



LETTER OF CONSENT

To,

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S.E.Z/Out/No. 15

Date :- 01 / 04 /2026

Sub:- Repairing, Rewinding and servicing of various capacity Electric Motor-Pump sets, Purchasing New Motor And starters at various municipal buildings for the period of One (01) Years within South East Zone (Limbayat) Light Depa - 1 area.

**Ref : - (1) Online Tender Notice No. Dy.Comm./SEZ/09/2025 Work No.2
(2) Sanction of Municipal Commissioner Shree, Dt.13/02/2026**

Dear Sir,

Surat Municipal Corporation, South East Zone (Limbayat) is inviting consent letter for Light Department Part 1 Sanction rate of (Ref-1&2) the work of Repairing, Rewinding and servicing of various capacity Electric motor-pump sets and starters at various municipal buildings within South East Zone (Limbayat) Part - 1 area.

You are requested to send your consent letter in your Company Letterhead to reach in the office of Executive Engineer [South East Zone] on or before Dt. 11 / 05 /2026 6.00 up to pm. Please note that the cover shall be super scribed with the name of work "**Repairing, Rewinding and servicing of various capacity Electric motor-pump sets and starters at various municipal buildings in the limit of Rs.2,00,000/- (Including GST) for the period of One (01) years within South East Zone (Limbayat) Light Depa - 1 area**" The terms & conditions for this offer are as follow, failing which the consent letter shall be rejected out rightly.

SCOPE OF WORK:-

1. In case of any misunderstanding due to interpretation of any terms, conditions or specifications the decision of Executive Engineer, South East Zone (Limbayat), Surat Municipal Corporation, Surat shall be final and binding on the part of contractor.
2. The contractor will have to give breakdown service and have to co-ordinate the repairing and servicing of Motor and Starter according to department's requirement and convenience.
3. In case of Fault/ breakdown, Contractor shall have to attend the complain immediately within 24 hours from intimation. No site should remain out of service more than 48 hours for purpose of maintenance.
4. Due to Fault/ breakdown any Municipal building remaining out of service. Contractor should provide service Motor/Pump set with required accessories include starter up to 07 (seven) day's if, it required.
5. The contractor will not be provided any transportation fare or other charges if a question arises of transfer of any motor-pump sets outside the Municipal campus for repair.

6. Material used during maintenance of the Motor & Starters any failed parts required to be replaced or repaired shall be done by contractor. Scrap material should not require submitting to the Surat Municipal Corporation. The old replace parts shall be property of contractor.
7. Spare parts used for repairs shall be genuine and of good quality and/or same as defective/Damage material to be replaced. No second-hand material shall be allowed for replacement purpose.
8. Contractor shall directly follow the instructions by the SMC representative/ authorized personal from concerned department at the site.
9. After servicing, overhauling of the motor-pump sets signature of authorized personal from concerned department or light department shall have to be obtained on such reports.
10. Contractor is responsible to provide man power/technicians on Sundays/ public holidays also.
11. All employees deployed for the said work shall be provided with personal safety equipments & accessories. Contractor shall be responsible to the accident/injury/Loss to any of the staff members of them.
12. Contractor shall follow all applicable laws, rules, regulation for such type of work.
13. Any damage to material during transportation shall be to contractor's account.
14. Conditional consent letter shall not be accepted.

TIME LIMIT / WORK COMPLETION PERIOD:-

- Time limit for the entire work shall be 01(One) years in the limit Of Rs.2,00,000/- (Including GST).

EXPERIENCE REQUIRED: -

The contractor shall have an active relevant experience of at least 01 (One) year. 3 A Certificate must required. i.e. maintenance of electric motor/pumps contractor must finish work completion certificate for the same.

SECURITY DEPOSIT/AGREEMENT/STAMP DUTY:-

- Successful Contractor shall be required to deposit an amount equal to **2.5 % of total order value as Security Deposit** in Cash/ by Demand Draft within 10 (Ten) days from date of work order, otherwise penalty @ 0.065% of the Security deposit Amount per day of delay shall be charged.
- 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. 300.00 + 300.00 + 300.00 for each) (to be brought from Surat by the contractor) on getting the order. However, the stamp duty at prevailing rate shall be applicable if revised by Government.

PRICES AND TERMS OF PAYMENTS: -

- **All rates should be quoted including GST.**
- Contractor must understand clearly that the prices quoted are for the total works i.e. Rewinding and servicing of various capacity electric motors and starters include all Material/Spares, labor, supervisions, transportation, loading unloading watch and ward etc. including GST. No claim for additional payment beyond the prices quoted will be entertained and contractor will not be entitled subsequently to make any claim on any ground.
- No payment shall be made in advance.
- Payment shall be made after submitting the Tax invoice.

PENALTY CRITERIA:-

Contractor is expected to perform in the best engineering practice manner such that user department feel satisfaction of the services obtained. However in case of failure of such thing shall be lead to attraction of penalty. Following cause/incidence shall attract penalty:

- If breakdown call not attended within 48 hours from intimation, a penalty of Rs.100/- per day and maintenance work not completed within 02 day, penalty of 200/- per day shall be levied from bill and maximum penalty shall be 10% of contract value shall be charged and shall be deducted from bill.

