

Executive Engineer
South Zone(Udhana)



Surat Municipal Corporation
South Zone(Udhana)
Opp. Satyanagar, Udhana,
Surat.

☎ 2277043, 2278429.

QUOTATION INQUIRY

SZ/Tech./No.6296

Dtd.: - 18/09/2021

TO,

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Sub: - Supply, Installation and Repairing work of Electrical Motors/Pumps of different capacities on annual rate contract basis for two year at South Zone(Udhna).

Dear Sir,

Sealed quotations duly super scribed the Subject Name and return on or before date 28/09/2021 to the office of the undersigned is invited for Supply, Installation and Repairing work of Electrical Motors/Pumps of different capacities of following: -

Quotation

Repairing work of Motor And Pump Part-A					
Sr. No	Item	Unit	Cost of material	Cost of labour	Total Amount (With GST)
REPAIRING OF MONO BLOCK PUMP MOTORS					
1.	Removing the pump set from foundation after removing suction & discharge connection pipes & all wiring connections taking it to workshop & open it for fault finding, refitting the same, after carrying out repairing, taking back on site refitting on foundation with pipe & wiring connections & put in working condition. (Excludes cost of repairing. Includes to & from transportation)				
	(a) Up to 3 HP	Job			
	(b) Above 3 HP to 7.5 HP	Job			
2.	Removing deteriorated gasket, gland packing, washer nuts & bolts before refitting of motor pump set.				
	(a) Up to 3 HP	Job			
	(b) Above 3 HP to 7.5 HP	Job			
3.	Rewinding of 230V single phase motor as per original winding design by using super enamelled copper Wire and putting the same in working condition as per original.				
	(A) up to 0.5 HP	Ea.			
	(B) Up to 0.75 HP	Ea.			
	(C) Up to 1.0 HP	Ea.			
4.	Rewinding of 3 phase 440V motor as per original winding design by using super enamelled copper Wire and putting the same in working condition as per original.				

	(A) up to 1 HP	Ea.			
	(B) Up to 1.5 HP	Ea.			
	(C) Up to 2 HP	Ea.			
5.	Rewinding of 3 H.P., 3 phase 440V motor as per original winding design by using super enamelled copper Wire and putting the same in working condition as per original.	Ea.			
6.	Rewinding of 5 H.P., 3 phase 440V motor as per original winding design by using super enamelled copper Wire and putting the same in working condition as per original.	Ea.			
7.	Rewinding of 7.5 H.P., 3 phase 440V motor as per original winding design by using super enamelled copper Wire and putting the same in working condition as per original.	Ea.			
8.	Replacing burn out unserviceable ball bearing / roller bearing suitable for following motors for mono block pump sets				
	(A) For 1 H.P. motor/pump	Ea.			
	(B) For 2 H.P. motor/pump	Ea.			
	(C) For 3 H.P. motor/pump	Ea.			
	(D) For 5 H.P. motor/pump	Ea.			
	(E) For 7.5 H.P. motor/pump	Ea.			
9.	Replacement of Terminal Plate				
	(A) For 1 H.P. motor/pump	Ea.			
	(B) For 2 H.P. motor/pump	Ea.			
	(C) For 3 H.P. motor/pump	Ea.			
	(D) For 5 H.P. motor/pump	Ea.			
	(E) For 7.5 H.P. motor/pump	Ea.			
10.	Replacement of Fan				
	(A) For 1 H.P. motor/pump	Ea.			
	(B) For 2 H.P. motor/pump	Ea.			
	(C) For 3 H.P. motor/pump	Ea.			
	(D) For 5 H.P. motor/pump	Ea.			
	(E) For 7.5 H.P. motor/pump	Ea.			
11.	Replacement of Fan Cover				
	(A) For 1 H.P. motor/pump	Ea.			
	(B) For 2 H.P. motor/pump	Ea.			
	(C) For 3 H.P. motor/pump	Ea.			
	(D) For 5 H.P. motor/pump	Ea.			
	(E) For 7.5 H.P. motor/pump	Ea.			
REPAIRING OF OPEN WELL HORIZONTAL MONO PUMP SETS					
1.	Opening the open well sub. Mono pump set for fault finding, carry out required repairs refitting the same with necessary oiling, greasing & overhauling & making pump set				

