

RAJKOT MUNICIPAL CORPORATION

Water Works Department

Technical Bid



2021-22

: Name of work :

Supply, Installation, Testing and Commissioning of MCC & APFC panel
With Buy Back Arrangement at Jubilee pumping station of RMC.

Milestone dates of e-Tendering are as under:

1.	Downloading of e-Tender documents	Dt.:03/09/2021 to Dt.:24/09/2021 up to 18:00 Hrs.
2.	Online submission of e-Tender	Dt.:24/09/2021 up to 18:00 Hrs.
3.	Physical submission of EMD, Tender fee and technical qualifications documents.	Dt.:27/09/2021 to Dt.:29/09/2021 up to 18:00 Hrs
4.	Opening of online tender (Technical bid)	Dt.:01/10/2021 at 12:00 Noon onwards
5.	Opening of Price Bid (if possible)	Dt.:05/10/2021 at 12:30 Hours onwards
6.	Tender Validity Period	180 Days

Add. City Engineer
Water Works Department
Dr. Ambedkar Bhavan
Rajkot Municipal Corporation
RAJKOT - 360 001

RAJKOT MUNICIPAL CORPORATION**Water Works****CONTENT**

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RAJKOT MUNICIPAL CORPORATION
Water Works, Central Zone

***e*-TENDER NOTICE**

The e-Tenders are invited with two bid system (Technical & Price bid) through e-Tendering by Add. City Engineer (Water Works), Room No. 6, Dr. Ambedakar Bhavan, Central Zone Office, Dhebarbhai Road, Rajkot Municipal Corporation, Rajkot-360001, from the reputed and having experience in **State Govt. / Central Govt. / Semi Govt / GWSSB** in appropriate class as a main contractor who have a following eligible criteria for following works.

Sr. No.	Name of Work	a) Estimated Cost b) EMD c) Tender Fee d) Time Limit for Completion of Work
1.	Supply, Installation, Testing and Commissioning of MCC & APFC panel With Buy Back Arrangement at Jubilee pumping station of RMC.	a) 29,21,800/- b) 87,700/- c) 1,875/- d) 90 days

Milestone dates of e-Tendering are as under:

1.	Downloading of e-Tender documents	Dt.:03/09/2021 to Dt.:24/09/2021 up to 18:00 Hrs.
2.	Online submission of e-Tender	Dt.:24/09/2021 up to 18:00 Hrs.
3.	Physical submission of EMD, Tender fee and technical qualifications documents.	Dt.:27/09/2021 to Dt.:29/09/2021 up to 18:00 Hrs
4.	Opening of online tender (Technical bid)	Dt.:01/10/2021 at 12:00 Noon onwards
5.	Opening of Price Bid (if possible)	Dt.:05/10/2021 at 12:30 Hours onwards
6.	Tender Validity Period	180 Days

- ❖ An Earnest Money Deposit of Rs.87,700/- and Tender fee of Rs. 1875/- (Non-refundable) in form of Demand Draft in favour of RAJKOT MUNICIPAL CORPORATION, Rajkot, of any **Nationalized or Schedule Bank (Except co-operative Bank) in India as per Bank list of Latest GR of Finance dept.** Payable at Rajkot shall accompany along with the qualification's documents on Dt.:27/09/2021 to Dt.:29/09/2021 during office hours at Deputy Executive Engineer (Elec.) Water works-Bhadar cell, Room No. 6, Dr. Ambedakar Bhavan, Central Zone Office, Dhebarbhai Road, Rajkot Municipal Corporation, Rajkot-360 001,
- ❖ Tender shall be submitted online through e-tendering up to 18.00 hours IST on or before Dt.:24/09/2021 and e-tendered Technical Bid will be opened on Date Dt.:01/10/2021 at 12:00 Hours IST onwards on web site <http://www.nprocure.com>

- ❖ All above criteria must be fulfilled by the Agency & its copy of supporting documents certified by himself must be submit with tech bid documents in physical, failing which bid evaluation committee evaluate the bid as per the documents submitted, Without necessary such documents, bid will be considered as non-responsive & treated as cancelled & price bid of such agency will not be opened. The Technical Bid should be downloaded on a white plain A4 size paper and it should be submitted with all technical details with quoted models and leaflet, duly filled and every page should be signed and sealed and should be submitted along with the qualification documents.
- ❖ If any queries send mail kpdeharia@rmc.gov.in before Dt.-09.09.2021.

❖ **Evaluation Criteria :-**

1. Annual turnover average of last seven years should not be less than 50% of tender amount.
 2. Amount of Bank Solvency Rs. 2 lakh. A letter from any nationalized or scheduled bank (As per GR).
 3. An experience as main contractor at least one work of similar nature costing not less than 60% of tender amount or two work of 50% of tender amount
(Similar nature work will be considered as SITC of in last seven years.)
 4. Experience certificate of competent authorities required to be submitted.
 5. **The agency should not be Black Listed / Terminated / Debarred or connected with firm Black listed in any States, CPWD / MES / Railways or any Govt. semi- Govt. Autonomous Body or Pvt. Body. Also no complaint is lodged against the Firm / Company for which agency will have to submit fresh Notarized Affidavit on stamp paper of Rs.300.**
 6. Agency should have min. working capital of 25% of tender amount.
 7. Agency must have registration class in E-1 category.
 8. Agency must be Electric contract license of current year.
 9. Agency must Submit GST No.
 10. Commissioner Sir's Circulars uploaded with Tender must be submitted in attested copy.
- ❖ Enhancement factor at 10% per year for last seven years will be applicable to arrive and finalize the magnitude of work done, average turnover in last seven years.
 - ❖ All required documents to be submitted in technical bid, for verification, should be duly certified by self. The experience of either government or semi govt. only be considered.
 - ❖ Joint Venture is not permitted for this tender.
 - ❖ Municipal Commissioner, Rajkot Municipal Corporation, Rajkot, reserves the right to accept or reject any or all tender(s) without assigning any reason thereof.

**Add. City Engineer
Water Works
Rajkot Municipal Corporation**

E.M.D SCHEDULE

Name of work:- Supply, Installation, Testing and Commissioning of MCC & APFC panel With Buy Back Arrangement at Jubilee pumping station of RMC.

Estimated Cost in Rs. :- Rs.29,21,800/-
Tender Fee :- Rs.1,875/- (Non-refundable)
Earnest Money Deposit :- Rs.87,700/-

- ❖ An Earnest Money Deposit of Rs.87,700/- and Tender fee of Rs.1,875/- (Non-refundable) in form of Demand Draft in favour of Municipal Commissioner, Rajkot Municipal Corporation, Rajkot of any Nationalized or Schedule Bank payable at Rajkot shall accompany along with the qualification's documents on Milestone date during office hours at Deputy Executive Engineer (Ele.) Water works-Bhadar cell Room No. 6, Second Floor, Dr. Ambedakar Bhavan , Central Zone Office, Dhebarbhai Road, Rajkot Municipal Corporation, Rajkot-360001,

:: DETAILS TO BE FILLED BY TENDERER ::

Name of e-Tenderer : _____

Address of e-Tenderer : _____

Nature of Business : _____

:: DETAILS OF E.M.D. ::

Name of Bank & Branch : _____

D.D. No. & Date : _____

Amount in Rupees : _____

Signature & Seal of Contractor

TENDER DECLARATION FORM

To,
The Add. City Engineer,
Water Works Branch,
Rajkot Municipal Corporation,
Rajkot.

Name of work: Supply, Installation, Testing and Commissioning of MCC & APFC panel With Buy Back Arrangement at Jubilee pumping station of RMC.

Dear Sir,

I/We the undersigned have carefully gone through and clearly understood the Tender documents comprising Notice Inviting Tender, Articles of Agreement, Definition of Terms, Instructions to Tenderer, Conditions of Contract, Special Conditions of Contract, Appendixes, Specifications, Schedule of Quantities and Drawings furnished by RAJKOT MUNICIPAL CORPORATION, RAJKOT. I/We have satisfied myself / ourselves as to the location of site, the existing condition of structure and examined drawings.

I/We do hereby offer to execute and complete the whole of the work within the time specified all in accordance with the specifications, designs, drawings and instructions in writing referred to in the said documents and with such materials as are provided for at the respective rates which I/We have quoted in the Schedule of Quantities, or at such other rates as may be fixed under the provisions of these conditions, including supplying and testing etc.

In the event of this tender being accepted, I/We agree to enter into an agreement as and when required and execute the contract, according to your Form of Agreement or in default where of I/We bind myself / ourselves to forfeit the Earnest Money Deposit.

I/We understand that if I/We fail enter in agreement within ten days from the date of receipt of Letter of Acceptance, you will forfeit the Earnest Money paid by me/us and take necessary action as deemed fit.

I/We have enclosed a Draft as an "Earnest Money Deposit" for the sum of **Rs.87,700/-** the full value of which is to the absolutely forfeited to the Employer should I/We fail to commence the works specified. Otherwise the said sum shall be retained, by the Employer, as on account of such Security Deposit as provided for in the aforesaid documents.

I/We agree not to employ sub-contractors other than those that may be approved in accordance with conditions in the aforesaid documents.

I/We understand that you are not bound to accept the lowest of any tender, which you may receive.

I/We understand that all the pages of the Tender documents are to be signed by me / us.

I/We shall refer all disputes arising out of or relating to the agreement to the arbitration in accordance with conditions of contract.

I/We agree to pay the Income Tax, GST (Central and State), etc., and other taxes prevailing from time to time on such items the same are liable and the rates quoted by me/us are inclusive of the same.

Date:.....

Yours faithfully,

Stamp & Signature of the Contractor.

Address : _____

_____.

RAJKOT MUNICIPAL CORPORATION
Water Works Branch

:: Tender Bond Letter ::

I/ We _____ undersigned and sealed, (address of tenderer)

To,
The Commissioner,
Rajkot Municipal Corporation,
Rajkot.

Name of Work : Supply, Installation, Testing and Commissioning of MCC & APFC panel
 With Buy Back Arrangement at Jubilee pumping station of RMC.

Dear Sirs,

I / We hereby offer to supply the items listed in tender schedule.

Our quotations are shown in price schedule. We will supply the designated items and complete the contract work at the firm price quoted in full compliance with all terms condition mentioned in the tender documents.

Very Truly Yours,

Stamp & Signature of the Contractor.

Date:

Place:

INFORMATION TO THE TENDERER

1	Tender validity period	180 days (One Hundred eighty Days)
2	Amount of tender security bond (Earnest Money)	Rs. 87,700/- (Rupees Eighty seven Thousand seven Hundred only) with insufficient earnest money will not be opened
3	Minimum amount of security deposit cum Performance security.	5% of awarded price or Estimate as per current RMC Norms in form of either FDR or Bank Guarantee of any nationalized or Schedule Bank (As per GR) which are located in Rajkot City for a period of 27 months.
4	Time of completion	90 Days from the date of issue of confirm work order from Rajkot Municipal Corporation
5	Period of Liability for defect	24 (Twenty Four) months after completion of the SITC work.
6	Compensation for delay	0.1% percent of the contract price per day subject to a maximum up to 10 % of the contract price or as decided by the Municipal Commissioner.
7	Guarantee	The agency should be submitted full guarantee letter for a period of 24 months for this work.
8	R e m a r k s	The Commissioner of Rajkot Municipal Corporation, Rajkot, reserves the right to reject any or all tenders without assigning any reasons thereof.

A.A.E
Water Works
Rajkot Municipal Corporation

Dy. Executive Engineer
Water Works
Rajkot Municipal Corporation

Add. City Engineer
Water Works
Rajkot Municipal Corporation

CHECK LIST

1. Technical bid of Tender to be submitted along with the Qualifications documents which are certified by self with separate demand draft of EMD & Tender Fees with stipulated time limit.

2. Tenderers to note last date and time of online submission of price bid. The prices shall have to be quoted online whereas the draft of tender fee as well as bid security and other technical documents are to be submitted in hard copy within the stipulated date & time . The documents to be submitted either by Speed Post or Registered Post at address- **Deputy Executive Engineer (Ele.) Water works-Bhadar cell Room No. 6, Second Floor, Dr. Ambedkar Bhavan, Central Zone Office, Dhebarbhai Road, Rajkot Municipal Corporation, Rajkot-360001,**
3. The cover of the technical bid documents shall be duly sealed and is to be duly super scribed the name of work and opening date.
4. Tender security Bond for earnest money deposit shall be submitted as per specified in tender document (Earnest Money Deposit).
5. Variations to specifications, if any, make the tender liable to be rejected.
6. The technical bid of tender shall be filled completely in every respect and signed in ink and sealed every page of technical bid of tender.
7. Information regarding capability etc., (General Performance Data) shall have to be submitted.
8. Qualification documents should be filled properly as per Evaluation Criteria and it's mandatory.
9. **Prices to be quoted Online only on percentage basis.**
10. Technical data sheet should be filled properly & submitted.

INSTRUCTIONS

TO

TENDERER

INSTRUCTIONS TO TENDERER

IT-01 GENERAL:

The contract documents may be secured in accordance with the Notice Inviting Tender for the work called. The work shall include supply of materials / equipments and labour work necessary for SITC and dismantling of Penal & Cable associated.

IT-02 INVITATION TO TENDER:

The Rajkot Municipal Corporation hereinafter referred so as the Corporation will receive tenders for the work of as per the specifications and schedule of prices in the tender document. The tenders shall be opened in the office of the Add. City engineer in the presence of tenderers or their representatives who are present. The Corporation reserves the right to reject the lowest or any other or all tenders or part of it which in the opinion of the Corporation does not appear to be in its best interest, and the tenderer shall have no cause of action or claim against the Corporation or its officers, employees, successors or assignees for rejection of his tender.

IT-03 LANGUAGE OF TENDER:

Tenders shall be submitted in English and all information in the tender shall also be in English.

IT-04 QUALIFICATIONS OF TENDERERS:

1. Annual turnover average of last seven years should not be less than 50% of tender amount.
 2. Amount of Bank Solvency Rs. 2 lakh. A letter from any nationalized or scheduled bank (As per GR).
 3. An experience as main contractor at least one work of similar nature costing not less than 60% of tender amount or two work of 50% of tender amount
(Similar nature work will be considered as SITC of in last seven years.)
 4. Experience certificate of competent authorities required to be submitted.
 5. **The agency should not be Black Listed / Terminated / Debarred or connected with firm Black listed in any States, CPWD / MES / Railways or any Govt. semi- Govt. Autonomous Body or Pvt. Body. Also no complaint is lodged against the Firm / Company for which agency will have to submit fresh Notarized Affidavit on stamp paper of Rs.300.**
 6. Agency should have min. working capital of 25% of tender amount.
 7. Agency must have registration class in E-1 category.
 8. Agency must be Electric contract license of current year.
 11. Agency must Submit GST No.
 12. Commissioner Sir's Circulars uploaded with Tender must be submitted in attested copy.
- ❖ Enhancement factor at 10% per year for last seven years will be applicable to arrive and finalize the magnitude of work done, average turnover in last seven years.
 - ❖ All required documents to be submitted in technical bid, for verification, should be duly certified by self. The experience of either government or semi govt. only be considered.

- ❖ Joint Venture is not permitted for this tender.
- ❖ Municipal Commissioner, Rajkot Municipal Corporation, Rajkot, reserves the right to accept or reject any or all tender(s) without assigning any reason thereof.

IT-05 TENDER DOCUMENTS:

Tenderers to note last date and time of online submission of price bid. The prices shall have to be quoted online whereas the draft of tender fee as well as bid security and other technical documents are to be submitted in hard copy within the stipulated date & time . The documents to be submitted either by Speed Post or Registered Post at address mentioned in check list in the document.

IT-06 EXAMINATION BY TENDERERS:

- A. At his own expense and prior to submitting his tender, each tenderer shall (a) examine the Contract Documents, (b) visit the site and determine local conditions which may affect the work including the prevailing wages and other pertinent cost factors, (c) familiarize himself with all central, state and local laws, ordinance, rules, regulations and codes affecting the material supply including the cost of permits and licenses required for the work and (d) correlate his observations, investigations, and determinations with the requirements of the Tender Documents.
- B. The tender quantity is approximate and may increase. Any increase in quantity will not entitle tenderer to claim any extra over the quoted price.
- C. Tender documents be completed legible in ink, checked in a responsible manner, signed, stamped and returned together with the tender security Bond & Tender declaration form by the stipulated date, which shall form the Tender.

The tenderer is required to complete:

The form of tender, including the Appendices thereto Tender Security Bond and the Tender summary duly signed and stamped.

All the pages in which entries are required to be made by the tenderer are contained in the tender documents and the tenderer shall not take out or add to or amend the text of any of the documents except in so far as may be necessary to comply with any addenda issued pursuant to thereof.