Note: - The contract will be terminated at any time without any notice/reasons as per convenience of Surat Municipal Corporation.

SD

**Executive Engineer
South East Zone
Surat Municipal Corporation**

SEAL & SIGNATURE OF THE TENDERER:-

PRICE BID					
Surat Municipal Corporation					
South East Zone					
Light Depa. Part - 1					
Name of work: Annual rate contract to carry out repair / maintenance work of motor pump sets installed at various premises under South East (Limbayat) Zone (Part-1) of SMC (For 1 Year).					
Item No	Description	Unit	Cost of materials	Cost of Labour	Total
SECTION 12-1 / REPAIRING OF MONO BLOCK PUMP MOTORS					
12-1-1.	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	0.00	230.00	230.00
	(B) Above 3 HP to 7.5 HP	Job	0.00	325.00	325.00
	(C) 10 Hp to 20 HP	Job	0.00	450.00	450.00
12-1-2.	Removing deteriorated gasket, gland packing, washer nuts & bolts before refitting of motor pump set.				
	(A) Up to 3 HP	Ea.	70.00	40.00	110.00
	(B) Above 3 HP to 7.5 HP	Ea.	120.00	45.00	165.00
	(C) 10 Hp to 20 HP	Ea.	170.00	45.00	215.00
12-1-3.	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.	525.00	55.00	580.00
	(B) Upton 0.75 HP	Ea.	655.00	55.00	710.00
	(C) Upton 1.0 HP	Ea.	725.00	55.00	780.00
12-1-4.	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.	Ea.			
	(A) up to 1 HP	Ea.	740.00	100.00	840.00
	(B) Up to 1.5 HP	Ea.	810.00	100.00	910.00
	(C) Up to 2 HP	Ea.	940.00	100.00	1040.00
12-1-5.	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.	1250.00	130.00	1380.00
12-1-6.	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.	2300.00	200.00	2500.00

12-1-7.	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.	2850.00	290.00	3140.00
12-1-8.	Rewinding of 10 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.	3620.00	330.00	3950.00
12-1-9.	Rewinding of 12.5 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.	5060.00	330.00	5390.00
12-1-10.	Rewinding of 15 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.	6100.00	400.00	6500.00
12-1-11.	Rewinding of 20 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.	7200.00	550.00	7750.00
12-1-12.	Replacing burnout unserviceable ball bearing /roller bearing suitable for following motors for mono block pump sets				
	(A) For 1 H.P. motor/pump	Ea.	190.00	50.00	240.00
	(B) For 2 H.P. motor/pump	Ea.	280.00	50.00	330.00
	(C) For 3 H.P. motor/pump	Ea.	350.00	50.00	400.00
	(D) For 5 H.P. motor/pump	Ea.	380.00	80.00	460.00
	(E) For 7.5 H.P. motor/pump	Ea.	480.00	80.00	560.00
	(F) For 10/12.5 H.P. motor/pump	Ea.	690.00	80.00	770.00
	(G) For 15 H.P. motor/pump	Ea.	810.00	130.00	940.00
	(H) For 20 H.P. motor/pump	Ea.	850.00	130.00	980.00
SECTION 12-2 REPAIRING OF OPEN WELL HORIZONTAL MONO PUMP SETS					
12-2-2.	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)				
	(A) 1HP to 5HP	Ea.	0.00	380.00	380.00
	(B) 7.5 to 15HP	Ea.	0.00	510.00	510.00
	(C) Above 15HP	Ea.	0.00	650.00	650.00
12-2-3.	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 HP - 230V	Ea.	1320.00	130.00	1450.00
	(B) 0.75 HP 230V	Ea.	1520.00	130.00	1650.00
	(C) 1HP - 230 V	Ea.	1820.00	130.00	1950.00
12-2-4.	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 HP / 1.5 HP - 440V	Ea.	1620.00	130.00	1750.00
	(B) 2 HP / 3 HP - 440V	Ea.	1700.00	150.00	1850.00