	in good working condition. (Excludes cost of repairing. Includes to & from transportation)				
	(i) 1 H.P. to 5 H.P.	Ea.			
	(ii) 7.5 H.P.	Ea.			
2.	Rewinding single phase 230V motor for open well horizontal mono pump set by using polycab copper winding wire & putting the same in working order for pump capacity of				
	(a) 0.5 H.P. - 230V	Ea.			
	(b) 0.75 H.P.- 230V	Ea.			
	(b) 1 H.P. - 230 V	Ea.			
3.	Rewinding 3 phase, 440V motor for open well horizontal mono pump set by using poly. cap copper winding wire & putting the same in working order for pump capacity of				
	(a) 0.5 H.P./ 1 H.P. / 1.5 H.P. - 440V	Ea.			
	(b) 2 H.P. / 3 H.P. - 440V	Ea.			
	(c) 5 H.P. - 440V	Ea.			
	(d) 7.5 H.P. - 440V	Ea.			
4.	Replacement of S.S. sleeves for shaft of open well horizontal submersible pump sets for				
	(i) 1 H.P. to 5 H.P.	Ea.			
	(ii) 7.5 H.P.	Ea.			
5.	Replacement of Stainless Steel bushing fitted in end shield for open well horizontal submersible pump set				
	(i) 1 H.P. to 5 H.P.	Ea.			
	(ii) 7.5 H.P.	Ea.			
6.	Replacement of Gun metal / Bronze bushing for open well horizontal submersible pump set				
	(i) For 1 H.P. to 5 H.P.	Ea.			
	(ii) 7.5 H.P.	Ea.			
7.	Replacing gasket, oil, nuts, bolts & washers for open well horizontal submersible pump sets.				
	(i) 1 H.P. to 5 H.P.	Ea.			
	(ii) 7.5 H.P.	Ea.			
8.	Replacement of Bronze / Carbon thrust bearing with fibber plate & bushing suitable for open well horizontal submersible pump set for				
	(i) For 1 H.P.	Ea.			
	(ii) For 2 H.P.				
	(iii) For 3 H.P.				
	(iv) For 5 H.P.				

	(v) 7.5 H.P.	Ea.			
9.	Replacement of cast iron impeller for open well horizontal submersible pump sets				
	(i) For 1 H.P.	Ea.			
	(ii) For 2 H.P.				
	(iii) For 3 H.P.				
	(iv) For 5 H.P.				
	(v) 7.5 H.P.				
10.	Replacement of Bronze / Gunmetal impeller for open well horizontal submersible pump set				
	(i) For 1 H.P.	Ea.			
	(ii) For 2 H.P.				
	(iii) For 3 H.P.				
	(iv) For 5 H.P.				
	(v) 7.5 H.P.				
11.	Replacement of Oil Seal				
	(i) 1 H.P. to 5 H.P.	Ea.			
	(ii) 7.5 H.P.	Ea.			
REPAIRING OF SUBMERSIBLE PUMP SETS					
1.	Opening the submersible pump set for fault finding , carry out required repairs refitting the same with necessary oiling, greasing & overhauling & making pump set in good working condition. (Excludes cost of repairing. Includes to & from transportation)				
	(i) 1 H.P. to 5 H.P.	Ea.			
2.	Rewinding of submersible motor by using approved make PVC insulated copper winding Cores of suitable size complete with connection. Capacity Suitable for pump of following size. Dismantled Materials to be retained by agency.				
	(A) up to 5 H.P.	Ea.			
3.	Replacement of bronze/ carbon thrust bearing with fibre plate & housing for				
	(i) 150 mm. dia.	Ea.			
	(ii) 200 mm. dia.	Ea.			
4.	Replacement of motor bush, upper/ lower with sleeve with following material				
	(A) Bronze				
	(i)150 mm. dia.	Ea.			
	(ii)200 mm. dia	Ea.			
	(B)Rubber				
	(i) 150 mm. dia.	Ea.			
	(ii) 200 mm. dia.	Ea.			

