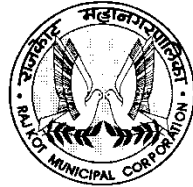


RAJKOT MUNICIPAL CORPORATION

Water Works Department

Price 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 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, 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 contractors 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 29/09/2021 up to 18:00 Hrs
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- ❖ 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 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**

RAJKOT MUNICIPAL CORPORATION
Water Works Branch

PREAMBLE TO PRICE SCHEDULE

General terms, condition and detail of works:

1. EMD, Tender fees and documents should be sent by Speed Post or Reg. A.D. to **The Dy. Executive Engineer (Ele.) Room No.-6, Bhadar cell (Water Works) Branch, Central Zone Office, Dr. Ambedkar Bhavan, Dhebarbhai Road, Rajkot Municipal Corporation, Rajkot- 360 001** on or before the prescribed date and time mentioned in the milestone dates for e-Tendering.
2. No joint venture is permitted.
3. Conditional tender will not be accepted and no advance payment against the tender will be made by department.
4. The rate should be clearly quoted in figure and words in online price bid only. The rates quoted in any other manner will not be acceptable.
If there is discrepancy between the rates quoted in figures and in words, the rates expressed in words shall be considered as binding.
5. The rate should be inclusive of all taxes & duties i.e. GST, and transportation charges etc.
6. Tender should be submitted along with relevant documents asked in tender and duly signed on every page of tender. Tender without any document will liable to reject.
7. Time for completion of job is **90 Days** from the date of work order. All erection, installation, testing and commissioning of this work should be completed in **90 Days**. In case of late handing over, penalty will be imposed on tenderer as per RMC rules.
8. The guarantee period should be 24 month from the date of commissioning/handing over of MCC Panel with accessories to RMC.
9. Tender should be completely filled in all respects, incomplete tenders are liable to reject.
10. Inspection: RMC will depute the representative of technical person (Elect.) of Rajkot Municipal Corporation for inspection and load trial at manufacturer site. After successful inspection Contractor should inform RMC before dispatch of material. The bidder should arrange for the inspection at his own cost.
11. The Teneder will be treated as non responsive if Tender in the Name of firm who is Black Listed / Terminated / Debarred anywhere in India any Govt / Semi Govt dept.
12. : Payment will be made in following sequence:
 - 60% after supply of equipment at site in good condition.
 - 30% after erection, testing and commissioning.
 - 10% after trial period of 15 days.
13. Penalty: for late completion of work, penalty will be imposed form min.0.1% to 10% as per RMC rules.
14. Successful bidder shall have to enter in to an agreement as per RMC rules and will have to pay Security Deposit @5% of contract value or tender amount which will be higher in form of FDR or Bank Guaranty as per Prevailing norms in favor of RMC, with a period of **27 months**.
15. The contractor shall have to arrange at the time of SITC all tools and tackles, consumable like; cotton Waste, etc, and man power. No tools and man power will be provided by RMC.

16. Extension of Delay: If work is delayed by force majeure like act of God, Serious loss or Damage by fire, Strike, Bandh, curfew, Rally, Heavy rain, flood, cyclone, earth quake or any natural calamities occurs, or any other cause which is beyond the control of contractor. In such case, Municipal Commissioner will decide sympathetically to waive penalty.
17. Municipal Commissioner, Rajkot Municipal Corporation, reserves the right to Accept or reject any or all the tender(s) without assigning any reason thereof.
18. Technical Bid will be opened on the prescribed date and time (if possible) in c/o Add. City Engineer (Water Works) Project, Central Zone, Water Works Branch, near S.T. Stand, Rajkot Municipal Corporation, Rajkot.
19. Rajkot Municipal Corporation will deploy own engineers who will inspect all the material at factory anywhere in India and will also supervise erection, testing and commissioning of the plant.
20. Every document, each page of tender and copy of commissioner's order , Bank circular & Arbitration circular must be stamp and duly signed.
21. All the drawings should be provided and Control and Power Circuit Diagram of all panels should be provided with Manuals (in soft copy & Hard copy both) and also take approval of Rajkot Municipal Corporation.
22. If any necessary technical change required by competent authority in drawing, tenderer will do that immediately and no any extra payment will be paid for the same.
23. For any legal matter only Rajkot jurisdiction will be considered.
24. If any necessary extra material or extra work will be need to done which is not including in Tender/BOQ, then payment will be paid as per RMC / Government SOR. No tax or any + or – rate of tender apply for this.
25. Tenderer should visit site for Installation before quote the tender.
26. Bidder must quote their prices including work of old panel removal and new terminals (i.e. Lugs), laying cables, cable connection, all labour charges as per requirement or instruction of engineer in charge. No any extra amount will be paid.

