Sub :- SETC of G.I. Feeder Piller Box for street light system with buyback of old M.S. feeder pillar box in South East Zone (Limbayat).

Dear Sir,

Sealed quotation duly super scribed and returnable on or before Dt: 16-09-2023 to the office of the undersigned is invited for carry out the following.

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Per</th>
<th>SUPPLY RATE/ NOS.</th>
<th>LABOUR RATE/ NOS.</th>
<th>TOTAL RATE/ NOS.</th>
<th>TOTAL AMOUNT (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>S.E.T.C. OF 1 PHASE GI FEEDER PILLAR AS PER SPECIFICATION MENTIONED BELOW</td>
<td>10</td>
<td>Nos.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>S.E.T.C. OF 3 PHASE GI FEEDER PILLAR AS PER SPECIFICATION MENTIONED BELOW</td>
<td>05</td>
<td>Nos.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Less: Buyback value of old 1 PHASE feeder pillar.</td>
<td>10</td>
<td>Nos.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Less: Buyback value of old 3 PHASE feeder pillar.</td>
<td>05</td>
<td>Nos.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Amount Rs. (1+2-3-4) (Excluding GST)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Specifications**

* Feeder pillar should be made with GI sheet of 1.6mm thickness with circular laser cut holes of dia. 10mm on sheet and space of about 3mm should be kept between two consecutive holes as shown bellow.

![Diagram showing feeder pillar with 10mm and 3mm spacing between holes]

* Hole diameter and spacing between holes should be such as to facilitate natural light entry in panel to avoid nuisance feeder switching in natural light switch (NS) Mode of operation.
* Feeder pillar must not be made with wire mesh.

* Laser cut holes must be provide on front side, left side and right side of the panel where as solid sheet should be provided on backside at panel.

* Left side, Back side and right side must be made up of single sheet. No any joint allowed between these three sides.

* Dimension of feeder pillar box is shown in figure 1 and 2. In case of any difficulty in understanding of drawing, please contact light department, South East Zone, SMC.

* Feeder pillar will be majorly divided in four sections as shown in figure 1.

* Compartment consisting of busbar and MCBs shall be have minimum IP54 Protection standards.

* Front door must have double lock arrangement with Alen key and lock

* All Welding Joint must be proper and smooth finished.

* It is mandatory to make one sample box of feeder pillar and get it factory inspected through representatives of contractor at his own cost, moreover, the officials can visit factory anytime for quality check. In this regard, the contractor cannot make any argument.

* In case, contractor find necessary to make increase in dimension of feeder pillar then he/she shall be informing the engineer in charge in writing. Decision of Engineer-in-charge will be final and binding to contractor. In such case, no extra payment will be made by SMC.

* All internal Parts like meter box, CCMS, Switchgears must be mounted on appropriate channel patti.

* Internal wiring of any component will do only with Copper Lugs and Copper Lead Wire. Power wiring shall be made with minimum 6 sq mm thick copper wire where as control wiring shall be made with minimum 2.5 sq mm thick copper wire. Appropriate size lugs must be installed for wiring and all wiring must be enclosed in appropriate size panel trucking Patti.

* Length of leg of panel shall be 700 mm, out of this 200 mm is buried in foundation as shown in drawing. Bottom of leg mist be grooved and make it in V shape.

* Foundation of size (W*D*H) of 1000mm * 500mm * 700mm must be made with cement concreate of ratio of 1:1.5:3 out of its height 500 mm shall be buried in ground and 200 mm shall be above ground. Foundation shall be well finished and curing of foundation must be done by contractor. Foundation must be white washed properly.

* 2 Pipe type Earthing of 1.5 mtr B class G.I. pipe with necessary charcoal and salt must be done For feeder pillar.

* Feeder pillar must be Powder coated with 7 tank process of powder coating and colour of Shade will be decided by engineer in charge.
All the compartment of feeder pillar must have 12 mm Hylum sheet on back side and all the components must be mounted on it.

Box is provided with two Earthing Bolts.

**POWER FLOW :-** Energy Meter > T.B. > RCCB > BYPASS MCB > MCCB > T.B. > CCMS > SINGLE POLE MCB > BUSBAR > OUTGOING CIRCUIT.

All compartment have a G.I. sheet partition as shown in figure (2).

**FEEDER PILLE CONSIST FOLLOWING COMPONENTS:**

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Item Description</th>
<th>Make</th>
<th>Quantity in 3 Phase</th>
<th>Quantity in 1 phase</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FP MCCB 40 AMP</td>
<td>L&amp;T, schneider, Havells, ABB</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>FP RCCB 40 AMP 30ma</td>
<td>L&amp;T, schneider, Havells, ABB</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>FP MCB 40 AMP</td>
<td>L&amp;T, schneider, Havells, ABB</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>DP MCCB 40 AMP</td>
<td>L&amp;T, schneider, Havells, ABB</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>DP RCCB 40 AMP 30ma</td>
<td>L&amp;T, schneider, Havells, ABB</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>DP MCB 40 AMP</td>
<td>L&amp;T, schneider, Havells, ABB</td>
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<td></td>
</tr>
<tr>
<td>7</td>
<td>SP MCB 16 AMP</td>
<td>L&amp;T, schneider, Havells, ABB</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>T.B. 63 AMP</td>
<td>Any ISI</td>
<td>12</td>
<td>12</td>
</tr>
</tbody>
</table>

**Terms / Conditions of Quotation**

- The rates quoted shall be inclusive of transportation and fitting charges of the equipment, testing charges and all other charges.
- The sealed quotation should have clearly mentioned the name of the work on the cover.
- **Commissioning Period:** 60 days from the date of the work order.(Excluding drawing and panel approval period)
- **Validity of Quotation:** 45 Days
- **Payment condition:** Payment shall be made within 30 days after satisfactory Completion of the work.