	(C)5 HP - 440V	Ea.	2300.00	250.00	2550.00
12-2-5.	Replacement of S.S. sleeves for shaft of open well horizontal submersible pump sets for				
	(A) 1HP to 5HP	Ea.	370.00	65.00	435.00
	(B) 7.5 to 15HP	Ea.	680.00	65.00	745.00
12-2-6.	Replacement of Stainless Steel bushing fitted in end shield for open well horizontal submersible pump set				
	(A) 1HP to 5 HP	Ea.	610.00	65.00	675.00
	(B) 7.5Hp to 15 HP	Ea.	950.00	65.00	1015.00
12-2-7.	Replacement of Gun metal /Bronze bushing for open well horizontal submersible pump set				
	(A) 1HP to 5 HP	Ea.	260.00	65.00	325.00
	(B) 7.5Hp to 15 HP	Ea.	390.00	65.00	455.00
12-2-8.	Replacing gasket, oil, nuts, bolts & washers for open well horizontal submersible pump sets.				
	(A) 1HP to 5 HP	Ea.	265.00	70.00	335.00
	(B) 7.5Hp to 15 HP	Ea.	400.00	70.00	470.00
12-2-9.	Replacement of Bronze / Carbon thrust bearing with fibber plate & bushing suitable for open well horizontal submersible pump set for				
	(A) 1HP to 5 HP	Ea.	1480.00	70.00	1550.00
	(B) 7.5Hp to 15 HP	Ea.	1930.00	70.00	2000.00
12-2-10.	Replacement of cast iron impeller for openwell horizontal submersible pump pump sets				
	(A) 1HP to 5 HP	Ea.	330.00	110.00	440.00
	(B) 7.5Hp to 15 HP	Ea.	600.00	195.00	795.00
12-2-11.	Replacement of Bronze / Gunmetal impeller for open well horizontal submersible pump set				
	(A) 1HP to 5 HP	Ea.	990.00	130.00	1120.00
	(B) 7.5Hp to 15 HP	Ea.	1130.00	210.00	1340.00
SECTION 12-3 REPAIRING OF SUBMERSIBLE PUMP SETS					
12-3-1.	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)				
	(A) 1HP to 5HP	Ea.	0.00	330.00	330.00
	(B) 7.5 to 15HP	Ea.	0.00	470.00	470.00
12-3-2.	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) 5 HP	Ea.	2195.00	190.00	2385.00
	(B) 7.5 H.P	Ea.	2780.00	210.00	2990.00
	(C) 10 to 15 H.P	Ea.	3720.00	330.00	4050.00
12-3-3.	Replacement of bronze/ carbon thrust bearing with fibre plate & housing for				
	(A) 150 mm. dia.	Ea.	1710.00	130.00	1840.00

	(B) 200 mm. dia.	Ea.	2480.00	130.00	2610.00
12-3-4.	Replacement of motor bush, upper/ lower with sleeve with following material				
	(A) Bronze				
	(i)150 mm. dia.	Ea.	600.00	70.00	670.00
	(ii)200 mm. dia	Ea.	1210.00	70.00	1280.00
	(B)Rubber				
	(i) 150 mm. dia.	Ea.	360.00	30.00	390.00
	(ii) 200 mm. dia.	Ea.	600.00	30.00	630.00
12-3-5.	Replacement of stage casing bowl with nuts and bolts.				
	(A)C.I.				
	(i)150 mm. dia.	Ea.	400.00	70.00	470.00
	(ii)200 mm. dia	Ea.	610.00	70.00	680.00
	(B)Bronze				
	(i) 150 mm. dia.	Ea.	660.00	70.00	730.00
	(ii) 200 mm. dia.	Ea.	830.00	70.00	900.00
12-3-6.	Replacement of Bronze impeller with neck ring.				
	(i) 150 mm. dia.	Ea.	470.00	70.00	540.00
	(ii) 200 mm. dia.	Ea.	720.00	70.00	790.00
12-3-7.	Replacement of Shaft sleeve stainless steel.				
	(i) 150 mm. dia.	Ea.	70.00	15.00	85.00
	(ii) 200 mm. dia.	Ea.	170.00	15.00	185.00
12-3-8.	Replacement of Bowl bearing/ bush				
	(A) Rubber				
	(i)150 mm. dia.	Ea.	370.00	70.00	440.00
	(ii)200 mm. dia	Ea.	720.00	70.00	790.00
	(B) Lead				
	(i) 150 mm. dia.	Ea.	840.00	70.00	910.00
	(ii) 200 mm. dia.	Ea.	1310.00	70.00	1380.00
12-3-9.	Replacement of S.S.Shaft for				
	(A) 3 stage pump				
	(i)150 mm. dia.	Ea.	360.00	40.00	400.00
	(ii)200 mm. dia	Ea.	560.00	50.00	610.00
	(B) Add per stage				
	(i) 150 mm. dia.	Ea.	100.00	15.00	115.00
	(ii) 200 mm. dia.	Ea.	150.00	15.00	165.00
12-3-10.	Replacement of suction strainer				
	(i)150 mm. dia.	Ea.	130.00	25.00	155.00
	(ii)200 mm dia.	Ea.	230.00	40.00	270.00

SECTION 9-1

Motor Pump Starters & Starter Accessories

NOTE: The head and flow of pump is showing minimum values for getting best operating efficiency.

Item No	Description	Unit	Cost of materials	Cost of Labour	Total
9-1-1.	Supplying and erecting Direct - On - Line Starter with 18 A. rating contactor and with 3.5 Amp. 18A range directly operated in totally insulated elegant enclosure for single phase operation up to 3 HP as per IS 13947 complete erected on P.W. Block with necessary connection.				
	Cat-II	Ea.	1788.00	90.00	1878.00
	Cat-III	Ea.	2148.00	90.00	2238.00