IT-07 EARNEST MONEY DEPOSIT:

- A. Each tender must be accompanied by a receipt of deposit as tender guarantee in the form of Earnest Money of **Rs.87,700/-** in the form of crossed Demand Draft of any any nationalized or Schedule Bank except co-operative banks acceptable to owner drawn in favor of the **Rajkot Municipal Corporation**, payable at Rajkot. The tender Bond shall be valid for a period of not less than 180 days from the date the tenders are opened and shall comply with the requirements for Bond as stipulated in the General Conditions of Contract. The tender guarantee Bond will be held by the owner as a guarantee that the

tenderer, if awarded the contract, will enter into the contract agreement in good faith and furnish the required bonds. Any tender not accompanied by a tender guarantee in the form of Earnest Money Deposit by Bank Draft for the sum stipulated in the tender document will be summarily rejected.

- B. The Earnest Money Deposit will be refunded to the All the tendered after award of the work.
- C. The Earnest Money Deposit (Tender Guarantee) will be forfeited in the event, the successful tendered fails to accept the contract and fails to submit the "Performance Guarantee Bonds" to the Owner as stipulated in this tender documents within Ten (10) days after receipt of Notice of award of contract.
- D. The Earnest Money Deposit of the successful tenderer shall be returned after the performance guarantee bond, as required, is furnished by the contractor.
- E. No interest shall be paid by the owner on any tender guarantee.

IT-08 PREPARATION OF TENDER DOCUMENTS:

Tenderers are required to note the following while preparing the tender documents:

- A. Tender shall be submitted online in English. All appendixes and statements shall be properly filled in. Numbers shall be stated both in words and in figures where so indicated, and the signature of all persons signing shall be in longhand.
- B. Percentage, prices, wordings and notations must be properly uploaded. All entries or prices and arithmetic shall be checked before submission of the Tenders. **If there is discrepancy between the rates quoted in figures and in words, the rates expressed in words shall be considered as binding.**
- C. Hard copies of technical bid shall be accompanied by the prescribed tender security bond and other required documents and drawings. All witnesses and sureties shall be persons of status and probity and their full names, occupations and addresses shall be stated below their signature.
- D. Variation to the contract documents requested by the tenderer may be affixed and duly signed and stamped. Such variations may be approved or refused by the Commissioner only without assigning any reasons.
- E. Submission of tenders shall be online and will comply with the Notice Inviting Tenders as to place, date and time. Tenders and tender security shall be enclosed with the original copy of tender documents and shall be put in a sealed envelope.

IT-13 WITHDRAWAL OF TENDERS:

If during the tender validity period, the Tenderer withdraws his tender, the tender security (Earnest Money) shall be forfeited.

IT-17 TAX AND DUTIES ON MATERIALS:

All charge on account of GST and other duties etc., on materials obtained for the works from any source shall be borne by the contractors. No (P) or 'C' or 'D' form shall be supplied.

IT-19 **TIME REQUIRED FOR COMPLETION:**

The completion period mentioned in this schedule is to be reckoned from the date of from work order to proceed. Total completion period is 90 **Days** from the date of issue of from work order to proceed and contractor should adhere to this completion time.

IT-20 **POLICY FOR TENDER UNDER CONSIDERATION:**

Tender shall be termed under consideration from the opening of the tender until such time any official announcement or award is made.

While tenders are under consideration, tenderers and their representative or other interested parties are advised to refrain from contacting by any means any Corporation's personnel or representatives on matters related to the tenders under study. The Corporation representatives if necessary will obtain clarification on tenders by requesting such information from any or all the tenderers, either in writing or through personal contact, as may be necessary. The tenderer will not be permitted to change the substance of his tender after tenders have been opened. This includes any post tender price revision. Non-compliance with his provision shall make the tender liable for rejection.

IT-21 **PRICES AND PAYMENTS:**

The tenderer must understand clearly that the prices quoted are for the total works or the part of the total works quoted for an include all costs due to materials labour, equipments, supervision, other services, royalties, taxes, etc., and to include all extra to cover the cost. No claim for additional payment beyond the prices quoted will be entertained and the tenderer will not be entitled subsequently to make any claim on any ground.

IT-22 **PAYMENT TERMS:**

The terms of payment are defined as below. The Corporation shall not under any circumstances relax these terms of payment and will not consider any alternative payment terms. Tenderers should therefore in their own interest note this provision to avoid rejection of their tenders.

Schedule of Payment:

60%	-	On supply of equipment
30%	-	After completion and testing of work
<u>10%</u>	-	After 15 Days successful trial
100%	-	Total

IT-23 **AWARD:**

Award of the contract or the rejection or tenders will be made during the tender validity period stated in the Notice Inviting Tenders.

- A. After all contract contingencies are satisfied and the Notice of Award is issued, the successful Tenderer shall execute the Contract Agreement within the time stated in the Notice Inviting Tenders and shall furnish the Bond as required herein. The contract Agreement shall be executed in form stipulated by the Owner.
- B. If the Tenderer receiving the Notice of Award fails or refuses to execute the Contract Agreement within the stated time limit or fails or refuses to furnish the Bond as required herein, the owner may cancel his award and declare the tender security forfeited and will take action as deemed fit.
- C. A Corporation, Partnership firm or other consortium acting as the Tenderer and receiving the award shall furnish evidence of its existence and evidence that the officer signing the contract agreement and Bonds for the Corporation, Partnership firm or other consortium acting as the Tenderer is duly authorized to do so.

IT-24 SIGNING OF CONTRACT:

The successful tenderer shall be required to execute the contract agreement within 10 days of receipt of intimation to execute the contract, failing which the R.M.C. will be entitled to take necessary action as per prevailing norms & forfeit the Earnest Money Deposit.

IT-25 DISQUALIFICATIONS:

- A. Tender shall be disqualified and will not be taken for consideration if -**
 - a. Price Bid submitted in physical form will be liable to rejected.
 - b. The Earnest Money Deposit and tender fee is not deposited in full and in the manner as specified.
 - c. The tender documents are not signed by an authorized person.
 - d. The general performance data for qualification is not submitted fully.
 - e. Tenderer does not agree to payment terms defined as specified in tender document.
 - f. The conditional tender will liable to be rejected.

IT-26 PERFORMANCE GUARANTEE (SECURITY DEPOSIT):

As a contract security the tenderer to whom the award is made shall furnish a performance guarantee (Security Deposit) for the amount of 5% of the contract price or Estimate to guarantee the faithful performance, completion and maintenance of the works of the contract in accordance with all conditions and terms specified herein and to the satisfaction of the Engineer-in-charge and ensuring the discharge of all obligations arising from the execution of contract in one of the forms mentioned below:

- a. By FDR of any Nationalized or Scheduled Bank in favour of RAJKOT MUNICIPAL CORPORATION.
- or
- b. A Bank Guarantee of any Nationalized or Scheduled Bank other than Bank or Government securities duly endorsed in favour of the "Rajkot Municipal Corporation".

On due performance and completion of the contract in all respects, **THE PERFORMANCE GUARANTEE WILL BE RETURNED TO THE CONTRACTOR WITHOUT ANY INTEREST AFTER THE DEFECT LIABILITY PERIOD IS OVER. (27 months)**

IT-27 STAMP DUTY:

The successful tenderer shall have to enter into an **agreement on a non-judicial stamp paper as per Prevailing norms of the government** as per the form of agreement approved by the Corporation. And enter into an agreement on stamp paper of appropriate value as per Government norms in favor of Rajkot Municipal Corporation in prescribed format of Rajkot Municipal Corporation.

IT-28 BRAND NAMES:

All the materials must be used as per vendor list & Technical specifications of Tender.

IT-29 NON-TRANSFERABLE:

Tender documents are not transferable.

IT-30 COST OF TENDERING:

The owner will not defray expense incurred by tenderers in tendering.

IT-32 CHANGE IN QUANTITY:

The Corporation reserves the right to waive any information in any tender and to reject one or all tenders without assigning any reasons for such rejection and also to vary the quantities of items or groups as specified in the schedule of prices as may be necessary.

IT-33 NEW EQUIPMENT AND MATERIAL:

All materials, equipment and spare parts thereof shall be new, unused and original. The rebuilt or overhauled equipment / materials will not be allowed to be used on works.

IT-34 Municipal Commissioner, Rajkot Municipal Corporation, Rajkot, reserves the right to accept or reject any or all tender(s) without assigning any reason thereof.

IT-35 **No mobilization advance will be given.**

IT-36 The scope of work is clearly mentioned in the tender documents. The contractor shall have to carry out the work in accordance with the details specifications. No condition will be accepted. **The conditional tender will liable to be rejected.**

A.A.E
Water Works
Rajkot Municipal Corporation

Dy. Executive Engineer
Water Works
Rajkot Municipal Corporation

Add. City Engineer
Water Works
Rajkot Municipal Corporation

GENERAL CONDITIONS

FOR

CONTRACT

GC-01 DEFINITIONS AND INTERPRETATIONS:

- 1.0 In the contract (as hereinafter defined) the following words and expressions shall, unless repugnant to the subject or context thereof, have the following means assigned to them.
- 1.1 The "Owner / Corporation" shall mean Rajkot Municipal Corporation and shall include its Municipal Commissioner or other Officers authorized by the Corporation and also include owner's successors and assignees.
- 1.2 The "Contractor" shall mean the person or the persons, firm or Company whose tender has been accepted by the Owner and includes the Contractors legal representative, his successors and permitted assigned.
- 1.3 The "Engineer-In-Charge" shall mean the person designated as such by the owner from time to time and shall include those who are expressly authorized by the Corporation to act for and on its behalf for all functions pertaining to the operation of this contract.
- 1.4 Engineer-In-Charge's Representative shall mean any resident Engineer or Assistant to the Engineer-In-Charge appointed from time to time by the owner to perform duties set forth in the Tender Document whose authority shall be notified in writing to the Contractor by the Engineer-In-Charge.
- 1.5 "Tender" – the offer or proposal of the Tenderer submitted in the prescribed form setting for the prices for the work to be performed, and the details thereof.
- 1.6 "Contract Price" shall mean total money payable to the Contractor under the contract.
- 1.7 "Addenda" shall mean the written or graphic notices issued prior to submission of tender which modify or interpret the contract documents.
- 1.8 "Contract Time" – the time specified for the completion of work.
- 1.9 "Contract" shall mean agreement between the parties for the execution of works including therein all contract documents.
- 1.10 "Contract Document" shall mean collectively the tender documents, designs, drawings, specifications, agreed variations, if any and such other documents constituting the tender and acceptance thereof.
- 1.11 "The Sub-Contractor" shall mean any person, firm or company (other than the Contractor) to whom any part of the work has been entrusted by the Contractor with the written consent of the Engineer-In-Charge and the legal representative successors and permitted assignee of such person, firm or company.
- 1.12 The "Specifications" shall mean all directions, the various Technical Specifications, provisions and requirements attached to the contract which pertains to the method and manner of performing the work, to the quantities and qualities of the work and the materials to be furnished under the contract for the work and any order(s) or instruction(s) there under.

It shall also mean the latest Indian Standard Institute Specification relative to the particular work or part thereof, so far as they are not contrary to the Tender specifications and in absence of any other Country applied in Indian as a matter of standard engineering practice and approved in writing by the Engineer-In-Charge with or without modification.

- 1.13 The "Drawings" shall include maps, plans, tracings, or prints thereof with any modification approved in writing by the Engineer-In-Charge and as such other drawings as may, from time to time, be furnished or approved in writing by the Engineer-In-Charge in connection with the work.
- 1.14 The "Work" shall mean the works to be executed in accordance with the contract or the part thereof as the case may be and shall include extra, additional, altered or substituted works as required for the purpose of the contract. It shall mean the totality of the work by expression or implication envisaged in the contract and shall include all materials, equipment and labour required for or relative or incidental to or in connection with the commencement, performance and completion of any work and / or incorporation in the work.
- 1.15 The "Permanent Work" shall mean works which will be incorporated in and form part of the work to be handed over to the owner by the Contractor on completion of the contract.
- 1.16 The "Temporary Work" shall mean all temporary works of every kind required in or about the execution, completion and maintenance of the work.
- 1.17 "Site" shall mean the land and other places, on, under, in or through which the permanent works are to be carried out and any other lands or places provided by the Corporation for the purpose of the contract together with any other places designated in the contract as forming part of the site.
- 1.18 The "Construction Equipment" shall mean all appliances / equipment of whatever nature required in or for execution, completion or maintenance of works or temporary works (as herein before defined) but does not include materials or other things intended to form or forming part of the permanent work.
- 1.19 "Notice in writing or written Notice" shall mean a notice written, typed or in printed form delivered personally or sent by Registered Post to the last known private or business address or Registered Office of the Contractor and shall be deemed to have been received in the ordinary course of post it would have been delivered.
- 1.20 The "Alteration / variation order" shall mean an order given in writing by the Engineer-In-Charge to effect additions or deletions from or alterations in the work.
- 1.21 "Final Test Certificate" shall mean the final test certificate issued by the owner within the provisions of the contract.
- 1.22 The "Completion Certificate" shall mean the certificate to be issued by the Engineer-In-Charge when the work has been completed and tested to his satisfaction.

- 1.23 The "Final Certificate" shall mean the final certificate issued by the Engineer-In-Charge after the period of defects liability is over and the work is finally accepted by the owner.
- 1.24 "Defects Liability Period" shall mean the specified period between the issue of Completion Certificate and the issue of final certificate during which the Contractor is responsible for rectifying all defects that may appear in the works.
- 1.25 "Approved" shall mean approved in writing including subsequent confirmation in writing of previous verbal approval and "Approval" means approved in writing including as aforesaid.
- 1.26 "Letter of Acceptance" shall mean an intimation by a letter to tenderer that his tender has been accepted in accordance with the provisions contained therein.
- 1.27 "Order" and "Instructions" shall respectively mean any written order or instruction given by the Engineer-In-Charge within the scope of his powers in terms of the contract.
- 1.28 "Running Account Bill" shall mean a bill for the payment of "On Account" money to the Contractor during the progress of work on the basis of work done and the supply of non-perishable materials to be incorporated in the work. (as per IT 22 schedule of payment)
- 1.29 "Security Deposit" shall mean the deposit to be held by the owner as security for the due performance of the contractual obligations.
- 1.30 The "Appointing Authority" for the purpose of Arbitration shall be the Municipal Commissioner, Rajkot Municipal Corporation.

GC-02 LOCATION OF SITE AND ACCESSIBILITY:

The site of Tendered work is in city at Jubilee Pumping Station. The intending tenderers should inspect the site and make himself familiar with site conditions and available communication facilities. Non-availability of access roads shall in no case be the cause to condone delay in the execution of the work and no claim or extra compensation will be paid.

GC-03 SCOPE OF WORK:

The scope of work includes Supply, Installation, Commissioning & Testing of MCC & APFC Panel. For this the Agency has to design the MCC & APFC Panel with BOQ and approval of all Drawings will be done by Rajkot Municipal Corporation. The Transportation & packing of new Panel from Manufacture site to the Pumping station with required loading & unloading, Inspection (Storage) will be the responsibility of the Agency. Dismantling of Existing working APFC & MCC Panel with dismantling of all control & power cables. SITC of new panel and all power & control cable connections. This work will be carried out only during shut down. For that necessary approval will be given by RMC Competent Authority. Loading & Unloading of Old panel mentioned in Tender will be in the scope of Agency. Testing of successfully installed panel will be carried out at full load for 2 Hrs continuously at Site.

GC-04 RULING LANGUAGE:

The language according to which the contract shall be construed and interpreted shall be English. All entries in the contract document and all correspondence between the contractor and the Corporation or the Engineer-In-Charge shall be in English / Gujarati. All dimensions for the materials shall be given in metric units only.

GC-05 INTERPRETATION OF CONTRACT DOCUMENT :

1. The provision of the General Conditions of Contract and Special Conditions of Contract shall prevail over those of any other documents of the contract unless specifically provided otherwise, should have there be any discrepancy, inconsistency, error or omission in the several documents forming the contract, the matter may be referred to the Engineer-In-Charge for his instructions and decision. The Engineer-In-Charge's decision in such case shall be final and binding to the Contractor.
2. Works shown upon the drawings but not described in the specifications or described in the specifications without showing on the drawings shall be taken as described in the specifications and shown on the drawings.
3. The headings and the marginal notes to the clause of these General Conditions of Contract or to the specifications or to any other part of tender documents are solely for the purpose of giving a concise indication and not a summary of contents thereof. They shall never be deemed to be part thereof or be used in the interpretation or construction of the contract.
4. Unless otherwise states specifically, in this contract documents the singular shall include the plural and vice-versa wherever the context so requires. Works imparting persons shall include relevant Corporations / Body of individual / firm of partnership.
5. Notwithstanding the sub-division of the documents into separate section and volumes every part of each shall be supplementary to and complementary of every other part and shall be read with and into the context so far as it may be practicable to do so.
6. Where any portion of the General Conditions of Contract is repugnant to or at variance with any provisions of the Special Conditions of Contract, then, unless a different intention appears, the provisions of the special conditions of contract shall be deemed to over ride the provisions of General Conditions of Contract to the extent of each repugnancy of variance.
7. The materials, design, and workmanship shall satisfy the relevant ISS, and codes referred to. If additional requirements are shown in the specifications, the same shall be satisfied over and above ISS and other codes.
8. If the specifications mention that the Contractor shall perform certain work or provide certain facilities, it shall mean that the Contractor shall do so at his own cost.