A.A.E
Water Works
Rajkot Municipal Corporation

Dy. Executive Engineer
Water Works
Rajkot Municipal Corporation

Add. City Engineer
Water Works
Rajkot Municipal Corporation

Stamp & Signature of Contractor

**Rajkot Municipal Corporation
Water Works Branch**

PRICE BID

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

Sr. No.	Location	Estimated Cost in Rs.
1.	Supply, Installation, Testing and Commissioning of MCC & APFC panel With Buy Back Arrangement at Jubilee pumping station of RMC.	29,21,800/-

I/We agree to carry out the above work at % Equal/Above/Below (Only Online submission) the estimated cost.

Note: Prices to be quoted ON LINE ONLY. (Inclusive of all Taxes)

BOQ & RATES WITH COST SUMMARY

Sr. No.	Description	Qty.	Total Amount
1	<p>MCC PANEL: S.I.T.C of LV MCC Panel totally enclosed, dust & bermin proof, indoor type, minimum degree of protection - IP 52 as per IS: 2147, operation on 3-Phase, 4 Wire, 415V, 50Hz, Neutral effectively grounded, with instrumentation compartments accommodating LED type indicating lamps, control contactors as per IS: 13947, CT of accuracy class-I as per IS: 2705, relays, meters & control MCBs, air insulated electrolytic grade Copper busbar for three phase & neutral system with microprocessor based Air Circuit Breakers (electrically operated drawout type), current limiting type as per IS: 8828, Motor Contractor (as per type-2 coordination), Overload Relay with built-in single phasing prevention feature & auxiliary feeders as per SLD drawings, momentary contact type push buttons, equipment fittings, busbars, cable boxes, cable gland, incoming & outgoing cable connection for 1100V grade, Aluminium/ Copper conductor XLPE/ PVC insulated & PVC sheathed armoured cable, 10% spare terminals, power wiring using 1100V grade, FRLS insulated copper conductor wires conforming to IS: 694 & 8130, cable compartments/ alleys of minimum 300 mm size, GI earth bus bar for entire length. MCC shall be fabricated from cold rolled, coled annealed (CRCA) sheet steel & minimum thickness of various members shall be as follows: Base Frame/ Channel/ Gland Plate - 3 mm, Load Bearing Members/ Doors - 2 mm and Internal Partitions - 1.6 mm. This MCC Panel Consists-</p> <p>(A)PGVCL incoming breaker and DG incoming Breaker with 1250A, 4 Pole, ACB MDO Type with Microprocessor release (O/C, S/C & E/F) having breaking capacity Icu of 50kA at 415V with 6NO+6NC potential free auxiliary contacts, secondary isolating contacts with all necessary Electro Mechanical protections & interlocks etc. (1250A- Nos 4)</p> <p>(B) 75 kw/100 HP Auto Transformer Starter, Main Contactor of minimum amp rating 250Amp , 315 Amp SFU, Thermal and Microprocessor base Relay, cast resin type CT, Digital MFM, Digital Ammeter (6 Nos)</p> <p>(C) 50 KVAR Heavy Duty Box type Capacitor for Transformer, Contactor and SFU switch (Each having capacity of 25 KVAR, Total-02)</p> <p>(D) 400A FSU Switch With Fuse (3Nos.)</p> <p>(E) 125A FSU Switch With Fuse (4Nos.)</p> <p>(F) 5HP DOL Starter (1Nos.)</p> <p>(G) 63 A 4 pole ELCB (1Nos.)</p> <p>(H) 32 DP MCB (4 Nos.)</p> <p>(F) MS box with Local/Remote push button Nos.5 (AM Meter,Start,Stop Push button)</p>	Set	2304222.00