9-1-2	Supplying and erecting Direct On-line Electronics Starter with 2-5/4-10/8-14/10-16 Amp. Rating relay (variable current setting) directly operated in totally insulated elegant enclosure and 18 Amp. Rating power relay with start - stop button for single phase operation up to 3 HP as per complete erected on P.W. Block with following features. Low voltage cut off below 140 V High voltage cut off above 280 V Overload protection Indicating LEDs for motor on lv, hv & overload tripping. [Cat.II]	Ea	1620.00	90.00	1710.00
9-1-3.	Supplying and erecting Direct-on-line, Starter with 15A.rating contractor and with 4-14A. range, directly operated thermal overload relay in sheet steel enclosure for 3phase 415V.50 c/s. A.C. motor up to 7.5 H.P.complete erected on P.W. Block with necessary connection.				
	Cat-II	Ea.	1800.00	80.00	1880.00
	Cat-III	Ea.	2100.00	80.00	2180.00
9-1-4.	Supplying and erecting Direct on line starter with 30 Amp. (resistive @ 230v) power relay and with 2 to 5/ 4 to 10 / 8 to 20 amp. Range C.T. Operated electronic overload relay in engineering grade plastic enclosure for 3 ph 415v 50 HZ A.C. motor up to 7.5 HP with high voltage protection (above 480 v) and under voltage protection (below 330 v) current sensing single phasing protection. Reverse phasing protection, inverse current characteristic overload protection with indication for On, OL, HV,LV SPP in a single unit with feather touch start / stop push button, high temperature with standing Bakelite terminals complete erected on P.W. Block with necessary connection. [Cat.II]	Ea	2220.00	90.00	2310.00
9-1-5.	Supplying and erecting push button operated fully automatic Star-Delta starter with 3 Nos. of 15A.rating contactors and directly operated thermal overload relay having 10-21A range and erected in sheet steel enclosure for 3 phase 415V. 50 c/s. A.C. motors from 7.5 to 15H.P. complete erected on				
	(A) P.W. Block with necessary connection.				
	Cat.II	Ea.	7800.00	180.00	7980.00
	Cat.III	Ea.	10200.00	180.00	10380.00
	(B) Angle iron frame add to the above	Ea.	132.00	70.00	202.00

9-1-6.	Supplying and erecting push button operated fully automatic Star-Delta starter with 3 Nos.of 32A. rating contactors and. 1 No. of directly operated thermal overload relay having 20-32A range in sheet steel enclosure for 3 phase 415V. 50 c/s. A.C. motors up to 35 H.P. complete erected on				
	(A)P.W.Blockwith necessary connection				
	Cat.II	Ea.	11500.00	200.00	11700.00
	Cat.III	Ea.	13900.00	200.00	14100.00
	(B) For erection on Angle iron frame add to the above.	Ea.	150.00	50.00	200.00
9-1-7.	Providing and erecting AC-3 duty 3 pole power contactor with 2 NO & 2 NC aux contacts complete with 415V/220V operating coil suitable for (L&T, BCH,T.C., Siemens, C&S make).				
	(A) for 25 / 32 A rating	Ea.	3720.00	80.00	3800.00
	(B) for 40 A rating	Ea.	5520.00	80.00	5600.00
	(C) for 60 / 70 A rating	Ea.	9420.00	90.00	9510.00
	(D) For 80 / 95 A Rating	Ea.	11940.00	90.00	12030.00
	(E) for 110 A rating	Ea.	14256.00	110.00	14366.00
9-1-8.	Providing and erecting AC-3 duty 3 pole power contactors spare kits (L & T, C&S, BCH,T.C. Siemens, make).				
	(A) for 25 / 32 A rating	Ea.	1152.00	60.00	1212.00
	(B) for 40 A rating	Ea.	2292.00	60.00	2352.00
	(C) for 60 / 70 A rating	Ea.	3972.00	60.00	4032.00
	(D) For 80 / 95 A Rating	Ea.	5400.00	60.00	5460.00
	(E) for 110 A rating	Ea.	6612.00	60.00	6672.00
9-1-9.	Providing and erecting AC-3 duty 3 pole power contactor thermal overload relay (L & T BCH / Siemens, / C & S / Alstom make)				
	(A) For 4 - 15 Amp. rating	Ea.	1032.00	60.00	1092.00
	(B) For 25 Amp rating,	Ea.	1524.00	60.00	1584.00
	(C) For 32 Amp. rating	Ea.	2340.00	60.00	2400.00
	(D) For 40 Amp.	Ea.	2340.00	60.00	2400.00
	[E] For 48 to 70 Amp.	Ea.	4092.00	60.00	4152.00
	(F) For 80 to 110 Amp.	Ea.	4464.00	60.00	4524.00
9-1-10	Providing and erecting AC-3 duty 4 pole A.C. Coil with 2 NO & 2 NC aux contacts complete with 415V/220V operating coil suitable for (L&T, BCH,T.C., Siemens, C&S make).				
	(A) for 25 / 32 A rating	Ea	1596.00	80.00	1676.00
	(B) for 40 A rating	Ea	2580.00	80.00	2660.00
	(C) for 60 / 70 A rating	Ea	6612.00	80.00	6692.00
	(D) For 80 / 95 A Rating	Ea	9600.00	100.00	9700.00
	(E) for 110 A rating	Ea	14400.00	110.00	14510.00
9-1-11	Providing & erecting electronic overload relay with single phasing preventer [(L&T, Alstom, BCH,T.C., Siemens, C&S make).				
	[A] for 30 to 50 Amp.	Ea	6600.00	120.00	5600.00
	[B] for 48 to 150 Amp.	Ea	7440.00	120.00	6300.00
9-1-12	Providing and erecting operating coil for power contactors				
	(A) for 32A/40A	Ea.	540.00	50.00	590.00
	(B) for 70A/110A	Ea.	1140.00	50.00	1190.00

