabad From Banks Mentioned In ANNEXURE-1 Only Of Rs.1,06,092/-With their Tender Documents.

A.5.3 The Tenderer must have Class A "Registration as "Electrical contractor " with in state Road and Building department/PWD in Electrical category with latest validity of registration.(Copy of registration certificate must be attached along with tender)

A.5.4 The tenderer must possess current validity valid Electrical Contractor License from Gujarat State or Any State Licensing Board of India. (Copy of license must be attached along with tender)

A.5.5 Experience of having successfully completed similar nature of works during last 7 years ending last day of month previous to the one in which Tender are invited should be either of following.

One similar work completed costing not less than amount of Rs. 84,87,340/-
(80 % of the estimated cost.)

OR

Two similar works completed costing not less than amount of Rs.53,04,587/-
(50% of the estimated cost.)

OR

Three similar works completed costing not less than amount of Rs.42,43,670/-
(40% of the estimated cost.)

In Govt./Semi Govt./State Govt. Organization/Railway/Corporation/Urban Local Bodies.
(Copies of Work order and work completion certificate & BOQ/details of nature of work done must be submitted with tender as a proof of above criteria)

Definition of similar work

Similar Nature of Work means Electrical work of SITC / SITC with O & M work of Electrical Installation — substation ,transformer, DG Set, L.T. Distribution Board, Earthing, Cabling and Internal Wiring in Hospital Building Only. During last 7 years ending last day of month previous to the one in which Tender are invited should be either of following.

(STP,WTP, Pumping Machinery, and Other Electromechanical and its related Work Experience Not Considered)

A.5.6 Average Annual financial turnover in last three financial years shall not be less than Rs. 31,82,752/-(30% of Tender Amount)

(Note: The Audited balance sheets {provisional CA certificate for last year turnover if not audited} for the last three financial years must be submitted along with tender)

A.5.7 The Tenderer shall possess GST registration. (Copy of registration certificate enclosed along with Tender)

A.5.8 Solvency Certificate

The tenderer must possess solvency certificate of value not less than Rs.21,21,835/- (20% of Tender Amount) from Nationalized/Scheduled Bank only. Solvency Certificate should not prior to one year old from last date of online tender submission.

A.5.9 Litigation History

The bidder should provide accurate information on any litigation history or arbitration resulting from contracts completed or under execution by him over the last ten years. This should also include such cases, which are in process/progress. A consistent history of awards against the bidder or any partner of firms may resulting failure of the bid. In case the bidder has not provided such information and has come to the notice of the Authority, the bid shall be rejected at what so ever stage and in such case all the losses that shall arise out of this issue shall be recovered from the bidder/contractor and he shall not have any claim for the same. (Contractor has to submit in writing on letter head having no litigation history since last ten years)The bidder must be provide truth details if found any forge details in submitted documents or any above mentioned documets not attached and submitted in such case the bid staraight away rejected without any given reson.

Signature of the Tenderer
Name
Company's seal

Add. Chief Engineer
(Electrical)
AMC

SECTION: B

B-1: SPECIAL INSTRUCTIONS TO TENDERERS

B-2: GENERAL CONDITIONS OF CONTRACT

B-3: GENERAL INSTRUCTIONS

CONTENTS

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B.1	SPECIAL INSTRUCTIONS TO BIDDERS
B.1.1	Special instructions to persons tendering
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B.1.4	Declaration Form
B.2	GENERAL CONDITION OF CONTRACT (CLAUSE 1 to 78 and ANNEXURE-A)
B.3	GENERAL INSTRUCTIONS

B.1 SPECIAL INSTRUCTIONS TO BIDDERS

B.1.1 SPECIAL INSTRUCTIONS TO PERSONS TENDERING

Hereby Percentage Rate Two-bid system Tenders are invited for and on behalf of Municipal Commissioner, AMC for OPERATION AND COMPREHENSIVE MAINTENANCE OF SHARDABEN HOSPITAL FOR TWO YEARS AND SITC OF ELECTRICAL WORK (As When Required) AT SHARDABEN GENERAL HOSPITAL, SARASPUR, AHMEDABAD.

- B.1.1.1 The duration of operation & Comprehensive Maintenance service contract is mentioned in section A 2 of Volume-I as per the terms of the contract conditions. The Contractor shall have to fill up the rate carefully & genuinely. He/ She should properly evaluate. He/ She should not be allowed to load rate of any item irrelevantly. As being a Percentage Rate tender, the Client shall have right to execute the full or part of the tender. O&M will start after completion of SITC.
- B.1.1.2 Tenderers are advised to visit the site and study the local site conditions in advance of the date fixed for submission of the tender. A tenderer shall be deemed to have full knowledge of all the relevant documents, samples, site etc., whether he inspects them or not.
- B.1.1.3 Submission of a tender by a tenderer implies that he has read this notice and each word of contract documents and has made himself aware of the scope and specification of the work to be done and of conditions and rates at which stores, tools and plant etc., shall be issued to him/her by Government and local conditions and other factors bearing on the execution of the works.
- B.1.1.4 All rates shall be quoted on the online web site www.tender.nprocure.com Price Bid format only.
- B.1.1.5 The tender for the works shall not be witnessed by a Contractor or Contractors who himself / themselves has / have tendered or who may and has / have tendered for the same works. Failure to observe this condition shall render the tender of the contractor tendering, as well as of those witnessing the tender, liable to rejection.
- B.1.1.6 **Tender Vol-I** shall be received by Registered Post A.D. or Speed post or Hand Delivery only at The Office of Tender Office, Central Record Office, Mezzanine Floor "B"-Block, Sardar Patel Bhavan, Ahmedabad Municipal Corporation, Danapith, Ahmedabad – 380 001, Gujarat (INDIA) and technical tender shall be opened as prescribed date and time as mentioned in section-A 2 "Memorandum of Work" in the presence of tenderers who may be present. The tenderer shall submit their tender before the last date & time mentioned elsewhere. The tenderer shall take caution to submit their tender well in advance to avoid rush in tender office.
- B.1.1.7 A tenderer shall submit the tender which satisfies each and every condition laid down in this notice and tender documents, failing which, the tender shall be liable to be rejected.
- B.1.1.8 This notice of tender shall form part of the contract documents.

I/We hereby do certify that I/We have read above instruction B.1.1.1 to B.1.1.8 of "Special Instructions to Bidders" carefully and understood very well and taken into account While tendering and have quoted our firm price accordingly..

Signature of the Tenderer

Name

Company's seal

Date

Addl. Chief Engineer

(Electrical)

AMC

B.1.2 ADDITIONAL INSTRUCTIONS TO PERSONS TENDERING

B.1.2.1. COMPETENCY OF TENDERER

No contract shall be awarded except to responsible tenderers capable of performing the class of work contemplated. Before the award of the contract, any tenderer may be required to show that He / She has the necessary facilities, experience, ability and financial resources to perform the work in satisfactory manner within the time stipulated. Contractor may be required to furnish the corporation with the statement as to their experience and their financial status.

B.1.2.2. Tenderer shall be deemed to have inspected the site and to have satisfied himself as to the nature of all works, all existing roads, water-way and other means of communication and access to and from the site and work and the building that may be required for temporary purpose in connection with the construction, completion and maintenance of the works and must make his own enquiries as to work, yard sites and depot, and dumps and as to acquisition of such additional sites and areas as may be necessary for temporary purpose for constructing, completing and maintaining the works.

B.1.2.3 The tenders shall be received under Registered Post AD/ Speed post /Hand Delivery in persons, should not be adopted under the circumstances.

(i) Late tenders (i.e. tender received after the specified time of opening), delayed tenders (i.e. tenders received before the time of opening but after due date and time of receipt of tenders) and post tender offers shall not be opened and considered at all.

(ii) The tenders received (by registered post) after the time and the date specified in the tender notice shall not be received by the concerned office from the postmen, for which, date and time may be recorded on the cover of the tender as to when tender was refused by the concern officer or Administrative Head or any other person in charge.

(iii) Necessary records should be maintained for refusal of such tenders in the registers for receiving tenders and should be initialed by tender officer, Administrative Head or any other person in charge.

(iv) The Tenderer shall have fully equipped office set up with technical staff in city Of Ahmedabad when awarded the contract.

B.1.2.4 The tenderer must understand clearly that the rates quoted are for completed works and include all costs due to labour, scaffolding plant, supervision, service work, power, royalties and any legally chargeable taxes in vogue etc. and to include all extras to cover the cost of night work if and when required and no claim for additional payment beyond the price or rates quoted shall be entertained and the tenderers shall not be entitled subsequently to make any claim on the ground of misrepresentation or on the ground that he was supplied with information given by any person (whether the member is the employee of AMC or not). Any failure on his part to obtain all necessary information for

The purpose of making his tender and filling the several prices and rates therein shall not relieve him from any risks or liabilities arising out of or consequent upon the submission of the tender.

B.1.2.5 TENDER FORMS

Every 'blank' in the form of tender and in the schedule must be filled up by the tenderer and must return the document sent herewith.

B.1.2.6 ERASURES

Persons tendering are informed that no erasures or alterations by them in the text of the document sent herewith shall be allowed and any such erasures or alterations shall be disregarded. If there is any error in writing, no overwriting should be done, the wrong word or a figure should be struck out and the correct one written above or near it in unambiguous way. Each correction should be initialed.

B.1.2.7 TENDER FOR WORKS

I/We hereby tender for the execution for the Ahmedabad Municipal Corporation (hereinbefore and hereinafter referred to as AMC) of the work specified as per technical specifications and as per schedule of quantities mentioned in Vol-II (memorandum showing item of works to be carried out) and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in this tender.

I/We hereby do certify that I/We have read above instruction B.1.2.1 to B.1.2.7 of "Additional Instructions to Person Tendering" carefully and understood very well and taken into account while tendering and have quoted our firm price accordingly.

Signature of the Tenderer
Name
Company's seal
Date

Addl. Chief Engineer
(Electrical)
AMC

B.1.3 GENERAL RULES AND DIRECTIONS FOR THE GUIDANCE OF CONTRACTORS

- B.1.3.1 Where the works are proposed to be executed according to the specifications recommended by a contractor and approved by a competent authority of the AMC, such specifications with designs and drawings shall form part of the accepted tender.
- B.1.3.2 Receipts for payment made on account of any work, when executed by a firm, shall also be signed by all the partners except where the contractors are described in their tender as a firm in which case the receipts shall be signed in the name of the firm by one of the partners or by some other person having authority to give effectual receipts for the firm.
- B.1.3.3 The Concern Officer of AMC shall open tenders in the presence of any intending contractors who have submitted tenders or their representatives who may be present at the time and he shall enter the amounts of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, the contractor shall, there upon, for the purpose of identification, sign copies of the specifications and other documents mentioned in this tender.
- B.1.3.4 The Insurance Company's bond will not be accepted against the security deposit.
- B.1.3.5 No foreign exchange shall be released by the Corporation for the purpose of plant and Machinery required for the execution of the work contracted for.
- B.1.3.6 The tender for the work shall remain open for a period of 120 Calendar days from the date of opening of tender financial bid online for this work and that the tenderer shall not be allowed to withdraw or modify the offer on his own after handing over the tender to the postal authorities for dispatch during this period. If any tenderer withdraws or makes any modifications, or additions in the terms and conditions of this tender not acceptable to the AMC then the Corporation shall, without prejudice to any right remedy, be at liberty to forfeit in full the said earnest money absolutely. In this connection G. R. R. and BD No. TNC-IIB-22-(10)-C dated 14-8-90 should be referred to.
- B.1.3.7 The buildings under the contract shall not be occupied by the contractor for use of the labours, staff or for any other purpose. In case of breach of this condition market rent shall be recovered for the area unauthorized occupied.

I/We hereby do certify that I/We have read above instruction B.1.3.1 to B.1.3.7 "General Rules and Directions for the Guidance of Contractors" carefully and understood very well and taken into account while tendering and have quoted our firm price accordingly.

Signature of the Tenderer
Name
Company's seal
Date

Addl. Chief Engineer
(Electrical)
AMC

B.1.4 DECLARATION FORM

- B.1.4.1 I/ We hereby declare that I / We have perused in detail and have examined closely the specifications/scope of work/general terms and conditions/special terms/important instructions/note described in the tender document. I / We hereby agree to be bound by and comply with all such specifications/terms, conditions etc.
- B.1.4.2 I / We also certify that I / We have visited the sites and inspected the locations of the proposed work before quoting my/our rates and will not claim any extra towards minor/major item related the job.
- B.1.4.3. I/We also confirm that I/We have understood intent and content of the tender and I/We assure t h a t I/We shall abide by all intents of the tender besides its wordings.
- B.1.4.4. I/We also confirm that my/our offer is strictly in line with tender stipulations/terms/conditions and understand that deviation of any kind, if found, my / Our offer will be summarily rejected.

I/We hereby do certify that I/We have read above instruction B.1.4.1 to B.1.4.4 “General Rules and Directions for the Guidance of Contractors” carefully and understood very well and taken into account while tendering and have quoted our firm price accordingly.

Signature of the Tenderer
Name
Company's seal
Date

Addl. Chief Engineer
(Electrical)
AMC

B-2 GENERAL CONDITIONS OF CONTRACT

B.2.1 Work to be open to inspection Contractor or responsible agent to be present : All works under or in course of execution or executed in pursuance of the contract shall at all times, be open to the inspection and supervision of the Engineer-in-charge and his subordinate and the Contractor shall, at all times during the usual working hours, and at all other times at which reasonable notice of the intimation of the Engineer-in-charge or his subordinate to visit the works shall have been given to the Contractor, either himself be present to receive orders and instructions or have a responsible agent duly accredited in writing present for that purpose. Orders given to the Contractor's duly authorized agent shall be considered to have the same force and effect as if they had been given to the Contractor himself.

B.2.2 If the Contractor or his workmen, or servants shall break, deface injure or destroy any part of the building or work in question or work in question in/on which they may be working or any building, road, fence, enclosure or grass-land or cultivated ground contiguous to the premises on which the work or any part thereof is being executed or if any damage shall be done to the work from any cause whatever before completion of the work or before the completion of the maintenance period whichever is later or any damage occurred / caused due to normal flood or rain or if any imperfections become apparent in it within three months from the grant of a certificate of completion, final or otherwise by the Engineer-in-charge the Contractor shall make good the same at own expenses or in default, the Engineer-in-charge may cause the same to be made good by other contractor and deduct the expenses (of which the certificate of the Engineer-in-charge shall be final) from any sums that may thereafter become due to the contractor or from his security deposit/performance bond or the proceeds of sale thereof or a sufficient portion thereof.

B.2.3 Force Majeure : Neither party shall be liable to the other for any loss or damage occasioned by or arising out of acts of god, and in particular, unprecedented Floods, volcanic eruption, earth quake or other convulsion of nature, and other acts such as but not restricted to general strike, invasion, the act of foreign countries, hostilities or war like operations before or after declaration of war, rebellion, military or usurped power which prevent performance of the contract and which could not have been for seen or avoided by a prudent person. Bidders must be adopt all rules and regulation, policy, and circular of State and central Govt. Department

NOTE: "Unprecedented flood" means the flood crossing the high flood level of the past 50 years which is on the available record. (Modified Vide R & B D.G.R. No. TNC – 1096 – IB –143 – (16) – C dated 11-1-99.

