

N.O.W: ANNUAL MAINTENANCE & REPAIR ( ELECTRICAL& MACHINERY IN GDA AREA 2017-18.

**BILL OF QUANTITY.**

Estimated Cost: Rs.2,000,000/-

E/Monery: Rs.40,000/-

Time Limit: 30th June, 2018.

S.NO.	DESCRIPTION.	RATE
1	F/Instt: 30-60 Ampare Starter (D.O.L)	
	a. Reikon delta	Rs.24,000/-
	b. Siemens delta.	Rs.45,000/-
	F/Instt: 70-120 Ampare starter (D.O.L)	Rs.45,000/-
2	F/Instt: of MCU 30-60 Ampare.	Rs.58,000/-
3	F/Instt. of Main Switch / Saker Electric Bracket (Foreign made) of the following capacity.	
	a. 30 Ampare	Rs.8,000/-
	b. 60 Ampare	Rs.18,000/-
	c. 100 Ampare	Rs.20,000/-
4	Greasing / Cleaning of Electric Motor i/c Over Haling of Starter and Main Switch	Rs.8,000/-
5	F/Instt. of Thrust Bearing for Motors OR / RTR (Foreign made)	
	a. 10 HP	Rs.1,000/-
	b. 15HP	Rs.3,000/-
	c. 20HP	Rs.6,000/-
	d. 25HP	Rs.8,000/-
	e. 30 HP	Rs.10,000/-
	f. 40 HP	Rs.12,000/-
	g. 50HP	Rs.14,000/-
	h. 70 HP	Rs.16,000/-
	i. 100HP	Rs.18,000/-
	j. 120HP	Rs.18,000/-
	k. 250HP	Rs.20,000/-

6	S/ Instt. of Ball Bearing for Flange Shaft Vertical Electric Motor / SKF/NTN Foreign Made)		
	a.	10 to 25 H.P	Rs.5,000/-
	b.	26 to 40 H.P	Rs.8,000/-
	c.	50 to 100 H.P	Rs.10,000/-
	d.	120 to 270 H.P	Rs.12,000/-
7	Rewinding of Turbine / centrifugal electric motors of different HP i/c carriage from site of work and Back testing Instt: etc: Complete		
	a.	10 HP	Rs.1000/HP
	b.	15HP	Rs.1000/HP
	c.	20HP	Rs.1000/HP
	d.	25HP	Rs.1000/HP
	e.	30HP	Rs.1000/HP
	f.	40HP	Rs.1000/HP
	g.	50HP	Rs.1000/HP
	h.	70HP	Rs.1000/HP
	i.	100HP	Rs.1000/HP
	j.	120HP	Rs.1000/HP
	k.	250HP	Rs.1000/HP
<b>TRANSFORMER.</b>			
8	Rewinding of HT coil (Complete portion)		
	a.	50 KVA	Rs.10,000/-
	b.	25 KVA	Rs.10,000/-
	c.	100 KVA	Rs.15,000/-
	d.	200 KVA	Rs.20,000/-
	e.	300 KVA	Rs.20,000/-
9	S/Fixing of LT coil		
	a.	50 KVA	Rs.10,000/-
	b.	25 KVA	Rs.10,000/-
	c.	100 KVA	Rs.10,000/-
	d.	200 KVA	Rs.15,000/-
	e.	300 KVA	Rs.15,000/-
10	S/F of Insulator Bush for		

	a.	50 KVA	Rs.1,000/-
	b.	25 KVA	Rs.1,000/-
	c.	100 KVA	Rs.1,000/-
	d.	200 KVA	Rs.1,000/-
	e.	300 KVA	Rs.1,000/-
11	S/Fixing of Transformer Bush		Rs.5,000/-
12	S/Fixing of Regulator for Transformer		Rs.500/-
13	S/F Transformer links.		Rs.1,500/-
16	S/F Wire 7/064 (Pak Cable)		Rs.338/M
17	S/F Wire 19/064 (Pak Cable)		Rs.587/M
18	S/F wire 19/044 (Pak Cable)		Rs.600/M
19	S/F of Transformer oil		Rs.250/Ltr
	<b>MECHANICAL WORKS.</b>		
20	Repair/ Reconditioning of Impellers.		Rs.1,000/-
21	Repair of Top Shaft		Rs.3,000/-
22	Repair of Pump Shaft		Rs.3,000/-
23	S/F of Disc /Thrust Bearing (KSB)		Rs.10,000/-
24	S/F of Head Flange		Rs.2,000/-
25	Supply of Grease (Good quality)		Rs.1200/KG
26	Supply of Gland Stuffing Cotton Wire		Rs.1900/KG
27	Back Valve / Refled Valve.		
28	2" Dia.		Rs.1500/-
29	3" Dia.		Rs.1500/-
30	5" Dia.		Rs.1800/-
31	6" Dia.		Rs.1800/-
32	Welding Per Rod.		Rs.300/-
33	S/F Four core cable.		
34	19/040		Rs.800/M
35	19/045		Rs.600/M
36	19/52		Rs.400/M

37	19/025	Rs.800/M
38	Extraction Centrifugal Pumping units and Instt: after necessary repair	Rs.10,000/-

**TOTAL = Rs.588,375/-**

Rate \_\_\_\_\_ % Above/Below/ At Par.

**TERMS AND CONDITONS.**

- i. Specification of PHED and new composite MRS 2017 are to be followed.
- ii. The cost of unserviceable / replaced materials will be deducted from contractor at 3% (Three Percent) of the amount paid for the partkjicular items (Pumps Motor etc)
- iii. The contractor shall have to complete all the damage works / replacement required including all carriage and installation within one week from the date of written / telephoneic report conveyed by the department. In case of failure of the contgracto to carry out the work an action would be taken against contractor under contract agreement.
- iv. Contractor will be responsible for repair / restoration of under ground utilities like water lines / sewer Sui Gas and Telephone cable etc at own cost without additional payment.

**CONTRACTOR'S STAMP/ SIGNATURE**