9-1-13	Providing & erecting motor protection circuit breaker with shock proof enclosure (IP 65) erected as per direction for following motor HP 3 phase 440V A.C.				
	[A] up to 5 Hp 7 to 10 Amp.	Ea	4200.00	150.00	4350.00
	[B] up to 7.5 HP / 10 HP 12 to 18 Amp.	Ea	5460.00	150.00	5610.00
	[C] up to 15 HP 18 to 26 Amp.	Ea	5940.00	170.00	6110.00
	[D] up to 20 HP 24 to 36 Amp.	Ea	8100.00	170.00	8270.00
SECTION 9 - 2					
Meters & Panel Accessories					
9-2-1.	Supplying and erecting approved make Analog type voltmeter moving iron with square/ Round Dial, flush/pedestal mounting pattern for A.C.Voltage 0 to 500 Volt range, erected on panel board with all connection, wiring etc.	Ea.	380.00	40.00	420.00
9-2-2.	Supplying and erecting approved make panel mounting type Digital Voltmeter having 3 digits LED display, 0 to 750 AC Volts range erected on existing panel board with all connection, wiring etc .with manufacturers calibration certificate.	Ea.	1450.00	40.00	1490.00
9-2-3.	Supplying and erecting approved make Analog type moving iron Ammeter direct reading type 0-30A AC current, 500 V square /. Round dial, flush or projection type complete erected with connection and wiring.	Ea.	330.00	40.00	370.00
9-2-4.	Supplying and erecting approved make panel mounting type Digital Ammeter having 3 digits LED display, external CT operated, calibrated for 0 to 1000 Amps suitable to operate on 500 Volt AC , erected on existing panel board with all connection, wiring etc .with manufacturers calibration certificate.	Ea.	1780.00	40.00	1820.00
9-2-5.	Supplying and erecting approved make Analog type moving iron C.T operated Ammeter A C Current suitable slide in scale 0- 400 Amp. with 3 Nos. of Current Transformer erected on panel board with connections.	Ea.	1550.00	300.00	1850.00
9-2-6.	Supplying and erecting Ammeter / Voltmeter selector switch for 3 phase AC Supply 500 V on existing panel board with necessary connections.	Ea.	330.00	40.00	370.00
9-2-7.	Providing & erecting L.T. Current Transformer with bar primary 50/5 to 1000/5 ratio 15 VA burden erected in existing CRCA box duly secured with insulating materials connected to the meter	Ea.	280.00	40.00	320.00
9-2-8.	Supplying & erecting approved make Power Factor Meter 150mm dia flush/projection type/ balanced & unbalanced load to work with appropriately provided CT's 100/5A to 400/5A ratio & other accessories complete erected in M.S. box &	Ea.	5800.00	160.00	5960.00

	connected to the circuit by means of PVC copper Core leads.				
9-2-9.	Supplying and erecting approved make suitable panel indicator LED type lamp, lens cover, complete erected with necessary connections.	Ea.	40.00	10.00	50.00
9-2-10.	Supplying & erecting directly operated single phasing preventer complete erected and connected to supply up to 45 Amp. Range.	Ea.	1180.00	80.00	1260.00
SECTION 9-3					
SINGLE PHASE MONO BLOCK PUMPS					
NOTE: The head and flow of pump is showing minimum values for getting best operating efficiency.					
9-3-1.	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 32 LPM at 10 mtrs.head.				
	Cat.II	Ea.	4482.00	253.00	4735.00
	Cat.III	Ea.	6187.00	253.00	6440.00
9-3-2.	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) 40 LPM at 24 mtrs. head suitable for 25mm dia. Delivery				
	Cat.II	Ea.	6580.00	255.00	6835.00
	Cat.III	Ea.	7260.00	255.00	7515.00
	(b) 100 LPM at 14 mtrs. head suitable for 25 mm dia. delivery				
	Cat.II	Ea.	8460.00	255.00	8715.00
	Cat.III	Ea.	9295.00	255.00	9550.00
9-3-3	Supplying & erecting approved make self-priming domestic monoblock water pump with 1.5 H.P motor, suitable for operation on 230 volts, 50c/s. AC supply with metallic flange, and M.S. impeller delivery and following discharge 44 LPM at 32 Mtr head suitable 25 mm dia delivery				
	Cat. II	Ea	8010.00	255.00	8265.00
	Cat. III	Ea	8855.00	255.00	9110.00
SECTION 9-4					
OPEN WELL TYPE HORIZONTAL MONO BLOCK PUMPS					
9-4-1.	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				
	Cat. I	Ea.	6578.00	387.00	6965.00
	Cat. II	Ea.	7403.00	387.00	7790.00

