



## Quotation Enquiry

HWW/OUT/1907

Date : 26 /11/2024

To:-

Sub:- Dismantling, Loading, Unloading, and refitting of 50 HP submersible pumpset from Kansad (Nr.28 gala) WDS to Sachin Community hall WDS at South Zone-B (kanakpur Zone) water Distribution Station.

Dear Sir,

Sealed consent duly super scribed the subject name and return on or before Dtd. 30/11/2024 to the Executive Engineer, Head Water Works,Khatodara Water Distribution St. Nr.Sosyo circle , Udhna -Magdlla Road,Surat.

Sr. No	Particulars	Unit	Nos	Rate/Unit in Rs. (Without GST)	Total Amount (Without GST) Rs.
1	Dismantling, Loading, Unloading, transportation of 50 Hp submersible pump with Starter Penal, Cables, 200 mm Dia. MS pipe, NRV, Bellow,Sluice Valve, Pressure Guage From Kansad (nr.28 gala) wds to Sachin Community hall WDS.	job	1		
2	Erection of 50 Hp submersible pump with Starter Penal, Cables, 200 mm Dia. MS pipe, NRV, Bellow,Sluice Valve, Pressure Guage at Sachin Community hall wds.	job	1		
3	Cutting of RCC for pump installation on top of slabe of UGSR without vibration with diamand cutting tools size 1500 X 1500 mm 150 mm thick.	job	1		
4	Supply and Installation of 200 A, 4 pole,MCCB with Encloser.	No.	1		
5	Supply and Fitting of 25 sqmm X 4 core flexible copper unarmoured Cable for pump to Starter.	mtr.	20		
6	Supply and Fitting of 25 sqmm X 3 core flexible copper unarmoured Cable for pump to Starter.	mtr.	20		
7	Supply and installation of 100mm Non Return Valve.	no.	2		
8	Connection of existing 15 Hp submersible pumpset with comon header line with necessary accessories like flanze, nipple etc.also with, cutting, welding and fabrication work.	job	2		
9	Supply of MS material with necessary fabrication work	kg	250		
Total Amount in (Figure) Rs.					
Total Amount in Words Rs.					

1. Bidder shall have to quote prices inclusive of all taxes including levies, loading, unloading, labour charges, Construction cess, insurance, watch & ward etc. but excluding GST.
2. The quotation complies in 1 cover. Sealed Cover – Relevant Technical documents, experience of similar works as mentioned, GST Registration Certificate, PAN Card and **EMD of Rs.**



**2000/- in the form of Crossed Demand Draft / Pay order** of Local Nationalized Bank/ Scheduled Bank, acceptable to Surat Municipal Corporation, drawn in favour of the Municipal Commissioner, SURAT MUNICIPAL CORPORATION payable which shall be refunded after sanction of work.

Cover shall mention on top name of work, name of agency and duly sealed. And send this cover by speed post on or **before Dtd.30 /11/2024** To, **Executive Engineer, Head Water Works,Khatodara Water Distribution St. Nr.Sosyo circle , Udhna -Magdlla Road,Surat.**

### **DETAIL SPECIFICATIONS & SCOPE OF WORK**

#### **(1) Submersible pump set:**

- The scope includes Dismantling,loading, unloading, transportation of 01 no. 50 HP submersible pump set with 200 mm Dia. ms pipe, NRV, Sluice Valve, Bellow, Precressure guage, Starter penal etc. from Kansad (Nr.28 gala) of South Zone-B (kanakpur Zone) WDS to Sachin Comunity hall WDS and reinstallation with same machineries.
- Nut bolt, washer,rubber packing etc. necessary materials for the installation work in scope of contractor.
- existing 15 HP capacity submarsible pump working at sachin comunity hall WDS is also conneceted to comon header line with necessary material like nipple, flanze etc. in scope of contractor.
- Supply and installation of 100 mm size Non Return Valve as per approved vendor list for 15 HP pumpset.
- Installation of Air Valve, with sluice valve, supply by surat municipal corporation with necessary nutbolt, rubber packing in scope of contractor.
- Cutting of RCC slab for pump installation of UGSR without its vibration with diamand cutting tools size min. 1500 X 1500 mm 150 mm thick or necessary size for pump installation. and careful for not damage UGSR slab. if any damages during this work then repairing as same in scope of contractor. its clearly instucted to contractor, Vibrator machine if not use for cutting for slab.
- During this work any type of Damages like body of pumpset, pipe, etc. than required to be repaired or replaced with new one in scope of Contractor without any cost.