B.2.4 Contractor to supply plant, ladders, scaffolding etc., and is liable for damage arising from non-provision of lights, fencing etc. : The Contractor shall supply at his own cost all materials (except such special materials if any, as may, in accordance with the contract of be supplied from the AMC Stores), plant, tools, appliances, implements, ladders, cordage, tackle, scaffolding and any temporary works which may be required for the proper execution of the work whether in the original, altered or substituted from and whether included in the

specifications, or other documents forming part of the contract or referred to in these conditions or not and which may be necessary for the purpose of satisfying or complying with requirements of the Engineer-in-charge as to any matter or to which under these conditions he is entitled to be satisfied or which he is entitled to require together with carriage therefore to and from the work. The Contractor shall also supply without charge the requisite number of persons with the means and material necessary for the purpose of setting out works and counting, weighing and assisting in the measurement or examination at any time and from time to time, of the work or the materials. Failing this, the same may be provided by the Engineer-in-Charge at the expense of the Contractor and the expenses may be deducted from any money due to the Contractor under the contract or from his security deposit, or proceeds of sale thereof, or of a sufficient portion thereof. The contractor shall provide all necessary fencing and lights required to protect the public from accident and shall also be bound to bear expenses of defense of every suit, action or other legal proceeding at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damages and costs which may be awarded in any such suit, action or proceedings to any such person, or which may, with the consent of the Contractor, be paid in compromising any claim by any such persons.

B.2.5 The Contractor shall comply with the following regulation as regards the Hoisting Appliances to be used by him-

(a) Hoisting machines and tackle, including their attachments anchorages and supports shall-

1. Be of good mechanical construction, sound material and adequate strength and free from patent defect; and

(a) Be kept in good repair and in working order

(b) Every rope used in hoisting or lowering materials or as means of suspension shall be of suitable quality and adequate strength and free from patent defect.

(c) Hoisting machines and tackle shall be examined and adequately tested after erection on the site and before use and be re-examined in position at intervals to be prescribed by Engineer-in-charge

(d) Every chain, ring, hook, shackle, swivel and pulley block used in hoisting or lowering materials or as a means of suspension shall be periodically examined.

(e) Every crane drive or hoisting –appliance –operator shall be properly qualified.

(f) No person who is below age of 15 years shall be in control of any hoisting machine, including any scaffold, nor shall give signals to the operator.

(g) In the case of every hoisting machine and of every chain, ring hook, shackle, swivel and pulley block used in hoisting or lowering or as a means of suspension, the safe working load shall be Ascertained by adequate means.

- (h) Every hoisting machine and all gears referred to in proceeding regulation shall be plainly marked with the safe working load.
- (i) In the case of hoisting machine having variable safe working load, each safe working load and conditions under which it is applicable shall be clearly indicated.
- (j) No part of any hoisting machine or any gear referred to in regulation 'g' above shall be loaded beyond the safe working load except for the purpose of testing.
- (k) Motors, gears, transmissions, electric wiring and other dangerous parts of hoisting appliance shall be provided with sufficient safeguards.
- (l) Hoisting appliances shall be provided with such means as will reduce to a minimum the risk of the accidental descent of the load.
- (m) Adequate precautions shall be taken to reduce to minimum the risk of any part of a suspended load becoming accidentally displaced.

B.2.6 Measures for prevention of Fire: The contractor shall not set fire to any standing jungle, trees, bush wood or grass without a written permit from the Engineer –in-Charge.

When, such permit is given, and also in all cases when destroying cut or dug up tress , bush wood, grass etc.,. By fire, the contractor shall take necessary measures to prevent such fire spreading to or other-wise damaging surrounding property.

B.2.7 Liability of Contractors for any damages done in or outside work area : Compensation for all damage done intentionally or unintentionally by contractors labourers whether in or beyond limits of AMC property including any damage caused by the spreading of fire mentioned in above, shall be estimated by the Engineer-in-charge, or such other officer as he may appoint, and the estimates of the Engineer in charge, subject to the decision of the Municipal Commissioner -AMC on appeal, shall be final and the Contractor shall be bound to pay the amount of the assessed compensation on demand, failing which the same shall be recovered from the Contractor as damages from security deposit and/or any pending dues from AMC to the Contractor under this contract or otherwise.

The contractor shall bear the expenses of defending any action or other legal proceeding that may be brought by any person for injury sustained by him owing to neglect of precautions to prevent the spread of the fire and he shall also pay the damages and cost that may be awarded by the court in consequences.

B.2.8 Work not to be sublet. Contract may be rescinded and security deposit forfeited for subletting it without approval or for bribing a public officer or if contractor becomes insolvent: The contract shall not be assigned or sublet any part of whole work without the written approval of the Engineer-in-charge. And if the contractor shall assign or sublet his contract or attempt to do so or become insolvent or commence any proceeding to get himself be adjudicated an insolvent or make any legal compromise with his creditors, or attempt of do so, the Engineer-

In-charge may, by notice in writing rescind the contract. Also if any bribe, gratuity, gift, loan, perquisite, reward or advantage, pecuniary or otherwise, shall either directly or indirectly be given, promised or offered by the contractor, or any of his servants or agents to any public officer or person in the employ of AMC in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Engineer-in-Charge may there upon by notice in writing rescind the contract. In the event of contract being rescinded, the security deposit of the Contractor shall there upon stand forfeited and be absolutely at the disposal of AMC and the same consequences shall ensue as if the contract had been rescinded under clause 3 hereof and in addition the Contractor shall not be entitled to recover or be paid for any work thereof actually performed under the contract.

B.2.9 Sum payable by way of compensation to be considered as reasonable compensation without reference to actual loss: All sums payable by a Contractor by way of compensation under any of these conditions shall be considered as a reasonable compensation to be applied to the use of AMC without reference to the actual loss or damage sustained and whether any damage has or had not been sustained.

B.2.10 Changes in the constitution of firm to be notified: in the case of a tender by partners, any changes in the constitution of a firm shall be forthwith notified by the contractor to add. Chief Engineer (Electrical) for his information.

B.2.11 Works to be under directions of Municipal Commissioner, AMC: - All works to be executed under the Contract shall be executed under the direction and subject to the approval in all respects of the Municipal Commissioner -AMC, who shall be entitled to direct at what point or points and in what manner they are to be commenced and from time to time carried on.

B.2.12 The disputes relating to this contract, so far as they relate to any of the following matters, whether such disputes arise during the progress of the work or after the completion or abandonment thereof, shall be referred to the court of law and its jurisdiction shall be of Ahmedabad.

1. Any dispute/s arising out of contract shall be referred to court of law and its jurisdiction shall be Ahmedabad.
2. In case of dispute leading to the contractor or Ahmedabad Municipal Corporation approaching to Court of Law, it shall be within the jurisdiction where the site of work is situated.

B.2.13 Action where no specifications: In case of any class of work for which there is no such specification, such work shall be carried out in accordance with the IS specifications, and in the event of there being no IS Specifications, then, in such case the work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer-in-Charge.

B.2.14 Compensation under the Workmen's Compensation Act: The Contractor shall be responsible for and shall pay any compensation to his workman payable under the Workmen's Compensation Act, 1923 (VIII of 1923) with latest amendment (hereinafter called the said ACT) for injuries caused to the workmen. If such compensation is paid by AMC as principal under sub-section 12 (1) of the said Act, on behalf of the Contractor, it shall be recoverable by the AMC from the Contractor under sub-section 12 (2) of the said section. Such compensation shall be recovered in the manner laid down in clause 1 above. The contractor shall have registration under ESI as per latest government rules & regulation.

B.2.15 The Contractor shall be responsible for and shall pay the expenses of providing medical aid to any workmen who may suffer a bodily injury as a result of an accident. If such expenses are incurred by AMC, the same shall be recoverable from the Contractor forthwith and be deducted, without prejudice to any other remedy of AMC, from any amount due or that may become due to the Contractor.

B.2.16 The Contractor shall provide all necessary personal safety equipment and first-aid apparatus available for the use of the persons employed on the site and shall maintain the same in suitable condition for immediate use at any time and shall comply with the following regulations in connection therewith

- (a) The workers shall be required to use the equipment so provided by the Contractor and the Contractor shall take adequate steps to ensure proper use of the equipment by those concerned.
- (b) When work is carried out in proximity to any place where there is a risk of drowning all necessary equipment's shall be provided and kept for use and all necessary steps shall be taken for the prompt rescue of any person in danger.
- (c) Adequate provision shall be made for prompt first-aid treatment of all injuries likely to be sustained during the course of the work.

B.2.17 Minimum age of person employed: (i) No contractor shall employ any person who is under the age of 15 years or as per latest government norms.

B.2.18 The employment of donkeys and/or other animals and the payment of fair wages:

- (i) For asphalt work(s), as far as possible only the adult persons should be employed by Contractor OR the contracted work as the case may be. If the adult persons are not available, then the children below the age of 15 (Fifteen years) should not be employed under any circumstances.
- (ii) No contractor shall employ donkeys or other animals with breaching of string or thin rope. The breaching must be at least three inches wide and should be of tape (Nawar).
- (iii) No animal suffering from sores, lameness or emaciation or which is immature shall be employed on the work.

- (iv) The Engineer-in-Charge or his agent is authorized to remove from the work any person or animal found working which does not satisfy these conditions and no responsibility shall be accepted by AMC for any delay caused in the completion work by such removal.
- (v) The Contractor shall pay fair and reasonable wages to the workmen employed by him in the contract undertaken by him. In the event of any dispute arising between the contractor and his workmen on the grounds that the wages paid are not fair and reasonable, the dispute shall be referred without delay to the Engineer – in – charge who shall decide the same. The decision of the Engineer – in – charge shall be conclusive and binding on the Contractor, but such decision shall not in any way affect the conditions in the contract regarding the payment to be made by AMC at the sanctioned tender rates.

B.2.19 Any sum of money due and payable to the Contractor (including the security deposit returnable to the Contractor) executing any AMC work under this contract shall be appropriated by AMC and shall be set off against any claim of the AMC for the payment of a sum of money arising out or under any other contract made by the Contractor with the AMC. When no such amount for purpose of the recovery from the Contractor against any claim of the AMC is available, such a recovery shall be made from the Contractor as arrears of land revenue.

B.2.20 If the Contractor fails to pay within 7 (Seven) days to the labourers(s) / worker (s) the minimum wages prescribed by the Government under the minimum wages Act, 1948 as in force from time to time, the Engineer in charge shall be at liberty to deduct the amount payable to the labourers(s) worker(s) from his (Contractor's) bills or deposit(s) payable by the Contractor after making due inquiries and establishing the claim(S) of the labourers(s) worker(s).

The Contractor shall not be entitled to any payment or compensation on account of any loss that the Contractor may have to incur on account of the action as aforesaid. Before the action as aforesaid, is enforced, a notice in writing to the Contractor shall be issued by the Engineer-in-charge to pay the wages as per Minimum Wages Act in force at the relevant time. If contractor does not act as aforesaid within seven days, then the action contemplated as above shall be taken against him.

B.2.21 The Contractor shall not show any distinction between Harijan and other class of labourers/ Workers employed to carry out the AMC work.

B.2.22 Fencing and Lighting:

- (a) The Contractor shall, unless otherwise specified, be responsible for the proper fencing, lighting, grading and taking of the necessary safety measures for all works comprised in the contract and for the proper provision of temporary road, way, foot-ways, guards, fences, caution notices etc., as the same may be rendered necessary by reasons of the work for the accommodation of workmen, foot passengers or other traffic and of owners and occupiers of adjacent property and the public and shall remain responsible for any accidents that may occur on account of his failure to take proper & timely precautions.

- (b) All the arrangements made for fencing and lighting shall be maintained by the Contractor throughout the currency of the contract till the physical taking over of the work by AMC-MET.

B.2.23 Liability of accidents to persons: Responsibilities and liabilities of the contractor under Workmen's Compensation Act.

- (a) On the occurrence of an accident, which results in death of workmen employed by the contractor or which is as serious as is likely to result in death of any such workmen, the Contractor, shall within 24 hours of happening of such accident(s) intimate, in writing, to the Engineer in charge the fact of such accident(s). The contractor shall indemnify Client against all loss or damage sustained by the Client resulting directly from his failure to give intimation in the manner aforesaid including the penalties or fines, if any, payable by the Client as consequence of Ahmedabad Municipal Corporation's failure to give notice under the Workmen's Compensation Act or otherwise to conform to the provisions of the said Act in regard to such accidents(s).
- (b) In the case of an accident, in respect of which compensation may become payable under Workmen's Compensation Act, whether by the Contractor or by the AMC as principal Employer, it shall be lawful for the Engineer-in-charge to retain out of money due and payable to the Contractor, such sum or sum of money as may, in the opinion of the Engineer in charge, be sufficient to meet such a liability. The opinion of the Engineer in charge shall be final in regard to all matters arising under this clause.

B.2.24 Indemnity: The Contractor shall indemnify the AMC against all actions, suits claims & demands through or made against the AMC in respect of work of this contract and against any loss or damage to AMC in consequence of any action or suit being brought against the contractor for anything done or omitted to be done in execution of the work of this contract.

B.2.25 Insurance of labourers: The Contractor shall be responsible to arrange for insurance of all labourers. Skilled and unskilled, workers, supervisors etc., employed by him as per labour regulations of the state. **The contractor shall have registration under ESI as per latest government rules & regulation.**

B.2.26 The Contractor shall follow all instruction given By Engineer-in-Charge of AMC T or Consultant or any representatives appointed by him

B.2.27 Defect Liability Period: The Contractor shall be responsible to make good and remedy at his own expense any defect which may develop or may be noticed before the defect liability period from the certified date of completion. The Engineer-in-charge shall give the Contractor a notice in writing about the defects and the Contractor shall make good the same within 24 hour of receipt of the notice. In the case of failure on the part of the Contractor, the Engineer-in-charge may rectify or remove or re-execute the work at the risk & cost of the Contractor. The Engineer-in-charge shall be entitled to appropriate the whole or any part of the amount of the security deposit towards the expenses, if any, incurred by him in rectification, removal or re-execution. One year from date of completion work. The engineer –in-charge will issued final work completion conformation. During DLP Period AMC will not pay any extra charges for New SITC Work. Bidder Must be responsible for maintain all accessories and Equipment in working condition

Annexure: The information in the following Annexure-1 specimens should be furnished on separate letter pad if necessary.

ANNEXURE – 1

To,
The Municipal Commissioner
Place:Ahmedabad Municipal Corporation,
Date:

Details regarding my / our partners / our company (in the case of limited company)
Names, Address (es) , telephone numbers(s) etc. are as under:

S. N.	Name(s) of person/partner Director of the Company	Full address of the place of business (with pin code)	Telephone No.(s) (Office)	Residential address (es)	Telephone No.(s) Resident
1					
2					

I/We hereby agree to intimate to you about change if any, in the above mentioned address (es) and telephone No.(s) within Fifteen days of its occurrence till my / our deposit, for the said work paid by me/us is not returned to me/us.

