

RAJKOT MUNICIPAL CORPORATION

Drainage Project

RMC/Drainage/Project (mech)/SJMMSVY/22-23

PRICE BID



SUPPLY, ERECTION, TESTING AND COMMISSIONING OF SCADA SYSTEM FOR SEWAGE WATER AUDIT FOR RAJKOT MUNICIPAL CORPORATION INCLUDING 2 YEARS ANNUAL COMPREHENSIVE OPERATION AND MAINTENANCE. .(Excluding 1 (one) Year Guarantee/Warranty Period)

Milestone dates for e-tendering is as under	
1. Downloading of e-Tender documents	Dt.19.05.2022 to Dt.07.06.2022 up to 18 : 00 hrs.
2. Pre-Bid Queries by E-Mail	Bidders shall have to post their queries if any on e mail " hpparmar@rmc.gov.in " on or before Date:26.05.2022 , 18:00 hrs.
3. Online submission of e – Tender	Dt.07.06.2022 up to 18 : 00 hrs.
4. Physical submission of EMD, e-Tender fee and other documents.	Dt.13.06.2022 up to 18:00 hrs.
5. Verification of submitted documents (EMD, e - Tender fee, etc.)	Dt.14.06.2022, 11:00 Onward
6. Opening of online tender(technical bid)	Dt.14.06.2022, 11:00 Onward
7. Opening of Price Bid (if possible)	Dt.16.06.2022, 11:00 Onward
9. Bid Validity	180 days.
For further details, pre-qualification criteria etc. visit www.nprocure.com or www.rmc.gov.in	

**Add City Engineer (Drainage Project)
Rajkot Municipal Corporation
Room No – 3, West Zone
Shree Harisinhji Gohil Bhavan
150' Ring Road, Rajkot - 360 005**

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OPERATION & MAINTENANCE
CONTRACT

SCHEDULE - 1 :- Annual & Comprehensive
Operation Maintenance Contract

BID FORM (WITH PRICE)

CONTRACT No:RMC/Drainage/Project (mech)/SJMMSVY/22-23

Bidders are required to fill up all blank spaces in this Bid Form

The Municipal Commisioner
Rajkot Municipal Corporation
Dr. Ambedkar Bhavan
Dhebar Road
Rajkot

Dear Sir,

SUB : SUPPLY, ERECTION, TESTING AND COMMISSIONING OF SCADA SYSTEM FOR SEWAGE WATER AUDIT FOR RAJKOT MUNICIPAL CORPORATION INCLUDING 2 YEARS ANNUAL COMPREHENSIVE OPERATION AND MAINTENANCE. .(Excluding 1 (one) Year Guarantee/Warranty Period)

Having visited the site and examined the Bid Documents, Drawings, Conditions of Contract, Specifications, Schedules, Annexures, Preamble to Price Schedules, Price Schedules etc. including Addenda/Amendments to the above, for the execution of the above Contract, we the undersigned offer to design, engineer, procure, construct, complete, commission, to maintain the whole of the said Works for three years from the date of commissioning including defects liability period as given in Conditions of Contract and in conformity with the Drawings, Conditions of Contract, Specifications, Preamble to Price Schedules, Price Schedules, Annexures, Bidding Documents, including Addenda Nos. _____ (insert numbers) for _____ % Above/Below for work of Annual Comprehensive Operation & Maintenance Contract for a period of two years **.(Excluding 1 (one) Year Guarantee/Warranty Period)** or such other sum as may be ascertained in accordance with the Conditions. **(all blank spaces are to be quoted on line only.)**

2. I / We agree that

(a) If we fail to provide required facilities to the Employer's representative or any other person/agency by the employer to perform on his behalf for carrying out the inspection and testing of materials and workmanship

or

(b) If we incorporate into the Works, materials before they are tested and approved by the Engineer's representative

3. We undertake, if our Bid is accepted, to complete and deliver the Works in accordance with the Contract within 06 (Six) months, inclusive of monsoons, from the date of receipt of Letter of Acceptance issued to us by you.