- (2) **MCCB:-**Supply and Insttaltion of Brand new 4 pole 200 A. Thermal based / Microprocessor based MCCB having features of indication and protection of as mentioned elsewhere. MCCB should be confirming to IS 13947 or IEC-947.

#### **Important Parameters:-**

No.	Parameters	MCCB
1	Rated Operating Voltage	415-450 V
2	Rated Insulation Voltage	690-800 V
3	Rated Impulse Withstand voltage	8 kV
4	Rated ultimate short ckt breaking capacity @ 415V	50 kA
5	Rated short circuit making capacity @ 440V ac	min.105 kA
6	Protection range for over load and short circuit	from 40% to 100%
7	Utilization category	A
8	Mechanical Life operations with Maintenance	4000 min. or (as per IS-13947-2/IEC 60947-2)
9	Electrical Life operations @ 440V without maintenance	4000min. or (as per IS-13947-2/IEC 60947-2)
10	Number of poles	3 Pole OR 4 Pole as specified

**Executive Engineer**

Head Water Works  
Khatodara Water Distribution St.  
Nr.Sosyo circle ,Surat.  
Phone:- Direct – 0261 2571043  
Office - 0261 2572511  
e-Mail:www. exen.hww@suratmunicipal.org

**Surat Municipal Corporation**

Gordhandas Chokhawala Road,  
Muglisara, Surat - 395003  
Fax:- 0261- 2422110, 2451935  
Telex:- 0188-251 SMC IN  
Phone:- 2423750-56, 2422285-87 Ext.367

The MCCB shall be with protections of overload, short circuit fault in case of thermal based and overload ,short circuit, instantaneous ,earth fault in case of Microprocessor based with having suitable setting range.The MCCB shall be with Spreader terminal and extended handle (accessories) to maintain safe operating distance and for ease of termination

Following constructional features are required:

- (a) Trip free mechanism
- (b) Total segregation between power and front shield so as to guarantee maximum operational safety.
- (c) Operating lever should indicate true position of contacts.
- (d) Provision for ROH with door interlock facility and pad lock facility. Adjustable shaft for ROH.

**(3) CABLES:**

Supply and commitioning of 3 & 4 Core X 25sqmm unarmoured flexible copper cable for pump to starter penal. its clearly instucted to contractor, ths cable make conform as per approved Vendor of surat municipal corporation. also supply and installation of necessary water proof cable joint kit for this work.

all type/ size cable end termination in scope of contractor.

**(4)MS Fabrication Work:-** The item includes Supply, Installation, testing & commissioning of structural steel required for cable or otherwise for other work with anchor fastener/nuts and bolts and other necessary hardware's including required welding/cutting/grinding shall be done to complete the job using ISA/ISMC/ISMB/MS Flat. The job also includes painting of the structure with two coats of red oxide and two cots of enamel paint as approved and recommended by SMC.

**MATERIALS:**The structural steel work shall conform to M-22; red lead paint primer shall conform to IS 102-1962 and its latest amendment.

**PAINTING:** The surface before painting shall be cleaned of all rust, scale, dirt and other foreign matter sticking to it with wire brushes, steel wool, scrapers, sand paper etc. Providing and applying painting of one coats of Zinc Phosphate primer as a primer and one coat of synthetic enamel paint. The shade of the paint shall be decided by the Engineer-In-Charge.Name of the Vendor: Berger/Asian Paint/Nerolec/ICI.No Joints, Welding on Crane Girder (Main girder) will be permitted, else ware than on bracket.