Dated Signature of Tenderer

**SECTION:
B-3
GENERAL
INSTRUCTIONS**

B – 3: GENERAL INSTRUCTIONS

- B.3.1 The details for OPERATION AND COMPREHENSIVE MAINTENANCE OF SHARDABEN HOSPITAL FOR TWO YEARS AND SITC OF ELECTRICAL WORK (As When Required) AT SHARDABEN GENERAL HOSPITAL, SARASPUR, AHMEDABAD. As per instructions of Engineer-in-Charge and his order shall be considered final.
- B.3.2 The Contractor shall have to properly store the material brought by him on site. This shall be kept open for inspection by Client and authorized representatives.
- B.3.3 The Contractor shall remain responsible for workmen's compensation, if any, when such case occurs. The contractor shall arrange for red lamps at night and fencing and shall be responsible for any damage of life and limb or property, if any happens, during the execution of work. In case of dispute for unseen or overlooked items, the decision of Municipal Commissioner, AMC shall be final. The Contractor shall have to give site clean of all rubbish on completion of work and hand over the site with final finishing of the work as directed. All the rejected materials shall be removed from site within 24 hours by Contractor at his risk and cost.
- B.3.4 All the materials required for the execution of works shall have to be brought by the contractor from open market.
- B.3.5 Contractor shall be fully responsible for compliance of the various provisions under Contract Labor Act, 1970 and latest addendum and the Rules frames there under. The Contractor should obtain necessary permissions, license & registrations from labour commissioner, as per labour law.
- B.3.6 The tenderer shall note that if the information required to be furnished by him either at the stage of pre-qualification or at the stage of tendering are not provided in time and its deliberated concealed and such information has come to the notice of AMC at any stage prior to award of Work and whether or not negatively affecting tenderers competency the AMC reserve the right to out rightly reject the tender, though he is pre-qualified in the absence of such information.
- B.3.7 AMC has all right to alter or omit any item or part there of
- B.3.8 All the precautionary measures for safety are to be taken by the contractor during execution of work at site.

I/We hereby do certify that I/We have read above instruction B.3.1 to B.3.8 "General Instructions" carefully and understood very well and Taken into account while tendering and have quoted our firm price accordingly..

Signature of the Tenderer
Name
Company's seal
Date

Addl. Chief Engineer
(Electrical)
AMC

SECTION: C

C-1: GENERAL SPECIFICATIONS-NON TECHNICAL

C-2: ADDITIONAL GENERAL CONDITIONS

C-3: SAFETY PROVISIONS

CONTENTS

SUB- SECTION NO	DESCRIPTION
C1	GENERAL SPECIFICATIONS –NON TECHNICAL
C2	ADDITIONAL GENERAL CONDITIONS
C3	SAFETY PROVISIONS

C 1:-GENERAL SPECIFICATIONS –NON TECHNICAL

C.1.1 THE SITE

- C.1.1.1 Tenderer must visit the work site and see for himself the site and ground conditions in all respects including availability of labour (skilled and unskilled), approaches and all other matters affecting the work before submitting the tender.
- C.1.1.2 The submission of the tender by tenderer implies that he had visited the work site, read the entire tender document and has made himself aware of the scope of specification of work to be performed and of the conditions and rates at which materials shall be issued to him and local conditions and other factors which have a bearing on the execution of work.
- C.1.1.3 Owner shall not, therefore, after acceptance of the tender, pay any extra charges for any reason whatsoever in case Contractor find later on to have misjudged the site and other conditions.

C.1.2 AMENITIES TO BE PRESERVED

- C.1.2.1 The Contractor shall cause the least possible interference with the existing amenities, whether natural or manmade. No tree shall be felled without permission of the Engineer's Representative and clearance of the site shall generally be kept to the minimum necessary for the works and temporary works. Temporary works shall be sited so as minimize the number of trees to be felled.

C.1.3 PREVENTIVE MEASURES OF POLLUTION

- C.1.3.1 The Contractor shall ensure that all times during the construction of the works all reasonable precautions are taken to the satisfaction of the Engineer's Representative to prevent pollution of the site and of the environment. In particular, the Contractor shall prevent pollution arising from the disposal or spillage of sewage, diesel fuel, oil, liquid mud, or from the disturbance of natural dust, aggregate dust or cement dust.

C.1.4 SITE TO BE KEPT TIDY

- C.1.4.1 The Contractor shall keep the site and all working areas in a tidy and workman like condition and free from rubbish waste materials. Any temporary works, constructional plant, materials or other things which for the time being are not required for use by the Contractor may with the consent of the Engineer's Representative be removed from the site but otherwise shall be dispersed about the site in an orderly fashion and shall be properly and securely stored thereon.

C.1.5 SAFETY MEASURES AND SERVICES

- C.1.5.1 As per the orders of Honorable High Court of Gujarat the tenderer who receives the order for contract of this work should not allow any person of his / her staff or any outside stranger or any AMC employee to enter in to an area where poisonous gases are likely to evolve.

AMC will not be responsible for any accident (In case of the death of a person or an injury) occurred in the premises of tender site due to the above reason and the compensation for the family of the person affected.

It will be in the scope and responsibility of the contractor to deal with the legal proceeding such as court matter , police case compensation etc. which arises due to the above reason.

C.1.5.2 The Contractor shall be responsible for the safety of all workmen and other persons entering or in the works and shall take all measures necessary to ensure their safety to the approval of the Engineer's Representative. Reference in these respects shall also be made to the Conditions of Contract and safety provisions but in particular, such measures shall include the following:

- (a) Provision of proper safety and emergency regulations' fire, gas and electric shock precautions, stretchers, first-aid box and fire extinguisher together with rescue facilities generally for each place of working :
- (b) Provision and maintenance of suitable lighting to provide adequate illumination of works with appropriate spares and standby equipment;
- (c) Provision and maintenance of safe, sound mechanical equipment, each item of plant having an up-to-date testing certificates.
- (d) Provision and maintenance of safe, sound, ropes, slings, pulleys and other lifting tackle, each appliance having an up-to-date testing certificate where appropriate;

C.1.5.3 The Contractor shall ensure that all his employee are fully conversant with the regulation, emergency and rescue procedures, etc. and the Contractor shall enforce the rule that any employee committing a serious breach of such a regulations shall be instantly dismissed and shall not be re-employed.

C.1.6 CLAIMS FOR DAMAGE TO PERSONS OR PROPERTY

C.1.6.1 Any claim received by the AMC or the Engineer's Representative in respect of matters in which the Contractor is required under the Contract to indemnify the AMC shall be passed to the Contractor who shall likewise inform the AMC and the Engineer's Representative of any such claim which is submitted directly to him by a claimant. The Contractor shall do everything necessary, including notifying the insurers of claims received, to ensure that all claims are settled properly and expeditiously and shall keep the AMC and the Engineer's Representative informed as to the progress made towards settlement, failing which the AMC shall be entitled to make direct payment to claimants of all outstanding amounts due to them in the AMC's Opinion and without prejudice to any other method of recovery to deduct by way of offset the amounts so paid from any sums due or which become due from the AMC to the Contract.

C.1.6.2 If the Contractor receives a claim which he considers to be in respect of matters in which he is indemnified by the AMC under the Contract, he shall immediately pass such claims to the AMC.

C.1.6.3 Contractor shall be solely responsible for any loss to life or limbs of workmen or the public arising out of inadequate protective and/or safety measures taken by Contractor and irrespective of whether or not Engineer has ordered Contractor to take protective and safety measures.

C.1.7 ASSISTANCE FOR THE ENGINEER'S STAFF

The Contractor shall provide all necessary assistance to the Engineer's Representative and his staff in carrying out their duties of checking the setting out, inspecting and measuring the work. The Contractor shall provide necessary assistance including labourers as may be needed from time to time by the Engineer's Representative.

C.1.8 CLEARING SITE ON COMPLETION

C.1.8.1 On completion of the Works, the Contractor shall clear away and remove from the site all Constructional Plant, surplus materials, rubbish, Temporary Works of every kind and leave the whole of the site and the works clean and in a workmanlike condition to the satisfaction of the Engineer.

C.1.8.2 The Contractor shall comply with the above requirements before the start of the Defects Liability Period and by the end of that period shall clear, regrade, terrace, level topsoil and grass all his working areas as instructed by the Engineer's Representative. No separate payment shall be made on his account.

C.1.9 QUALIFICATION AND EXPERIENCE OF TENDERER

C.1.9.1 Engineer shall review the qualification and experience of the tenderers in respect of

- (a) Past experience
- (b) Major works on hand
- (c) Technical personnel
- (d) financial capacity
- (e) Method of execution proposed to be used
- (f) Any other relevant information.

C.1.9.2 For this purpose, tenderers are requested to furnish information, in the Schedules A2. The above information shall be specific, self-explanatory and must bring out the qualifications and experience of the tenderer intending to carry out this Contract. Engineer reserves the right to reject any offer which, in the opinion of the Engineer, has been made by a tenderer who does not qualify to meet the standards by way of experience, resources, and technical skills, expected of him.

C.1.9.3 If the tender is submitted by a group of firms, it is necessary that the sponsoring firm submits separate and complete information about each firm in the group and identify those who have the responsibility for the execution of the work. It shall be clearly established in the tender as to who shall be the lead firm and the expected participation or share of each of the members of the group.

C.1.10 INTERPRETATION OF DOCUMENTS

C.1.10.1 Tenderers shall carefully examine the Tender documents and fully inform themselves as to all the conditions and matters which may in any way affect the work or the cost thereof. Should a tenderer find discrepancies in or omission from the specification or other document, or should he be in doubt as to their meaning, he should at once address a query to the Municipal Commissioner, AMC. Any resulting interpretation of the tender Documents shall be issued to all tenderers as an addendum. Verbal

Clarification and/or information given by any officers/employee of AMC shall not be binding on the AMC.

C.1.11 INFORMATION FURNISHED

The information given to tenderers in this tender document comprising of all parts is given in good faith and meant to serve only as a guide. Owner / Engineer shall not hold himself responsible if any such information given for the guidance of Contractor is found to be incorrect, partly or in whole and or any deductions, conclusions or interpretation drawn by Contractor. It is, therefore, imperative that tenderer must obtain and examine for himself all data, information and particulars required for the satisfactory execution of the work.

C.1.12 INSURANCE

The Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the Special Conditions of Contract.

C.1.13 TRANSPORTATION

C.1.13.1 Where the Supplier is required under the Contract to deliver the Goods, F.O.R transport of the Goods up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

C.1.13.2 All cost of transportation of all major and minor equipment's of F.O.R up to Site/store has to bourn by contractor and liaisioning work in case of Custom clear or any other clearance is in the **scope of contractor**.

C.1.13.3 Where the Supplier is required to affect delivery under any other terms, for example, by post or to another address in the source country, the Supplier shall be required to meet all transport and storage expenses until delivery.

C.1.14 DISPUTES

Any legal dispute with the Contractor(s) shall be settled with court of law within the area subject the Ahmedabad jurisdiction.

C.1.15 ELECTRICAL SUPPLY, DRINKING WATER AND LATRINE FACILITY FOR DSITC WORK

The Contractor may use existing available facility of Electricity for maintenance purpose and may use water / Latrine if any at site but Client is not bound to provide water / Latrine facility if not available at site and accordingly the work progress should not suffer on plea that this facility not provided

I/We hereby do certify that I/We have read above instruction C.1.1. To C.1.15. "General Specifications "carefully and understood very well and taken into account while tendering and have quoted our firm price accordingly.

Signature of the Tenderer
Name
Company's seal
Date

Addl. Chief Engineer
(Electrical)
AMC

C – 2: ADDITIONAL GENERAL CONDITIONS

C.2.1 TAXES AND DUTIES ON MATERIAL

- C.2.1.1 All charges on account of payment towards any legally payable Duties, and other duties on material obtained for the works from any source shall be borne by the contractor (subject to provisions made in the tender). As per the amendment of Sales Tax Act which came into force from Aug. 1985, Sales Tax on Works Contracts shall be paid by the Contractor and reimbursement Sales tax act 1985 and its latest addendum will be applicable.

C.2.2 FINANCIAL TENDER

- C.2.2.1 Financial tender should not contain any condition or enclosures except the quoted percentage rates and the total amount for the work.

C.2.3 CHILD LABOUR

The contractor shall not employ any child below 15 years of age. It is prohibited by Child Labour Prohibition and Regulation Act. 1986. Honorable Supreme Court has given guidelines and as per those guidelines, if child labour is employed on the work site, the contractor shall have to deposit Rs. 20000 (Rupees Twenty Thousand Only) in the child labour welfare fund. If the contractor refuses to deposit this sum, then the action shall be taken for contempt of Supreme Court Judgment and also shall be prosecuted by the concerned authority.

In case of provision of Child Labour Prohibition and Regulation Act, 1986 by the contractor and to that AMC shall recover the amount from the contractor.

I/We hereby do certify that I/We have read above instruction C.2.1 to C.2.3 of “Additional General Conditions” carefully and understood very well and taken into account while tendering and have quoted our firm price accordingly.

Signature of the Tenderer
Name
Company's seal
Date

Addl. Chief Engineer
(Electrical)
AMC

C – 3: SAFETY PROVISIONS

- C.3.1 Suitable scaffolds shall be provided for workmen for all that cannot safely be done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is used, an extra mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well, suitable footholds and handholds shall be provided on the ladder and the ladder shall be given an inclination not steeper than $\frac{1}{4}$ to 1 ($\frac{1}{4}$ horizontal and 1 vertical).
- C.3.2 Scaffolding or staging more than 3.25 meters above the ground or floor, swung or suspended from an overhead support, or erected with stationery support, shall have a guard rail properly attached, bolted, braced, and otherwise secured at least 1 meter high above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends thereof with only such openings as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying form the building or structure.
- C.3.3 Working platforms, gangways, and stairways shall be so constructed that they do not sag unduly or unequally, and if height of a platform or gangway or stairway is more than 3.25 meters above ground level or floor level, it shall be closely boarded, have adequate width and be suitably fenced as described in 2 above.
- C.3.4 Every opening in floor of a building or in a working platform shall be provided with suitable means to prevent fall of persons or materials by providing suitable fencing or railing with a minimum height of 1 meter.
- C.3.5 Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 3 meter in length. Width between side rails in a rung ladder shall in no case be less t h a n 30 cm for ladder up to and including 3 meters in length. For longer ladders, this width shall be increased by at least 6 m for each additional 30 cm of length. Uniform step spacing shall not exceed 30 cm.
- C.3.6 Adequate precautions shall be taken to prevent danger from electrical equipment. No material on any of the sites shall be so stacked or placed as to cause danger or inconvenience to any person or the public. The Contractor shall provide all necessary fencing and lights to protect public from accidents and shall be bound to bear expenses of defense of every suit, action or other proceedings at law that may brought by any person for injury sustained owing to neglect of the above precautions and to pay all damages and costs which may be awarded in any suit, action or proceedings to any such person or which may with the consent of the AMC be paid to compromise any claim by any such person.

C.3.7 All necessary personal safety equipment as considered adequate by the Engineer shall be available for use of persons employed on the site and maintained in a condition suitable for immediate use, and the Contractor shall take adequate steps to ensure proper use of equipment by those concerned.

- (a) Those engaged in handling any material which is injurious to eyes shall be provided with protective goggles.
- (b) Those engaged in welding works shall be provided with welder's protective eye-shields.
- (c) Stonebreakers shall be provided with protective goggles and protective clothing and Seated at sufficiently safe intervals.

C.3.8 When work is done near any place where there is a risk of drowning, all necessary equipment shall be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision made for prompt first aid treatment of all injuries likely to be sustained during the course of the work.

C.3.9 Use of hoisting machines and tackle including their attachments, anchorage, and supports shall conform to the following:

C.3.10.1 (i) These shall be of good mechanical construction, sound material and adequate strength and free from patent defects and shall be kept in good repair and in good working order.

- (ii) Every rope used in hoisting or lowering materials or as a means of suspension shall be durable quality and adequate strength, and free from patent defects.

C.3.10.2 Every crane driver or hoisting appliance operator shall be properly qualified and no person under the age of 21 years shall be in charge of any hoisting machine including any scaffold winch or give signals to operator.

C.3.10.3 In case of every hoisting machine and of every chain ring hook, shackle, swivel and pulley block used in hoisting or lowering or as means of suspension, safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above Shall be plainly marked with safe working load. In case of a hoisting machine having a Variable safe working load, each safe working load and the conditions under which it is applicable shall be clearly indicated. No part of any machine or of any gear referred to Above in this paragraph shall be loaded beyond safe working load except for the purpose of testing.

