

MTI LADY READING HOSPITAL, PESHAWAR

SPECIFICATONS FOR THE REPAIR OF GENERATORS 2016-2017

S.No	SPECIFICATIONS	RATE
1.0	<u>20KVA</u> (Engine Model # GV-3200-50-B) (Engine S.N # A072238-7)	
1.1	a. Auto System Repair	
1.2	b. Auto System New Installation	
1.3	c. Manual System Repair	
1.4	d. Diesel Tank Repair	
1.5	e. Filter Change	
1.5a	i) Air Filter	
1.5b	ii) Oil Filter	
1.5c	iii) Diesel Filter	
1.6	f. Radiator Wash	
1.7	g. Radiator D Scaling	
1.8	h. Radiator Repairing	
1.9	i. Dynamo Repair	
1.10	j. Self motor repair	
1.11	k. Self motor replacement	
1.12	l. AVR repair	
1.13	m. AVR replacement	
2.0	<u>42 KVA</u> (Engine Model # N/A) (Engine S.N # U812230C)	
2.1	a. Auto System Repair	
2.2	b. Auto System New Installation	
2.3	c. Manual System Repair	
2.4	d. Diesel Tank Repair	
2.5	e. Filter Change	
2.5a	i) Air Filter	
2.5b	ii) Oil Filter	
2.5c	iii) Diesel Filter	
2.6	f. Radiator Wash	

2.7	g. Radiator D scaling	
2.8	h. Radiator Repairing	
2.9	i. Dynamo Repair	
2.11	j. Self motor repair	
2.12	k. Self motor replacement	
2.13	l. Governor Repair (Fuel Pump Repairing)	
2.14	m. AVR Repair	
2.15	n. AVR Replacement	
3.0	100KVA (Engine Model # HAL Yan mar) (Engine S.N # 12376)	
3.1	a. Auto System Repair	
3.2	b Auto System New Installation	
3.3	c Manual System Repair	
3.4	d. Diesel Tank Repair	
3.5	e. Filter Change	
3.5a	i) Air Filter	
3.5b	ii) Oil Filter	
3.5c	iii) Diesel Filter	
3.6	f. Radiator Wash	
3.7	g. Radiator D Scaling	
3.8	h. Radiator Repairing	
3.9	i. Dynamo Repair	
3.10	j. Self motor repair	
3.11	k. Self motor replacement	
3.12	l. Governor Repair (Fuel Pump Repairing)	
3.13	m. AVR Repair	
3.14	n. AVR Replacement	
4.0	<u>250KVA</u> (Engine Model # Perkins 2000) (Engine S.N # 8B28024U91687X)	
4.1	a. Auto System Repair	
4.2	b Auto System New Installation	
4.3	c Manual System Repair	
4.4	d. Diesel Tank Repair	
4.5	e. Filter Change	
4.5a	i) Air Filter	

4.5b	ii) Oil Filter	
4.5c	iii) Diesel Filter	
4.6	f. Radiator Wash	
4.7	g. Radiator D scaling	
4.8	h. Radiator Repairing	
4.9	i. Dynamo Repair	
4.10	j. Self motor repair	
4.11	k. Self motor replacement	
4.12	l. AVR Repair	
4.13	m. AVR Replacement	
5.0	<u>300 KVA</u> (Engine Model # 1100 series Perkins) (Engine S.N # U514907U) (Engine Model # NT855-G6) (Engine S.N # 12016359)	
5.1	a. Auto System Repair	
5.2	b. Auto System New Installation	
5.3	c. Manual System Repair	
5.4	d. Filter Change	
5.4a	i) Air Filter	
5.4b	ii) Oil Filter	
5.4c	iii) Diesel Filter	
5.5	e. Radiator Wash	
5.6	f. Radiator D Scaling	
5.7	g. Radiator Repairing	
5.8	h. Dynamo Repair	
5.9	i. Self motor repair	
5.10	j. Self motor replacement	
5.11	k. AVR Repair	
5.12	l. AVR Replacement	
	<u>325 KVA</u> (Engine Model # 2006TWG2) (Engine S.N # 8028117U91556X)	
6.1	a. Auto System Repair	
6.2	b. Auto System New Installation	
6.3	c. Manual System Repair	
6.4	d. Diesel Tank Repair	

6.5	e. Filter Change	
6.5a	i) Air Filter	
6.5b	ii) Oil Filter	
6.5c	iii) Diesel Filter	
6.6	f. Radiator Wash	
6.7	g. Dynamo Repair	
6.8	h. Self motor repair	
6.9	i. Self motor replacement	
7.0	<u>500KVA</u> (Engine Model # QSX15-G8) (Engine S.N # 79103127)	
7.1	a. Auto System Repair	
7.2	b. Auto System New Installation	
7.3	c. Manual System Repair	
7.4	d. Diesel Tank Repair	
7.5	e. Electronic Circuit Repair	
7.6	f. Filter Change	
7.6a	i) Air Filter	
7.6b	ii)Oil Filter	
7.6c	iii) Diesel Filter	
7.7	g. Radiator Wash	
7.8	h. Radiator D Scaling	
7.9	i. Radiator Repair	
7.10	j. Dynamo Repair	
7.11	k. Self motor repair	
7.12	l. Self motor replacement	
7.13	m. AVR Repair	
7.14	n. AVR Replacement	
8.0	<u>Magnetic Coil Contactor (Green Power, Merlin Gerin, Schneider)</u>	
8.1	a. 150 Amp	
8.2	b. 200Amp	
8.3	c. 300Amp	
8.4	d. 500Amp	
9.0	<u>Silencer Pipe</u>	
	Silencer Pipe	

10.0	<u>Flexible Cable</u>	
10.1	a. Flexible cable 1.5 sq mm per meter rate	
10.2	b. Flexible cable 2.5 sq mm per meter rate	
11.0	<u>Manual Change Over (Sample Approved by Engineer In charge)</u>	
11.1	a. 300 Amp	
11.2	b. 500 Amp	
12.0	<u>Batteries(AGS, Exide) (Full 27 PLATES)</u>	
12.1	a. 100 AH	
12.2	b. 200 AH	
12.3	c. 220 AH	
12.4	c. 240 AH	
13.0	<u>Battery Charger (Dato Kom , Sonnet, Siemens)</u>	
13.1	a. 12v	
13.2	b. 24v	
14.0	<u>Temperature Gauge</u>	
14.1	Installation of Temperature Gauge	
15.0	<u>Relays</u>	
15.1	a. 11pin 12 volt	
15.2	b. 08 pin 12 volt	
15.3	c. 220 volt	
16.0	<u>Timer</u>	
16.1	a. 12 volt	
16.2	b. 24 volt	
16.3	c. 220 volt	
17.0	<u>Coolent</u>	
17.1	Radiator Coolent water per liter	
TOTAL COST (RS)		

Conditions for Generator Repair Contract:

- 1.0 The Replace parts must be returned to Equipment store MTI Lady Reading
- 1.0 The Acceptance of the Repair work will be subject to Inspection by
Inspection Committee / Electrical Engineer LRH.
- 3.0 Crain, Transportation and checking of defective generator will provide by

Workshop free of cost.

4.0 If the repair work /parts is found below standard or does not confirm to our Requirement will be Rejected.

5.0 Warranty /Guarantee of the repair and replaced parts will be 05 months.

6.0 Before opening the defective generator and taking defective parts for Repair, the defective generator should be inspected in the presence of Electrical Engineer of this hospital.