	(B) 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				
	Cat. I	Ea.	7825.00	385.00	8210.00
	Cat. II	Ea.	8265.00	385.00	8650.00
	(C) 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.				
	Cat. I	Ea.	8480.00	385.00	8865.00
	Cat. II	Ea.	9040.00	385.00	9425.00
	(D) 1 HP Three phase open well motor pump set suitable for 190 LPM discharge @ 21 mtr. head, suitable for 32mm dia. delivery pipe.				
	Cat. I	Ea.	8150.00	385.00	8535.00
	Cat. II	Ea.	8700.00	385.00	9085.00
9-4-2.	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				
	Cat.I	Ea.	9030.00	385.00	9415.00
	Cat.II	Ea.	9690.00	385.00	10075.00
	[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				
	Cat.I	Ea.	9470.00	385.00	9855.00
	Cat.II	Ea.	10130.00	385.00	10515.00
	[C] For 3 HP 3 phase open well horizontal mono block pump set suitable for 85 LPM to 270 LPM @ 11 mtr to 33 mtr head suitable for 50/65 mm dia delivery pipe				
	Cat.I	Ea.	13650.00	385.00	14035.00
	Cat.II	Ea.	14970.00	385.00	15355.00
	[D] For 5 HP 3 phase open well horizontal mono block pump set suitable for 1350 LPM to 310 LPM @ 10 to 42 Mtr head suitable for 50/65 mm dia delivery pipe				
	Cat.I	Ea.	16060.00	385.00	16445.00
	Cat.II	Ea.	17930.00	385.00	18315.00
	[E] For 7.5 HP 3 phase open well horizontal mono block pump set suitable for 1550 LPM to 370 LPM @ 13.5 Mtr to 42 Mtr head suitable for 65/75 mm dia delivery pipe				
	Cat.I	Ea.	21680.00	385.00	22065.00
	Cat.II	Ea.	24980.00	385.00	25365.00
	[F] For 10 HP 3 phase open well horizontal mono block pump set suitable for 1725 LPM to 940 LPM @ 15 to 36 MTR head suitable for 65/80 mm dia delivery pipe				
	Cat.I	Ea.	25070.00	385.00	25455.00
	Cat.II	Ea.	27390.00	385.00	27775.00

**SECTION 9-5
STARTER PANELS**

Note: In all the starter item without enclosure / panel 10% rate decrease.

9-5-1.	Supplying & erecting approved make Automatic liquid level controller 6A. with sensor testing as per instruction of Engineer in charge on site complete with wiring connection with existing wires , with copper conductor from pump to upper and lower tank.	Ea.	2640.00	110.00	2750.00
9-5-2	Supplying & erecting approved make motor control cubical panel (Direct - on - line) made from 16 G. CRCA sheet duly epoxy powder painted inside and outside with hinged doors and locking, arrangement consisting of suitable size of ON- OFF isolator (AC - 3/23duty) main fuses, single phasing preventer, indicating lamps for R- Y - B phases, overload relay, Automatic water level controller, Ammeter, Voltmeter each with two way selector switch incoming, wires duly socket crimped, main contactor & overload relay, start - stop push buttons, to be erected on angle iron frame grouted on wall as directed. The isolator, overload relay & contactors will be of L & T, Siemens or BCH make only.				
	(A) DOL upto 5 H.P.	Ea.	8745.00	275.00	9020.00
	(B) DOL for 7.5 H.P.	Ea.	9900.00	275.00	10175.00
9-5-3	Supplying & erecting approved make motor control cubical panel [Star delta] made from 16G CRCA sheet duly epoxy powder painted inside and outside with hinged doors and locking with suitable size of ON - OFF isolator (AC 3 / 23 duty) main fuses. Digital volt and current meter (in a single unit) with micro controller based control unit and current sensing single phasing preventer electronic overload protection, over voltage (Programmable) protection and under voltage (Programmable) protection, prod less dry run protection programming facility for setting of all parameter like overload current, high voltage limit, low voltage limit, dry run limit with digital indication on seven segment LED display for any fault like over load, high voltage, low voltage, dry running single crimped, electronic star delta timer, feather touch start / stop push buttons to be erected on angle iron frame. Grouted on wall the contactors will be of L& T, Siemens, BCH make only)				
	(A) DOL up to 5.0 H.P.	Ea	8195.00	275.00	8470.00
	(B) DOL for 7.5 H.P.	Ea	10120.00	275.00	10395.00