GC-06 ERRORS IN SUBMISSIONS:

The Contractor shall be responsible for any errors or omissions in the particulars supplied by him, whether such particulars have been approved by the Engineer-In-Charge or not.

2. If the Contractor, sub-contractor or their employees shall break, deface or destroy any property belonging to the owner or other agency during the execution of the contract, the same shall be made good by the contractor at his own expense and in default thereof, the Engineer-In-Charge may cause the same to be made good by other agencies and recover expense from the Contractor (for which the certificate of the Engineer-In-Charge shall be final). These expenses can be recovered from the security deposit if recovery from other sources is not possible. The amount as reduced in security deposit will be made good by deduction from the next RA Bill of the Contractor.

GC-07 INSPECTION OF WORK:

The Engineer-In-Charge shall have full power and authority to inspect the work at any time wherever in progress either on the site or at the Contractor's or any other manufacturer's workshop or factories wherever situated and the Contractor shall afford to Engineer-In-Charge every facility and assistance to carry out such inspection, Contractor or his authorized representative shall, at all time during the usual working hours and all times when so notified, remain present to receive orders and instructions.

GC-08 POWER OF ENGINEER-IN-CHARGE TO GIVE FURTHER INSTRUCTIONS:

The Engineer-In-Charge shall have the power and authority from time to time and at all times to give further instructions and directions as may appear to him necessary or proper for the guidance of the Contractor and the works and efficient execution of the works according to the terms of the specifications, and the Contractor shall receive, execute, obey and be bound by the same, according to the true intent and meaning thereof, as fully and effectively as though the same had accompanied or had been mentioned or referred to in the specifications. No work which radically changes the original nature of the contract shall be ordered by the Engineer-In-Charge and in the event of any deviation being ordered, which in the opinion of the Contractor changes the original nature of the contract, he shall nevertheless carry it out and any disagreement as to the nature of the work and the rate to be paid to thereof shall be resolved.

The time of completion of works shall, in the event of any deviations being ordered resulting in additional cost or reduction in cost over the contract sum, be extended or reduced reasonably by the Engineer-In-Charge. The Engineer-In-Charge's decision in the case shall be final and binding.

GC-09 PROGRAMME:

The time allowed for execution of works shall be the essence of the contract. The contract period shall commence from the date of notice of intimation to proceed. The tenderer at the time of submitting his tender shall indicate in the construction schedule his programme of execution of work commencement with the total time specified. The Contractor shall

provide the Engineer-In-Charge a detailed programme of time schedule for execution of the works in accordance with the specifications and the completion date. The entire programme to be finalized by the Contractor, has to conform to the execution period mentioned along with the Bill of Quantities in the tender documents. The Engineer-In-Charge upon scrutiny of such submitted programme by Contractor, shall examine suitability of it to the requirement of contract and suggest modifications, if found necessary.

GC-10 SUB-LETTING OF WORK :

No part of the contract nor any share of interest thereon shall in any manner or degree be transferred, assigned or sublet by the Contractor directly or indirectly to any person, firm or Corporation whatsoever except as provided for in the succeeding sub-clause, without the consent in writing of the owner.

GC-11 SUB-CONTRACTS FOR TEMPORARY WORKS ETC. :

The owner may give written consent to sub-contractors for execution of any part of the works at the site, being entered upon the contractor provided each individual contract is submitted to the Engineer-In-Charge before being entered into and is approved by him. List of sub-contractors to be supplied.

Notwithstanding any subletting with such approval as aforesaid and notwithstanding the Engineer-In-Charge shall have received of any sub-contractors, the Contractor shall be and shall remain solely responsible for the quality and proper and expeditious execution of the works and the performance of all the conditions of contract in all respects as if such subletting or subcontracting had not taken place and as if such works had been done directly by the Contractor.

GC-12 EXTENSION OF TIME :

Time shall be considered as the essence of the contract. If, however, the failure of the Contractor to complete the work as per the stipulated dates referred to above arises from delays on the part of Corporation in supplying the materials or equipment, it has undertaken to supply under the contract or from delays on the quantity of work to be done under the contract, or force majeure an appropriate extension of time will be given by the Corporation. The Contractor shall request for such extension within one month of the cause of such delay and in any case before expiry of the contract period.

GC-13 LIQUIDATED DAMAGES :

If the Contractor fails to complete the work or designated part thereof within the stipulated completion date for the work or for the part, he shall pay liquidated damages at **0.1 percent** of contract value **per day** of delay subject to maximum of 10% of the contract value or as decided by Municipal Commissioner.

GC-14 FORFEITURE OF SECURITY DEPOSIT:

Whenever any claim against the Contractor for the payment of a sum of money out of or under the contract arises, the Corporation shall be entitled to recover such sum by appropriating in part or whole, the security deposit of the Contractor. In case the security deposit is insufficient, the balance recoverable shall be deducted from any sum then due or which at any time thereafter may become due to the Contractor. The Contractor shall pay to the owner on demand any balance remaining due.

GC-15 IN THE EVENT OF DEATH OF THE CONTRACTOR :

Without prejudice to any of the rights or remedies under the contract, if the Contractor dies, the owner shall have the option of terminating the contract without compensation to the Contractor.

GC-16 MEMBERS OF THE OWNER NOT INDIVIDUALLY LIABLE :

No official or employee of the owner shall in any way be personally bound or liable for the acts or obligation of the owner under the contract, or answerable for any default or omission in the observance or performance of any acts, matters or things, which are herein, contained.

GC-17 OWNER NOT BOUND BY PERSONAL REPRESENTATIONS :

The Contractor shall not be entitled to any increase on the schedule of rates or any other rights or claims whatsoever by reason of representation, promise or guarantees given or alleged to have been given to him by any person.

GC-18 TERMINATION OF SUB-CONTRACT BY OWNER :

If any sub-contractor engaged upon the works at the site execute any work which in the opinion of Engineer-In-Charge is not accordance with the contract documents, the owner may by written notice to the Contractor request him to terminate such sub-contract and the Contractor upon the receipt of such notice shall terminate such sub-contracts and the latter shall forthwith leave the works, failing which, the owner shall have the right to remove such sub-contractors from the site.

No action taken by the owner under the above clause shall relieve the Contractor of his liabilities under the contract or give rise to any right to compensation, extension of time or otherwise.

GC-19 POWER OF ENTRY :

If the Contractor shall not commence the work in the manner previously described in the contract documents or if he shall at any time, in the opinion of Engineer-In-Charge –

- i) Fail to carry out works in conformity with the contract documents, or
- ii) Fail to carry out the works in accordance with the time schedule, or

- iii) Substantially suspend work or the works for a period of seven days without authority from Engineer-In-Charge, or
- iv) Fail to carry out and execute the work to the satisfaction of the Engineer-In-Charge, or
- v) Fail to supply sufficient or suitable construction plant, temporary works, labour, materials or things, or
- vi) Commit breach of any other provisions of the contract on his part to be performed or observed or persists in any of the above mentioned breaches of the contract for seven days after notice in writing shall have been given to the Contractor by the Engineer-In-Charge requiring such breach to be remedied, or
- vii) Abandon the work, or
- viii) During the continuance of the contract becomes bankrupt, make any arrangement or compromise with his creditors, or permit any execution to be levied or go into liquidation whether compulsory or voluntary not being merely a voluntary liquidation for the purpose of amalgamation or reconstruction then in any such case.

The owner shall have the power to enter upon the works and take possession thereof and of the materials, temporary works, constructional plant and stores therein and to revoke the Contractor's license to use the same and to complete the works by his agents, other Contractor or workmen, to relate the same upon any terms to such other person firm or Corporation as the owner in his absolute discretion may think proper to employ, and for the purpose aforesaid to use or authorize the use of any materials, temporary works, constructional plant, and stores as aforesaid with making payments or allowance to the Contractor for the said materials other than such as may be certified in writing by the Engineer-In-Charge to be reasonable and without making any payment or allowance to the Contractor for the use of said temporary works, constructional plant and stock or being liable for loss or damage thereto. If the owner shall be reason of his taking possession of the works or of the work being got completed by other Contractor incurred excess expenditure be deducted from any money which may be due for the work done by the Contractor under the contract and not paid for. Any deficiency shall forthwith be made good and paid to the owner by the Contractor and the owner shall have power to sell in such manner and for such price as he may think fit all or any of the constructional plant, materials etc., consist constructed by or belonging to and to recoup and retain the said deficiency or any part thereof out of the proceeds of the sale.

GC-20 OTHER AGENCIES AT SITE:

The Contractor shall have to execute the work in such place and condition where other agencies will also be engaged for other works, such as site grading, filling and leveling, electrical and mechanical engineering works etc. No claim shall be entertained for works being executed in the above circumstances.

GC-21 NOTICES:

Any notice under this contract may be served on the Contractor or his duly authorized representative at the job site or may be served by Registered Post direct to the official address of the Contractor. Proof of issue of any such notice could be conclusive of the Contractor having been duly informed of all contents therein.

GC-22 RIGHTS OF VARIOUS INTERESTS :

The owner reserves the right to distribute the work between more than one Contractor. Contractor shall co-operate and afford reasonable opportunity to other Contractor s for access to the works, for the carriage and storage of materials and execution of their works. Whenever the work being done by department of the owner or by other Contractor employed by the owner is contingent upon work covered by this contract, the respective rights of the various interests shall be determined by the Engineer-In-Charge to secure the completion of various portions of the work in general harmony.

GC-23 PRICE ADJUSTMENTS :

No adjustment in price shall be allowed and no price escalation will be allowed.

GC-24 PAYMENTS DUE FROM THE CONTRACTOR :

All costs, damages or expenses, for which under the contract, Contractor is liable to the Corporation, may be deducted by the Corporation from any money due or becoming due to the Contractor under the contract or from any other contract with the Corporation or may be recovered by action at law or otherwise from the Contractor.

GC-25 BREACH OF CONTRACT BY CONTRACTOR :

If the Contractor fails to perform the work under the contract with due diligence or shall refuse or neglect to comply with instructions given to him in writing by the Engineer-In-Charge in accordance with the contract, or shall contravene the provisions of the contract, the Corporation may give notice in writing to the Contractor to make good such failure, neglect, or contravention. Should the Contractor fail to comply with such written notice within stipulated days of receipt, it shall be lawful for the Corporation, without prejudice to any other rights the Corporation may have under the contract, to terminate the contract for all or part of the works, and make any other arrangements it shall deem necessary to complete the work outstanding under the contract at the time of termination. In this event, the performance Bond shall immediately become due and payable to the Corporation. The value of the work done on the date of termination and not paid for shall be kept as deposit for adjustment of excess expenditure incurred in getting the remaining work completed and the Corporation shall have free use of any works which the Contractor may have at the site at the time of termination of the contract.

GC-26 LAWS GOVERNING THE CONTRACT :

This contract shall be construed according to and subject to the laws of India and the State of Gujarat and under the jurisdiction of the Courts of Gujarat at Rajkot.

GC-27 OVER PAYMENT AND UNDER PAYMENT :

No over or under payment will be paid by RMC except penalty.

GC-28 EXECUTION OF WORK :

The whole work shall be carried out in strict conformity with the provisions of the contract document, detailed drawings, specifications and the instructions of the Engineer-In-Charge from time to time. The Contractor shall ensure that the whole work is executed in the most substantial, and proper manner with best workmanship using materials of best quality in strict accordance with the specifications to the entire satisfaction of the Engineer-In-Charge.

The erection work is required to be carried out without disturbing the city supply. Under the circumstances, the erection work is required to be carried out in a phase manner. If there will be delay in the work due to Rajkot Municipal Corporation, the extension of time limit up to that extent will be given and for which no penalty will be imposed.

GC-29 DRAWINGS TO BE SUPPLIED BY THE CONTRACTOR:

Where drawings, data are to be furnished by the Contractor they shall be as enumerated in special conditions of contract and shall be furnished within the specified time. Where approval of drawings has been specified it shall be Contractor's responsibility to have these drawings got approved before any work is taken up with regard to the same. Any changes becoming necessary in those drawings during the execution of the work shall have to be carried out by the Contractor at no extra cost. All final drawings shall bear the certification stamp as indicated below duly signed by both the Contractor and Engineer-In-Charge.

Drawings will be approved by the Rajkot Municipal Corporation

GC-30 RESPONSIBILITIES OF CONTRACTOR FOR CORRECTNESS OF THE WORK :

The Contractor shall be entirely and exclusively responsible for the correctness of every part of the work and shall rectify completely any errors therein at his own cost when so instructed by Engineer-In-Charge. If any error has crept in the work due to non-observance of this clause, the Contractor will be responsible for the error and bear the cost of corrective work.

GC-31 ASSISTANCE TO ENGINEER-IN-CHARGE:

Contractor shall make available to Engineer-In-Charge free of cost all necessary instruments and assistance in checking of any work made by the Contractor setting out for taking measurement of work etc.

GC-32 ACCIDENTS :

It shall be Contractor's responsibility to protect against accidents on the works. He shall indemnify the owner against any claim for damage or for injury to person or property resulting from, and in the course of work and also under the provisions of the workman's compensation Act. On the occurrence of an accident arising out of the works which results in death or which is so serious as to be likely to result in death, the Contractor shall within twenty-four hours of such accident, report in writing to the Engineer-In-Charge, the facts stating clearly and in sufficient details the circumstances of such accident and the

subsequent action. All other accidents on the works involving injuries to person or damage to property other than that of the Contractor shall be promptly reported to the Engineer-In-Charge, stating clearly and in sufficient details the facts and circumstances of the accidents and the action taken. In all cases, the Contractor shall indemnify the owner against all loss or damage resulting directly or indirectly from the Contractor's failure to report in the manner aforesaid. This includes penalties or fines, if any, payable by the owner as a consequence of failure to give notice under the Workman's Compensation Act, or failure to conform to the provisions of the said act in regard to such accidents.

In the event of an accident in respect of which compensation may become payable under the Workman's Compensation Act including all modification thereof, the Engineer-In-Charge may retain out of money due and payable to the Contractor such sum of sums of money as may in the opinion of Engineer-In-Charge be sufficient to meet such liability. On receipt of award from the Labour Commissioner in regard to quantum of compensation, the difference in amount will be adjusted.

- GC-33.** Prices should be written clearly in Figure and in Words proper space in "Price Schedule" of e-tender Price Bid of the e-Tender.
- GC-34.** Quoted price should be inclusive of all taxes and duties like GST, entry taxes, other applicable levies, and F.O.R. at Rajkot Municipal Corporation, Rajkot.
- GC-35.** An Earnest Money Deposit of Rs.87,700/- and Tender fee of Rs.1875/- (Non-refundable) in form of Demand Draft in favour of Rajkot Municipal Corporation, Rajkot, of any Nationalized or Schedule Bank shall accompany along with the qualification's documents on Milestone date during office hours at Dy. Executive Engineer (Electrical), Room No.6, Second floor, Water Works - Central Zone, Dr. Ambedkar Bhavan, Dhebarbhai Road, Rajkot Municipal Corporation, Rajkot-360001. Without E.M.D. and tender fee in form of Demand Draft, e-tender will be rejected.
- GC-36.** e-Tender shall be valid for a period of not less than 180 days after the date of opening e-Tender Price Bid.
- GC-37.** The award of contract will normally be made within 180 days after the date of opening e-Tender Price Bid.
- GC-38.** e-Tender will be submitted online through e-tendering up to 18:00 hours IST on Milestone date and e-tendered Technical Bid will be opened on Milestone date.
- GC-39.** e-Tenderer should have to offer the firm prices in e-tender Price Bid for the prescribed item as per given in Technical Specification. Offer for the other item will not be considered and tender will be rejected.
- GC-40.** The inspection of all materials will be carried out at manufacturer premises by RMC engineer.
- GC-41.** e-Tenderer shall have to complete contract within 90 days after getting firm Work Order otherwise penalty will be charged as per norms of Rajkot Municipal Corporation.

GC-42. Insurance shall be the responsibility of e-Tenderer. e-Tenderer shall provide coverage for all items against transits risk, Accident to acquisition, Transport delivery up to destination and accident in trial and testing.

GC-43 Any modification or any changes in work or technical specifications done by RMC's Engineer-In-Charge and e-tenderer have to follow these changes without any dispute and argument. (No extra cost will be given for the modifications or changes).