5.	Replacement of stage casing bowl with nuts and bolts.				
	(A) C.I.				
	(i)150 mm. dia.	Ea.			
	(ii)200 mm. dia	Ea.			
	(B) Bronze				
	(i) 150 mm. dia.	Ea.			
	(ii) 200 mm. dia.	Ea.			
6.	Replacement of Bronze impeller with neck ring.				
	(i) 150 mm. dia.	Ea.			
	(ii) 200 mm. dia.	Ea.			
7.	Replacement of Shaft sleeve stainless steel.				
	(i) 150 mm. dia.	Ea.			
	(ii) 200 mm. dia.	Ea.			
8.	Replacement of Bowl bearing/ bush				
	(A) Rubber				
	(i)150 mm. dia.	Ea.			
	(ii)200 mm. dia	Ea.			
	(B) Lead				
	(i) 150 mm. dia.	Ea.			
	(ii) 200 mm. dia.	Ea.			
9.	Replacement of S.S. Shaft for				
	(A) 3 stage pump				
	(i)150 mm. dia.	Ea.			
	(ii)200 mm. dia	Ea.			
	(B) Add per stage				
	(i) 150 mm. dia.	Ea.			
	(ii) 200 mm. dia.	Ea.			
10.	Replacement of suction strainer				
	(i)150 mm. dia.	Ea.			
	(ii)200 mm dia.	Ea.			
11.	Replacement of Capacitor				
	2.5 μ fd	Ea.			
	10 μ fd	Ea.			
	12 μ fd	Ea.			
	15 μ fd	Ea.			
	20 μ fd	Ea.			
	36 μ fd	Ea.			

	45 µfd	Ea.			
12.	Lifting of submersible motor pump set complete with required No. & size of casing pipes by means of proper chain pulley block and pipe. Wrenches. Job includes stacking of pipes chronologically after due checking of threads.				
	(a) Up to 60 mtrs.	Per Job			
	(b) Above 60 mtrs. And Up to 120 mtrs.	Per Job			
	(c) Above 120 mtr.	Per Job			
	(d) For Open well Horizontal submersible pump set for sump well				
	(i) 1 HP to 5 HP	Per Job			
13.	Lowering of submersible motor pump set complete with required. Nos. and size of casing pipes erected by means of proper chain pulley block & pipe wrenches after checking of threads of each pipe with coupling to take the load of the pump set and pipe assembly filled up with water.				
	(a)Up to 60 mtrs.	Per Job			
	(b)Above 60 mtrs. and Up to 120 mtrs.	Per Job			
	(c)Above 120 mtr.	Per Job			
	(d)For Open well Horizontal submersible pump set for sump well				
	(i) 1 HP to 5 HP	Per Job			
	(ii) 7.5HP				
Procurement of Motor And Pump work Part-B					
SINGLE PHASE MONO BLOCK PUMPS					
1.	Supplying & erecting approved make self-priming domestic monoblock water pump with 0.5 H.P. motor, suitable for operation on 230 volts 50 c/s. AC supply with metallic flange, delivery and discharge of minimum 32 LPM at minimum 10 mtrs. head. (Make: CGL,CRI,Lubi)	Nos.			
2.	Supplying & erecting approved make self-priming domestic monoblock water pump with 1 H.P motor, suitable for operation on 230 volts, 50c/s. AC supply with metallic flange, and M.S. impeller delivery and following discharge. (a) 100 LPM at 14 mtrs. head suitable for 25 mm dia. delivery (Make:CGL, CRI, Lubi)	Nos.			
3.	Supplying & erecting approved make self-priming domestic monoblock water pump with 1.5 H.P motor, suitable for operation on 230 volts, 50c/s. AC4 supply with metallic flange, and M.S. impeller delivery and following discharge 44 LPM at 32 Mtr head suitable 25 mm dia delivery (Make:CGL, CRI, Lubi)	Nos.			

OPEN WELL TYPE HORIZONTAL MONO BLOCK PUMPS					
1	Providing & erecting open well type horizontal mono block pump set with stainless steel body having following specification. (A) 0.5 H.P. single phase open well motor pump set having discharge of 115 LPM @ 15 mtr. Head suitable for 32 mm dia. delivery pipe with control panel.	Nos.			
	(A-1) 0.75 H.P. single phase open well motor pump set having discharge of 170 LPM @ 20 mtr. head suitable for 25 mm dia delivery pipe with control panel	Nos.			
	(B) 1 H.P. single phase open well motor pump set suitable for 185 LPM discharge @ 25 mtr. Head, suitable for 32 mm dia. Delivery pipe with control panel.	Nos.			
	(C) 1 HP Three phase open well motor pump set suitable for 190 LPM discharge @ 21 mtr. Head, suitable for 32mm dia. delivery pipe.	Nos.			
2.	Providing & erecting open well horizontal mono block pump set with cast iron body, complete for three phase submersible motor having... [A] For 1.5 HP 3 phase open well horizontal mono block pump set suitable for 190 LPM @ 20 mtr head suitable for 40 mm dia delivery pipe	Nos.			
	[B] For 2 HP 3 phase open well horizontal mono block pump set suitable for 200 LPM @ 25 mtr head suitable for 50 mm dia delivery pipe	Nos.			
SUBMERSIBLE PUMPS					
1.	Supplying of single phase submersible pump set suitable for 100 mm size or more dia bore well having motor capacity and discharge as under with necessary panel box (a) Motor rating 1 HP (12 stage) pump having capacity of 50 LPM at 43 to 45 mtr head suitable for 32 mm dia. delivery pipe	Nos.			
	(b) Motor rating 1.5 HP (16 stage) pump having capacity of 50 LPM at 60 mtr head suitable for 32 mm dia. delivery pipe	Nos.			
	(c) Motor rating 2 HP (17 stage) pump having capacity of 106 LPM at 40 mtr head suitable for 32 mm dia. delivery pipe	Nos.			