- S/D -
  Executive Engineer
  South East Zone
  Surat Municipal Corporation

Seal & Signature of Supplier

OPP. VATIKA TOWNSHIP, DUMBHAL, SURAT PH.NO.2331903/904
E-mail - exen.sez@suratmunicipal.org  Mo.No.9925012678
ALL DIMENSIONS ARE IN MM.

ALL CHANNELS ARE HOT DIPPED GALVANIZED WITH MINIMUM THICKNESS OF 65 MICRON, HAVE A DIMENSION OF 40MM WIDE AND 5 MM THICK.

ALL SHEETS (EITHER LASER CUTTED OR NOT) ARE MADE UP OF G.I. SHEET HAVING 1.6MM THICKNESS.

Seal & Signature of Supplier
ALL DIMENSIONS ARE IN MM.

AS SHOWN ABOVE, FEEDER WILL HAVE A FOUR COMPARTMENTS

AS SHOWN IN FIGURE PARTITION WALL MADE UP OF G.I. SHEET OF 1.6MM.

ALL SHEETS (EITHER LASER CUTTED OR NOT) ARE MADE UP OF G.I. SHEET HAVING 1.6 MM THICKNESS.

IN BUSBAR COMPARTMENT SOLIDALUMINIUM BUSBARS HAVING SIZE OF 300MM*25MM*5MM. ALL BUSBARS ARE ARRANGED IN STAGGERD WAY TO FACILITATE PROPER TERMINATION

ALL BUSBARS ARE SLEEVED WITH RYB SLEEVES AND HAVE A 4 HALL WITH NUT BOLTS OF APPROPRIATE SIZE FOR TERMINATION OF CABLE LUGS.

Seal & Signature of Supplier
GENERAL TERMS & CONDITIONS

1. Rates quoted are including of all taxes/duties, packing/forwarding, transportation, freight, watch & ward, insurance, construction cess etc and Excluding of GST.

2. Price variation clause of any form shall not be accepted. Price shall remain firm for one year from the date of workorder.

3. No correction, overwriting erasures in filling Quotation papers shall be considered unless countersigned.

4. In case of any misunderstanding due to interpretation of any terms, conditions or specifications the decision of Executive Engineer, South East Zone, Surat Municipal Corporation, Surat shall be final and binding on the part of contractor.

5. Bidder are advised to visit site and understand quotation thoroughly before quoting rates.

6. Contractor has to follow all the rules and regulations of safety.

7. The contract shall be constituted according to and subject to laws in India and State of Gujarat and under the jurisdiction of courts of Gujarat at Surat only.

8. Contractor must have to keep & maintain all the necessary tools & equipment for safety as per government rules.

9. All equipment/material/accessories are to be supplied by contractor. No transportation will be provided by the Corporation.

10. Any damage to material during transportation shall be to contractor's account.

11. Quotation documents are not transferable.

12. Corporation will not defray expenses incurred by tenderer in tendering.

13. Conditional Quotation shall not be accepted.

14. INSURANCE:-

Contractor shall be responsible, at his own expenses for confirming to and complying with all existing laws and regulations to protect his personnel against job connected accidents and third party claim against property damage as well as for the death and injury arising out of any action on the part of the contractor personnel while engaged in the performance of duties in connection with the contract. The contractor shall furnish the corporation with documentation certifying that he has procured and Maintenance coverage to this extent as follows:

I. Workman's Compensation Insurance (Including) occupational disease covering the contractor's personnel engaged on the project/job.

II. General liability insurance (including contractual) for third party injuries, including accidental death to any person and property damage.
The documentation to be furnished to the Surat Municipal Corporation within 10 days of signing of the contract. Contractor will be responsible for insurance cover of his personnel and corporation will have no liability whatsoever on this account.

15. **CONTRACT LABOUR (Regulation & Abolition) Act – 1970:-**

As per the labour act 1970, you are requested to take the labour license from the concern Government authority. If you will start the work without the labour license, you will only be held responsible for any situation arising than after. You are entirely responsible for labour regulations as per prevailing labour laws & other statutory requirement like provident fund, gratuity, child labour etc.

16. **TERMINATION FOR UNSATISFACTORY PERFORMANCE: -**

If the corporation considers that the performance of the contractor is unsatisfactory or not up to the expected standard, the corporation shall notify the contractor in writing and specify in detail the cause of dissatisfaction. The corporation shall have the option to apply reasonable penalty and recovery OR to handover this work to other agencies at the cost and risk of the contractor and terminate this contract if the contractor fails to comply with the requisition contained in the said written notice issued by the corporation to the contractor within 10 (Ten) days of the receipt thereof.