C.3.10.4 In case of departmental machine, safe working load shall be notified by the Engineer. As regards Contractor's machine, the Contractor shall notify safe working load of each machine to the Engineer whenever he brings it to site of work and get it verified by the Engineer.

- C.3.11 Motors, gearing, transmission, electric wiring and other dangerous parts of hoisting appliances shall be provided with efficient safeguards, hoisting appliances shall be provided with such means as shall reduce to the minimum risk of accidental descent of load adequate precautions shall be taken to reduce to the minimum risk of any part of a suspended load becoming accidentally displaced. When workers are employed on electrical installations which are already energized, insulating mats, wearing apparel such as gloves, sleeves and boots, as may be necessary, shall be provided. Workers shall not wear any rings, watches and carry keys or other materials which are good conductors of electricity.
- C.3.12 All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in a safe condition and no scaffold, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities shall be provided at or near places of work.
- C.3.13 These safety provisions shall be brought to the notice of all concerned by display on a notice board at a prominent place at the work spot. Persons responsible for ensuring compliance with the Safety Provisions shall be named therein by the Contractor.
- C.3.14 To ensure effective enforcement of the rules and regulations relating to safety precautions, arrangements made by the Contractor shall be open to inspection by the Engineer or his representative and the Inspecting Officers.
- C.3.15 Notwithstanding the above provisions 1 to 14, the Contractor is not exempted from the operation of any other Act or Rule in force.

I/We hereby do certify that I/We have read above instruction C.3.1 to C.3.15 of "Safety Provisions" carefully and understood very well and taken into account while tendering and have quoted our firm price accordingly.

Signature of the Tenderer
Name
Company's seal
Date

Addl. Chief Engineer
(Electrical)
AMC

SECTION: D

**CONDITIONS FOR 02 YEARS OPERATION
AND COMPREHENSIVE MAINTENANCE SERVICE**

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D-1:- GENERAL RULES AND GUIDELINES FOR TENDERER

DESCRIPTION OF WORK

The power at 11/0.433 kV Substation is received from 11 kV Torrent Power Substation. There are 02 nos. transformer having 750 KVA , D.G. Set of 250 KVA (to supply emergency connected load), H.T/L.T Switchgears panels, capacitor panels, Battery Chargers, power cables laid underground/in cable tray. The scope of work of this tender starts from the 11kV VCB panels at 11/0.433kV Client Substation including earthing system to buildings main distribution panel.

SCOPE OF WORK

The scope of work includes the Operation and Comprehensive maintenance of 11/0.433 kV Substation (Details of installations listed in Section D 7). The scope of preventive maintenance in general is given below for guidance. Any other work necessary for the proper maintenance of the system as per good engineering practices will have to be done by the contractor in consultation with the engineer-in-charge of AMC, so as to keep the system in a trouble free operational condition and supply power at the incoming points of various buildings & services. The contractor is required to maintain the whole power system available right from receiving power at 11 kV VCB panel up to supply powers at 415V/230V to various buildings including entire earthing and electrical Installations.

Detail of Building / Type of Building

1. Shardaben general hospital,saraspur

Multistoried: Ground Floor +Two Floors and Terrace + Substation with new building(G+7)

2. Hostels and RMO quarters

1. The Tenderer are advised to visit the site, conduct survey of the existing conditions so as to familiarize themselves with the nature of works to be carried out and get all clarifications as necessary from AMC before quoting their rates.
2. The contractor shall read and understand / examine the Scope of Works, Specifications and Schedule of Quantities and Terms and Conditions relating to the Tender for the said works.
3. The rates and prices shall be submitted in the format of N-procure web site www.tender.nprocure.com. Rates and prices received in any other formats will be rejected and the Bids will be disqualified.
4. The wording in the item description is for subject matter guidance only; clause references are indicative only and all other relevant clauses shall also be referred to. The prices shall allow for all the works covered under the bid and all liabilities and contractual obligations whether separately specified or not.
5. The rates shall be deemed to include any works and setting out that may be required to be carried out for carrying out of all the works involved.

6. The price schedule is to be read in conjunction with the Conditions of Contract, the Specifications and other sections of these bid documents and these documents are to be taken as mutually explanatory of one another.
 7. The work of this schedule comprises of the supply of all required spare parts including the supply of all labour, materials, consumables (except electrical power and water) equipment, tools and tackles.
 8. Quoted rates should be workable and reasonable and should include incidental and all overheads and profits.
 9. The Contractor should be responsible for the safety of persons, employed by him.
 10. The contractor's workman shall be wearing uniforms super scribed with the firm's name along with identification cards during their working hours at the site.
 11. Site office and storage facility will be provided to the Contractor at work place by AMC at free of cost. The contractor shall keep sufficient stock of day-to-day requirement materials in the site store.
 12. The Contractor shall engage necessary qualified and experienced supervisory staff at his cost during the execution of the work for attending to day to day affairs.
 - 13 Rates quoted in the tender must be include re-setting of relays by secondary injection of current, filtration/dehydration including topping up of transformer oil of all HT/LT transformers and tighten the screws, nuts/bolts, HT/LT Cables & Connections entire 11/0.433kV electric substation.
- 9 LIST OF EXCLUSIONS FROM THE COMPREHENSIVE AMC CHARGES AGAINST NEW REPLACEMENT .
- a) Lift and its related installation and wiring (Lift well wiring is inclusive)
 - b) Air conditioners –Split AC / Window AC / Central AC / Packaged AC etc and its parts / accessories related interconnected
 - c) Equipment's Connected to plug points
 - d) For medical, pathology laboratory equipment's maintenance upto in coming panel of respective instrument

Signature of the Tenderer
Name:
Company's seal
Date:

Addl. Chief Engineer
(Electrical)
AMC

D-2 SCOPE OF WORK & RESPONSIBILITY IN COMPREHENSIVE OPERATION & MAINTENANCE

1. Operation, Comprehensive Maintenance, Servicing and Comprehensive Repairing/replacing work of all major & minor Works and equipment's like switches, starters, panels, H.T.V.C.B Panel, Transformer, All L. T. Panels, APFCR, D.G. Sets etc.
2. Transformer oil testing and filtration are also in the scope of Tenderer. The filtration of oil shall be done once in a year with topping of good quality oil as instructed by AMC . The Filtration report, following report shall done once in year and submit Engineer-in-charge of AMC
 - a. General visual checks for overall dimensions, location, number and type of devices, terminal boxes, location and connection of terminals, etc.
 - b. Measurement of winding resistance at all taps
 - c. Measurement of no-load loss and current
 - d. Measurement of insulation resistance
 - e. Dielectric test
 - f. BDV of insulating oil
 - g. Tests on on-load tap-changers
 - h. Functioning of equipment's at marshaling box
 - i. Calibration reports of meters used during testing
3. All H.T. and L.T. fuse links, cotton waste, C.T.C., C.R.C. required for preventive maintenance service items are in the scope of the Tenderer.
4. Drilling of holes on walls, slabs etc for maintenance work required.
5. Regular cleaning sub-station room, transformer yard and L.T. rooms. Removal rain water from sub- station room, transformer yard and L.T. rooms.
6. Secure sub-station room, transformer yard and L.T. rooms and all equipment's with preventing entry of unauthorized persons, fatal or non-fatal accident, illegal and antisocial activities.
7. Attending cable fault including locating, digging, jointing & refilling of cable trench of L.T & H.T cables.
8. Earthing, safety equipment, fire extinguisher shall be maintained and kept in good condition with taking certification as per Electrical / Fire safety or other relevant norms.
9. Photography as and when required and as per instruction of Client is to be managed by successful Tenderer for keeping the records and other activities.

- 10 As per rules and regulation of electrical inspection and licensee's office/Labour commissioner office/factory inspector or from semi government organization if certification/passing is required for electrical equipment's, then it will be in the scope of contractor. For ease of process Tenderer shall have to pay necessary official fees/duties for that on behalf of AMC first and the same will be reimbursed upon submission of original receipt and other documents to Client. Approval of the statutory bodies like Electrical Inspector office/local bodies and shall be deemed to be included in the contract as soon as the present approval expires. The contractor shall notify AMC in writing about such approvals to be taken and inform the compliance of the same.
11. During O & M, Servicing and Comprehensive repairing / replacing work contract period, spare parts required for maintenance of electrical and/or mechanical equipment's shall be purchased only from respective standard manufacturer or its authorized dealer or any other supplier authorized by dealer. In case of design, model, size of spares are discontinued by manufacturer or not available from market then the same shall be purchased from other manufacturer after obtaining prior administrative approval of the Client.
12. During O & M and comprehensive repairing/replacing work contract, the Ele. - Mech. equipment's installed and its spare parts of whichever make and quality should not be replaced by duplicate or inferior machinery/equipment's. If such thing comes into knowledge of the dept., than Municipal Commissioner, AMC shall have right to take disciplinary as well as legal action against contractor, to recover cost of damage and Contract will be terminated without giving any notice and for the remaining period the same work will be carried out at the sole risk and cost of the contractor & AMC has liberty to blacklist the name of contract for minimum two years period for AMC work.
13. As complete operation, maintenance, Servicing and Comprehensive repairs / replacement is in the scope of Tenderer, the energy conservations measures are also in the Tenderer's scope.

It is mandatory to maintain power factor-0.9 or above as per requirements and conditions of power supply of licensee.if failure in above and/or any penalty/levy (PF Adj/charges)imposed/charged by licensee then the same amount if penalty will be deducted from contractor's outstanding dues/securities.

It is advisable to measure & record current of each & every capacitor Bank. If found measured current is less than 75 % of rated current then capacitor to be replaced by Contractor to ensure PF of desired value.

14. The Contractor should be responsible to fulfill all the obligations in connection with the workers employed by the Contractor for the purpose of the Contract and all the Statutory and other liabilities, if any, including minimum wages, leave salary, uniform, ex-gratia, gratuity, ESI, Provident Fund, Workman Compensation, if any, etc. in connection therewith shall be on the Contractor's account.
15. To turn on streetlight in the campus at proper evening time and to turnoff it at early Morning as per instruction of engineers in charge or AMC officials.

16. To maintain records of current, voltages of Main H T and L T panel as per instruction of Engineer-in-charge and also have to maintain daily energy meter readings from Torrent Power & AMC rooms for complete energy audit purpose.
17. The scope of contractor includes keeping Register / Note book & follow the instruction written in above by engineer in charge or AMC official, & has to send compliance of the given- written instructions.
18. The Scope of contractor includes following up with the concerned authority of Electric Power Supply (Torrent Power Ltd) in case of power failure & upto resume the same and similarly the same has to inform Engineer-in-charge of AMC.
19. It is contractor's responsibility to see that unauthorized persons / animals etc. should not enter the H.T/L.T./Electrical Rooms
20. If corporation increases / incorporates any Electrical panels, contractor shall have to operate the same successfully without any extra cost / charge to the Corporation.
21. The scope of contractor includes regular watering on earth pits of transformer and H.T. panels, **checking of oil level and oil leakages in the transformer and intimating to the engineer in charge.**
22. Detection of cable fault, with require cable joint materials and repairing the same with, digging, refilling, and leveling of land with necessary materials / spares are in the scope of contractors. Force majeure or faults occurs due to other reasons are exceptional.
23. Oil level should be maintained in Transformer.
24. During monsoon / humid condition / summer, contractor has to install, run and monitor the heater / fan near motors in sub-station, PMCC room if required or as per the instruction of the engineer.
25. If AMC requires to install new equipment such as transformer/H-T/L.T Panel etc than contractor shall have to operate and maintain the same successfully without any extra cost.(However spare parts for additional items will supplied by Client if required any)
26. The Contracting Agency is responsible for informing the Hospital well in advance for carrying out specialized repair/maintenance/periodic preventive maintenance and all other types of repairs.
27. The Contracting Agency shall keep sufficient spares/consumables in ready stock as and when required for carrying out maintenance / repair works.
28. The Contracting Agency will have to pay due wages/salaries to its employees as per the Minimum Wage Act/other relevant Acts of the Government of India as in force or enforced from time to time.

- 29 In case any electrical equipment goes out of order, the repair should be carried out by the Contracting Agency in the premises of the Institute and the same will be allowed to be done in the Workshop of the Contracting Agency only with prior permission of AMC.
- 30 Maintenance of the basic firefighting systems like sand filled buckets, refilling of fire extinguishers of the appropriate class at the appropriate places shall also be deemed to be included in the contract. Periodic maintenance & refilling of the same is the responsibility of the contractor.

Signature of the Tenderer
Name:
Company's seal
Date:

Addl. Chief Engineer
(Electrical)
AMC

D-3 MAN POWER / STAFF FOR THE CONTRACT

The contractor shall provide qualified and experienced personnel with his personnel identity card and dress necessary as mentioned below for Operation and Comprehensive Maintenance Service Contract for Operation and Comprehensive work Smoothly/safely and efficiently on a continuous 24x 7 hours basis or as per instruction of engineer for full terms of the operation and Comprehensive maintenance contract.

ANNEXURE-I: - REQUIRED MINIMUM QUALIFICATION & NO.OF PERSONNEL

S. N.	Designation	Qualification (Minimum)	Experience (Minimum)	No. of persons
1	Electrical Supervisor	Minimum second Class P.W.D. pass Electrical supervisor with Govt. License / Diploma in Electrical Engg	Minimum 5 years' experience in 11 KV H.T. Line , 11 KV / 440 V transformer, LT panel (PCC & PMCC), L.T. motors, Starter, Electrical distribution system etc.	As per Annexure -II
2	Skilled Technician (Wiremen)/ (DG Operator)	Minimum 2 nd class ITI Electrician / Wiremen Pass	Minimum 5 years' experience in HT installation 440 / 230V switch gear and lighting installation.	As per Annexure -II)
3	Semi- Skilled Technician (Wiremen helper)	Minimum 2nd class ITI Wireman / Electrician Pass	Minimum 3 years' experience in 440 / 230V switch gear and lighting installation.	As per Annexure -II

ANNEXURE-II: - DEPUTATION OF MANPOWER TO CARRIED OUT MAINTENANCE WORK

SHIFT	GENERAL TIMINGS	DESIGNATION	NO OF PERSO
GENERAL	9:00 A.M TO 6:00 P.M	Supervisor	1
FIRST	6:00 A.M. TO 2:00 P.M.	Skilled Technician(Wireman)	2
		Semi-Skilled Technician(Wireman Helper)	2
SECOND	2:00 P.M. TO 10:00 P.M.	Skilled Technician(Wireman)	1
		Semi-Skilled Technician(Wireman Helper)	1
THIRD	10:00 P.M. TO 6:00 A.M.	Skilled Technician(Wireman)	1
		Semi-Skilled Technician(Wireman Helper)	1

IMPORTANT INSTRUCTION FOR MAN POWER AND THEIR ROLE IN OPERATION AND COMPREHENSIVE MAINTENANCE

1. Electrical and Mechanical faults should be attended immediately and rectify as early as possible by qualified and experienced personnel to avoid the interruption in daily Hostel/College activities. For the same as and when needed contractor has to deploy suitable category of additional staff with necessary equipments and consumables without any additional cost.
2. **The arrangement of reliever for weekly off / all holidays / absents etc. Shall be made by the contractor separately. Which shall be in addition to above mentioned persons. Contractor should quote accordingly including reliever person cost. No additional payment given to contractor for reliever staff. The contractor shall have to provide statement of daily presence of each and every total person deployed to Engineer-In-Charge of AMC.**
3. The staff of the contractor will always remain in contact with Engineer in charge of AMC and follow his instructions. **The contractor shall have to issue identity cards with photograph to all staff employed for operation and workman shall be wearing uniforms super scribed with the firm's name along with identification cards during their working hours at the site.**
4. The staff deployed by the contractor must be of Indian nationality and must have knowledge of Hindi & Gujarati. He should understand & conversant with in Gujarati language compulsorily. He must talk politely to all Municipal officers – Corporators and other public.
5. The contractor have to fulfill all safety rules and regulations. The corporation will not be responsible for any accident / injury to the staff of the contractor. Further the Corporation will not provide any insurance or medical facility to the staff of contractor.
6. For All central / state government / semi-government / local body's rules and regulation pertaining to this contract, all legal formalities pertaining to provident fund, factory act Contractor is responsible for the same and it is contractors responsibility for all legal formalities happens for their staff/workers for the same.
7. As per electricity rule, factory act, or any other act, if inspection, permission is required to run , operate the Hospital or any other electrical / mechanical apparatus, the same shall have to be obtained by contractor without extra cost. However only official fees will be paid by AMC and for ease of work these fees shall be paid first by contractor and it shall be reimbursed on submitting original necessary documents.
8. No accommodation/guest house/ transportation facility will be provided by the Corporation to the contractor. No person will be allowed to stay or reside in the premises of Hospital.
9. The deputation of Man power mentioned in Annexure-II is for general guidelines and in benefit of Hospital/College if Engineer-in-charge changes the Man power schedule shift wise then contractor has to follow the same.
10. Duties of Contractor staff
 - In case of main power failure it is contractor's staff duty to operate D.G. set and wiremen/supervisor have basic knowledge to operate the D.G. set.
 - For performing the assigned work, the contractor shall deploy medically and physically fit persons. The contractor shall ensure that the persons are punctual and disciplined and remain vigilant in performance of their duty. Persons so engaged by the contractor shall be from amongst properly trained electrician of high integrity and good conduct, and shall be conversant in the local language. In no circumstances, persons below 18 years of age should be employed.