GC-44. e-Tenderer have to furnish all Drawings and Certificates and Xerox copies of bills those are required and demanded by Engineer of Rajkot Municipal Corporation.

GC-45. TAXES:

No concessional 'P' or 'C' form shall be issued by Rajkot Municipal Corporation. Rate of GST applicable should be mentioned. If the firm is exempted from the payment of GST the certificate for the same should be attached. All the transit losses and breakage shall be suppliers risk and cost.

GC-46. TENDER EVALUTION:

Tender will be evaluated according to total price of all items of submitted price bid of qualified bidders. The tender quantity is approximate; payment will be made of actual consummated quantity.

GC-47. PRICE PREFEENCE:

No price preference will be given.

GC-48. JURISDICTION:

In the event of any dispute or difference arising out of this e-tender / contract, the jurisdiction of the Court shall be Rajkot (Gujarat) only. While executing the agreement, the supplier shall be governed at all times by all laws, regulations etc., in force in Gujarat State.

GC-49. DISPUTE:

In the event of any problem, dispute or difference arising out of or under this contract, the decision of the Municipal Commissioner, Rajkot Municipal Corporation, Rajkot, will be final and binding to the parties to this contract.

GC-50. STATUTORY VARIATIONS:

The price of the work quoted by the e-tenderer will be on the basis of current taxes and levies. If there will be any increase / decrease in the statutory tax / levies Govt. on the finished products that will be to the account of consignee i.e. **Rajkot Municipal Corporation**, and same will be paid by **Rajkot Municipal Corporation** on receipt of necessary documentary evidence from the supplier.

GC-51. NON-BLACK LISTING BOND:

The manufacturer has to furnish the undertaking on the non-judicial stamp paper of Rs.300/- duly Notarized regarding his firm is not black listed in anywhere in India at the time of e-tendering. This undertaking should be submitted online as well as hard copy.

GC-52. Conditional offer will not be accepted and same will be treated as non-responsive.

GC-53. LIQUIDATED DAMAGES:

In the event of the failure of the supplier to offer the material for inspection under the supply order in the stipulated time limit and also in case of the said material not reaching at the destination in the time limit as stipulated in clause 14 above. Rajkot Municipal Corporation will charge liquidated damages at the rate not exceeding 1% of the cost of delayed material per week for the period of the delay in causing the delivery there of at the destination in accordance with the stipulations under this contract. The maximum amount of liquidated damages so recoverable shall not exceed 10% of the cost of material under the supply order.

GC-54. e-TENDER AGREEMENT:

The e-tenderer shall be required to enter into an agreement for due performance of the contract. The stamp duty on all documents to be executed in connection with this rate contract to be entered into shall be borne by supplier. The security deposit (SD) in form of FDR / Bank Guarantee shall be deposited for required value. The contract agreement will have to be executed on a stamp paper of appropriate value as per value orders in force for the time being.

- (i) EMD of the first lowest firm/company will be forfeited if they fail to enter into agreement within prescribed time limit for entering into agreement.

GC-55. GUARANTEE:

The supplier at the time of entering into contract shall give a full guarantee against all technical and manufacturing defects in all materials supplied and operational defects, free replacement of defective materials at his own cost up to a period of 24 months from the date of Completion of work. Guarantee also includes any problem in MCC Penal with all Ele accessories supply by contractor should attend and repair, rectify such problem within 3 (three) Days on site after intimation. fro transportation, installation, parts replacement and repairing should be carry out by contractors at his own cost. No any payment will be made by RMC. If repairing time will take more than 15 days.

**A.A.E
Water Works
Rajkot Municipal Corporation**

**Dy. Executive Engineer
Water Works
Rajkot Municipal Corporation**

**Add. City Engineer
Water Works
Rajkot Municipal Corporation**

**TECHNICAL
SPECIFICATIONS
& TERMS**

GENERAL TECHNICAL CONDITIONS & REQUIREMENTS

1 SCOPE OF CONTRACT:

- 1.1 This specification covers the manufacturing, testing at manufacturer's site, delivery at site, unloading, handling and storage at site, complete erection, final checkup, painting, testing and commissioning of MCC & APFC Panel with all required all power & control cable etc.
- 1.2 Any minor / hidden item of work either supply and / or erection of materials / equipment which have not been specifically mentioned in the specifications but are necessary to complete the work for trouble free and efficient operation and guaranteed performance of the entire plant / system / equipment offered shall deemed to be included within the scope of this contract and shall be provided by contractor without any extra price to the RMC.
- 1.3 The SITC work information is indicated in the enclosed specification. It is advisable that the bidder should visit the site and apprise himself of all the site conditions prior to preparing the bid.

2 EQUIPMENT AND SERVICES TO BE INCLUDED BY CONTRACTOR UNDER THESE SPECIFICATIONS:

- 2.1 Electrical works required at pumping stations under regional water supply scheme.
- 2.2 Panel with ATS starter Panel, MCC And APFC panel as per specifications.
- 2.3 Fitting of Power and control cable and Local remote push button box with cable connection.
- 2.4 Connection of existing Earthing systems for the pumping station as per specification and requirement.
- 2.5 The contractor shall take the responsibility for all the testing and inspections at manufacturer's works to be conducted in manner as specified in this specification in the presence of RMC's representative. **The inspection will be at the cost of contractor.**
- 2.6 Transportation of all equipments packed in the specified way from the manufacturer's works to the project site inclusive of all intermediate handling.
- 2.7 Unloading of equipments from railway wagons / trucks at site handling and proper storing at site in the approved way under security.
- 2.8 Opening of package, checking, tallying, sorting out and inspection of equipment received at the site and lodging of insurance claims if any.
- 2.9 Taking delivery of equipments / materials from contractor's site stores, transportation to erection site. If erection is delayed, arrange for proper storage of the equipment / material in approval ways.

- 2.10 Erection, inspection, testing, start up and running of the equipment and complete work at guaranteed performance.
- 2.11 The contractor shall also arrange for maintenance of Team during guarantee and commissioning period.
- 2.12 The contractor shall also arrange technical expert of equipment from proprietary supplier to site as and when felt necessary until the commissioning guarantee run of the plant is completed.
- 2.13 Require Nos. of all relevant drawings, Data and instruction manuals.
- 2.14 All ancillary work as per price bid.
- 2.15 This SITC work will be carried out only during the Shutdown period.

1.0 TECHNICAL SPECIFICATIONS OF LT PANEL **(PCC/PMCC/MCC/APFC)**

SPECIFIC DESIGN REQUIREMENTS:

Suitable removable type lifting hooks and / or jacking pads shall be provided on each panel or shipping section for ease of lifting of switchboard. These hooks when removed shall not leave any opening in the panels.

It shall be of fixed type, single/double front execution. Circuit breakers (ACBs) panels shall be in single front and rear execution. Motor starter and power feeders / switch fuse modules accommodated at front and rear of incomer. Also vacant space on incomer and bus coupler panel shall not be used for mounting the starter and switch fuse modules. Access to all operating devices shall be from the front of the switchboard.

All metering and protection equipment associated with a particular circuit shall be housed in separate and independent compartment earmarked for that particular circuit and in the fixed portion of the vertical panel in case of breaker panels.

All auxiliary devices for control, indication, measurement and protection such as pushbuttons, control and selector switches, indicating lamps, ammeters, voltmeters, KWH meters and protective relays shall be mounted on the front side of respective compartment. The design shall be such that unless required for maintenance / inspection purposes, all power on/off or start/stop and relay reset operations shall be performed without opening panel door.

ACBs shall be MDO draw-out type and rest circuit breakers / motor starters shall be fixed type. Type of ACBs shall be as specified below in other specifications / requirements for ACB

All feeders to be housed in separate compartments. All compartments to be fully segregated from one another, as well as from bus bar chamber, with sheet steel barriers.

This type of construction shall be single front or double front as required. Each feeder compartment to have a separate door. PCC incoming feeder shall have cable entry from Bottom. Bottom cable entry for rest feeders through cable alley where as outgoing/incoming Circuit Breaker feeders to have bottom exit/entry from respective compartment itself. Cable termination compartment shall be provided.

Main Bus Bar shall have rating at least equal to the maximum demand under any circuit configuration plus a provision for 10% future load growth. Incomers of these switch boards shall also be designed to cater to the complete load including 10% margin for future load growth. Bus bars shall be of high conductivity, electrolytic copper. The maximum temperature of bus bar shall be 85°C i.e. maximum permissible temperature rise over design ambient of 50° C shall be 35° C.

Each short circuit interrupting device shall be designated to have breaking capacity equal to or higher than the maximum value of the short circuit current at the point of installation. MCCBs with back-up fuses shall not be acceptable.

MCB/MCCB for capacitors shall have a current rating of at least 150 % of the capacitor rated current. Circuit breakers capability to interrupt applicable capacitive current shall be specifically verified.

The switch board components viz. circuit breakers, main horizontal and vertical busbars, busbar joints, busbar supports etc. shall be designed to withstand the maximum expected short circuit level for minimum 1 sec.

Moulded Case Circuit Breakers for power feeders shall have built-in short circuit and thermal overload releases. The rated service short-circuit breaking capacity (Ics) of MCCBs shall be more than or equal to the specified fault level.

The Power Control Centre (PCC) shall generally include PGVCL incomers, DG incomer, necessary electrical/mechanical interlocks and outgoing breaker feeders.

The Motor Control Centre (MCC) shall generally include motor feeders of rating **75 KW**. The maximum rating of bus bar shall preferably limit to 1000 Amps. In case of MCC having two incomers, necessary tie switch shall be provided for bus sectionalizing. Heavy Duty type load break switch /ACB shall be provided for incoming and tie feeders and these shall have suitable interlocks and shall be designed to withstand the specified short circuit level for minimum 1 sec.

All power feeders (incoming & outgoing) of PCC & MCC shall be fuse less type only with provision of ACB based on current rating as specified elsewhere of this specifications except for capacitor bank / feeder for which SFU is acceptable and for feeders of appropriate rating for which 'D' curve MCB can be accepted.

The outgoing Motor Feeders should Comply to Type-2 Coordination as per latest IS. Panel shall have main horizontal and riser bus bars air insulated, housed in a separate compartment, segregated from all other compartments, with sheet steel barriers. Busbars shall be of high conductivity, electrolytic Copper, suitable for carrying the rated and short time current without overheating. Busbars shall be adequately supported on insulators to withstand dynamic stresses due to short circuits. Busbar support design should ensure free thermal expansion.

Busbars for risers shall be rated to carry 125 % of the rated current of all feeders connected to the risers.

All fuses shall be HRC, link type.

All power contactors shall be rated for 125 % (main contactor of ATS is minimum Amp rating 250 Amp) of feeder full load current. Minimum rating shall not be less than 16 Amps, duty category AC3 except for auxiliary contactor which shall have 10 Amps, 4NO + 4 NC.

All bimetal overload relays shall be of hand reset type with at least 1NO and 1NC contact with reset type push buttons, mounted on door such that it shall be possible to reset the O/L relay with door closed.

The MCC shall be provided with a continuous earth bus having sufficient cross section to carry the specified fault current for specified duration without exceeding the safe temperature throughout its entire length.

It shall be possible to monitor the LT breaker status including various fault conditions from remote location for which required spare potential free contacts shall be made available wired at terminal block. Similarly it shall be possible to operate the Manual operated breakers (MOD ACBs) from remote location and control wiring shall be designed accordingly. All microprocessor based relays & multifunction meters, where provided as per specifications, shall communicate with PLC/SCADA through required communication port & cable. Spare contacts (min. 1 NO + 1 NC) shall be made available at control terminal strip for all breakers module status including on, off, trip, spring charged, L/R selector switches as a minimum. Indicating instruments (meters) shall be of digital type for all PCC/MCC incomers and outgoing feeders & starters. The meters shall be generally of square pattern type of 96 x 96 mm suitable for flush mounting. Instrument shall generally conform to IS: 1248 & shall have accuracy class of 1.0 or better. All incomers of PCC/MCC shall be provided with digital type ammeter and voltmeter with required selector switches.

All PCC incomer and PCC outgoing power feeders shall also be provided with Multifunction meters.

- Digital meters shall have 3 ½ Digit, LED / LCD display as a minimum
- Multifunction meters (MFM): MFM where specified digital type only suitable to measure & display various parameters including Per Phase Voltage & Currents, KW, PF, Frequency, Phase Sequence, KVA, KWh, etc.

All starter feeders shall be suitable for operation from local & remote location as well as in manual modes. Manual and Local- shall be provided at each starter for this purpose. It shall be possible to monitor the starters including various fault conditions from remote location for which required spare potential free contacts shall be made available wired at terminal block. Similarly it shall be possible to operate the electrical drives from remote location and control wiring shall be designed accordingly.

All indicating Lamps shall be of LED type with series resistance & metal body.

Push Buttons shall be oil tight type with 2 NO + 2 NC contacts with min. 4A rated current

CONSTRUCTION:

- The MV switchboard panels shall be floor mounting, free standing, compartmentalized, Modular type suitable for indoor installation. The panel shall be totally enclosed and dust, damp & vermin proof. Enclosure shall have IP-52 or better degree of protection for indoor unit & IP-55 or better degree of protection for outdoor unit as a minimum. Outdoor unit shall be additionally provided with canopy or weather shed for protection.
- Overall height, width & depth as per site situation.
- All type of meters shall be digital & Analog type.
- MFM shall be considered with communication facility.
- MV switch boards sheet steel shall be CRCA mini. 2.0 mm for load bearing members & 1.6 mm for non-load bearing members. Gland plate shall be CRCA sheet min. 3.0 mm thick. All the doors and others openings shall be provided with neoprene rubber gaskets or of durable material gaskets.
- All hardware shall be corrosion resistant. Star washers shall be used for effective continuity.
- Suitable lifting hooks and jacking pads shall be provided on each panel or on each shipping section for ease of lifting of switchboard.
- All auxiliary devices for control, metering, protection, indication & measurement such as push-buttons, control and selector switches, indicating lamps, ammeters, voltmeters, kWh meters and protective relays shall be mounted on the front side of respective compartment for easy operation without opening the door.
- MCB/MCCB for capacitors shall have a current rating of at least 160 % of the capacitor rated current. Circuit breakers capability to interrupt applicable capacitive current shall be specifically verified / supported by manufacturer recommendation.
- The switch board components, Bus bars etc. shall be designed to withstand the maximum Designed short circuit level for minimum 1 sec.
- Incomer ACB shall be considered with micro-processor based release with in-built O/C, S/C and E/F protection and all out going SFU for power feeders shall be considered.
- MCCB shall be suitable with thermal magnetic release for ICS=ICU. The rated service short-circuit breaking capacity (I_{cs}) of MCCBs shall be more than or equal to the specified fault level.
- The LT panels shall be provided with a continuous earth bus having sufficient cross section to carry the specified fault current for specified duration without exceeding the safe temperature throughout its entire length.

- All control wiring except C.T. secondary wiring shall be carried out with minimum 1.5 sq.mm copper conductors. C.T. secondary wiring shall be carried out with 2.5 sq.mm copper conductor.
- All starters shall be provided with Local-Remote selector switches (where Start PB provided at Panel and motor side).
- All CTs, PTs and Control transformer shall be cast resin type.
- 2 Nos. auxiliary contactors to be considered for PLC interface.
- All capacitors shall be with dielectric losses $\leq 0.2\text{w/kVAR}$.

BUSBAR:

- Busbars shall be of high conductivity, electrolytic **Copper** suitable for carrying the rated and short time current without overheating supported on insulators made of non-hygroscopic, non-flammable material to ensure free thermal expansion. With tracking index equal to or more than that defined in IS.
- Copper bus bars shall be sized for maximum 1.4 A/mm² current density only.
- Bus bars for risers shall be rated to carry 125% of the rated current of all feeders connected to the risers.
- The current rating of neutral shall be min. half that of phase busbars.
- Both horizontal and vertical TP & N, bus bars, bus joints and supports shall be capable of withstanding dynamic and thermal stresses of the specified short circuit currents for 1 second.
- Only zinc passivated or cadmium plated high tensile steel bolts, nuts and washers shall be used for all bus bars joints and supports.
- The hot spot temperature of bus bars including joints at design temperature shall not exceed 85 deg C for normal operating conditions.
- All bus bars shall be insulated with heat shrunk PVC sleeves of 1100V grade.

Auxiliary Bus bars:

- Auxiliary power bus bars of suitable rated size shall be provided for all ATS Starters. Cables / Wires shall not be acceptable.
- Auxiliary bus bars of suitable size in copper shall be provided for following application. Exact number of bus bars shall depend on various controls, metering and auxiliary power distribution requirement.
- Panel space heater supply and motor space heater supply.
- Control supply for breaker tripping, closing and indication circuits.
- Control supply for breaker spring charging motors, motor starter control and indication circuits.
- AC potential supply for energy meters, voltage operated relays, etc.