9-5-4	Supplying & erecting approved make 3 phase motor control cubical panel (Star - Delta) made from 16 G. CRCA sheet duly painted with epoxy powder painted inside and outside with hinged doors and locking arrangement, consisting of suitable size of ON- OFF isolator (AC - 3/23 duty) main fuses, single phasing preventer cum water level. Guard (Complete unit), Toggle switch to by pass Single phase preventer cum WLG, indicating lamps for R- Y- B phases, over load relay, Automatic water level controller, Ammeter & Voltmeter each with two way selector switch incoming wires duly socket Crimped, Panel to be erected on angle iron frame grouted on wall as directed. Star Delta & main contactor, overload relay, thermal / Electronic Star delta cutoff timer, start - stop push buttons. The isolator overload relay & contactors of L& T, Siemens or Cuttler Hamer make only. Panel to be erected on angle iron frame ground on wall.				
	(A) S/D up to 7.5 H.P.	Ea.	14850.00	330.00	15180.00
	(B) S/D up to 10 H.P.	Ea.	15565.00	330.00	15895.00
	(C) S/D up to 12.5 H.P.	Ea.	16445.00	440.00	16885.00
9-5-5	Supplying & erecting approved make motor control cubical panel [Star delta] made from 16G CRCA sheet duly epoxy powder painted inside and outside with hinged doors and locking with suitable size of ON - OFF isolator (AC 3 / 23 duty) main fuses. Digital volt and current meter (in a single unit) with micro controller based control unit and current sensing single phasing preventer electronic overload protection, over voltage (Programmable) protection and under voltage (Programmable) protection, prod less dry run protection programming facility for setting of all parameter like overload current, high voltage limit, low voltage limit, dry run limit with digital indication on seven segment LED display for any fault like over load, high voltage, low voltage, dry running single crimped, electronic star delta timer, feather touch start / stop push buttons to be erected on angle iron frame. Grouted on wall the contactors will be of L& T, Siemens , BCH make only)				
	(A) S/D up to 7.5 H.P.	Ea.	15070.00	330.00	15400.00
	(B) S/D up to 10 H.P.	Ea.	15785.00	330.00	16115.00
	(C) S/D up to 12.5 H.P.	Ea.	16720.00	440.00	17160.00

SECTION 9-6 SUBMERSIBLE PUMPS					
9-6-1.	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				
	Cat.I	Ea.	13695.00	0.00	13695.00
	Cat.II	Ea.	15180.00	0.00	15180.00
	(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				
	Cat.I	Ea.	15620.00	0.00	15620.00
	Cat.II	Ea.	17140.00	0.00	17140.00
	(c) Motor rating 2 HP (17 stage) pump having capacity of 106 LPM at 40 mtr head suitable for 32 mm dia. delivery pipe				
	Cat.I	Ea.	16170.00	0.00	16170.00
	Cat.II	Ea.	17900.00	0.00	17900.00
	Note:- Add or less Rs. 450/- for Additional / Less Stage				
9-6-2.	Supplying submersible pump set suitable for bore of 100 mm. dia. or more having three phase motor capacity not more than 3 H.P. of different range with following capacity				
	(A) (20 stage) 170 to 185 LPM discharge at 57 to 48 mtrs. Respectively head suitable for 50 mm dia. delivery pipe				
	Cat.I	Ea.	17460.00	0.00	17460.00
	Cat.II	Ea.	18910.00	0.00	18910.00
	Cat.III	Ea.	20350.00	0.00	20350.00
	(B) (15 stage) 130 LPM discharge at 50 mtrs. Respectively head suitable for 50 mm dia. delivery pipe				
	Cat.I	Ea.	16830.00	0.00	16830.00
	Cat.II	Ea.	18260.00	0.00	18260.00
	Cat.III	Ea.	19690.00	0.00	19690.00
	(C) (12 stage) 130 LPM discharge at 54 mtrs. Respectively head suitable for 50 mm dia. delivery pipe				
	Cat.I	Ea.	15950.00	0.00	15950.00
	Cat.II	Ea.	17380.00	0.00	17380.00
	Cat.III	Ea.	18700.00	0.00	18700.00
	Note:- Add or less Rs. 500/- for Additional / Less Stage				
9-6-3.	Supplying submersible pump set suitable for bore of 100 mm. dia. or more having three phase motor capacity not more than 5 H.P. with following capacity ..				
	(A) (25 stage) 120 to 125 LPM discharge at 155 to 120 mtrs. head respectively suitable for 50 mm dia. delivery pipe				

	Cat.I	Ea.	21780.00	0.00	21780.00
	Cat.II	Ea.	23100.00	0.00	23100.00
	Cat.III	Ea.	26180.00	0.00	26180.00
	(B) (16 stage) 140 to 180 LPM discharge at 96 to 69 mtrs. head respectively suitable for 50mm dia. delivery pipe				
	Cat.I	Ea.	18920.00	0.00	18920.00
	Cat.II	Ea.	20350.00	0.00	20350.00
	Cat.III	Ea.	21780.00	0.00	21780.00
	Note:- Add or less Rs. 550/- for Additional / Less Stage				
9-6-4.	Supplying submersible pump set suitable for bore of 150 mm. dia. or more having three phase motor capacity not more than 5 H.P. with following capacity ..				
	(A) (8 stage) 240 to 200 LPM discharge at 70 to 78 mtrs. head respectively suitable for 50mm dia. delivery pipe				
	Cat.I	Ea.	25850.00	0.00	25850.00
	Cat.II	Ea.	29920.00	0.00	29920.00
	Cat.III	Ea.	32450.00	0.00	32450.00
	(B) (5 stage) 410 to 350 LPM discharge at 40 to 36 mtrs. head respectively suitable for 50mm dia. delivery pipe				
	Cat.I	Ea.	23980.00	0.00	23980.00
	Cat.II	Ea.	28050.00	0.00	28050.00
	Cat.III	Ea.	31570.00	0.00	31570.00
	Note:- Add or less Rs. 600/- for Additional / Less Stage				
9-6-5.	Supplying submersible pump set suitable for bore of 150 mm. dia. or more having three phase motor capacity not more than 7.5 H.P. with following capacity ..				
	(A) (12 stage) 280 to 240 LPM discharge at 90 to 104 mtrs. head respectively suitable for 50mm dia. delivery pipe				
	Cat.I	Ea.	28050.00	0.00	28050.00
	Cat.II	Ea.	31240.00	0.00	31240.00
	Cat.III	Ea.	34650.00	0.00	34650.00
	(B) (8 stage) 390 to 350 LPM discharge at 62 to 70 mtrs. head respectively suitable for 50mm dia. delivery pipe				
	Cat.I	Ea.	25850.00	0.00	25850.00
	Cat.II	Ea.	29260.00	0.00	29260.00
	Cat.III	Ea.	32670.00	0.00	32670.00
	Note:- Add or less Rs. 650/- for Additional / Less Stage				
9-6-6	Supplying submersible pump set suitable for bore of 150 mm dia or more having 3 phase motor capacity not less than 10 HP with following capacity.				
	[A] 10 stage 575 to 480 LPM discharge at 60 to 70 mtr head for 65 mm dia delivery pipe				
	Cat.I	Ea	33495.00	0.00	33495.00