2	<p>200 KVAR APFC PANEL: Supply, Installation, testing & commissioning LV 200 KVAR APFC Panel consisting of required capacitor banks for continuous duty to improve P.F. 0.85 to 0.99 in required steps enclosed in dust & vermin proof compartment, indoor type, fabricated from CRCA sheet steel with minimum thickness of 3 mm for base frame / channel/ gland plates, 2.0 mm for load bearing members/ doors & 1.6 mm for internal partitions, minimum degree of protection – IP 42, busbar chamber, required size of Copper bus bar/ terminals, minimum 12 stage APFC relay, metering, indicating lamps, push buttons, with detuned reactor complete as per IS: 16636-2017 with latest amendment. 200 KVAR APFC panel consisting following items.</p> <p>a) 400 A, 50 kA for 1sec. TP, TM based MCCB with spreader terminals & rotary handle</p> <p>b) 0-400 A range digital ammeter of 96 x 96 mm size with selector switch</p> <p>c) 3nos. 400 / 5A, 10 VA CL-1.0 cast resin type current transformer</p> <p>d) One size higher than rating of MCCB & Contractors for each capacitor bank</p> <p>e) Suitable rating APP type capacitor banks (vacuum impregnated with non-PCB / non toxic oil, internally delta connected with built in internal fuses complete with discharge resistances & terminal cover) of approved make in required steps with well suited detuned reactor is placed in series with each capacitor step. (e.g., 200 KVAR capacity will be provided in steps of 3 nos x 10 KVAR, 2 nos x 15 KVAR, 2 nos x 20 KVAR & 4 nos x 25 KVAR)</p>	2 Nos.	501678.00
3	<p>Electrical spares Supply (1) 315 A FSU Switch With Fuse 2 Nos. (2) Thermal Relay 2 Nos. (3) Micro processor base Relay 2 Nos. (4) Only for ATS Each size Contactor of 2 Nos. (Total -06 Nos) (5) Battery operated Magger 1 Nos.(6) Mecro make Digital Clip on meter 1 Nos. (7) Fire extigusar 2 Nos 5 k.g. (8) Digital Malti meter 1 Nos</p>	Set	180900.00
4	<p>Chemical bore earthing Nos -2 IS ; 3040 (1987) Length of electrode 3 Meter , Diameter 70-80 mm , Back filing compound 50 kg., Earth pit rcc Earth pit with cover, and required G.I. Earthing stree</p>	2 Nos	20000.00
4	<p>disconnecting of All the cable of ACB/Change over switch/ Motor Feeder Output power and control cable and others cable and then Dismantling old panel and SITC of new panel with all necessary cable connection (I.e cable glan, lugs, and other accessories</p>	Job	100000.00
Total Amount-A			3106800.00
Total Buyback value-B			185000.00
Total Tender Amount –(A-B)			2921800.00

**Existing Old Materials
Buy Back Items**

SR. NO.	DESCRIPTION	AMOUNT
1.	1. LT Panel Board with ACB 800AMP with busbar Star-Delta Starter -2 Nos. 2. LT Panel Board 800Amp MCCB with busbar and 175 HP ATS Starter penal -03 NOS, 3. 100 KVAR APFC Panel 1 Nos. 4. Lighting Distribution Panel 2 Nos.	1,85,000/-
TOTAL		1,85,000/-

A.A.E
Water Works
Rajkot Municipal Corporation

Dy. Executive Engineer
Water Works
Rajkot Municipal Corporation

Add. City Engineer
Water Works
Rajkot Municipal Corporation