AIR CIRCUIT BREAKER:

- Circuit breakers shall be air break, Manuley draw, draw out type for feeders rated above 1250A.

- The ACB shall have 50kA (1 Sec.) S/C withstands rating and having ICW for 1 Sec. = ICS = ICU= Icw. The breaker shall be Manually draw-out type and Manule operated motor spring charging type in open execution
- All ACBs shall comply and tested as per IS – 13947 / IEC 60947-1 and IEC 60947-2 standards.
- ACB for all Incoming and PCC Feeder outgoing should be Four Pole Type.
- ACB shall be with communication facility.

ACB Trip Release should have Minimum following

- Overload with time delay
- S/C with time delay and Inst. Trip Setting
- Earth Fault with Time Delay.
- Under/over Voltage for incomer
- Trip Indications
- Ammeter Display

ACB shall be fitted with following

- Heavy duty switches having not less than 6 NO + 6 NC contacts
- Built in resin cast current transformer
- Auxiliary contacts
- Shunt and under voltage tripping device
- All necessary Electro Mechanical protections & interlocks etc.
- The ACB shall be suitable for locking the breaker in various positions. Provision for door locking ACB shall be provided with the requisite end termination lugs/sockets. Terminal bars for connecting more than one terminal.

MOTOR STARTER

The motor starter shall be ATS.

AUTOMATIC AUTO-TRANSFORMER STARTER:

The motor starters shall be of fully automatic air break contactor type with auto-transformers suitably designed. The auto transformer shall be air cooled type vacuum impregnated copper wound. The size of the copper wire shall be suitable to motor 100 HP. having 3 tapings, preferably 60%, 70%, and 80%. The winding shall be capable to withstand full load current for 30 seconds suitable for 6 starts per hour as per relevant IS the percentage regulation of voltage should be within 10% and maximum temperature raised should not exceed as specified in relevant IS stamping should be of reputed make with E-class insulation, preferably CRGO/CRNGO.

Following test/Inspection shall be witnessed by RMC Representative

- a) Functional Operational
- b) MV Drop Test
- c) Insulation Test
- d) Magger Test
- e) Temperature rise Test

Switches/ Fuses

- The switches or fuse switches shall be load break, heavy duty / motor duty, air break type provided with quick make/break manual operating mechanism. The operating handle shall be mounted on the door of the compartment having the switch. Fuses shall be non-deteriorating HRC cartridge link type.
- Rating of heavy duty switches or motor duty starter modules shall meet the requirement of AC23 duty as per latest IS.

Contactors

- The contactors shall be air break type, equipped with three main contacts and minimum (2NO + 2NC) auxiliary contacts. The main contacts of a particular contactor for motor starter module shall have AC-3 rating. And its capacity of 125 % (main contactor of ATS is minimum Amp rating 250 Amp) of the rated current.
- Unless otherwise specified, the coil of the contactor shall be suitable for operation on 240V, 1 Ph., AC supply and shall work satisfactorily between 65 to 110 % of the rated value.

Bimetal Relay

- All bimetal overload relays shall be of manually reset type with at least 1NO and 1NC contact with reset type push buttons, mounted on door such that it shall be possible to reset the O/L relay without opening the compartment door.

Moulded Case Circuit Breakers (MCCB)

- All MCCBs shall be comply and tested as per IS - 2516 / IEC 60947-1& IEC 60947-2 standards. MCCB shall be provided with short circuit delay & instantaneous protection, over load protection and Earth fault protection as inbuilt protection along with time delays.
- Position of the knob shall be clearly indicated ON, OFF and TRIP conditions as a minimum in front and 1 NO + 1 NC Aux. Contacts. All MCCBs shall be considered with operating handle with pad locking facility.
- All MCCB shall be 4-pole of min. 25 kA (1 sec.) rated ultimate short circuit breaking circuit current rating as a min. or of higher short circuit current rating capacity as per fault level.

MCCB as part of motor starter module shall be current limiting type and type tested for Type-2 co-ordination as per IS: 13947 / IS/IEC: 60947.

Protective Relays

Thermal overload relays and Microprocessor base Digital Motor protection relay is required.

1. Over Voltage
2. Under voltage
3. Over current
4. Under current
5. Ground fault
6. Phase failure

- All relays (Except Lock-out and Auxiliary relays) shall be numerical type with communication facility.
- Relays shall be rectangular in shape, flush mounting type, having dust tight covers, removable from front, and shall be equipped with externally reset, positive action operations indicators. The relay shall have auxiliary units of either series connected or shunt connected type. All auxiliary relays shall be non-draw out type and protection relays shall be draw-out type with test facilities.
- Test plug shall be supplied loose. All relays shall conform to the requirements of IS-3231 or relevant IEC in general and IS - 3231 in specific.
- Relays shall be provided with adequate number of potential free self-reset / hand reset output contacts as required. Provision shall be made for easy isolation of trip circuits of each relays for the purpose of testing and maintenance.

Instrument Transformers (CTs/PTs)

- Current transformer & potential transformer shall generally conform to IS: 2705, IS/IEC: 60044-122 and any special requirement w.r.t. numerical relay shall be taken care of by contractor.
- Current transformers for instruments& protection shall have an accuracy class as per SLD.
- The current transformers in breaker feeders shall be capable of withstanding the applicable peak momentary short circuit and the symmetrical short circuit current for 1.0 sec.

Indicating / Measuring Instruments

- The meters shall be generally of square pattern type of 96 x 96 mm suitable for flush mounting. Instrument shall generally conform to IS: 1248 & shall have accuracy class of 0.5 or better.
- Digital meters shall have 3 ½ Digit, LED / LCD display as a minimum
- All auxiliary equipment such as shunt transducers, CT's, PT's etc., as required shall be included in the supply of switchboard. The current coil of ammeters and potential coils of voltmeters shall continuously withstand 120% of rated current and voltage, respectively, without the loss of accuracy.
- Digital type Multi-function Meter shall be of Accuracy Class: 0.5S (for Active)-IEC-687 / CBIP-88 and Suitable for measuring and digitally mini. three line displaying the following parameters: kVA, kW, kWh, A, V, P.F., frequency& with RS 485 communication port.

Push Buttons

- Pushbuttons shall be oil tight type with 2 NO + 2 NC contacts; each contact shall have rated operational current of not less than 4A (AC-11)
- Pushbuttons for ON / OFF etc. shall be flush type with spring aided self-reset contacts.
- Push button colors shall be as follows:
Stop / Open / Emergency - Red
Start / close - Green
Reset / Test - Yellow / White

Indicating Lamps

- Colour shade for the indicating lamps shall be as below LED type:
ON indicating lamp : Red

OFF indicating lamp : Green
 TRIP indicating lamp : Amber
 PHASE indicating lamp : Red, Yellow and Blue
 TRIP circuit healthy lamp : Milky

Wiring and Terminal Blocks

- All wiring shall be done with IS approved FRLS insulated copper conductors. The insulation grade for these wires shall be 660V grade. The control wiring shall preferably be enclosed in plastic channels or neatly bunched together.
- Control / CT circuit wiring shall be FRLS insulated, copper conductor of 2.5 sq.mm size.
- Each wire shall be identified at both ends by PVC ferrules.
- Inter panel wiring shall be done through PVC sleeves or rubber grommets.
- Marking on the terminal strips shall correspond to wire numbers on the wiring diagrams. All spare contacts and terminal of panel mounted equipment and devices shall be wired to terminal blocks.

Earthing:

- All vertical panels shall be connected to a Aluminum earth bus bar running throughout the length of the switchboard. The minimum earth bus size shall be 50x12 sq.mm aluminum shall be considered..
- All doors and movable parts shall be earthed using flexible copper connections to the fixed frame of the switch board. Provision shall be made to connect the earthing bus bar to the plant earthing grid at two ends. All non-current carrying metallic parts of the mounted equipment shall be earthed. Minimum 4 nos., 10 mm dia hole shall be provided on the earth bus for termination of earth strip / wire.

Name Plate:

- Nameplates shall be provided as per standard.
- LT Panel shall be with name plate (on front side of door of I/c) having minimum details like (1) control supply voltage (2) Panel fault level (3) Panel protection class (4) Panel manufacturing IS standard considered etc. details.

Painting:

- The LT Panel shall be treated with seven tank process with cleaning of scale, grease rust and foreign adhering matter & chemical de-rusting, sand blasting, degreasing, pickling in acid bath and phosphating as per IS: 6005 and primed.
- After cleaning, the surfaces shall be given 2 coats of epoxy primer.
- After seven tank process and primer coating the external paint shall be powder coated with RAL-7032 or paint shade shall be 631 of IS-5 for indoor and outside of LT Panel.

Danger Notice Plates:

- The danger notice plate shall be affixed in a permanent manner on operating side of the Panels. The danger notice plate shall indicate danger notice both in Hindi and English and with a sign of skull and bones as per IS 2551.

APFC PANEL:

- The control equipment including capacitors shall be CRCA mini. 2.0 mm for load bearing members & 1.6 mm for non-load bearing members. Gland plate shall be CRCA sheet min. 3.0 mm thick. All the doors and others openings shall be provided with neoprene rubber gaskets or of durable material gaskets.
- The housing of the capacitor banks shall be of open construction with free ventilation for capacitor units (IP5X). The connections from the capacitor units to the control panel shall be carried in totally enclosed, dust-proof, vermin-proof bus-ways or wire-ways.
- All capacitors shall be with dielectric losses $\leq 0.2\text{w/kVAR}$.
- Except for the specific requirements of PFIC / APFC panel specified here in, rest all specifications shall be as per LT Panel / MV Switchboard specifications specified above.
- APFC Panel shall be as per IS-16636:2017

The automatic control panel shall comprise of the following:-

- MCCB for Protection of Each Capacitor Bank (MCCB should be suitable for Capacitor Switching)
- Microprocessor based APFC Relay for sensing and correction the power factor of the system with required 12 no. of steps to achieve the specified improvement in power factor.
- 'ON' and 'OFF' push Buttons for manual control of each capacitor unit with indication lamp.
- 'ON' indication lamps with LED type lamps for each capacitor unit.
- Auto/manual Selector switch and On delay timer shall be considered for each capacitor feeder.
- Capacitor Duty Contactor with series Reactor.
- Any other components required for satisfactory and safe operation.
- Capacitor Banks shall comprise identical delta connected three phase units. Capacitor Banks shall be non-flammable, non – toxic, all polypropylene type with extended foil design. Capacitors should be of APP Double Layer Type only.
- Capacitor shall be compact in size and hermetically sealed. In built fuses & surge suppressors shall be provided for protection of each capacitor element.

Test and Test Reports

- All tests shall be conducted in accordance with the latest edition of IS – 2834 and as applicable for controls.
- Test certificates for similar capacitor units shall be furnished.

Drawings to be submitted for the approval of the Engineers Representative:

- Fully dimensioned general arrangement drawings of capacitor and capacitor control panel with elevation side view, sectional view and foundation details.
- Complete schematic and wiring diagrams for capacitor control panel.

SPECIFICATION FOR EARTHING

- This specification covers requirements of earthing. The specification is intended to cover complete supply, installation, testing and commissioning of the earthing systems.

➤ GENERAL INFORMATION

- The design, supply and performance of the system shall comply with all currently applicable statutory regulations and safety codes in the locality where the systems will be erected and commissioned.
- The earthing and lightening system shall be installed in conformity with the requirement of Indian Electricity Act 1910 as amended and the Indian Electricity Rules formed there under Indian standard code and practice and other statutory regulations that may be relevant to the erection.
- Unless otherwise specified, the equipments, materials and accessories provided by contractor shall confirm to the latest applicable Indian Standards or IEC standards some of which are listed below:
 - IS: 3043 Code of practice of earthing
 - IS: 2029 Code or practice for protection of building and allied structure
 - Against lightening

➤ CHEMICAL EARTHING

- The whole system must be made earthed by bore type electrode earthing as per IS: 3043 (1987). Earthing Electrode consisting Flat-in- Pipe technology made of corrosion free B Class G.I. Pipe having outer pipe dia. of 76-80mm with 90-120 micron galvanizing and inner GI strip of 50mm X 5mm with 90-120 micron galvanizing including boring, installation and fitment of RCC earth pit with cover with all related civil work in at site including all labour and material and making site neat and clean after the work.
- The connection terminal of the electrode must be connected to the earth terminal of the feeder pillar with suitable connectors, nuts, bolts, lugs etc. The whole installation must be covered with highly conductive back filling compound of 50kg. All the materials must be approved by EIC before utilization at site.

➤ Length of electrode	➤ 3 Meter
➤ Diameter of the electrode	➤ 76 – 80 mm
➤ Back filing compound	➤ 50 kg
➤ Depth and size of the bore	➤ As required
➤ Earth Pit with Cover	➤ RCC Earth pit with cover as required

- The separate and distinct earth leads shall be used for earthing each equipment/ structures enclosing the power conductor and one earth lead for metallic structure adjacent to electrical installation.
- Metallic frames of all electrical equipment rated above 250 volts, must be earthed by two distinct connections with earth system.
- Earthing cables crossing other metallic structures such as conduits, pipe lines etc., shall be minimum 300mm away from such structures.
- All underground connections and joints in earthing system shall be brazed/welded. Connection with equipments/structures shall be bolted type.
- Conducting petroleum jelly shall be applied to contact surfaces of all bolted joints and joints shall be covered with Chemical compound and taped.
- When G.I. conductors are connected to aluminum conductors the contact surfaces of G.I. shall be tinned to prevent bimetallic corrosion.
- Neutral connection shall never be used for the equipment earthing.
- Earthing conductors shall be protected against mechanical damage.
- Earthing conductors running along the structures, well etc. shall be created at every 750mm interval.
- Minimum size of earth conductor shall be in accordance with IS: 3043. However, size of earth conductors for equipments shall be at least half the size of power conductor, limited to maximum of 120 mm of aluminum.
- All earth lead connection shall be as short and direct as possible and shall be without link.
- TESTING OF EARTHING SYSTEM
- Corporation may ask to carry out earth continuity tests, earth resistance measurements and other tests in presence of the engineer-in –charge, which in his opinion are necessary to prove that the system is in accordance with design specifications, Indian code of practice and Indian Electricity Rules. Contractors shall have to bear the cost of all such tests. The earth resistance of the sub-station earthing system shall not exceed 1 ohm.
- The lightning protection vertical air terminations and/or horizontal air termination conductors shall remain in their installed position even during sever weather conditions.
- All joints in the down conductors shall be directly connected to the earthing systems.
- The test joint for down conductors shall be directly connected to the earthing systems.
- The earth resistance shall be checked, recorded and the resistance shall be improved in case it is higher than acceptable limits.

- The contractor shall carry out all rectifications repairs or adjustment work found necessary during testing and commissioning.
- **EARTHING CONDUCTORS**
 - The complete scope for collection of data, design of the system as per relevant national/international standards, preparation of layout drawings, installation and approval to the satisfaction of electrical inspector, are in scope of works under this tender specification. Earthing conductor sizes as given in electrical design criteria are for the purpose of guidance. Contractor shall satisfy himself for the size of the earth conductor required.
 - NOTES;
 - Conductors above ground shall be galvanized iron to prevent atmospheric
 - Corrosion.
 - Conductors buried in ground or embedded in concrete shall be mild steel. Fault clearing time for sizing earthing conductor shall be taken as one (1) second and plant earthing system shall be designed such that overall earthing resistance is less than one (1) ohm.

DRAWINGS:

- Prior to fabrication of the Panels the supplier / contractor shall submit for consultant's approval the drawing consisting of GA. drawing, sectional elevation, single line diagram, bill of material etc. and design calculations indicating type, size, short circuiting rating of all the electrical components used, bus bar size and calculation, internal wiring size, Panels dimension, colour, mounting details etc.
- The contractor shall also submit manufacturer's catalogues of the electrical components installed in the Panels along with the drawing.

INSPECTION & TESTING:

- Major electrical equipments, as indicated below shall be tested and inspected at vendor manufacturer's works before dispatch to ensure compliance with the specifications/requirements and applicable codes and standards and agreed quality assurance/testing plan.
- Inspection at Manufacturers Premises: Tests of major items like LT panel & Motors shall be conducted at manufacturer's work in presence of RMC representative. All the expenses like transportation, lodging & boarding shall be borne by contractor. Rest items shall be cleared for dispatch based on review of manufacturer's Test Certificates / manufacturer's Test Report Client's Engineer.
- The owner / Client or his authorized representative may visit the works during manufacture of various electrical equipment/materials to assess the progress of work as well as to ascertain that only quality raw materials are used for the same. He shall be given full assistance to carry out inspection. Owner/ client's representative shall be given minimum two weeks advance notice for witnessing of final testing.
- Field tests as per approved procedures / procedures available with engineer-in-charge or his authorized representative shall be performed on the electrical system / equipment before it is being put into service. All test equipment shall be arranged by the vendor. Test reports shall be approved by the engineer-in-charge before acceptance of the complete plant and equipment.