- 11 A minimum quantity of consumable/spares for routine maintenance may be kept at site to minimize time of maintenance.
- 12 The contractor shall ensure that the persons so deployed do not allow any property of the AMC related to Equipment's to be taken out of the premises without a Gate Pass signed by the designated Engineer- in-charge/Supervisor of the AMC.
- 13 Saturdays/Sundays should be utilized primarily for the maintenance purposes, where shutdown is required.
- 14 Contractor has to prepare daily register book for routine maintenance work as per format decided by Engineer-in-charge of AMC.
- 15 The staffs mentioned above are minimum, in case the quantum of complaint is more and pending for more than permissible time, the contractor will arrange the extra persons for setting right the complaints in time without any extra charges. The decision of Engineer-in-Charge regarding requirement of additional person shall be final & binding upon contractor.
- 16 Contracting Agency shall be subject to Security Check by the Hospital/College Security Staff while entering / leaving the premises with written record.
- 17 Contractor shall deploy his persons in such a way that they get weekly rest. The working hours / leave, for which the work is taken from them, do not violate relevant provisions of Shops and Establishment Act. The contractor shall arrange to provide reliever equally qualified in case of absence/leave/off etc. The Contractor shall in all dealings with the persons in his employment have due regards to all recognized festivals, days of rest and religious or other customs.
- 18 The contractor shall at his own cost, if required, take necessary insurance cover in respect of the aforesaid services rendered to AMC and shall comply with the statutory provisions of Contract Labour (Regulation & Abolition) Act, 1970; Employees State Insurance Act; Workman's Compensation Act, 1923; Payment of Wages Act, 1936; The Employees Provident Fund (and Miscellaneous Provisions) Act, 1952; Payment of Bonus Act, 1965; The Minimum Wages Act, 1948; Employer's Liability Act, 1938; and/or any other rules/regulations and/or statutes that may be applicable to them with latest addendum. In the event of the contractor committing a default or breach of any of the provisions mentioned above or in furnishing any information or submitting or filling any statement under the provisions of the said regulations and rules which is materially incorrect, he shall without prejudice to any other liability pay to the Municipal Commissioner / Chairmen AMC a sum as may be claimed.
19. **Theft of Parts:** - Contractor shall be fully responsible for theft, burglary, fire or any mischievous deeds by his workers/staff and shall replace the items under such category. Any loss occurred due to negligence will be recovered from the contractor.

Signature of the Tenderer
Name:
Company's seal Date :

Addl. Chief Engineer
(Electrical)
AMC

D-4 PHYSICAL ASPECTS

1. PRICE , TAXES AND DUTIES

The Price quoted for work must be of inclusive with prevailing applicable all types of taxes like sales tax,Vat tax etc., and any other tax applicable, excise duty, other duties, octroi etc .

- (i) After awarding Contract and before completion of contract if any type of Government taxes increases including excise duty or addition of any type of taxes which is applicable to contract , the same rise /addition will given to Contractor upon submission of necessary documents as mentioned below.
 - ✓ Gazette of Government indicating changes in Taxes
 - ✓ Contractor has to justify the increase tax structure for any items on which taxes increases giving breakup of basic price plus applied taxes to client and also has to submit Chitran of tax that has been submitted to income tax department.
 - ✓ Other necessary documents as asked by client
- (ii) However during Implementation of work if any types of taxes reduces in future then the same shall be recovered from Contractor .
 - ✓ Contractor has to submit break up of rate with applicable taxes on demand by client alongwith bill
 - ✓ At Starting of each financial year contractor has to submit latest Gazette of Government regarding tax structure and also at the time when tax structure changed during financial year under billing
 - ✓ However it is Contractor's responsibility to inform the same to Client with supporting documents when any tax structure changed.

4. PENALTY CLAUSE

The following Penalty imposed on contractor during Operation & Comprehensive Maintenance Contract.

S.N	RECOVERY CLAUSE	QUANTUM OF RECOVERY AND TIME FRAME
A	H.T. Panel / Transformer / APFCR	
1	If Electricity Company power supply is available and it fails to supply power output from H.T. mains of Hospital and HT panel / HT cable / transformer / main L T breaker to supply power output	Fault to be rectify within 1 Hrs. otherwise Rs. 1500/- per hour per each unit after 1 Hrs
B	D.G.SETS	
2	Any one D.G.set faulty at a time	Rs.2000/-day after 1 days
3	All Installed D.G. set faulty at a time	Rs. 5,000/- per hr after 1 hrs from breakdown. In case it is anticipated that even one D.G. set cannot be made operational within 1 hrs. the contractor will arrange required capacity of D.G. set within 1 hours to meet the hospital essential D.G.connected load (installed capacity d.g.set has to manage). Failing which Engineer-in -Charge shall make such arrangements at the sole risk & cost of contractor without any further notice

	Note:- For winding failure of any alternator or if it requires to open engine or major parts requires to replace in equipment then in that case only time limit for penalty decided by Engineer-in-charge upon submission of necessary documents justifying the same	
C	L.T.PANELS	
4	If Electricity supply is available at L.T. Feeder main but is not available at the output of Any L.T. Feeder .	Fault to be rectify within 4 Hrs. otherwise Rs.2000/-per feeder per day after 4 Hrs.
E	COMPOUND LIGHTING	
5	Compound Light Faulty	Rs.500/- per day per pole beyond 1 days of non- functioning
6	Contractor Should Maintain The Powe factor Plenty Impose In Runnin Torrent Energy Bill. So Actual powe factor Plenty Amount Will Be Deducte From Contractor Monthly Bill.	
	Note:- (1) The decision of Engineer-in-charge in this regard shall be final and binding. (2) Force majeure are not applicable in case of natural calamities e.g. floods, epidemics, wars. (3) In case of frequent absence of worker from duty, this shall be sole ground for poor performance on part of agency. The decision of Add Chief Engineer(Electrical) shall be final and binding as regard to treating the absence of worker as poor performance (4)If contractor fails to repair/replace any equipment in stipulated time limit then AMC may repair/replace at the risk and cost of contractor with penalty and such a case occurs succeeding for 3 times then contractor shall be black listed and AMC forfeits all securities/performance guarantee and all pending dues.	
	GENERAL DESCRIPTION	
1	For determining the no. of days (in case of penalty is to be imposed on per day basis) day shall mean 24 Hrs.	
2	In case of non availability of the similar make / model of material/component which is required for replacement of faulty or damaged ones, alternate make / model shall be used only after the approval of Engineer-in-charge in writing only.	
3	The above quantum of penalty is bare minimum & additional liquidated damages if any shall also be imposed as per relevant clauses	
4	In case the manpower is not present in working hour without informing AMC-site incharge then the penalty will be deduct from the contractor running or final bill penalty bill be Supervisor-1000/- per day Skilled technician-500/- per day semi-skilled technican-200/- per day	
5	SITC - If not completed S.I.T.C. work after 02 Intimation from EIC then Liquidated damages/penalty will be deducted at a value 0.1% per day of remaining SITC work value subject to a maximum ceiling 10% on the value of remaining work that not completed in Time Limit of S.I.T.C.	

TERMINATION OF SERVICES ON DEFAULT

- 4.1 The AMC without prejudice to any other remedy for breach of Contract by written notice sent to the Contractor, may terminate the Contractor's Services in whole or in part if the contractor fails to perform his obligation (s) under the contract.
- 4.2 In the case of the Corporation terminates the contract in part the Contractor shall continue the performance of the contract to the extent of which is not terminated.

5. TERMINATION FOR INSOLVENCY

- 5.1 The AMC may at any time terminate the Contract by giving one month prior notice in writing to the Contractor, without any compensation to the Contractor, if the Contractor becomes bankrupt or otherwise insolvent. or fails to perform his obligations under the contract.

6. PERIOD OF CONTRACT

The contract is for a period of **Two years (24 Months) as mentioned in section A2 :- memorandum of work.** however, the Corporation reserves the right to extend the Contract period by another twelve months (12) at mutually agreed terms. The corporation will give one months (1) advance notice to the Contractor if desired to extend the contract. (In case of extension for 1 year after completion of ONE years the payment is paid as per approved last Year rates for Next ONE year).

7. CORRESPONDENCE / NOTICES

For the purpose of all Correspondence/Notice the following shall be the address of the Corporation "Add. Chief Engineer (Electrical), 5th Floor, "C"-Block, Sardar Patel bhavan, Danapith, Ahmedabad -380 001, Gujarat."

8. Deleted

9 TERMS OF PAYMENT TO THE CONTRACTOR

- 9.1 The Contractors request(s) for payment shall be made Monthly on submission of bill for the operation, maintenance and Comprehensive repairing / replacing work to the AMC in writing, accompanied by invoice(s) in triplicate along with necessary documents as mentioned below duly certified by our Engineer in charge of AMC.

For SITC Work

- 100% against SITC.
- Monthly payment will be given after satisfactory completion of Comprehensive O & M work. As Per Quoted Rate along with divide by months.

- 9.2 Client will not issuing form "C" and "D" hence bidders should charge taxes accordingly.

- 9.3 Final bill of last three months of contract period will be paid after duly check of each equipment and certified by AMC engineers.

- 9.4 AMC or its representative shall have the right to inspect and / or to test the equipments, goods and work any time to confirm their conformity to the contract

- 10 In case of dispute in interpretation of specification, terms / conditions, the decision of Add. Chief engineer (Electrical)-AMC shall be final and binding on the part of the tenderer / contractor

- 11 Payment will be given to Contractor as early as possible but due to any reason bill payment delayed then the tenderer is not eligible to claim / demand any compensation for loss of interest or thereof. The bill submission shall invariably be

submitted as per Performa of Bill submission as per table-1 below along with the copy of relevant pages of service/maintenance/repair record register corresponding to the period of bill claim as per following detail

S.N	DESCRIPTION
	DOCUMENTS TO BE SUBMITTED MONTHLY
1	Present sheet as per Table-2
2	Daily Report book as mentioned in Table-3
3	Log book of D.G.set as per Table-4
4	Details of maintenance /faults on D.G.set as per Table-5
5	Details of Major Breakdown occurs during Month if any
	DOCUMENTS TO BE SUBMITTED HALF-YEARLY
1	Value of Earth Resistance of Each earth pit after necessary tests
2	Transformer Oil BDV Value if found less than standard value then contractor has to filter / replace oil immediately with to maintain BDV value as per standard
	DOCUMENTS TO BE SUBMITTED YEARLY
1	To carried out filtration of each transformer and submit BDV value of Transformer Oil
2	"B" check service report of each transformer from authorized vendor as per manufacturer standard
3	Electrical Inspector reports for Annual inspection of Electric Installation and Original Chillian that has to paid to Electrical Inspector Office

12.0 FORM OF RECORDS

12.1 Contractor has to maintain records as per Engineer-in-charge instructions

12.2 All the records pertaining to this contract are the property of the department and agency has to submit the same to the Engineer-in –Charge on expiry/termination of contract.

13.1 ARBITRATION/JURISDICTION

13.2 Disputes of any nature that may be arise in connection with the execution of this order shall be governed by the laws of India and subject to the jurisdiction of courts situated in Ahmedabad, Gujarat, India only.

13.3 In the event of any question, dispute/difference arising under the agreement or in connection herewith (except as to matters the decision of which is specially provided under the agreement) the same shall be referred to the sole arbitration by the Municipal Commissioner, AMC & his decision will be final and binding.

13.4 The Arbitrator may give interim awards and/or directions, as may be required, Subject to the aforesaid provisions the Arbitrator & Conciliation Act, 1996 and the rules made hereunder and any modification there of from time to time being in force shall be deemed to apply to the arbitration proceedings under this clause.

14 Income tax deduction at source as per the rules in force will be deducted from the bill and the amount so deducted will be credited to the Income tax authority and a certificate of the amount credit will be issued by the Account Section of Institute.

15 Force

Majeure:-

- Notwithstanding the provisions stated above, the service provider shall not be liable for forfeiture of its performance security, penalty or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the contract is the result of an event of force majeure.
- for purposes of this clause, "Force Majeure" means an event beyond the control of the supplier and not involving the contractor/service provider's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the service provider either in its sovereign or

contractual capacity, wars or revolutions fires, floods, epidemics, quarantine restrictions and freight embargoes.

- If a Force Majeure situation arises, the contractor/ service provider shall promptly notify the AMC in writing of such conditions and the cause thereof. Unless otherwise directed by the employer in writing, the service provider shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

- 16 Institute** reserve the right to curtail or enhance the scope of work either by deletion of certain items entirely or by reducing/increasing the quantities of certain items as required and reviewed by the Institute from time to time and therefore, the final value of the work shall be worked out and paid to the extent of work actually carried out.

Signature of the Tenderer

Name :

Company's seal

Date :

Add.Chief Engineer(Electrical)

AMC

TABLE 1 :- PERFORMA FOR BILL SUBMISSION
--

To,
Add.Chief Engineer
(Electrical),
Light Department
AMC,Ahmedabad.