4. We agree to abide by this Bid for a period of 180 days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiry of that period.

5. In the event of our Bid being accepted, we agree to enter into a formal Contract Agreement with you incorporating the conditions of Contract thereto annexed but until such agreement is prepared this Bid together with your written acceptance thereof shall

constitute a binding Contract between us.

6. We agree, if our Bid is accepted, to furnish Performance Bond/Security in the forms and of value specified in the Conditions of Contract of a sum equivalent to 5% of the Contract price for due performance of the Contract.
7. We have independently considered the amounts of liquidated damages shown in Appendix to Bid and agree that they represent a fair estimate of the damages likely to be suffered by you in the event of the Work not being completed by us in time.
8. We understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this _____ day of _____ 2022

(Signature)

(Name of the person)

(In the capacity of)

Company Seal

(Name of firm)

Duly authorized to sign Bid for and on behalf of
(Fill in block capitals)

Witness

Signature

Name

Address

PREAMBLE TO PRICE SCHEDULES

Note on Schedule

The bid is for the Work of“ **SUPPLY, ERECTION, TESTING AND COMMISSIONING OF SCADA SYSTEM FOR SEWAGE WATER AUDIT FOR RAJKOT MUNICIPAL CORPORATION INCLUDING 2 YEARS ANNUAL COMPREHENSIVE OPERATION AND MAINTENANCE. .(Excluding 1 (one) Year Guarantee/Warranty Period)”**

2. The rates and prices shall be submitted in the formats given in the online Price Schedules-A. Rates and prices received in any other formats will be rejected and the Bids will be disqualified.
3. It will be entirely at the discretion of the Employer to accept or reject the bidder's proposal, without giving any reasons whatsoever.
4. In Price Schedule, bidder shall quote his percentage equal / above / below for items listed in the online schedule-A. Prices quoted in online Schedule-A only will be considered for price evaluation & shall form a part of the Contract Agreement.
5. Only Price Schedule-A will be considered for financial evaluation of the bid with the successful bidder.
6. The bidder shall be deemed to have allowed in his price for provision, maintenance and final removal of all temporary works of whatsoever nature required for construction including temporary bunds, dewatering, diverting water, pumping, providing civil foundation, required civil modification, rectification, finishing work etc. to complete the instrumentation works. The rates shall also be deemed to include any works and setting out that may be required to be carried out for the same.
7. Where there is a discrepancy between the unit rates and the amount entered in the price schedule the later shall govern.
8. The Price Schedules are to be read in conjunction with the Conditions of Contract, the Specifications and other sections of these bid documents and these documents are to be taken as mutually explanatory of one another.
9. Prices quoted by the bidder shall be firm for the entire period of Contract without any escalation.
10. The bidder shall interpret the data furnished and carry out any additional study, investigation or planning required to execute the work shall be at his own cost.
11. The prices quoted shall also include the cost of testing and materials utilized for testing.
12. The bidder should acquaint himself with the site conditions including the access to Worksite. The successful bidder shall have to make suitable access to worksites at his own cost. These accesses will be used by the other contractors working for RMC.

13. The contractor shall have to avail P.F & E.S.I as per the applicable laws of Government. The required documents shall have to be submitted by the contractor to the competent authority.
- 14 The prices quoted shall also include the cost of materials utilized for testing.
- 15 The bidder should acquaint himself with the site conditions including the access to Worksite. The successful bidder shall have to make suitable access to worksites at his own cost. These accesses will be used by the other contractors working for RMC.
- 16 The security of the whole system will be the responsibility of bidder during the period of Annual Comprehensive Operation & Maintenance Contract.