- All the cost pertaining to inspection including to & from travel, local conveyance, lodging and boarding expenses shall be borne by contractor for minimum 2 representatives of client / client's consultants.

MCC shall be subjected to the following tests.

- Mechanical operation test.
- H. V. test (2.5 KV for minute)
- Electrical control, interlock and sequential operation.
- Functional Test, Electrical Clearance
- Verification of wiring.
- Routine tests shall be carried out on all associated equipments as per relevant Indian Standard. Type test certificates for similar rating products shall be submitted for review.
- Certified copies of all test reports shall be submitted to the purchaser before dispatch of the equipment.

A.A.E
Water Works
Rajkot Municipal Corporation

Dy. Executive Engineer
Water Works
Rajkot Municipal Corporation

Add. City Engineer
Water Works
Rajkot Municipal Corporation

MCC PANEL CONSISTS OF SWITCHGEAR:

Sr. No.	Name of Equipment/ Instruments	Specifications
**	INCOMER & BUS COUPLER	4 nos of 4 pole microprocessor based incomer ACB, MDO out type 1250 Amps.
1.	ACB as incomer & Bus coupler	1250 amp
**	OUTGOINGS	
2.	Switch Fuse Unit (SFU)	As Per Drawing. Additional switching final approved in MCC drawing
3.	Switch dis-connector fuse (SDF) with fuse link.	Shall be of appropriate rating, TPN As Per Drawing.
4.	Distribution Feeder	Following MCB shall be considered in distribution feeder, TPN as incomer - As Per Drawing.
5.	BUS BAR CHAMBER	Main bus bar flats shall be of minimum 1000 Amp. With heat shrinkable sleeve. Other bus bar flats with heat shrinkable sleeve shall be of appropriate size for respective unit. MOC of all bus bars shall be electrolytic copper. Current density to be considered=1.4 amp/mm ²
6.	Metering	Following meters shall be provided, in each incomer: 1.Analog/ Digital Voltmeter (96x96) with selector switch as per specifications 2.Analog/Digital Ammeter (96x96) with selector switch as per specifications 3. Digital Energy meter as per specifications. Following meters shall be provided, in each outgoing feeder: 1.Digital MF/PF Meter with selector switch as per Tender specifications
7.	LED indicating lamps, push buttons and other misc. items.	INCOMER AND OUT GOING: R,Y,B,ON,OFF,TRIP
8.	Remaining parts of panel	Refer standard specifications.

DATA SHEET FOR ANY PANEL BOARD ENCLOSING SWITCHGEAR EQUIPMENT

OPERATIVE CONDITION	
VOLTAGE	415 V +/- 10%
NO. OF PHASE	3
SYSTEM	3 Phase, 4 WIRE
FREQUENCY	50 HZ
FAULT CURRENT	25 KA
NETURAL GROUNDING	NOT REQUIRED
CONTROL SYSTEM	
VOLTAGE FOR INDICATION FOR METERING FOR PROTECTION	240 V A.C 240 V A.C 240 V A.C
CONTROL WIRING	2.5/1.5 MM ² COPPER WIRE
BUS BAR	
PHASE BUS BAR MATERIAL SUPPORT NO. OF FLATS PER PHASE CURRENT DENSITY MINIMUM CLEARANCE INSULATING BARRIERS	COPPER SMC/DMC As per Requirement 1.4 AMP/ SQ.MM 25 MM MINIMUM BAKELITE SHEET OF 3.0 MM THICK
NETURAL BUS BAR	COPPER
EARTH BUS BAR	COPPER
FABRICATION MAIN STRUCTURE Gland PLATE	2.0 mm 3.0 mm

DOOR	1.6 mm
DEAD BACK/ BACK ACCESS	BACK ACCESS
SINGLE FRONT/DOUBLE FRONT	SINGLE FRONT
CABLE ENTRY/EXIT	BOTTOM
CONTROL SUPPLY	230 V AC
SITE CONDITION	
TYPE	INDOOR
MOUNTING	FLOOR
AMBIENT TEMPRATURE	50 DEG.CEL.
ATMOSPHERE	HUMID
VENTILATION	Air cooled
PAINTING	
SHEET SHOULD BE 7 TANK PROCESSED, OVEN BAKED AT 310 DEG. C. WITH POWDER COATING	YES
TYPE OF PRIMER	AS PER IS-SHADE
TYPE OF PAINT	AS PER IS- SHADE
HARDWARE (ZINC PLATED)	YES
SPACE HEATER	230 V AC
CABLE ALLEY ILLUMINATION	YES
POCKET FOR DRAWINGS AT DOOR	YES

DATA SHEET FOR ANY PANEL BOARD ENCLOSING SWITCHGEAR OR EQUIPMENT

(To be furnished by bidder)

OPERATIVE CONDITION	
VOLTAGE	
NO. OF PHASE	
SYSTEM	
FREQUENCY	
FAULT CURRENT	
NETURAL GROUNDING	
CONTROL SYSTEM	
VOLTAGE FOR INDICATION FOR METERING FOR PROTECTION	
CONTROL WIRING	
BUS BAR	
PHASE BUS BAR MATERIAL SUPPORT NO. OF FLATS PER PHASE CURRENT DENSITY MINIMUM CLEARANCE INSULATING BARRIERS	
NEUTRAL BUS BAR	
EARTH BUS BAR	
FABRICATION MAIN STRUCTURE MOUNTING PLATE DOOR	
DEAD BACK/ BACK ACCESS	

SINGLE FRONT/DOUBLE FRONT	
CABLE ENTRY/EXIT	
CONTROL SUPPLY	
SITE CONDITION	
TYPE	
MOUNTING	
AMBIENT TEMPRATURE	
ATMOSPHERE	
VENTILATION	
PAINTING	
SHEET SHOULD BE 7 TANK PROCESSED, OVEN BAKED AT 310 DEG. C. WITH POWDER COATING	
TYPE OF PRIMER	
TYPE OF PAINT	
HARDWARE (ZINC PLATED)	
SPACE HEATER	
CABLE ALLEY ILLUMINATION	
POCKET FOR DRAWINGS AT DOOR	

**APPROVED VENDOR LIST FOR
ELECTRICAL EQUIPMENT**

1.	415-V MCC Panel components	L&T / Siemens / C&S / ABB / Schneider
2.	Air Circuit Breaker	L&T / Siemens / C&S / ABB/ Schneider
3.	ATS Starters	L&T / Siemens / C&S / ABB/ Schneider
4.	Contactors	L&T / Siemens / C&S / ABB/ Schneider
5.	MCB, MCCB	L&T / Siemens / C&S / ABB/ Schneider
6.	Switch Fuse Unit	L&T / Siemens / C&S / ABB/ Schneider
7.	CTs & PTs	KAPPA / Silkans / Gibert / Precise / ABB / C&S / L&T / AE / Ashmor
8.	Protective Relays	ABB / Siemens / Minilec / C& S / L&T/ Schneider
9.	Indicating Meters	AE / C&S / L&T / Siemens / Trinity / Nippen/ Schneider
10.	Indicating Lamps	L&T / Siemens / C&S / Rass Controls / Technik / Schneider
11.	Push Button stations	L & T / BCH / Siemens / Technik / Rass / C&S/ Schneider
12.	Meters	AE // L&T /Minilec / Trinity / C&S/ Schneider
13.	Selection Switches	KEC / Thakoor/ Technic (Heavy duty type only)/ Schneider/ L&T
14.	Annunciators	Minilec / Peacon / ICA.
15.	Terminal Block	CONNECTWELL / ELMEX / Wago(C&S)
16.	Power and Control Cable	Asian-cables / Fort gloster / Finolex / KEI / Torrent / Havells /V-Guard / RR
17.	Cable Glands & Lug	Comet / SMI / Dowells / HEX
18.	LT Cable Termination	Dowells / Jointwell/Hex
19.	ATS	KAPPA / Silkans / Gibert / Precise / ABB / C&S / L&T / AE / Ashmor / Narmada

The contractor shall distinctly understand that it will not be their prerogative to insist on a particular brand from the list, final selection will be done with the approval of Engineer in charge.

A.A.E
Water Works
Rajkot Municipal Corporation

Dy. Executive Engineer
Water Works
Rajkot Municipal Corporation

Add. City Engineer
Water Works
Rajkot Municipal Corporation

રા.મ.ન.પા./લીગલ/જા.નં. ૧૬૫૯

રાજકોટ મહાનગરપાલિકા

લીગલ શાખા

તા.૨૧/૨/૨૦૧૭

હુકમ:

વંચાણે : લીગલ ફાઇલ નં.૩૭૧/૨૦૧૬-૧૭

રાજકોટ મહાનગરપાલિકાની કામગીરી માટે જુદી-જુદી શાખાઓ દ્વારા કામગીરીના પ્રકારને ધ્યાને લઈ નિયમ અનુસારની પ્રક્રિયા અનુસરીને એજન્સી/સપ્લાયર/કોન્ટ્રાક્ટર સાથે જોગવાઈઓ ^{અનુસર} કરાર કરવામાં આવે છે. મહાનગરપાલિકાની કામગીરી સંદર્ભે તૈયાર કરવામાં આવતા ટેન્ડર/કરારનામામાં વખતો વખતની જરૂરીયાતને ધ્યાને લઈ આર્બિટ્રેશન (Arbitration) ની જોગવાઈઓનો સમાવેશ કરવામાં આવેલ છે.

રાજકોટ મહાનગરપાલિકાની કામગીરી માટે કરવામાં આવેલ કરારનામાની શરતો અનુસંધાને અમુક એજન્સી/સપ્લાયર/કોન્ટ્રાક્ટર દ્વારા છેલ્લા કેટલાક વર્ષોથી નામદાર હાઇકોર્ટ સમક્ષ આર્બિટ્રેટરશ્રીની નિયુક્તિ અંગે પીટીશનો કરવામાં આવે છે, જેના કારણે મહાનગરપાલિકાની કામગીરીના ભારણમાં વધારો થયેલ છે, અને સંબંધિત અધિકારીશ્રીઓને વારંવાર અમદાવાદ ખાતે હાજર રહેવું પડતું હોય તેના કારણે અગત્યના પ્રોજેક્ટો સહીત કચેરીની કામગીરી તેમજ પ્રજાકીય કામો ઉપર વિપરીત અસર થવા પામેલ છે, તેમજ અરજદારોને હેરાન થવું પડે છે. આ અંગે કાયદાકીય, શાખાના અભિપ્રાય અને પ્રકરણની વિગતો જોતા આ કામે વૈકલ્પિક ઉપાય (alternate remedy) ઉપલબ્ધ હોય મહાનગરપાલિકાના ટેન્ડર/કરારનામામાં આર્બિટ્રેશનની જોગવાઈઓને સામેલ કરવાનું ઉચીત જણાતું નથી.

આથી " રાજકોટ મહાનગરપાલિકાના કામે કરવામાં આવતા ટેન્ડર ડોક્યુમેન્ટ અને કરારનામામાં આર્બિટ્રેશન (Arbitration) ને લગત જોગવાઈઓ દૂર કરવાનો," અને તેના બદલે "ટેન્ડરની શરત/કરારનામાની શરતના અર્થઘટન સંદર્ભે મહાનગરપાલિકાના કમિશનરશ્રીનો નિર્ણય આખરી અને બંધનકર્તા રહેશે," અને "ટેન્ડરની/કરારનામાની શરતો અંગે કોઈ પણ બાબતે વિવાદ ઉપસ્થિત થયે રાજકોટની દિવાની અદાલતની હકુમત રહેશે," તેવી શરતોનો મહાનગરપાલિકાના કામ અર્થે તૈયાર કરવામાં આવતા તમામ કામગીરીના પરિપત્રો/ટેન્ડર ડોક્યુમેન્ટ તેમજ કરારનામામાં સમાવેશ કરવાનો આથી હુકમ કરવામાં આવે છે.

આ હુકમનો અમલ તાત્કાલિક અસરથી ચુસ્તપણે કરવો.

કમિશનર

રાજકોટ મહાનગરપાલિકા

નકલ રવાના જાણ અર્થે : નાયબ કમિશનરશ્રી (તમામ)

નકલ રવાના જરૂરી કાર્યવાહી અર્થે : તમામ શાખાધિકારીશ્રીઓ

Acceptance of Bank Guarantee as
Security Deposit and Earnest
Money Deposit.

Government of Gujarat

Finance Department

GR. No.: EMD/10/2021/7729/DMO

Date: 12/04/2021

Read: 1) FD GR. No.: EMD/10/2020/42/DMO Dt. 19/10/2020

2) GR Corrigendum: EMD/10/2020/42/DMO Dt. 11/01/2021 .

Preamble:

Tendering authorities of the State Government and its Boards/Corporations/PSUs frequently take Bank Guarantee from the bidders towards Security Deposit and Earnest Money Deposit. The State Government had issued the list of eligible banks vide above mentioned resolutions of this department dated 19-10-2020 and 11-01-2021.

After careful consideration, the Government has decided to approve the list of Banks whose Bank Guarantees would be accepted for the purpose mentioned above. It has now been decided to resolve as follows:

Resolution:

Government Departments and State Government Boards/Corporations/PSUs would accept Bank Guarantee (towards Security Deposit and Earnest Money Deposit) issued by any of the banks included in the **Annexure I**, attached to this Resolution.

The tendering authority will be required to ascertain the authenticity of the Bank Guarantee and set up necessary internal control procedures.

By order and in the name of the Governor of Gujarat.


(S. Chhakhuak)

Additional Secretary (B)
Finance Department

To,

The Secretary to His Excellency Governor of Gujarat, Raj Bhavan, Gandhinagar

Principal Secretary to Hon. Chief Minister

PS to Hon. Deputy Chief Minister /Finance Minister

PS to all Hon. Ministers, State Ministers and Deputy Ministers

PS to Hon'ble Leader of Opposition Party

The Secretary, Gujarat Legislative Assembly, Secretariat, Gandhinagar

PS to Chief Secretary

PS to Additional Chief Secretary, Finance Department

PS to Secretary (EA), Finance Department

PS to Secretary (Expenditure), Finance Department

PS to Joint Secretary (B), Finance Department

All Administrative Departments, Sachivalaya, Gandhinagar

All Heads of Department

All Public Enterprises of the State

All State's Boards/Corporations/Societies

Accountant General-I (Audit) Gujarat, Ahmedabad

Accountant General (A&E) Gujarat, Ahmedabad

Accountant General-II (Audit) Gujarat, Rajkot

Accountant General (A&E) Gujarat, Rajkot

Pay and Accounts Office (Gandhinagar/Ahmedabad)

Chief Information Officer, Finance Department

All Add. Secy./Joint Secy./Dep. Secy./Under Secy. Finance Department

All Branches, Finance Department

System Manager, Finance Department for put up on GSWAN website

Select File DMO-Finance Department

Annexure I.

Finance Department, GR. No.: EMD/10/2021/7729/DMO

Date: 12/04/2021

(A) Guarantees issued by the following banks will be accepted as SD/EMD on permanent basis:

❖ All Nationalized Banks

(B) Guarantees issued by the following Banks will be accepted as SD/EMD for the period up to March 31, 2022. 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.

- ❖ The Mehsana Urban Co-operative bank Limited
- ❖ Ahmedabad Mercantile Co-Operative Bank Limited
- ❖ Nutan Nagrik Sahakari Bank Limited
- ❖ Kalupur Commercial Co-Operative Bank Limited
- ❖ RBL Bank
- ❖ Axis Bank
- ❖ ICICI Bank
- ❖ HDFC Bank
- ❖ Kotak Mahindra Bank
- ❖ IndusInd Bank
- ❖ Rajkot Nagarik Sahakari Bank Limited
- ❖ The Gujarat State Co-Operative Bank
- ❖ Sarswat Bank
- ❖ Saurashtra Gramin Bank
- ❖ DCB Bank
- ❖ Tamilnadu Mercantile Bank
- ❖ Ujjivan Small Finance Bank
- ❖ A U Small Finance Bank
- ❖ Federal Bank
- ❖ Equitas Small Finance Bank
- ❖ Bandhan Bank
- ❖ Standard Chartered Bank
- ❖ City Union Bank

All the eligible banks are instructed to collect the original documents/papers of guarantee from the concerned tendering authority.



(S. Chhakchhuak)

Additional Secretary (B)

Finance Department

-----XXXXX-----

R.M.C./C./ ૧૩૨

કચિન્નર વિભાગ,
રાજકોટ મહાનગર સેવાસદન
તા. ૧૦/૬/૨૦૧૩

હુકમ :-

વિષય:- ઈ-ટેન્ડર / ઓપન ટેન્ડર પદ્ધતિથી મંગાવવામાં આવતી તમામ પ્રકારની ઓફરો સાથે બિનઅધિકૃત રજૂ થતાં ડોક્યુમેન્ટ્સ સામે કડક કાર્યવાહી હાથ ધરવા બાબત.