Dear Sir,

Name of Work :- _____

Work Order No:- _____

1. We submit herewith our bill (in triplicate) for the period _____
Maintenance contract.against the above
2. The total electrical units consumed as per metering is _____units (current reading
– previous reading).
3. The diesel consumed during the above period is _____ Ltrs. The total run hours and
KWH in respect of each engine is given below : -

Total Run Hrs

Total KWH

Engine

I

Engine

-II

Engine

-III

4. The penalty imposed by Electricity Board during the period is Rs._____.

5. The following break down in important services like transformer, H.T./ L.T.Panel /Sub
Station, , DG set, water supply took place during the above period.

i

)

(

i

i

)

Thanking you,

Yours faithfully,

Encl: As above. (- Pages)

TABLE:-2 PRESENT REPORT OF CONTRACTOR'S STAFF

[illegible]

TABLE-3 DAILY REPORT BOOK TO BE RECORDED BY VENDOR 24 x 7 Hrs (365 Days)

[illegible]

TABLE :4 LOG BOOK OF GENERATOR SET

								Date		
								ON		
								OFF		
								Start		
								Stop		
								RY		
								YB		
								RB		
								R		
								Y		
								B		
								Start		
								Stop		
								Freq. Meter reading		
								P.F.		ACCOUNT OF FUEL
								Water Temp.		ACCOUNT OF FUEL

Oil Pressure

								Volt		
								Amps		ACCOUNT OF FUEL
								Opening Balance		
								Fuel Added		
								Total		
								Consumed		
								Balance		
								Remarks		

TABLE-5 DETAILS FOR MAINTENANCE FAULTS ON D.G. SETS

[illegible]

D-5 PART A :-GENERAL CONDITIONS OF CONTRACT

DEFINITIONS:

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

- (a) **'Corporation / Employer'** shall mean AMC.
- (b) **'Engineer'** shall mean any Engineer or other official of AMC who may be authorized by the Corporation to carry out the functions of any Engineer.
- (c) **'Engineer's representative'**, shall mean any Engineer, Consulting Engineer or Assistant appointed from time to time by the Engineer to perform the duties of the Engineer.
- (d) **'Contractor'** shall mean the firm, company or organization undertaking work Operation and Maintenance of Hostel building and shall include all their legal representatives.
- (e) **'Contract'** shall mean the agreement between the Employer and the Contractor along with the Specification and all documents incorporated therein by reference and all documents incorporated by these Conditions of Contract.
- (f) **'Contractors Obligations'** shall mean the obligation to perform in its entirety and shall, without limitation, include the Operation and Maintenance and repairing/replacing of Water pumping station.
- (g) **'Plant'** shall mean all the electrical - mechanical equipments, switchgears, machineries, cables etc. in the /Hostel/College.
- (h) **'Services'** shall mean Operation and Maintenance and Comprehensive repairing / replacing Hostel and any other incidental services such as cleaning, vigilance, security as per contract.
- (i) **'Date of Taking Over'** shall mean the date of issue of the 'Taking over certificate' under the contract.
- (j) **'Facility'** shall mean the entire plant including the buildings, structures, ramps, pits, instrumentation, fencing, lighting, testing equipments such as fixed & ring spanner sets, pipe wrenches, hammers etc.
- (k) **'Government Authority'** shall mean any Indian entity, authority or body exercising executive, legislative, judicial, regulatory or administrative functions including, without limitation, any government authority, agency, department, board, commission or instrumentality of Indian or any political subdivision thereof, court, tribunal, arbitrator or self-regulatory organization.
- (l) **'Law'** shall mean and include all the provision of all Indian statutes, regulations, ordinances, codes, official or other standards, administrative or other rules, judgments awards and degrees of, or agreements with, any Government, semi-Government or quasi- Government Authority as currently in effect or as may be in effect from time to time and/ or as may be amended or supplemented from time to time.
- (m) **'Operation and Maintenance'** shall mean that operation with comprehensive repairing maintenance of said Hospital/Hostel/College with all electrical & mechanical equipments for three years as per tender terms ,condition and specification with good engineering practices without any extra cost quoted in the price bid of the tender.
- (n) **'Operation and Maintenance obligations'** shall mean the obligation of the Contractor pursuant to the Agreement to operate the facility on and from the Date of handing over until the date of completion of this Agreement.

- (o) **‘Operation and Maintenance Period’** shall mean the period starting on the Date of handing over and continuing till the term of the Agreement.

2. OPERATION

2.1 The contractor shall operate and maintain Comprehensive repair/replacement work of Internal and External Electrification works for said Hostel on a continuous 24 x 7 hours basis as per instruction by AMC official or Engineer in charge regularly. The Contractor shall operate and utilize all the control and monitoring systems, provided and if found to be necessary and if approved by the engineer, shall make adjustments within the operating range of the control system and equipment so that the plant operation matches the requirement.

- 3 For smooth & efficient Operation and Maintenance of the plant, and in case of emergency just like fire, fault, accidents, or other rescues operation, the contractor must keep all equipments in working condition for 24 x 7 Hrs ,365 days for the whole contract period.

4. ELECTRIC POWER

AMC shall directly pay all the power bills but the Contractor will be required to keep electricity consumption records & furnish the same to AMC.

MANPOWER

- 5 The shall provide necessary personnel labour, duly qualified experience necessary to operate and maintain all equipments safely and efficiently on a continuous 24 x 7 hours basis for the Contract Period.
- 5.2 The qualifications and capability of the Contractor’s personnel shall be appropriate for the task they are assigned to perform. The staff / worker provided shall be fully trained in the operation and maintenance of the electrical-mechanical equipment for said work before being given responsibility for operating any part of the Plant. If in the opinion of the engineer, any member of the Contractors staff / worker is considered to be insufficiently skilled or otherwise inappropriate for the task he is required to perform, he shall be replaced by the Contractor with a person with the appropriate skills and experience for the task, to the approval of the Engineer.
- 5.3 The contractor will be required to submit to the details of his all Employees (Manpower) with their full name, qualifications, experience with date and time of his duty along with necessary certificates. Also has to inform if any changes in their staff.

6. SAFETY

- 6.1 The Contractor shall be responsible for maintaining highest standard of security and safety on Site and also for its manpower during operation and maintenance contract period.
- 6.2 The Contractor’s duties with respect to security and safety shall include the following
- (a) Utilize security and safety awareness procedures in every element of operation and maintenance.
 - (b) Give emphasis to site including:

- (i) Safe working and safety procedures as per rules and regulations of Governments and electrical inspector regarding use of protective clothing, gloves, boots and helmet etc.
- (ii) Awareness of hazardous conditions and accident reporting and necessary compliance.
- (iv) Safe Work practice in Hospital premises.

7. MAINTENANCE

7.1 Materials, Consumables, Spares & Tools etc

All consumable items (materials) and spare parts for electrical and mechanical equipments are in the scope of contractor Contractor & Tackles required for maintenance work of Hostel, Hospital and College like machine/tools suitable for all size H.T./L.T. cable, Ring and adjustable spanner Pipe, wrench Spanners, hammer, screw driver sets, Grease, Grease gun, Megger, Earth tester multimeters, test lamp, safety hand gloves, blowers, Torch & emergency lights, required size ladder and consumables like PVC tape, Nut Bolt with washer, Fuse links, Selling compound etc for satisfactory operation and Maintenance and comprehensive repairing work..

All miscellaneous items like cotton waste, security & safety equipments, all office contingencies required, house keeping for S/S yard, H.T./L.T. room etc shall be in the scope of contractor at his cost.

7.2 Maintenance of Buildings & Site

The Contractor shall be responsible for:

- (a) The maintenance and comprehensive repair/replacement of all electrical installation.
- (b) Site maintenance including the up keeping of H.T./L.T areas.

The Contractor shall ensure that all unwanted or redundant items after maintenance of Electrical works are removed from the site place and building. Depending on their condition such items shall either be placed into storage or disposed off from plants as per AMC engineer in charge's instructions.

8. INSURANCE

8.1 The Contractor shall indemnify the Employer against all losses and claims in respect of :

- (a) Death of or injury to any person, or
- (b) Loss of or damage to any property (other than the works)
- (c) Which may arise out of in consequent of the Operations of the Facility and the rectifying of any defects therein, and against all claims proceedings, damages costs, and expenses whatsoever in respect thereof or in relation thereto.

8.2 The Employer shall not liable for or in respect any damages or compensation payable to any workman or other person in the employment of the Contractor or any Sub-contractor, resulting from any act or default of the contractor, his agents or servants.

9. PLANT VISITS

The Employer reserves the right to arrange the visits of VIP's dignitaries, public representatives and other persons of Social or Political repute, any organization students, candidates as and when necessary, to the Hostel. The Contractor shall offer full co-operation to the Corporation on the occasions of such visits.

10. HANDING OVER AND TAKING CHARGE OF THE CONTRACT

At the time of Handing Over the contractor should check all equipments and has to submit technical reports to Clients and on completion of contract or if the contract is terminated, all the installations, works and equipment placed under the contractor's responsibility shall be handed over to the Employer or another agency, at no cost, in **good working order**. The Employer may perform any inspections, tests or expert appraisals he shall consider necessary with a view to checking that the property is in good working order and will certify to that effect to the contractor while taking over.

PART B:-SPECIAL CONDITIONS OF CONTRACT

1.0 SCOPE OF MAINTENANCE

- 1.1 Electrical maintenance of the Hostel & hospital Substation building as applicable in this contract means that all Electro- Mechanical Services included in the schedule of work to be kept in operational and healthy and clean condition. Wherever maintenance schedule is prescribed, the same is carried out and breakdowns are attended promptly.
- 1.2 Specific details of O & Comprehensive Maintenance activities with regard to each service are spelt out under section pertaining to that service. In case of minor addition / alteration to the installation / existing equipment the Operation and maintenance of such addition shall be done by the firm without any extra cost.
- 1.3 Watch and ward of the installation under O & M ,care of the contractor at the site shall be the responsibility of the contractor during contract period.
- 1.4 The contractor shall not sublet the work or part thereof; however, services of specialized agencies for specific works can be obtained with the permission of AMC.
- 1.5 The workers of agency shall take actions by switching ON / OFF lights of common area , proper operation of equipment and observing other energy saving guidelines to enable optimum utilization of energy. Kindly Consider common area means area surrounding Building i.e. Streetlights on/off and operation of the same is in the scope of Contractor.

2.1 METHODOLOGY AND STAFF

- 2.2 It is mandatory that contractor will provide staff at the site which will be able to perform prescribed O &M functions. Since the firm will be doing the maintenance and/or operation of critical services in exchanges like sub-station, standby power, etc. responsible and trained persons should be placed round the clock at site who could take initial steps under emergency situation.
- 2.3 In case of faults beyond the capacity of the staff provided as above, contractor shall immediately provide extra specialized work force so as to attend to the fault in minimum reasonable time or as instructed by the Engineer-in-charge during the validity of contract.
- 2.4 Shut down for maintenance shall be taken with prior approval of the department.
- 2.5 The workers engaged by firm should maintain proper discipline and good behavior with occupants. The firm shall remove such workers from the site whose behavior is found improper. Engineer-in-charge decision in this regard shall be final.
- 2.6 Agency has to observe all the labour rules and regulations in-force.
- 2.7 The agency has to supply details of all the workers (Name, and address etc.) engaged by him at site.
- 2.8 The vendor agrees that it shall at all times indemnify AMC against all claims for compensation under the provisions of any law for the time being in force or in respect of any person employed by it in carrying out the contract. Further, such staff will have no right to claim employment from AMC.
- 2.9 Firm should have round the clock contact telephone number. In case of Emergency, contractor and authorized engineer / supervisor shall be made available at site on short notice from engineer in charge and make all efforts to make the situation normal at the earliest.

- 2.10 The agency will display on a board in sub-station room/power room important telephone numbers and the duty chart of the workers engaged by him, as per requirement of engineer-in-charge.
- 2.11 A complaint register shall be maintained as per attached format or as per instruction of Engineer-in-charge of AMC and shall be kept upto date at the enquiry by the firm and the same shall be available for checking & verification.
- 2.12 The agency will provide the workers with necessary Testing and safety equipments along with the mandatory first aid box/kit.
- 2.13 The Maintenance Staff shall have the tool kit bag as per the site requirement.

3.0 MATERIALS

- 3.1 Replacement of defective/damaged material by the vendor shall be on like by like / approved make basis and at his cost.
- 3.2 Dismantled materials shall be returned to the department except those items for which the replacement is supplied by the agency.

4.0 DAMAGES TO AMC- INSTALLATION:

- 4.1 Any damage to the installations/building during the O & Comprehensive maintenance period due to the carelessness on the part of maintenance staff shall be the responsibility of firm and be replaced/rectified by him without any extra cost to AMC.
- 4.2 Any accident or damage during maintenance/operation will be the responsibility of the agency and AMC will not be liable for any claim, compensation, penalty etc. on this account or on account of non observance of any other requirement of law relevant to this work.

5.0 TERMINATION OF CONTRACT

- 5.1 Right is reserved by AMC for terminating the contract by giving one month notice due to serious default. This includes major break down or accident due to negligence on the part of firm, failure to attend breakdown, disobedience and abandoning the site etc. In such a case full performance guarantee/security deposit shall be forfeited by AMC.
- 5.2 AMC reserves the right to carry out any work at risk and cost of the agency, if the agency fails to perform any duty within the time frame as mentioned in the agreement or within reasonable time period decided by Engineer- in –Charge, in case, no time frame is mentioned in the agreement.
- 5.3 If the firm fails to rectify the initial faults in all the electromechanical services indicated at the time of handing over within specified time reckoned from the date of taking over of maintenance, AMC reserves the right to terminate the contract without any further notice and/or to carry out the work at risk and cost of the agency.
- 6 Record of preventive maintenance and testing of equipment etc. carried out has to be readily Available at site, failing which firm shall be liable of non-execution of its liability under contract. If felt necessary Engineer-in-Charge has power to modify preventive / testing schedule. The joint inspection report to be kept in the complaint register of main site.

D-6 :- GENERAL AND ROUTINE PREVENTIVE MAINTENANCE WORK

General/routine preventive maintenance schedule for various equipments shall be adopted from Operation and Comprehensive Maintenance to be carried out by the Contractor's personnel shall include **but not limited to the following**

- 1.If it is observed that average power consumption per month is increased, the contractor has to trace out the fault and rectify the same to bring to the standard value.
- 2.De-watering and cleaning of the Transformer yard and other places. Consider De-watering of Transformer Yard/D.G. Yard/H.T.-L.T. Panel room and other rooms covering electrical panels only other common areas are excluded from scope of work.
- 3.Drying and refilling of silica gel in the breather of the transformer.
- 4.Regular watering on the earth-pits.
- 5.Check for any oil leak in the transformer and intimating and repairing of the same.
- 6.Air blowing of motors, H.T /L.T panel etc.
- 7.Check for any loose connection in all electrical equipment and rectification of same.
8. Tightening of all loose nut-bolts and other fasteners.
- 9.General cleaning of all equipments and H.T./ L.T. Rooms.
- 10.Checking and replacement of bulbs, tubes, chokes, starters, switches, control etc.throughout the plant and including street and overhead lights.

PREVENTIVE MAINTENANCE CHECKS

The Contractor shall adopt preventive maintenance check's schedule as agreed mutually between the Contractor and the Employer. The preventive maintenance checks and their tasks frequencies will not be limited to the following

S.N.	DESCRIPTION
CHECKS TO BE PERFORMED DAILY	
1	The readings of the voltage, current, power factor, real power, and other related parameters through various meters/static power monitors etc. shall be checked and recorded in the Log-book/Register (provided by contractor) as per norms. Necessary action is to be taken if the readings are abnormal. The technical staff deputed at site by the service agency should mention work performance and any other work required by the equipment for proper functioning.
2	Operation of the Capacitor banks in the event of low power factor and to set the system at the desired power factor and to investigate the reason for lower power factor
3	To see for any lighting system flickering or fused bulbs/indicator lamp etc. and their Rectification/ replacement.
4	Vibration in the moving assemblies etc.
5	to check for any leakages in transformers
6	Working of gauges and measuring devices, if any.
CHECKS TO BE PERFORMED WEEKLY	
1	To check the fuses and other panel components at least visually.
2	To check the lugs / terminals points of the electrical panels, switches, starters, indication Lights, contactors, switchgear etc. and to be replaced whenever required.
3	Check the battery charger and battery bank and other controls.
4	Tightness of all electrical /cable connections.
5	Temperature rise due to loose connections.