Terms/conditions of quotation

* Work Completion Period of entire work :-	2 year from the date of work order .
* All Taxes/Duties,GST,Octroi etc.: -	Included.
* FOR: -	Supply, Installation and Repairing work of Electrical Motors/Pumps of different capacities.
* Validity of quotation: -	120 Days from the last date of submission.
* Payment condition: -	Payment shall be made monthly basis after submission of required document mention elsewhere & invoice.
* Make: -	For New Motor @ CGL, CRI, Lubi.

- Contractor has to cart, load & unload the Electric Motor from the site for which order is given.
- Contractor shall have to take the motor at his workshop and dismantle for rewinding. If tenderer wish to dismantle the motor at site and take away only stator of motor, then after rewinding of motor contractor shall have to re-erect, fitting motor at site and done necessary testing at site with their instrument. SMC shall not provide any instrument, tools, tackles, labour etc. for that.
- The work must be guaranteed for **SIX MONTH** from the **RE-COMMISSIONING** of the Electric Motor.
- Representative of the firm shall not remove any part(s) or whole from the equipment's without permission of the representative of SMC.
- The firm shall have to attend all complaints on receipt of information from the users directly with the prior approval of light department of south zone. The services should be provided on regular basis during office hours. In case of emergency contractor must provide service beyond office hours & on holyday as well.
- The rates quoted shall remain in force for full period of contract.
- The owner of the firm should be available on his landline telephone and also on mobile phone.
- Please note that the scope of work includes supply of all materials, carting, rewinding, minor repairing, testing including transportation, loading/ unloading, storage etc. up to respective sites.
- The materials and insulations utilized for rewinding/repairing shall be similar to the existing winding only and as per the requirement. If the same are not found satisfactory the Minimum F class winding to be replaced "Free of Cost".
- Cleaning of equipments from inside and out side while repairing.
- The firm will have to repair the equipment within 2 days from receipt of complaint. if not, the SMC will get it repaired from other contractor and the expenditure so incurred on such repairs including administrative charges will be deducted from the ARC payment, due for payment to contractor.
- All required materials, tools, tackles and men power for the job shall be brought by the Contractor. SMC shall not provide any of them.
- The contractor will have to repair the equipment within 2 days from receipt of complaint, failing which penalty at a rate of Rs.200 per day per unit of delay shall be charged. In case of the unit remains unrepaired on any account for a period exceeding 7 days, the penalty at a rate of Rs.500 per day per unit shall be charged.
- Successful Contractor have to do Agreement, Surety & Undertaking on the non judicial stamp paper of Rs.300/- each purchased from Surat city only.
- The firm must have an office or workshop in Surat.
- The time limit of this work will be two (2) year from the date of the award of the contract.
- SMC will not pay any transportation charges and also not provide any type of assistance while carrying out above mention work. All accessories needed in this work of above mentioned items are in contractor's scope only. Contractor must replace faulty spare with genuine spare only.
- **The rates should be inclusive of all taxes/ duties, GST and Octroi.** Fulfillments of this condition are must or else the quotation shall be liable for outright rejection.
- The name of work i.e. "**Quotation for the work of**" must be mentioned on the envelope without which quotation is likely to be rejected, which must be noted.

Thanking You,

-Sd-
Executive Engineer,
South Zone (Udhna),
Surat Municipal Corporation.

* SIGNATURE & SEAL OF CONTRACTOR *