સંદર્ભ :- આ ગણાઉનાં પરીપત્ર નં. આર.એમ.સી./સી./૩૨૯. તા.૩૨/૧૨/૨૦૧૨.

રાજકોટ મહાનગર સેવાસદનના ત્રણ જોનનાં તમામ વોર્ડમાં શહેરનાં વિકાસ તથા જાળવણી માટે વિવિધ કામગીરી કરાવવા ઈ-ટેન્ડર / ઓપન ટેન્ડર પદ્ધતિથી અલગ અલગ એજન્સીઓ પાસેથી સ્પર્ધાત્મક ધોરણે અખબારી પ્રસિધ્ધિથી ભાવો ટુ બીડ સીસ્ટમ (૧) ટેકનીકલ બીડ (૨) પ્રાઈઝ બીડ થી મંગાવવામાં આવે છે.

સંદર્ભના પ્રસિધ્ધ કરેલ પરીપત્ર મુજબ તમામ ઈ-ટેન્ડર / ઓપન ટેન્ડરથી મંગાવવામાં આવતાં ભાવો સાથે ભાવ ભરનાર એજન્સીઓ / બીડરો દ્વારા ટેન્ડર બીડ માટે રજૂ કરવાનાં થતાં તમામ ડોક્યુમેન્ટ્સ ફરજિયાતપણે ખરી નકલમાં અથવા સેલ્ફ એટેસ્ટેડ રજૂ કરવા આદેશ કરવામાં આવેલ છે. જે સંબંધે નીચે મુજબનાં હુકમની અમલવારી તાત્કાલિક અસરથી કરવા આદેશ કરવામાં આવે છે.

(૧) તમામ ટેન્ડરકામોના ટેકનીકલ બીડ ઓપન કરતી વખતે જે ટેન્ડર બીડ ભરનાર એજન્સીઓ દ્વારા તમામ ડોક્યુમેન્ટ્સ કે તે પૈકી કોઈપણ એક ડોક્યુમેન્ટ્સ ખરી નકલમાં અથવા સેલ્ફ એટેસ્ટેડ રજૂ કરેલ ન હોય તો રજૂ થયેલ ટેકનીકલ બીડ ઓપન કરવાની કાર્યવાહી દરમ્યાન ટેકનીકલ બીડ ઓપન કરનાર સંબંધિત અધિકારીશ્રી / કર્મચારીશ્રીએ Disqualify પ્રકારનો રબ્બર સ્ટેમ્પ બિનઅધિકૃત રજૂ થયેલ ટેન્ડરનાં તમામ પાને લગાવી ટેકનીકલ બીડમાં ટેન્ડર Disqualify ફરજિયાતપણે કરવાનું રહેશે.

જે ટેન્ડર ખરી નકલ કે સેલ્ફ એટેસ્ટેડ સાથે રજૂ થયેલ નથી, તેવું ટેકનીકલ બીડમાં ધ્યાને આવ્યેથી રજૂ થયેલ ટેન્ડરને Disqualify ન કરી, તે બીડરનું જો પ્રાઈઝ બીડ ખોલવામાં આવશે તો આવા પ્રાઈઝ બીડ ખોલનાર તમામ સંબંધિત અધિકારીશ્રી / કર્મચારીશ્રી સામે સખત શિક્ષાત્મક પગલાં લેવાની ફરજ પડશે.

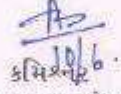
(૨) તમામ ટેન્ડરોનાં કિસ્સાઓમાં સંબંધિત ખરી નકલમાં રજૂ થયેલ તમામ ડોક્યુમેન્ટ્સની મુળ (ઓરીજીનલ) નકલ મંગાવી તેની ખરી નકલની ચકાસણી ફરજિયાતપણે સંબંધિત ડી.ઈ.ઈ.શ્રી તથા મ.ઈ.શ્રી / અ.મ.ઈ.શ્રીએ કરવાની રહેશે. જે મુળ નકલ સાથે વેરીફાઇ કર્યાની સહી ફરજિયાતપણે દરેક ખરી નકલમાં સંબંધિત ડી.ઈ.ઈ.શ્રી / મ.ઈ.શ્રી / અ.મ.ઈ.શ્રીએ કરવાની રહેશે. તે પહેલાં તે ટેન્ડરની પ્રાઈઝ બીડ ઓપન કરી શકાશે નહીં, જેમાં ફરજિયાત થયેથી સંબંધિત જવાબદાર ડી.ઈ.ઈ.શ્રી / મ.ઈ.શ્રી / અ.મ.ઈ.શ્રી ની સામે કડક ખાતાકીય પગલાં લેવાની ફરજ પડશે.

(૩) ક્રમ નં.(૧) તથા (૨) મુજબની ચકાસણી કરવા છતાં જે કિસ્સામાં ટેકનીકલ બીડ ઓપન કરતાં બીડર દ્વારા કોઈપણ પ્રકારનાં ફોડ ડોક્યુમેન્ટ્સ રજૂ કરી કામ મેળવવા માટે પ્રયાસ કર્યાનું સાબિત થશે, તેવા કિસ્સામાં બીડર / એજન્સીને બ્લેકલીસ્ટ કરી, આવા બીડર સામે ફરજિયાતપણે ફોજદારી કાર્યવાહી સંબંધિત શાખાના વડા તથા વીજલન્સ અધિકારીશ્રી (પ્રોટેક્શન) દ્વારા જોઈન્ટલી ટિન-૭ માં કરવા આદેશ કરવામાં આવે છે. જેની લેખિતમાં

જાણ તાત્કાલીક અંગે કરવાની રહેશે. જેમાં ચૂક થયેથી સંબંધીત તમામ અધિકારીઓ / કર્મચારીઓ સામે કડક પગલાં લેવા ફરજ પડશે.

- (૪) સંદર્ભનો પરીપત્ર તથા આ હુકમ તથા પ્રકારનાં ટેકનીકલ કામના દરેક ટેન્ડર પ્રશિષ્ઠ કરતી વખતે ટેન્ડરનો હિસ્સો ગણી ટેન્ડરના ભાગ તરીકે પ્રશિષ્ઠ કરવાનું ફરજિયાત રહેશે, તથા બીડર દ્વારા ટેન્ડરમાં પ્રશિષ્ઠ થતાં સંદર્ભનાં પરીપત્ર તથા આ હુકમનાં દરેક પાને સહી ચિકકા સાથે ભરેલ ટેન્ડરની ટેકનીકલ બીડ ફરજિયાત રજુ કરવાની રહેશે.

ઉપરોક્ત હુકમનો તાત્કાલીક અસરથી ચુસ્તપણે અમલ કરવા આદેશ કરવામાં આવે છે.


કમિશ્નરશ્રી

રાજકોટ મહાનગર સેવાસદન

નકલ રવાના (જાણ અર્થે):-
નાયબ કમિશ્નરશ્રીઓ (તમામ)

નકલ જાણ તથા અમલવારી અર્થે :-
(૧) સહાયક કમિશ્નરશ્રીઓ (તમામ)
(૨) શાખાધિકારીશ્રીઓ (તમામ)

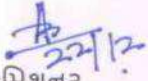
આર.એમ.સી./સી. ૩૨૪

રાજકોટ મહાનગરપાલિકા
કમિશનર વિભાગ
તા.૨૨/૧૨/૨૦૧૨

પરિપત્ર:-

ઇ-ટેન્ડર પદ્ધતિ / ઓપન ટેન્ડર પદ્ધતિથી માંગવામાં આવતી ઓફરોમાં એજન્સીઓ દ્વારા ટેકનીકલ બીડમાં રજૂ કરવામાં આવતા ડોક્યુમેન્ટ્સ જેવા કે ટર્નઓવર, અનુભવના પ્રમાણપત્રો વિગેરે ખરી નકલમાં રજૂ કરવામાં આવતા નથી. આથી હવે પછીથી એજન્સીઓ દ્વારા રજૂ થતાં ટેકનીકલ બીડમાં રજૂ કરવામાં આવતા ડોક્યુમેન્ટ્સ ખરી નકલમાં અથવા સેલ્ફ એટેસ્ટેડ હોવા જરૂરી છે તેમજ જે એજન્સીનું ટેન્ડર ટેકનીકલ બીડમાં ક્વોલીફાય થાય અને ખરી નકલ ગેઝેટેડ ઓફીસર મારફત પ્રમાણિત કરાવેલ ન હોય તેવા કેસમાં તેના ઓરીજીનલ ડોક્યુમેન્ટ્સ પ્રાઇસબીડ ખોલતા પહેલા ચકાસી અને ખરી નકલ રજૂ કરાવીને જ ખોલવાના રહેશે તથા આ બાબતનું શાખાધિકારીશ્રીઓએ યુસ્તપણે પાલન કરાવવાનું રહેશે. આમ ન થયેથી પુરતી ચકાસણીને અભાવે જો કોઇ એજન્સીને ખોટા કે અધુરા આધારો સાથે કામ આપવાની ક્ષતિજનક બાબત જાણમાં આવ્યે તે ટેન્ડર ડોક્યુમેન્ટ્સની ચકાસણી કરનાર કર્મચારીશ્રીઓ તેમજ શાખાધિકારીશ્રીની જવાબદારી નક્કી કરવામાં આવશે, જેની સર્વે શાખાધિકારીશ્રીઓએ નોંધ લેવી.

ઉપરોક્ત બાબતનો અમલ તાત્કાલિક અસરથી કરવો.


કમિશનર

રાજકોટ મહાનગરપાલિકા

નકલ રવાના :- (જાણ અર્થે)

- નાયબ કમિશનરશ્રીઓ (તમામ)

નકલ જાણ તથા અમલવારી અર્થે :-

- સહાયક કમિશનરશ્રીઓ (તમામ)

- શાખાધિકારીશ્રીઓ (તમામ)

જોજવારી કાર્યરીતી અધિનીયમ ૧૯૭૩ (૧૯૭૪ નં.૨) ની કલમ ૧૪૪ અન્વયે ઠાકેલ ફુકમ

ક્રમાંક એસ.બી./મજુર/જોજવારી/૧૬૭૬/૨૦૧૪.
 પોલીસ કમિશનરીની કચેરી,
 રાજકોટ શહેર, રાજકોટ.
 તા. ૦૪/૦૪/૨૦૧૪

જોજવારીમાં રાજકોટ શહેરમાં ઘરકોટ ચોરીના બનાવો વધતા પડેલ છે. ભુતકાળનાં રાજકોટ શહેરમાં બનેલ ઘરકોટ ચોરીના બનાવોની તપાસ કરતા તપાસમાં આવા ગુનો કરનાર (ચોરીકીયા) પકડાયેલ છે. ત્યારે તપાસમાં આવા ગુના વાળા આરોપીઓ ગુનાના બનાવના દિવસે અગાઉ રાજકોટ શહેરમાં નવા બંધાતા ગામોમાં જુદી જુદી ઓપીગીક કંપનીઓમાં, કોર્પોરેશનમાં મજુરી કામ અને ટેલીફોન કંપનીઓ તથા તથા ગેસ પાઇપ લાઇન માટે ખોદાતા ખાડાઓની મજુરી કામ મેળવી અથવા તેના બહાના ફેલ્ડ આવી રોકાય કરી આજુબાજુની સ્થાનિક પરીસ્થિતીનું સર્વે કરી માહિતગાર થઈ મિલકત વિરુધ્ધના ગુનોઓ આચરતા હોય છે. મજુરી કામના મહત્તમ ફેલ્ડ આંતરવાદીઓ પણ આશરો મેળવી લેતા હોય છે જેથી શહેર જનતાની જાન-માલ (મિલકત)ની સલામતી તથા સુરક્ષા સારૂ થોડા નિયંત્રણો મુકવા જરૂરી જણાય છે.

જેથી ફુ મોકલ જા (સ.સ.), પોલીસ કમિશર, રાજકોટ શહેર જોજવારી કાર્યરીતી અધિનીયમ (સી.આર.પી.સી.) ૧૯૭૩ (૧૯૭૪ નં. ૨) ની કલમ ૧૪૪ અન્વયે અમોને સમગ્ર સત્તાની હુમે આથી ફુ ફુકમ કરુ છુ કે, રાજકોટ શહેરના પોલીસ કમિશનર વિસ્તારમાં લેબર કોન્ટ્રાક્ટર/મુકાદમનાઓએ પોતાની ખાસે જે મજુર કામે રાખેલ હોય અને મજુરો કામકાજ માટે સપ્લાય કરતા હોય તેઓએ નીચે જણાવેલ કોર્મ મુજબ દરેક મજુરોના અલગ-અલગ કોર્મ ભરી ફરજિયાત પાઠે સ્થાનિક પોલીસ સ્ટેશનને જણ કરવાની રહેશે તથા મજુરો જવારે મજુરી કામ તથા રાજકોટ શહેર છોડી જતા રહે ત્યારે લેબર કોન્ટ્રાક્ટર/મુકાદમે તે અંગેની જણાવનામ/સરનામા સહિતની વિગત સાથે સ્થાનિક પી.સી.મા કરવાની રહેશે

૧	લેબર કોન્ટ્રાક્ટર / મુકાદમ (સપ્લાયર) નું પુરુ નામ સરનામું	--
૨	મો.નં., નંબર સહિત	--
૩	મજુરનું નામ તથા ઉં.વ.	--
૪	મજુરનું કાલનું સરનામું ટેલીફોન નંબર	--
૫	મજુરનું મૂળ વતનનું સરનામું ગામ, તાલુકો, જિલ્લો	--
૬	કાલની મજુરીનું સ્થાન / કંપનીનું નામ	--
૭	મજુરનું વતનનું સ્થાનિક પો.સ્ટે.નું નામ તથા ટેલીફોન નંબર	--
૮	મજુરના વતનના આગેવાનનું નામ, સરનામું, ટેલીફોન નંબર	--
૯	મજુર અગાઉ કોઈ પોલીસ ગુનામાં પકડાયેલ હોય તો તેની વિગત	--
૧૦	કચારથી મુકાદમ / કોન્ટ્રાક્ટરે મજુરી કામ માટે સમજાવેલ છે	--
૧૧	મજુરનું અંગેના માટેનું આર.કી.પુર (કોટા સારો નું)	--
૧૨	રાજકોટ શહેરમાં કઈ તારીખથી મજુરી કામ કરે છે ? અને કઈ તારીખે જવાની છે ?	--
૧૩	રાજકોટ શહેરમાં નજીકના સંબંધી કોઈ કોચતો તેનું નામ, સરનામું	--

જે.સી.
જે.સી.

મજુરનો તારીખરનો કોર્મ
 મજુરના અંગુણનું ચિત્રાલ
 મુકાદમ/સપ્લાયર/કોન્ટ્રાક્ટરની સહી
 નામ.....

આ ફુકમ તા. ૦૧/૦૪/૨૦૧૪ થી તા.૩૦/૦૬/૨૦૧૪ સુધી અમલમાં રહેશે.

આ ફુકમનો લેંગ કરનાર વ્યક્તિ ભુવરનોય ઠાકેલ સહિતનાની કલમ ૧૯૬ મુજબ શિક્ષાને પાત્ર થશે.

ઠાકેલ માટે.....
 ઠાકેલ માટે.....
 ઠાકેલ માટે.....
 ઠાકેલ માટે.....

તામાને વ્યક્તિગત રીતે મોટીમતી વજવણી કરવી શક્ય ન હોય આથી એકતરફી દુકમ કરી જુ. જાહેર જનતાની જણા સાથે સ્થાનીક વર્તમાન પત્ર આકાશવાણી અને દુરદૂરજન કેન્દ્ર પારકતે પ્રસિધ્ધી દ્વારા તથા પોલીસ સ્ટેશનના પોલીસ ઇન્સ્પેક્ટર, મહત્વનીશ પોલીસ ઇન્સિસર, આચાર્ય પોલીસ ઇન્સિસર તથા પોલીસ ઇન્સિસર કચેરીના મોટીશ ઓફીસર દુકમની નકલ યોગ્ય પ્રસિધ્ધી કરવામાં આવશે તેમજ સહેલાઈથી જોઈ શકાય તેવી જાહેર જગ્યાઓ ઉપર દુકમની નકલ યોગ્ય પ્રસિધ્ધી કરવામાં આવશે સુજાતા પોલીસ એન્ડ ટ્રાફિક ડિવિઝન મુજબ પોલીસ અધિકારીઓ પણ આ દુકમની જાહેરાત કરવા અધિકૃત ગણાશે.