6	Watering of earthing pits.
CHECKS TO BE PERFORMED MONTHLY	
1	Cleaning of the interiors of the switchgears panels by vacuum/air blower /wiping with them to make neat and dry condition. (with appropriate pressure)
2	To check the contacts of various contactors, cleaning/rubbing and changing of contacts with necessary permission for shutdown from the engineer-in-charge of the Client if required.
3	To check the inter-locking of the various equipment and trip circuits.
4	water the earth pits for proper earth resistance and checking the joints and continuity of arth conductors visually .
5	Meggering of electrical equipments.
6	Panel cleaning, checking and tightening of electrical circuit
CHECKS TO PERFORMED SIX MONTHLY	
1	To check the entire switchboards and tightening the cable joints, Switches and any other activity to be carried out for proper maintaining the electrical installation.
2	Cleaning of panels, cable trenches and cable ducts etc. concerned with the power , control and telecommunication cables of the systems.
3	To measure the earth resistance of each earth pits and to ensure that they are in the tolerance range. Also measuring the resistance of earth at all major equipment & including main electrical panels of the buildings to which power supply from substation are made by appropriate measurement instrument.
4	Transformer maintenance and cleaning, checking silica gel, oil checking and filtering in found lesser breakdown value and topping/ replacing the Oil
5	11 KV VCB cleaning and maintenance
6	Auxiliary DB, Capacitor bank, if any.
7	Battery and Battery charger
CHECKS TO BE PERFORMED ANNUALLY	
1	To check and to carry out servicing of the VCBs/ACBs if required.
2	Overhauling of each equipment (Including Relays/Transformers) as and when required or as per requirement of the OEM/OEM's manuals.
3	o check all the Circuit Breakers connected with the switchgear panels and their operating mechanism /contacts etc. and make them in perfect condition
4	To measure the earth resistance of the earth pits and to ensure that they are in the tolerance range. Also measuring the resistance of the earth at all major equipment & including electrical panels of the buildings to which power supply from substation one made.
5	Electrical Inspector and certification work.
Repairing/Replacing work generally encountered in the plant but not limited to Electrical works	
For <u>Both H.T., & L.T. Installations</u>	
1	Replacement of no-volt coil for VCB .
2	Replacement of cable lugs including terminations
3	Replacement of burnt out HRC fuses.
4	Replacement of moving and fixed contacts or contractors.
5	Repairs to Isolators and Switch fuse units and replacement of it and fuse base units

EQUIPMENTS DURATION FOR PREVENTIVE MAINTENANCE	
1	Equipments covered under monthly maintenance
2	UPS input and output panels
3	APFCR panels
4	Common supply panels
5	Lighting panels
6	Utility panels
	Equipments covered under quarterly maintenance
1	Bus ducts
2	Main PCC Panel
3	LT outdoor kiosk
	Equipment / activities covered under half yearly maintenance
1	Transformers with OLTC/RTCC panels
2	Earth resistance values measurement
	Equipment/activities covered under yearly maintenance
1	VCB's relay testing
2	VCB's relay testing
3	HT cable ir values recording
4	LT ACB'S servicing
5	Compliance report to AMC/AMC-MET
6	Oil filtration and topping up of oil, Transformer oil testing and values submission to AMC/AMC-METAND Silica gel replacement

D-7:-BRIEF DESCRIPTION OF EQUIPMENTS COVERED UNDER COMPREHENSIVE REPAIR AND MAINTENANCEWORK

Brief Scope of work for OPERATION AND COMPREHENSIVE MAINTENANCE FOR TWO YEARS AND SITC OF ELECTRICAL WORK (As When Required) OF SHARDABEN GENERAL HOSPITAL,SARASPUR AT AHMEDABAD is described as under

1) OPERATION AND COMPREHENSIVE MAINTANANCE OF ELECTRICAL SUBTATION & ITS EQUIPMENTS

- ✓ HT VCB PANEL
- ✓ TRANSFORMER
- ✓ D.G SET
- ✓ HT AND LT CABLE
- ✓ CABLE TERMINATION
- ✓ MAIN LT PANEL
- ✓ APFCR PANEL
- ✓ PCC& SUB PCC PANEL
- ✓ PLATE / PIPE TYEP EARTHING

2) PREVENTIVE MAITANANCE OF MAJOR SUBSTATION EQUIPMENT AS PER MANUFACTURER'S RECOMMENDATION AND INSTRUCTION MANUAL INCLUDING SUPPLY OF NECESSARY MATERIALS, SPARES FOR REPLACEMENT OF FAULTY / DAMAGED EQUIPMENTS / PARTS & ACCESSORIES

- ✓ HT VCB PANEL
- ✓ TRANSFORMER
- ✓ D.G SET - NECESSARY SPARES & LUB. OIL FOR ROUTINE SERVICE SHALL BE PROVIDED. DIESEL WILL PROVIDED BY AMC
- ✓ MAIN LT PANEL
- ✓ APFCR PANEL
- ✓ PCC & SUB PCC PANEL
- ✓ PLATE / PIPE TYPE EARTHING

3) OPERATION AND COMPREHENSIVE MAINTANANCE OF INTERNAL & EXTERNAL ELECTRICAL INSTALLATION

- ✓ POINT WIRING INCLUDING CIRCUIT MAINS FOR LIGHT / FAN /CALL BEL / EXH. FAN POINT
 - ✓ POINT WIRING INCLUDING CIRCUIT MAINS FOR 5A /15A PLUG POINT
- ✓ P O I N T WIRING INCLUDING CIRCUIT MAINS FOR 20A/32A/63A/40A SINGLE PHASE / THREE PHASE METAL CLAD PLUG POINTS

- ✓ REPLACEMENT OF FAULTY / DAMAGED SPN DB , ETPN DB, VTPN DB WITH ELCBs/ MCBs/ISOLATORS
- ✓ ALL TYPES OF LIGHT FIXTURES - MIRROR OPTIC/ DOWNLIGHTER/ /STREET LIGHT / FIITNGS. REPLACEMNT OF LAMPS, BALLASTS, STARTER AND OTHER ACCESSORIES INCLUDING FAULTY / DAMAGED WIRING
- ✓ ALL TYPES OF FANS : CEILING FAN , EXHAUST FAN.REPLACEMNT OF CAPACITOR & OTHER ACCESSORIES INCLUDING FAULTY / DAMAGED WIRING / WINDING

4) PREVENTIVE MAITANANCE OF ELECTRICAL INSTALLATION - INTERNAL & EXTERNAL

- ✓ MCB DB
- ✓ CEILING FAN, EXHAUST FAN

5) OPERATION AND COMPREHENSIVE MAINTANANCE OF TELEPHONE SYSTEM

- ✓ RJ-11 TELE. SOCKET OUTLET
- ✓ TELE. WIRING AND ACESSORIES, Telephone Instruments also Scope in Contractor. Telephone Instruments Comprehensive Maintenance works are excluded.

6) OPERATION AND COMPREHENSIVE MAINTANANCE OF DATA NETWORKING SYSTEM

- ✓ RJ-45 INFORMATION SOCKET OUTLET AND FACE PLATE
- ✓ PATCHMAX PANEL, DATA NETWORK SWTICH, RACK
- ✓ INTERCONNECTING CAT-6 CABLING AND MOUNTING CORD

DETAIL SCOPE OF WORK

(A) ELECTRICAL INSTALLATIONS & FANS

1. Ensuring that EI installation is always kept in clean, healthy working condition.
2. Attending day to day routine complaints in a prompt and satisfactory manner.
3. Maintaining the installation i.e. fans, fittings, DB's panels and other components of the installation
Clean condition
4. Ensuring that there is no wastage of electrical energy. Details of steps to be taken in this regard to be worked out in consultation with the maintenance-in-charge.
5. Carrying out minor additions and alterations ordered by Engineer-in-charge.(Materials required shall be supplied by the Department).
6. Measurement of the resistance of Earth stations of EI system and checking of the continuity of earth conductor. Results to be recorded.
7. Inspection of main Switch Board and LDB's for any loose / improper connection
8. Insulation test for all cables, panels, DB's & wiring associated with DB's
9. Broken/incomplete louvers of fittings, switch plates etc. to be attended at the earliest.
- 10 All the materials required for carrying out maintenance with the exception of following shall be arranged by the contractor at his own cost.
"Replacement of complete Fans & Fittings,

Note:-

1. The replacement of material shall be with the same rating and make as that of the original. However, in case of non-availability of a particular make, the Engineer-in-charge will approve the alternate make.
2. The material required for addition & alteration shall be supplied by the AMC.

(B) COMPOUND LIGHTING

1. Ensure that the compound lighting installation is always kept clean, and in healthy working condition.
2. Attending day to day routine complaints in prompt and satisfactory manner.
3. Ensure that there is no wastage of electrical energy and lights do not remain switched on when not needed. Setting of timer control as and when required.
4. All the materials required for carrying out maintenance with the exception of following shall be arranged by the contractor at his own cost.
 - (i) Replacement of complete Pole / Fitting.
 - (ii) The replacement of the cable is not in the scope of the firm's however any breakdown, burning in the end terminations of cable or the cable faults at joints etc are to be attended by the firm without any extra payment.
5. The replacement of material shall be with the same rating and make as that of the original. However, in case of non-availability of a particular make, the Engineer-in-charge will approve the alternate make

(C) LIGHTNING ARRESTER SYSTEM

1. To ensure that entire system is in proper working condition.
2. To inspect the complete system for continuity. Proper contacts.

3. To measure earth resistance of earth stations & Record values and any shortcoming found should be recorded and brought to notice of Engineer-in-charge of AMC.
4. All the material required are to be arranged by the firm.

(D) SUB – STATION AND AVR/UPS

1. Ensuring that H.T. Panel, Transformer, LT panels, Capacitor panels and outdoor structure as well as connecting cables / ducts, constituting the substation are maintained in healthy & clean conditions
2. Monitoring on continuous basis power factor & peak load and ensuring that these are Maintained within limits to avoid penalty.
3. To ensure continuous power supply and in case of break down take steps to ensure restoration at the earliest.
4. Rubber matting in front of H.T and LT panels to be checked regularly. However Rubber Matting with cracks and in torn condition has to be replaced by the agency.
- 5 The person(s) deputed for sub-station job should.
 - Know how to treat the person suffering from electric shock/burn etc.
 - Be able to operate / select proper fire extinguisher.
 - Make himself familiar with the distribution scheme, the switches controlling various loads and also importance.
 - Clearly understand what is to be done in case of an emergency. This should be done In consultation with Engineer-in-charge.
 - Carry out general inspection with a view to identify shortcomings if any in the sub-station installation
 - Check all the switches and meters for proper operation
 - Check availability and working of fire extinguishers at earmarked locations. In case Of any irreparable damage the fire extinguisher shall be replaced by the agency.
 - Check operation of all the safety devices like relays and fuses.
 - Check the earthing system for the proper earth values & continuity of earthing System.
 - Check oil level in all the equipments to ensure proper levels.
 - Check power factor meter, maximum demand meter for proper functioning
 - Check the tripping of the HT panel i.e batteries etc, for proper functioning.
 - Check all the electrical connections for proper tightness.
- 6 Check all the equipment's installed in the sub-station for
 - Any abnormal heating.
 - For any abnormal noise
 - Any breakage / oil leakage in the equipment installed
 - Any inflammable material like oil broken furniture, packing etc. is stored in the sub-station. If fire hazardous material stored, it has to be removed immediately. If required contact Engineer-in-charge for suitable action.
 - The colour of the silica gel in breather attached to the transformer. Colour should be white.
 - Proper working of the instruments

- In case of outdoor installation inspect for any abnormality
- 7 Ensure that the H.T tripping circuit is in healthy condition.
- 8 **MATERIAL**
- All the materials required for carrying out maintenance with the exception of following shall be arranged by the contractor at his own cost.
- Replacement of complete transformers / H.T. panel /L.T. panel / Capacitor panel / AVR / UPS.
 - The replacement of the H.T / L.T cable is not in the scope of the Contractor. However any break down, burning in the end terminations of cable, or cable faults at joints, etc are to be attended by the firm without any extra payment.
 - Replacement of metering units, CT, PT, Relay and all other accessories under Custody / jurisdiction of Supply Company. However providing of fuses shall be the responsibility of the contractor.
 - Complete Replacement of Oil in Transformer /AVR however top up /dehydration is in scope of firm
 - In case transformer/AVR/UPS is required to be repaired, all the labour and lifting arrangement shall be arranged by firm without any extra payment. The contract is for the comprehensive maintenance as such the firm shall arrange all materials at his own cost including Rewinding of Transformers.
 - Replacement of life expired batteries for UPS/Inverter/Auxiliary supply.

Note:-

- (1) The replacement of material shall be with the same rating and make as that of the Original. However, in case of non-availability of a particular make, the Engineer-in- charge will approve the alternate make.
- (2) If anything adverse is noticed during routine check, the matter will be reported to the Engineer- in-charge and wherever necessary corrective measures should be taken immediately
- (3) Persons employed for substation work shall have necessary permit /license to work on H.T voltage as per local by laws/Local Electricity Board.**
- (4) Agency has to fulfill the local by laws for working on H.T & L.T voltages during the currency of contract & should have the requisite license as applicable to work

(E) D.G.SETS

1. Ensuring that the D.G. set installation is kept in clean and healthy working condition.
2. Testing the system regularly for operating fitness.
3. Carrying out various maintenance activities and test as per OEM standard.
4. The vendor shall arrange inspection of installation by authorized Engine service dealer and shall submit its health check report to AMC
5. The vendor shall replace the set of batteries, free of cost, if found defective, during the currency of the contract giving the details of make, AH & Sr. No. etc.

6. The engines have to be operated whenever required and staff should be available round the clock for the same.
7. All control devices including their functioning is to be checked in the presence of engineer-in-charge or his authorized representative
8. Inspect the installation for any shortcoming which is to be recorded and brought to the notice of Engineer-in-charge.
9. Check the safety devices as well as operating switches for their proper functioning. Any defective item to be attended on priority basis and the system should be brought into working condition.
10. Inspect the D.G.room/ yard room for proper ventilation. Steps for improvement, if Required, should to be discussed with Engineer-in-charge.
11. The engine capacity vis-a-vis the loads being supplied should be checked to ensure that there is no mismatch
12. Check the earthing system for proper values. The results of inspection as above should be recorded in register and brought to the notice of Engineer-in-charge.
13. **Daily Check**
 - Check the availability of diesel.
 - Check the level of water/coolant in the radiator
 - Check the state of battery, terminals for cleanliness & level of water.
 - Check the lubricating oil level.
 - The D.G. set should be run every third day or as per the instruction of Engineer-in-charge for about 10 minutes to ensure that it is in perfect working condition
 - Ensure cleanliness of the D.G room.
 - **Check airline connections and air breather for cleanliness**
14. **Periodic Check**
 - Border value (decision of Engineer-in-Charge is final) i.e. lube oil pressure, lube oil temperature, water temperature, exhaust temp., etc. etc. , then remedial action shall be initiated by the agency .
 - Oil change, filter change shall be done as per manufacturer's recommendation.
15. Contractor has to done all services/"B" check service as per manufacturer's recommendations with all filters, lube oil etc and has to submit report to Engineer-in-charge.
16. **MATERIAL**
All the materials required for carrying out maintenance with the exception of following shall be arranged by the contractor at his own cost:-
 1. Oil for D.G. sets.
 2. Replacement of complete Engine, Alternator and control panel.
 3. The replacement of material shall be with the same rating and make as that of the original. However, in case of non-availability of a particular make, the Engineer-in-charge will approve the alternate make.
 4. Major overhauling of D.G set which is due after fixed running hours (top overhauling) as Per recommendation of manufacturer. However repair and overhauling required otherwise will be firm's responsibility the contract is for the comprehensive maintenance as such the firm shall arrange all materials at his own cost including *rewinding of Alternators/repair, replacement of AVR of alternator etc.*
 5. Diesel for D.G. set shall be supplied by AMC.