	Cat.II	Ea	35200.00	0.00	35200.00
	Cat.III	Ea	38610.00	0.00	38610.00
	[B] 20 stage 210 to 160 LPM discharge at 148 to 173 mtr head for 50 mm dia delivery pipe				
	Cat.I	Ea	38610.00	0.00	38610.00
	Cat.II	Ea	40370.00	0.00	40370.00
	Cat.III	Ea	43230.00	0.00	43230.00
	[C] 25 stage 160 to 100 LPM discharge at 185 to 220 mtr head for 50 mm dia delivery pipe				
	Cat.I	Ea	43890.00	0.00	43890.00
	Cat.II	Ea	45650.00	0.00	45650.00
	Cat.III	Ea	47850.00	0.00	47850.00
	Note:- Add or less for Item No 9-6-6 Rs. 900/- for Additional / Less Stage				
9-6-7.	Supplying submersible pump set for bore of 150 mm. dia. Or more having 3 phase motor capacity not more than 12.5 H.With following capacity				
	(A)12 Stage, 390 to 350 L.P.M. discharge at the head about 95 to 107 mtrs. suitable for 50 mm dia. Delivery pipe				
	Cat.I	Ea.	34870.00	0.00	34870.00
	Cat.II	Ea.	41800.00	0.00	41800.00
	Cat.III	Ea.	47850.00	0.00	47850.00
	(B)25 Stage, 210 to 140 L.P.M. discharge at the head about 185 to 229 mtrs. suitable for 50 mm dia. Delivery pipe				
	Cat.I	Ea.	42900.00	0.00	42900.00
	Cat.II	Ea.	44550.00	0.00	44550.00
	Cat.III	Ea.	48510.00	0.00	48510.00
	Note:- Add or less Rs. 950/- for Additional / Less Stage				
9-6-17.	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	0.00	2000.00	2000.00
	(B)Above 60 mtrs. and Up to 120 mtrs.	Per Job	0.00	3000.00	3000.00
	(C)Above 120 mtr.	Per Job	0.00	3500.00	3500.00
	(D)For Open well Horizontal submersible pump set for sump well				
	(i) 1 HP to 5 HP	Per Job	0.00	1000.00	1000.00
	(ii) 7.5HP to 15 HP	Per Job	0.00	1500.00	1500.00
	(iii)Above 15 HP	Per Job	0.00	2000.00	2000.00
9-6-18.	Lowering of submersible motor pump set at the depth of following ,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	0.00	2000.00	2000.00

(B)Above 60 mtrs. and Up to 120 mtrs.	Per Job	0.00	3000.00	3000.00
(C)Above 120 mtr. (D)For Open well Horizontal submersible pump set for sump well	Per Job	0.00	3500.00	3500.00
(i) 1 HP to 5 HP	Per Job	0.00	1000.00	1000.00
(ii) 7.5HP to 15 HP	Per Job	0.00	1500.00	1500.00
(iii)Above 15 HP	Per Job	0.00	2000.00	2000.00

- Note :- (1) The rate of any extra item or miscellaneous item to be executed shall be as per the government S.O.R. of the year 2025-26 with effect of rates (above/ below/ at par) quoted in bid. The item which are not in S.O.R rates are consider as per market rate.**
- (2) Work Shall be carried out limit of Rs.2,00,000/- (Including GST) OR 1 Year Time limit**

SD

**Executive Engineer
South East Zone (Limbayat)
Surat Municipal Corporation**

I/We here agree to execute the above mentioned description of a work in accordance the accompanying specification and condition in consideration of the quantity of the work to be executed at PAR rate i .e. same cost / at 12.50 % (Percentage) in word Twelve Point Five Zero Percentage Above amount shown in Schedule - B

SEAL & SIGNATURE OF THE TENDERER:-