Contractor's Signature

**Add City Engineer
Drainage Project Department
Rajkot Municipal Corporation**

PRICE SCHEDULES

PRICE SCHEDULE - A

SCHEDULE A : QUOTED PRICES

Rajkot Municipal Corporation

SUPPLY, ERECTION, TESTING AND COMMISSIONING OF SCADA SYSTEM FOR SEWAGE WATER AUDIT FOR RAJKOT MUNICIPAL CORPORATION INCLUDING 2 YEARS ANNUAL COMPREHENSIVE OPERATION AND MAINTENANCE. .(Excluding 1 (one) Year Guarantee/Warranty Period)

:: SCHEDULE- A ::

SUMMARY OF COST ESTIMATE

(CAPITAL COST + Comprehensive O & M FOR 2 YEARS) .(Excluding 1 (one) Year Guarantee/Warranty Period)

(BOQ & RATES FOR EACH AS PER SCHEDULE - B, ATTACHED IN SEPARATE FOLDER)

Sr. No	Description	Estimated Cost of Project, in Rs. (Including all taxes and duties)		
		Capital Cost	Comprehensive O & M Cost (for two years)	Total Amount
1	SUPPLY, ERECTION, TESTING AND COMMISSIONING OF SCADA SYSTEM FOR SEWAGE WATER AUDIT FOR RAJKOT MUNICIPAL CORPORATION INCLUDING 2 YEARS ANNUAL COMPREHENSIVE OPERATION AND MAINTENANCE. .(Excluding 1 (one) Year Guarantee/Warranty Period)	1,00,76,250/-	11,09,600/-	1,11,85,850/-

I/We agree to carry out the above work at _____% (In Fig)
(_____(In words)Equal/Above/Below the estimated cost.

Note:

Contractor shall have to quote their rates in the given online Price Bid only.

Contractor's Signature

**Add City Engineer
Drainage Project Department
Rajkot Municipal Corporation**

PRICE SCHEDULE -B (BOQ & RATES FOR EACH ITEAM)

Sr.No.	Description	Quan tity	Unit	Rate	Amount	Rem arks
1	Designing, Supply ,installation , Testing and commissioning of full bore electromagnetic type flow meter at different pumping stations of drainage including necessarily transducers,instrument cables, with overall accuracy of +/- 0.5 percent for complete system with hook up of cloud based system as per requirment.					
1.1	Bramhani Hall -Kothariya pumping -300	1	Nos.	5,31,000.00	5,31,000.00	
1.2	Hanuman Mandir Kothariya pumping -600	1	Nos.	10,62,000.00	10,62,000.00	
1.3	Madhapur pumping station -300	1	Nos.	5,31,000.00	5,31,000.00	
1.4	Vavdi gate pumping station -350	1	Nos.	7,96,500.00	7,96,500.00	
1.5	Punit Nagar pumping station -300	1	Nos.	5,31,000.00	5,31,000.00	
1.6	Kothariya 15 MLD STP -input source1-300	1	Nos.	5,31,000.00	5,31,000.00	
	input source2-600	1	Nos.	10,62,000.00	10,62,000.00	
	input source3-800	1	Nos.	14,16,000.00	14,16,000.00	
1.7	Raiyadhar pumping station	0				
1.8	Raiya 51MLD STP	0				
1.9	Madhapur 80 MLD STP	0				
2	Supply, installation ,testing and commissoiong of ultrasonice level measuring system with Range :0-15 mtr (for above Sr.No1.1 to1.5)	5	Nos.	83,190.00	4,15,950.00	
3	supply, installation ,testing and commissionig of PLC panel (IEC-61131-3) with 2 gB Memory with 10 inch HMI industrial grade with UPS back up-1 hour with adeqatley sized battery with plc have minimum I/o Count of 40DI/20DO/ 16 AI (for above Sr.No.1.1 to 1.9)	9	Nos.	2,65,500.00	23,89,500.00	
4	Development of Cloud based DATA acquisition system for All above location with existing cloud based system for web base data collection and analysis & with android mobile Application (for above Sr.No.1.1 to 1.9)	1	Lot	88,500.00	88,500.00	