17 REPLACEMENT OF EXISTING LIGHT FIXTURES: The contractor will have to take possession of old light fixture and his removable accessories as instruct by Engineer-In-Charge (EIC) and shall clear the site.

The bidder keep in mind the work is one to one replacement hence they need to clear side and old removed fitting and its accessories kept in store or allocate space as instruct by Engineer – In- Charge , after Complete replacing work bidder will take materials from site.

The scope of work includes Replacement of Existing Old Indoor Lights Fixture and Supply installation, testing and commissioning of New Indoor LED Fixture with cutting, pasting and any more work to proper fix and match to existing color shade on existing ceiling

- ☐ The Replacement of Electrification work should be based on factors like quality, economy, effective time saving, space requirement and above all complete satisfaction to the AMC with least electrical power consumption.
- ☐ The bidder shall responsible to remove old fixture and their accessories and keep in store or allotted space.
- ☐ During replacement time any damage happen the bidder shall fully responsible.
- ☐ During installation of new fixture the required accessories like connector, cable, POP work, cutting work, pasting in ceiling work, color work etc... will be done by bidder and bidder shall ensure the replacing fixture will fix in blowing/working condition.
- ☐ The mentioned scope is not limited to the work the entire work shall be carried out as per AMC instruction.
- ☐ In some of place already LED fixture installed those fittings will not replace by bidder but if Engineer – In-Charge ask to replace them then bidder shall responsible to replace those fittings on his quoted rate no extra cost paid by AMC.
- ☐ During warranty and defect liability period time the bidder shall replace or repair the installed fixture within 24 hours after getting call from Engineer-In-Charge (EIC) or appointed authorize engineer by AMC.
- ☐ The bidder shall take the materials after getting conformation from Engineer-In-Charge (EIC) (Electrical).
- ☐ Bidder shall take provision of safety and other scope as mentioned in this tender volume.
- ☐ The bidder shall responsible to keep record and security of removing old fittings and his accessories, the AMC shall not responsible those removed materials. The AMC shall give only permission for take the materials from outside premises of AMC compound after completed of work
- ☐ The work is going in working offices premises hence bidder shall take provision and proper co- ordination with Engineer- In-Charge for easy to complete work without disturb or intrub the working of officers.
- ☐ Removed stock and materials will not kept in lobby and offices the bidder shall ensure that in every day removed materials take from site and kept in store.
- ☐ During replacement or installation or both the time if any damage or effect to existing system the bidder shall repair or replace the damage part or replace the materials in his own cost.

- If any old fixture and accessories damage during execution time the AMC will not responsible and not accept any claim by bidder.
- ❑ The bidder shall ensure that not to effect existing internal electrification work, if effected the bidder shall resolve the fault in his own cost including required materials labour etc.,.
- ❑ The bidder at his own risk and responsibility with safety measures/ Insurance, for the above said work.
- ❑ The bidder shall visit the site to clarify the scope of works, any query related to the tender shall not be entertained after bid is opened.
- ❑ The bidder shall have all labour licenses and safety licenses in any case required.
- ❑ Rates shall be quoted only after a site visit and getting explanation from the respective authority of the said works.
- ❑ No discussions or query shall be entertained or accepted after opening of the price bid.
- ❑ Technical data sheet must filled by bidder.
- ❑ Tender Form” – Must be filled by bidder with provide necessary supporting documents.
- ❑ Tenderer must be maintain minimum stock at AMC store/in his store during warranty period. The Minimum 5% of each category Fittings stock kept in AMC store. And it will maintain entire warranty period. If bidder fail to maintain stock as mentioned above the AMC has rights to put penalty or forfeit his security deposits and take action for black listing.
- ❑ Tenderer must have to arrange and bear all the cost inclusive inspection agency charges for
Inspection & testing of LED Fittings and all other products etc.by AMC officials / third party inspecting agency. Tenderer shall have to communicate date of inspection & testing well in advance so that we may depute our engineer during third party testing.

NOTE :-

- 1. Required service of D.G. set shall be carried out through authorized service dealer/ center only.**
2. Diesel consumption of the D.G. set shall be checked as per the manufacturer standard, However energy meter shall be provided by the department. In case of any excessive fuel consumption in comparison to manufacturer standard, the recovery of excessive fuel consumption will be made from the contractor.
3. Contractor shall also arrange necessary personnel for engine as required for routine/ breakdown/ major repairs/ regular service as per requirement through authorized service dealer only.

D-9 APPENDIX & DETAILS OF EQUIPMENTS TO BE OPERATED AND MAINTAN**COMPREHENSIVELY EXPERIENCE OF TENDERER**

1. Tenderer shall furnish in the form given below APPENDIX-A the details of similar or equivalent or bigger capacity building/work which are being / have been operated and maintained by them.

**APPENDIX -A :-OPERATION & MAINTENANCE EXPERIENCE OF INTERNAL AND
EXTERNAL ELECTRIFICATION WORK OF HOSPITAL OR OTHER BUILDING**

S. N.	Name of Project	Name of plant with location & address	Value of Contract in Rs.	Estimate d Cost	Duration of Operation of contract of		Whether project under litigation (Yes/No) & reasons there of
					Date of Start	Date of Completion	
1							
2							
3							
4							

Note:- If required separate sheet can be used for more details.

ANNEXURE: A

DETAILS OF EXISTING INSTALLATION AT NEW MULTISTORIED BUILDING OF SHARDABEN GENRAL HOSPITAL & HOSTEL BLOCK @ SHARDABEN HOSPITAL CAMPUS			
SR.NO.	ITEM DESCRIPTION	QTY.	UNIT
1	SUBSTATION EQUIPMENTS		
1.1	11 KV 400A VCB PANEL	3	NOS
1.2	11/0.433 KV ONAN TRANSFORMER		
1.2.1.	750KVA	2	NOS
1.3	DG SET -250 KVA WITH AMF PANEL	1	SET
1.4	MAIN LT PANEL	2	SET
1.5	APFCR PANELS	1	SET
1.6	PCC / SUB PCC	25	SET
1.7	HT CABLE	75	MTR
1.8	HT CABLE END TERMINATION	06	SET
1.9	LT CABLE OF VARIOUS SIZE	3015	MTR
1.10	LA	1	nos
1.11	LT CABLE END TERMINATION	164	SET
2	INTERNAL ELECTRIFICATION		
2.1	LIGHT / FAN /CALL BEL / EXH. FAN POINT	4580	PT/NOS
2.2	5A /15A PLUG POINT	3950	PT
2.3	20A/32A/63A SINGLE PHASE / THREE PHASE METAL CLAD PLUG POINT	650	NOS.
2.4	DISTRIBUTION BOARD(SPN/TPN)	130	SET
3	EARTHING		
3.1	PLAT TYPE -COPPER /GI EARTHING STATION	96	SET
4	TELEPHONE SYSTEM		
4.1	TELEPHONE OUTLETS WITH MDF AND ASSOCIATED CABLING & WIRING	130	NODES
5	DATA NETWORKING SYSTEM		
5.1	INFORMATION OUTLETS WITH PATCHMAX PANEL & SWITCH AND ASSOCIATED CABLING & WIRING	30	NODES

LIST OF APPROVED MAKE LIST

Sr. No.	Item	Make
1.	HT PANEL	KIRLOSAKAR/ABB/SIMENS /SCHINDER/L&T /C&S/ CROMPTON GREAVES
2.	TRANSFORMER	SUDHIR/ABB/CROMTAN GERVES/VOLTAMP/ KIRLOSAKAR /T&R/BHEL
3.	DIESEL ENGINE	KIRLOSAKAR /CUMMINS/GREAVES COTTON/ SUDHIR/ABB/ CROMTAN GERVES/ SIMENS/CATER -
4.	ALTERNATOR	AVK/GREAVES/KEC/STAMFORD
5.	BATTERY	EXIDE/AMRON/CUMMINS
6.	HV CABLE	POLYCAB / KEI/ HAVELLS/ FINLOEX/RR KABEL/ GLOSTER
6.	LV CABLES	POLYCAB /AVOCAB/ KEI/ HAVELLS/ FINLOEX/RR KABEL/ GLOSTER
7.	FLEXIBLE CABLE AND FRLS COPPER WIRES/CONTROL CABLE	POLYCAB /AVOCAB/ KEI/ HAVELLS/ FINLOEX/RR KABEL/ GLOSTER
8.	T V CABLE – COAXIAL	FINOLEX, AIRTECH, COMSCOPE/ SCHINDER
9.	TELEPHONE CABLE	FINOLEX, DELTON, HAVELLS, RALLSONE/ POLYCAB /AVOCAB/ RR KABEL
10.	CO-AXIAL/INSTRUMENTATION/ FIBER OPTIC/Cat-5 Cable& Cat-6 cable	POLYCAB, FINOLEX, PR, SYSTIMAX/ SALZER/ DELTON/ RALLSONE/ RR KABEL/ HAVELLS
11.	PVC CONDUIT WITH ACCESSORIES	BEC/NIHIR/AKG/PRECISION/FINOLAX/RAMCO
12.	MS CONDUIT WITH ACCESSORIES	BEC/ PRECISION /RAMCO
12.1	CABLE TRAY/CABLE MANAGEMENT SYSTEM	LEGRAND/L&T/ POWER CAB/RECOSELL/OBO BETTERMAN
13.	RACEWAY	BEC/LEGRAND/ PRECISION/MK/BETTER-MAN/OBO
14.	PANEL MANUFACTURER	Any CPRI Approved, The Panel Manufacturer Must Have Minimum 10 years' Experience of Panel Manufacturing.
15.	ACB/MCB /MCBDB/ RCCB /MCCB/ELCB	L&T / HAVELLS / ABB//SCHINDER/ LEGRAND/HAGER/ C & S/BCH
16.	PANEL ACCESSORIES	L&T,SIEMENS, HAVELLS / ABB//SCHINDER/ LEGRAND/HAGER/ C & S/BCH
17.	DIGITAL METERS,LOAD MANAGER	SCHNEIDER,CONSERVE,SECURE METER,L&T,MECO,DUCATI,HPL,EMERSON,ALLEN
18.	REALY	ALSTHOM,SIEMENS,SCHNEIDER,ABB,L&T

19.	PLC	SCHNEIDER,SIMENS,ABB,ALLEN BRADLEY,HONEYWELL
20.	CT/PT	KAPA/UNIVERSAL/AE/KAYCEE/IMP/C&S/MECO /KAPCO/INSTRANS/MEGAWIN/KALPA
21.	CONTACTOR	L&T / HAVELLS / ABB//SCHINDER/ LEGRAND/HAGER/ C & S//BCH
22.	TIME SWITCH	L&T / HAVELLS / ABB//SCHINDER/ LEGRAND/HAGER/ C & S/FINDER/BCH/GE
23.	HRC FUSES	L&T/GEPOWER/SIMENS/ABB/C&S/HAVLLES/EATON
24.	LED INDICATOR & PUSH BUTTON	C&S/AE/SIMENS/L&T/SCHINDER/ROCKWELL/ALLEN BRADELY
25.	CAPACITOR	NEPTUNE/ L&T/ABB/GE/DUCATI/ CROMPTON/ SIMENS/MATRIX
26.	APFC	L&T/SHREEM//C&S/ SCHINDER/EAP/TRICOLITE/ADLEC
27.	APFC RELAY	EMERSON/DUCATI/L&T /C&S/ SCHINDER
28.	TERMINAL BLCOK AND CAGE CLAMPS	ELMEXX/PHOENIX/WAGO/CONNECT WELL
29.	INSTRUMENT TRANSFORMER	AE/KAPPA
30.	LED LIGHTING FIXTURES, LAMPS, DECORATIVE LIGHT ANY TYPE	PHILIPS / CROMPTON /BAJAJ
31.	MODULAR/PIANO TYPE SWITCH, SOCKET AND PLUG ACCESSORIES	HAVELLES CABTREE / LEGRAND / SCHINDER/ MK HONEYWELL /ANCHOR ROMA/SALZER
32.	CEILING AND EXHAUST FANS	CROMPTON /ORIENT/HAVELLS/BAJAJ/USHA
33.	LIGHTING ARRESTOR/SURGE PROTECTOR	ALMCO/ELARO/INTERNATONAL/ATLAS/AREVA/O BLUM/EMERSON/OBO BATTERMAN/ESCO
34.	GLAND	Compression type, heavy-duty and deep threading with rubber ring and double washers. HMI, Raychem,COMET,JAISON,PEECO,3M
35.	LUGS.	DOWELS/OMEX,UNIVERSAL,JAINSON
36.	INDUSTRIAL SOCKET AND PLUG	L&T/LEGRAND/HAGGER/C&S/ SCHINDER
37.	HT/LT JOITING KIT	ANDREW VULE/RAY CHEM/ DENSON/BIRLA/ 3M
38.	TELEPHONE TAG BLOCK	KRONE
39.	TELEPHONE INSTRUMENT	ORPAT /BAJAJ/BEETEL/MATRIX/PANASONIC
40.	HDPE/DWC PIPE	BEC –PLAST /DURA LINE/TIRUPATI PLASTO/REX
41.	CHEMICAL EARTHING	LPI/ASHLOK/OBO BETTERMAN

42.	JUNCTION BOX	HENSEL/SINTEX/GEWISS
43.	STREET LIGHT POLE	BAJAJ/UTKARSH/CROMPTON/VOLMONT

Note:

- If any materials or items make is not indicating in above mentioned make list, in such case the bidder must be take prior approval from AMC for make and specification, and it should must be approved in BIS.
- The capital equipment or any product routine test inspection carried out by AMC and TPI at manufacturer place. All cost of inspection including travelling lodging and boarding included in contractor quoted rate.

Signature of the Tenderer
Name
Company's seal
Date

Addl. Chief Engineer
(Electrical)
AMC

IMPORTANT NOTE

- ▶ The successful contractor has to obtain approval for all the samples/ makes from the client/consultant before use. Without approval client has the right to ask to remove that material from the site.
- ▶ The approved makes given above are applicable in general. However final approval has to be taken from the client before execution of any item. Client has the right to choose any of the above make or any equivalent make other than this at the time of execution.
- ▶ The successful contractor has to obtain approval for samples / makes of minor electrical items from the clients which are not covered in make list before use. Without approval client has the right to ask to remove that material from the site.
- ▶ Vendor has to done tests at manufacturer's place / site and has to submit documents as per below mentioned category whichever is applicable as per instruction of client or its authorized representatives for above mentioned different electrical items.

Special Note:

- If any materials or items make is not indicating in above mentioned make list, in such case the bidder must be take prior approval from AMC for make and specification, and it should must be approved in BIS.
- The capital equipment or any product routine test inspection carried out by AMC and TPI at manufacturer place. All cost of inspection including travelling lodging and boarding included in contractor quoted rate.
- CMC quantity is tentative. Contractor must visit the site to reconfirm quantity and make before quoting the price bid. No objections or arguments will be entertained after tendering process is completed.

Signature of theTenderer
Name
Company's seal

Addl.ChiefEngineer
(Electrical)
AMC