આજ તારીખે, ૨૦/૦૧/૨૦૧૭ ના રોજ માટે જાહેર અને સિદ્ધી કરી આગેલ છે.



(મોહન જા)
 પોલીસ ઇન્સિસર
 રાજકોટ શહેર, રાજકોટ

નકલ સંપન્ન

- (૧) મુખ્ય સચિવશ્રી, ગુજી વિભાગ, ગાંધીનગર.
 - (૨) પોલીસ મહાનિરીક્ષક અને મુખ્ય પોલીસ અધિકારીશ્રી, ગુ. રા. ગાંધીનગર
 - (૩) અધિક પોલીસ મુખ્ય ડિરેક્ટરશ્રી (ઈ.એ.સી.) ગુ.રા. ગાંધીનગર.
 - (૪) પોલીસ ઇન્સિસરશ્રી, અમદાવાદ શહેર, રાજકોટ શહેર, સુરત શહેર.
 - (૫) પાસ મુખ્ય પોલીસ અધિકારીશ્રી, રાજકોટ શહેર, રાજકોટ.
 - (૬) જીલ્લા પોલીસ અધિકારીશ્રી, રાજકોટ શહેર, રાજકોટ.
 - (૭) ટ્રાફિક ઇન્સિસરશ્રી, રાજકોટ શહેર.
 - (૮) મ્યુનિસિપલ ઇન્સિસરશ્રી, રાજકોટ શહેર.
 - (૯) નિયામકશ્રી, માહિતી પત્ર સેક્ટર, રાજકોટ શહેર અને જીલ્લા સચિવાલય પ્લોટ નં.૭, વીજા માથે, ગુ.રા. ગાંધીનગર.
 - (૧૦) જીલ્લા સરકારી લેકલિશ્રી, સેકન્ડ ઓફીસ, રાજકોટ.
 - (૧૧) ટેલિગ્રાફી, ઇલેક્ટ્રોનિક પોસ્ટ, રાજકોટ. (સિદ્ધિ જાહેર ન માં પ્રસિધ્ધ કરવા માટે).
 - (૧૨) મહત્વનીશ પોલીસ ઇન્સિસરશ્રી, પૂર્વ/ પશ્ચિમ વિભાગ, રાજકોટ શહેર.
 - (૧૩) આર્થ. ઇન્સિસરશ્રી (ઈ.એ.સી.), રાજકોટ સિટિયન, રાજકોટ.
 - (૧૪) આચાર્ય પોલીસ અધિકારીશ્રી, પો. ઇન્સિસરશ્રી, રાજકોટ શહેર, ગાંધીનગર પો.એ.
 - (૧૫) તમામ પો.સે. ઇન્સિસરશ્રીઓ રાજકોટ શહેર (નકલ યોગ્ય પ્રસિધ્ધી દ્વારા જાહેરાત કરવામાં આવશે).
 - (૧૬) તમામ જનકેન્દ્ર તથા શાખા ઇન્સિસરશ્રીઓ, રાજકોટ શહેર.
 - (૧૭) ઇન્ડિયન ઇન્સિસરશ્રી, રાજકોટ શહેર (નકલ નકલ) વર્તમાનપત્રોને આપવી.
 - (૧૮) ટેલિગ્રાફી ઇન્સિસરશ્રી, ... તમામ ખાનગી સંસ્થાઓને અવગત કરવામાં આવશે.
- નકલ સંપન્ન કરવાને
- (૧) રજીસ્ટ્રારશ્રી, રાજકોટ, ગુ.રા. સેલેક્ટેડ અમદાવાદ.
 - (૨) રજીસ્ટ્રારશ્રી, ડિસ્ટ્રિક્ટ એન્ડ સેશન્સ કોર્ટ, રાજકોટ.
 - (૩) રજીસ્ટ્રારશ્રી, સીડી જન્યુડીશિયલ મેજિસ્ટ્રેટ કોર્ટ, રાજકોટ.
 - (૪) રજીસ્ટ્રારશ્રી, મેટ્રોપોલીટન સેશન્સ કોર્ટ, રાજકોટ.
 - (૫) એક્ઝીક્યુટીવ મેજિસ્ટ્રેટશ્રી, રાજકોટ શહેર.
 - (૬) એક્ઝીક્યુટીવ મેજિસ્ટ્રેટશ્રી, રાજકોટ તાલુકા.
 - (૭) સચૂકત માહિતી નિયામકશ્રી, રાજકોટ.
- (સ્થાનીક વર્તમાનપત્રો, આકાશવાણી તથા દુરદૂરજન કેન્દ્રમાં પ્રસિધ્ધ કરવા અને વર્તમાનપત્રોની પ્રાપ્તિથી જોડાવવા માટે)

૨૦/૧

Note: The Declaration submitted earlier to this office will not be considered as such a fresh Declaration shall have to be done as on the milestone dates of this tender document

**(Declaration To be submitted on Non-Judicial Stamp Paper of Rs.300/-)
DECLARATION**

I / We hereby declare that I/ We am/ are not partner(s) black listed / Terminated / Debarred or connected with firm black listed in any States, CPWD / MES / Railways or any Government, Semi-Government, Autonomous Body or Private body. Also, no complaint is lodged against the Firm / Company.

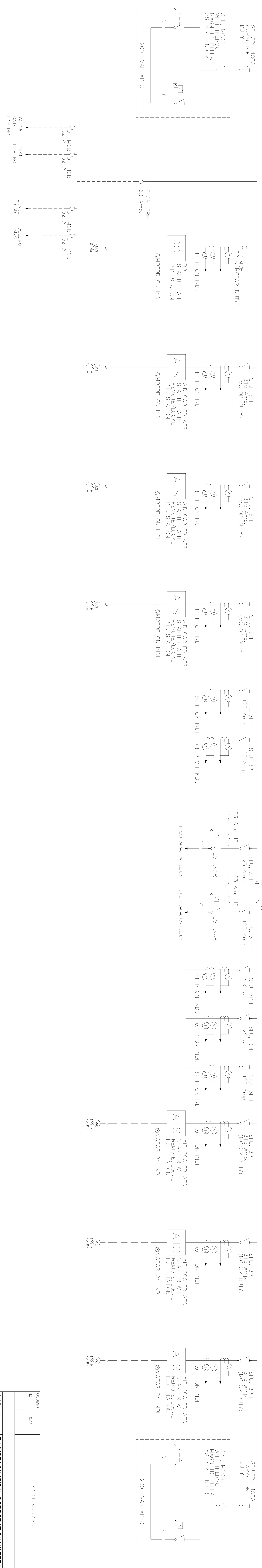
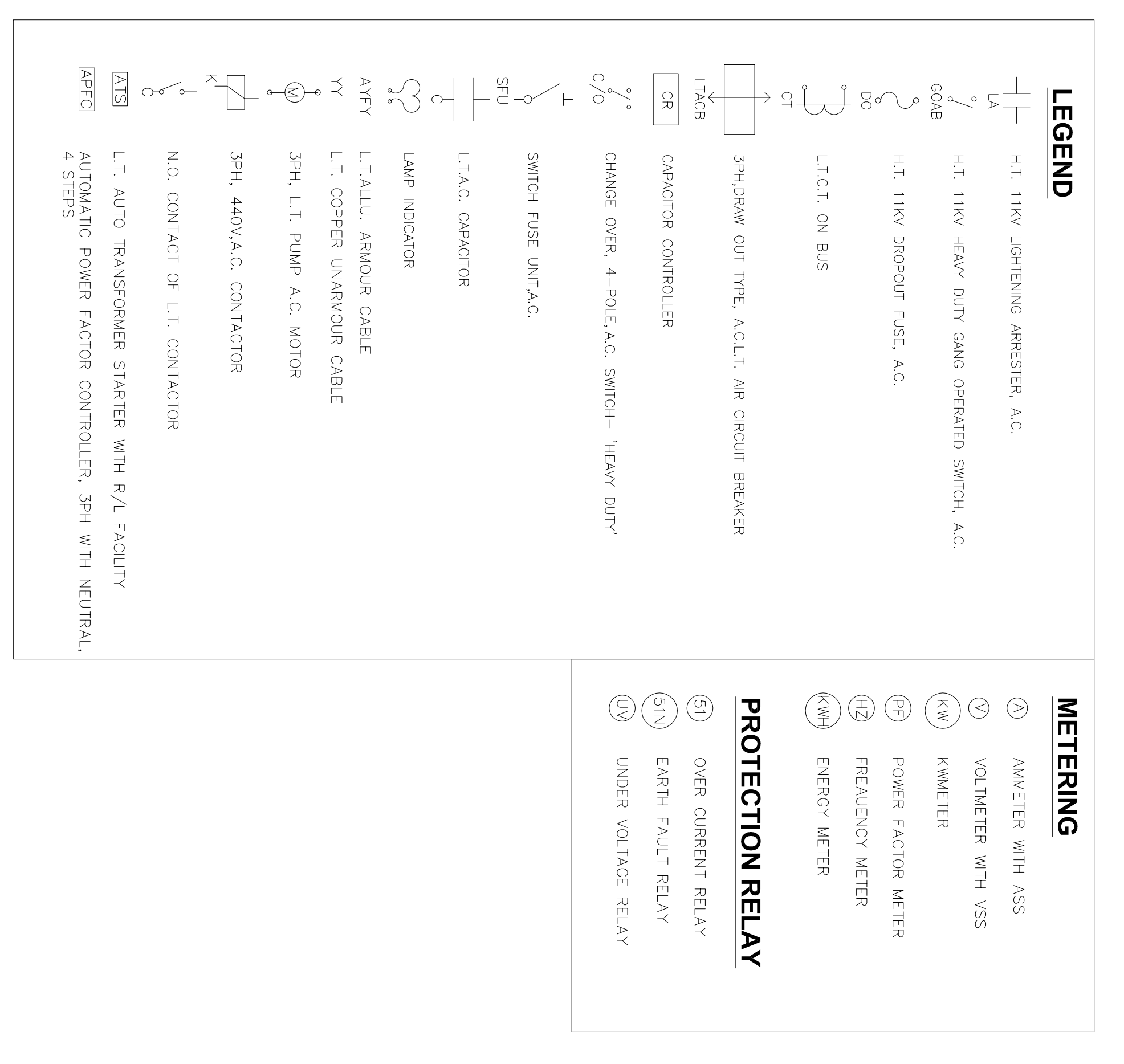
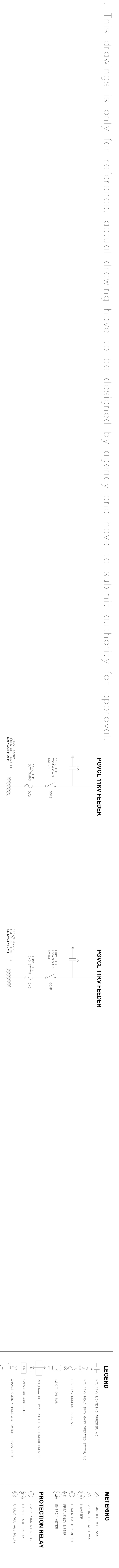
At present I / We am/are registered as approved contractor(s), firms in _____ State, CPWD/MES/Railways.

We, the partners/ owners of this firm, hereby give an undertaking that we are jointly and severally responsible to meet all the liabilities ever and above the business of this firm and make good the above financial loss sustained by the Rajkot Municipal Corporation as a result of our abandoning the works entrusted to us.

Date:

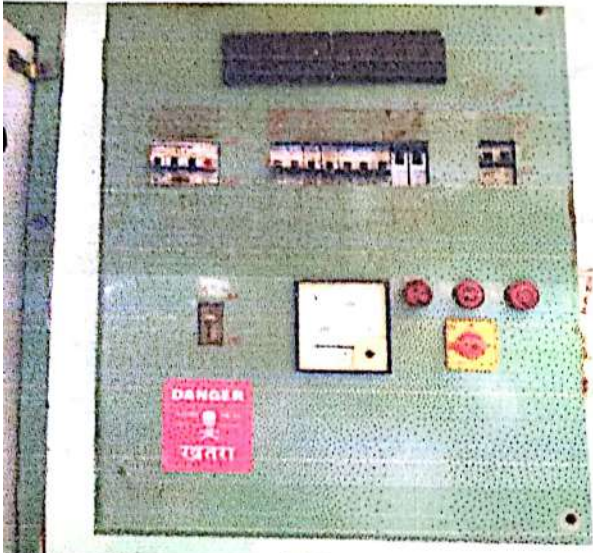
Seal and Signature of the Bidder

1. This drawings is only for reference, actual drawing have to be designed by agency and have to submit authority for approval.



REFERENCE DRAWING

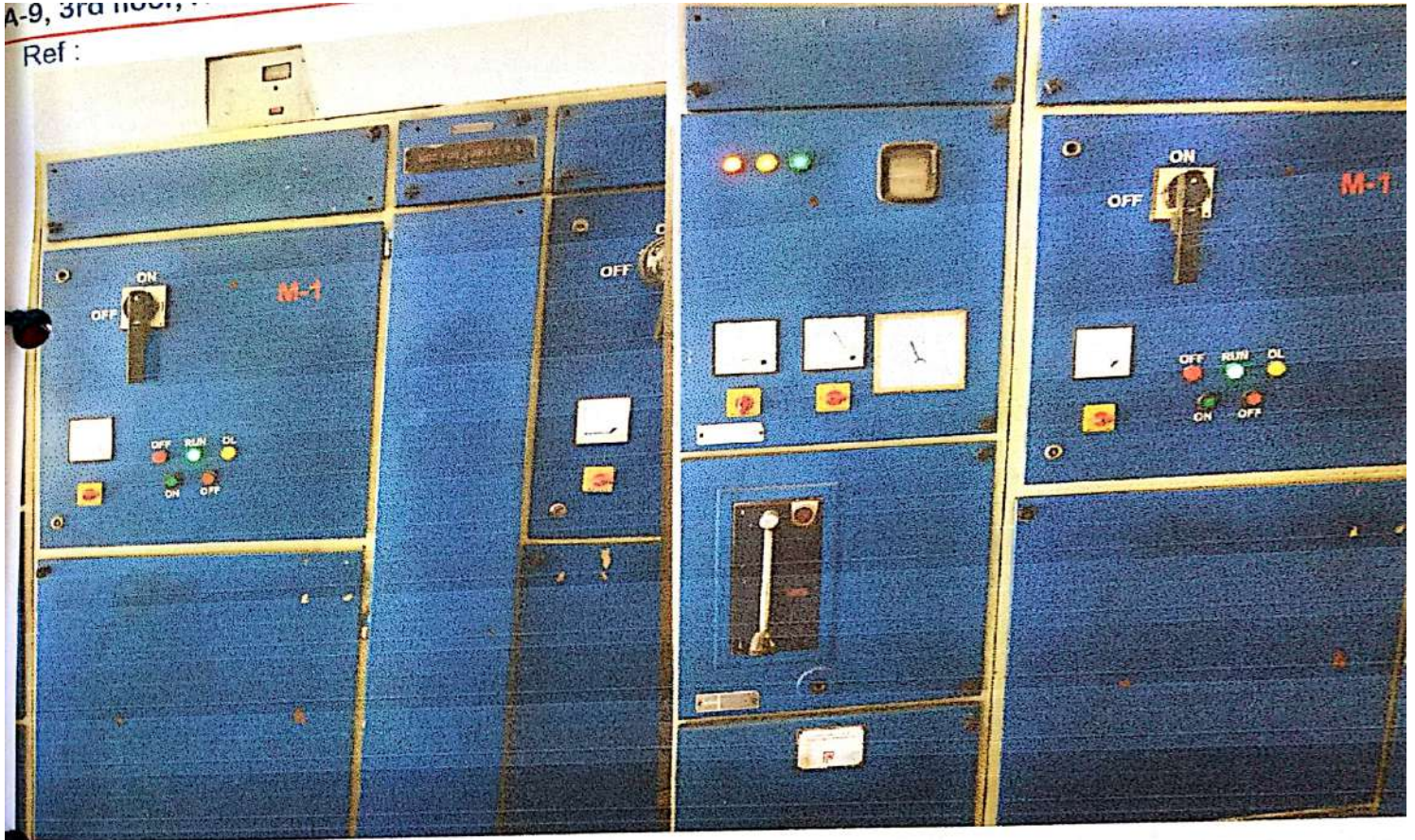
PROJECT NO.	21-22	RAJKOT MUNICIPAL CORPORATION WATER WORKS DEPARTMENT
DESIGN :	AT - RAJKOT	Jubilee Pumping Station
DRAWN :		
CHECK :		
DATE :		415V L.T. MAIN PANEL SINGLE LINE DIAGRAM FOR JUBILEE PUMPING STATION
DWG. NO. :	REV.	
DATE	PARTICULARS	OKD





A-9, 3rd floor,

Ref :



ANKANTA 4. 8



Ref :

Date :12/06/20