5	supply installation , testing and commissoinong of power cable for the various field instrument etc...Power cable 3 C x2.5 sqmm (for above Sr.No.1.1 to 1.9)	2000	Mtr	194.70	3,89,400.00	
6	Supply , installation, testing and commissiiong of signal cable for the various field instrument etc ..signal cable 1P x1.5 sqmm (for above Sr.No.1.1 to 1.9)	2000	Mtr	106.20	2,12,400.00	
7	Latest Computer System with Operating System	1	Set	1,00,000.00	1,00,000.00	
8	Laser jet A4 Size all in One MFP Printer	1	Set	20,000.00	20,000.00	
Total Cost for SITC Work including All Tax and Duties					1,00,76,250.00	
9	Comprehensive Operation and maintenance of 2 Year after 01 Year garranty/warranty Period with Defect Liability Period of 02 Years		Month	5,54,800.00	11,09,600.00	
Total Estimate for SITC Work including 02 Years Comprehensive Operation & Maintanance including All Tax and Duties					1,11,85,850.00	

Contractor's Signature

**Add City Engineer
Drainage Project Department
Rajkot Municipal Corporation**

PRICE SCHEDULE – C

PAYMENT SCHEDULE

Schedule of Payment % Break-up of payment for each component of the system during Supply, Installation, Trial Run & Commissioning.

Sr. No.	Break-Up	% of quoted Amount
1.	On supply of equipment at site	55%
2.	On erection of equipment	15%
3.	On testing and commissioning	15%
4.	After successful running of meter for 3 months	15%
	TOTAL	100 %

Schedule of Payment % Break-up of Maintenance component of 2 Years

Sr.No	Break-up	% of quoted amount of Respective Maintenance Year
1.	1 st year. (Excluding 1 (one) Year Guarantee/Warranty Period)	0%
2	2 nd year O & M.	40 %
3	3 rd Year O & M	60 %
	Total	100 %
	1. 25% after completion of 3 months 2. 25% after completion of 6 months 3. 25% after completion of 9 months 4. 25% after completion of 12 months	

Any other items not specified above but considered necessary for completion of work to the satisfaction of Engineer-in-charge and efficient operation of the system.

After commissioning the SCADA System at plant/pumping station, O & M shall be the responsibility of the Contractor to run the SCADA System for 1 year (guarantee period) + **2-years =Total 36 months** period and at the end of O & M work system should be handed over to the Client (RMC).

Contractor's Signature

**Add City Engineer
Drainage Project Department
Rajkot Municipal Corporation**

SCHEDULE

1

Annual Comprehensive Operation & Maintenance Contract

The Contractor shall be required to perform the following services under these Conditions:

The Contractor shall be responsible for corrective maintenance of all equipment. The Contractor shall be responsible for carrying out regular servicing and lubrication of moving parts, complying with maintenance instructions as defined in the Operation and Maintenance Manual, and ensuring that system.

The Contractor shall ensure that measurement systems operate correctly at all times.

For the duration of the Annual Comprehensive Operation & Maintenance Contract period, the Contractor will be responsible for the supply and control of lubricants, spare parts and consumable materials excluding electrical power, necessary for the continuous operation of the works.

The Contractor will manage the consumables and utilities services to ensure their most economic consumption and to minimize wastage.

The quantities of all the unutilized spare parts and consumable materials will be fully handed-over to the Employer at the end of the AMC period.

The stores inventory, the issuing and recording of spare parts will be the responsibility of the Contractor.

The Contractor is also responsible for providing spare parts and material required for the AMC during the operation period, and shall bear the cost for the same, including the cost of storing and safeguarding. The Contractor will make all necessary arrangements to ensure the continuous supply of spare parts and material for the works, and the rate of supply of these materials shall be in such quantities and amounts as would ensure uninterrupted operation.

At the time of agreement the agency shall have to give Name of the dedicated team with CV & contact numbers as well as details of remuneration to be paid.

Signature of Contractor