❖ **Note :- Work which is not mentioned above but required to complete the job, must be done by the contractor without any extra cost.**

**TERMS AND CONDITIONS**

1. Bidder shall have to Quote Rates in this quotation paper only & returned duly sealed & signed. Also Write “Quotation”, name of work, name and address of agency/contractor on sealed envelope & submit through by hand/currier on or before Dt.30/11/2024 at **Executive Engineer, Head Water Works,Khatodara Water Distribution St. Nr.Sosyo circle , Udhna -Magdlla Road,Surat.**
2. Bidder shall have to quote prices inclusive of GST, levies, loading, unloading, transportation, labour charges, Construction cess, insurance, watch & ward etc.
3. Bidder shall have to mention name of work, name and address of agency/contractor on sealed envelope.
4. Bidder should submit their offers in line of above specified work.
5. Bidder must have to submit **Earnest Money Deposit (EMD) of amounting of Rs.2000/-** quoted amount, with the offer in form of DD/Pay order only, and in case of award of work EMD of successful bidder will be kept as security deposit and same will be released after satisfactorily completion of work.

**Executive Engineer**

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6. This paper (Format) should be returned duly sealed and signed as a token of agreement to specifications and conditions as per attached format.
7. Successful bidder shall have to undergo Agreement and Undertaking as per SMC prevailing rules within 10 days from the date of work order.
8. Successful bidder shall have to start the work within 10 days of work order. Time Limit for whole work will be 30 Days from the work starting date. In case of work is delayed, then penalty will be recovered at 0.2% of tender amount per day of delay of unexecuted work cost that will be maximum up to 10% of delayed work.
9. Payment Condition:- 100% payment will be released after satisfactory completion of entire work at site and submission of invoice within 30 days. Payment shall be made as per actual work done at site.
10. Bidder shall have to quote prices inclusive of all required materials for completion of entire work.
11. It is presumed that Bidder has seen the site and understood the scope of work to be executed before quoting the rate.
12. The Tender shall remain valid for a period of 120 days from the date of opening of bid and that the Bidder shall not be allowed to withdraw or modify the offer during this period.
13. Corporation will not issue any 'C' or 'D' form.
14. The work shall be carried out as per the standard practices and relevant code of practices with prevailing norms in Surat Municipal Corporation.
15. If any electrical work is to be carry out as a part of work, then it should be done through licensed electrical contractor and consent of electrical contractor along with copy of license shall be submitted during execution of work.

**SAFETY REGULATIONS**

16. The work shall be carried out with best engineering practices and by observing safety practices as per industry standard & relevant national and international standards.
17. All the safety precaution, necessary arrangement, colour code, notice board, etc. as per Govt. safety rules.
18. First aid kit shall be kept ready at the working site.
19. Contractor shall arrange personal protective equipment's for his employees as per Site conditions.
20. Contractor shall assure the safety of the work and personnel and contractor shall be entirely responsible for any damage or injuries to any property or person resulting from any accident due to any reasons.
21. The corporation shall not be responsible for any death / accident / injury to the workman / staff of the Contractor or third party, it is contractor's responsibility to take insurance of his employees, medical facility work compensation etc. as per workman compensation act and all other relevant laws. Further the corporation will not provide any insurance / medical facility, workman compensation etc. to the staff of contractor.
22. All the personals employed by the contractor for the execution of the work should be covered under full insurance against any accident / injury.
23. The Contractor must take sufficient care while moving, handling, and installing equipment, so as not to cause any injury or damage to the persons or property of the SMC or other working in or around the works. In case of causing of any injury or damage, to any person or property as aforesaid, the costs and expense of such occurrences, including eventual loss of working hours as estimated by the SMC, shall be borne by the Contractor.

-SD-

I.C.Executive Engineer  
Head Water Works

Surat Municipal Corporation

**Sign & Seal of Contractor**