17. Right to accept any or to reject any or all Quotations without assigning any reason there of is reserved by the competent authority of corporation.

18. Any other details if required, please contact Assistant Engineer (Ele.), South East Zone for further information. No dispute at a later date shall be entertained.

19. The competent authority of Surat Municipal Corporation reserves the right to reduce the scope of work and split the tender in two parts or more without assigning any reason even after award of contract.

20. The work shall be carried out during working days between 8.30 A.M. to 6.00 P.M. only. If the Contractor intends to work on Holidays or Outside working hours specified, he shall take prior written permission from Engineer-in-charge.

21. It will not be possible to provide any housing accommodation at site to the erection staff of the Quotation. Further labors, welding sets and sundry materials like cotton/chindi waste, tools, spanners, packing etc. required for the erection shall not be supplied by the Corporation.

22. The contractor should give their rates on SURAT SITE delivery basis i.e. the rates offered must include packing forwarding, insurance, and transportation up to the sites, including loading/unloading, Watch & Ward etc. The rate should also include sales tax, works contract tax, labor tax, excise duty & any other taxes/levies, construction CESS & Excluding GST.

23. It should be clearly mentioned in the Quotation regarding the prices, exact delivery period, percentage of taxes/duties included and other terms of business. The Corporation shall not supply any sales-tax declaration form. The exact percentage of taxes/duties included should be specified.
24. SMC reserves the right to purchase the materials only as per its minimum and urgent requirement out of the materials mentioned in the price list.

25. Contractor has to cart, load & unload the machine from the site for which order is given.

26. Care should be taken that Panel is not damaged during, carting, erection, testing etc.; Otherwise, the same shall be repaired and set right by the contractor Without Any Extra Cost to the Municipal Corporation.

27. Items which are not mentioned here but necessary for satisfactory commission of panel will be in contractor’s scope. No any additional payment should be done for any such items by SMC.

28. Any dispute arising out of the contract shall be subjected to "SURAT JURISDICTION."

29. Acceptance of Quotation will rest with competent authority who does not bind himself to accept the lowest Quotation and reserves the right to split the work among Tenderer, reject any or all Quotations and no reasons will be given for acceptance or rejection thereof. The tenders whose Quotation is accepted should enter into regular contract agreement and abides by all rules and regulations embodied in the Quotation.

30. Work shall be completed within 60 days from the date of work order, time period for panel approval will be excluded in said time limit. penalty @ 0.2% of the total amount of pending work/unexecuted items per day maximum up to 10% will be recovered beyond time limit mentioned. On the Base of joint survey carried out, the expenditure for making the system healthy will be recovered from old contractor.

THE FOLLOWING MUST BE CONSIDERED:

1. The Corporation shall not be responsible for any accident or damage done to the workman/ staff of the Contractor.

2. No facilities will be given to the contractor at work-site by SMC in any type or in any manner.

3. The contractor has to carry out the work with his own tools/tackles/equipment/instruments/ladders etc.

4. Material/equipment storage facility at work-site will not be provided by SMC to the contractor.

5. It is presumed that; the Quotation has seen the work-site and the nature of work before quoting the rates into the Quotation.

6. The price quoted in the tender shall be inclusive of all types of taxes, levies, duties, transportation, labour, C.C. etc & Excluding GST.

7. In case of any dispute arising out of this Quotation work, the decision of Executive Engineer, SEZ, SMC will be final and will be accepted to the contractor.

8. In the event of the Quotation being submitted by a partnership firm it must be signed separately by all partners with their latest photographs duly signed thereof. The partnership deed must also be attached with the Quotation.
9. The bidder(s) shall have to attach sales tax certificates with residential address evidences. (If applicable)

10. Further the contractors for services are required to produce the certified copies of paid challans in respect of employees/workers employed by said contractors in respect of work allotted by Surat Municipal Corporation, along with copies of Pay Roll and Muster Roll. If the same are not produced, the bill will not be released.

11. The competent authority of Surat Municipal Corporation reserves the right to reduce the scope of work and split the tender in two parts or more without assigning any reason even after award of contract.

12. Successful bidder has to submit security deposit of 2.0% of Work order Amount in cash/pay order of any Nationalized Bank of Surat Branch only within 10 days from the date of the work order. After 10 days, penalty of 0.065% per day of the amount of security deposit will be levied as per the Quotation conditions. If security deposit will be paid by pay order, it should be in the name of "Commissioner, Surat Municipal Corporation" only.

13. The successful Contractor shall also be required to enter into contract agreement along with undertaking and local surety on Gujarat Stamp Paper purchased from Surat worth Rs. 900.00 (i.e. Rs. 300.00 + 300.00+300.00 for each) (To be brought by the Contractor) on getting the order.

14. In case of failure of internal components of feeder or wiring up to one year, contractor shall be complete it within 02 days from the date of oral/written intimation from the light Department, contractor has to replace that component without any extra cost.

Seal & Signature of the contractor