



**Lady Reading Hospital (LRH)  
Medical Teaching Institution (MTI)  
Peshawar**

Contact No: 091-9211927

**BID SOLICITATION DOCUMENTS**  
**(Single Stage Two Envelop)**  
**For**

S N	Name of Work	Tender	Call Deposit Rs	PEC Code Required for the work
1	<b>Annual Maintenance &amp; Repair of Generators for the Year 2024-2025</b>	1 <sup>st</sup>	200,000/-	ME-04 & EE-04

**Note:** The prospective bidder is expected to examine the Bidding Documents carefully, including all Instructions, Terms & Conditions, and Specifications etc. Failure to furnish all information required by the Bidding documents or submission of a Bid not substantially responsive to the Bidding Documents in every respect would result in the rejection of the Bid.

## INTRODUCTION:

Medical Teaching Institution (MTI)/ Lady Reading Hospital Peshawar invites. Item wise sealed bids from the eligible bidders (Suppliers) for the Annual Maintenance & Repair Contract of Generators for the Hospital. Open Competitive Bidding under rule 6(2) (a) **“Single Stage Two Envelope”** bidding procedures of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Rules 2014.

## 1) SCOPE OF WORK:

This hospital has 18 no' s of generators from 42 Kva to 800 Kva requiring preventive maintenance / Repairing and servicing contract. Detail of generators and their quantities are as under:

SN	Rating of Generator	Quantity
1)	42 Kva	01 No
2)	65 Kva	01 No
3)	100 – 110 Kva	05 Nos
4)	200-250 Kva	03 Nos
5)	300-325 Kva	04 Nos
6)	500 Kva	01 No
7)	800 Kva	03 Nos
<b>Total Number of Generators</b>		<b>18 Nos</b>

The contractor shall provide maintenance / servicing facilities for the above Generators to ensure trouble free operation and smooth service in case of any fault in generators the same shall be attended promptly by the contractor. This service contract includes and the contractor will be responsible for daily cleaning, emergency repairs, controls, preventive and routine maintenance and routine safety inspection and as per details mentioned in the special conditions. Major repair and consumables items when required are not included in the scope of work.

The contractor shall provide all labor, tools, instrumentation, travel and equipment to satisfactory complete the services.

## 2) INSTRUCTIONS TO BIDDERS:

1. This Bidding procedure will be conducted in light of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Laws, Rules made there under along with Standard Bidding Documents.
2. The bids will be opened on \_\_\_\_\_ – **2024 at 11:30 AM** in presence of the bidders / representatives who choose to attend.
3. Pre-bid meeting with the interested bidders will be held on \_\_\_\_\_ - **2024 at 11:00 AM** in MMD Office of the Institution.
4. Any bid received after the deadline for submission of bids shall not be entertained and shall be returned unopened to the Bidder.
5. The bid should be complete in all respect and must be signed by the bidder.
6. All prices quoted must be in Pak Rupees (PKR) and should include all applicable taxes. If not specifically mentioned in the Quotation, it will be presumed that the prices include all the taxes.
7. Bidders are essentially required to provide correct and latest postal / email / web addresses, phone / mobile / fax numbers for actively and timely communication.

8. For any query, clarification regarding Services / Bid Solicitation Documents, the applicants may send a written request at least one day prior to the opening date.
9. Any bid not received as per terms and conditions laid down in this document are liable to be ignored. No offer shall be considered if:
  - a. Received without earnest money;
  - b. It is received after the date and time fixed for its receipt;
  - c. The offer is ambiguous;
  - d. The offer is conditional i.e. advance payment, or currency fluctuations etc.;
  - e. The offer is from blacklisted firm in any Federal / Provincial Govt. Deptt:
  - f. Only typed tender on original prescribing letter pad, sealed & signed (Every Page) should be submitted, the quoted Price must be pre printed and hand written quoted price will not be acceptable. The tenders must be according to hospital specification; alternate rates will not be acceptable
10. Usage of correction fluid & corrections are strictly prohibited unless duly initiated.
11. Any erasing / cutting etc. appearing on the offer, must be properly signed by the person signing the tender.
12. Bids will be rejected if the Bid is in some way connected with bids submitted under names different from his own.
13. In case of Bid Tie, the decision will be taken by making toss / draw / Recall sealed quotation in front of the bidders.
14. Any direct or indirect effort by a bidding firm to influence this institution during the process of selection of a bidder or award of contract may besides rejection of its bid result into its disqualification from participation in the LRH Peshawar's future bids.

## **2) ELIGIBILITY CRITERIA:**

1. Bidders must give compliance to the below mentioned clauses as these are mandatory to being eligible for the bidding process. Relevant certificates must be attached.
2. Renewed PEC Certificate / Renewal fee Receipt of PEC Registration.
3. PEC Code of specialization required for the work ME-03, ME-06, ME-04 & EE-04
4. The bidder must be reflected as Active Tax Payer on the list of FBR.NTN/KNTN and Kpk Professional tax.
5. The Job Execution method for schedule of preventive maintenance and service of generators (Daily, Weekly, Monthly, Quarterly and Yearly) must be attached with the technical bid.
6. List of special technical and electrical tools for job execution must be attached with technical bid.
7. List of skilled staff on 100 rupees stamp paper with a copy of appointment letter and most recent salary slip including copy of certificates / diploma and experience.
8. The bidder shall provide an undertaking that the bidder has not been declared black listed by any Governmental / Semi-Governmental institutions on 100 rupees stamp paper

9. Bidders shall not be eligible to bid if they are under a declaration of Ineligibility for corrupt and fraudulent practices issued by any government organization in accordance with the Section 44(1) KPP Rules 2014.
10. Computerized National Identity Card (photo-copy)
11. Certificate / Affidavit must provide by the firm for their response time (30-40 minutes) in case of any fault / complaint receive by the hospital concerned on 100 rupees stamp paper.

### **3. GENERAL CONDITIONS: -**

1. LRH Peshawar shall evaluate the proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements.
2. Alternative bid shall not be considered and shall be rejected by the Competent Authority.
3. At any time prior to the deadline for submission of bids, LRH Peshawar may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents by amendment.
4. If a bid is not substantially responsive, it will be rejected by the Procuring Entity and may not subsequently be made responsive by the Bidder by correction of the nonconformity.
5. MTI / LRH Peshawar may accept or reject any or all of the bids under Rule 47 of KPPRA Rules, 2014.

### **4. BID SECURITY:**

**Bid security @200,000/-** drawn in favor of "Hospital Director LRH Hospital" should be kept sealed in the proposal.

**The bid security may be forfeited:**

- i) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form; or
- ii) In the case of a successful Bidder, if the Bidder fails to sign the contract or to furnish performance Guarantee.

### **5. BID VALIDITY:**

- i) The bids should be valid for a period of 180 days.
- ii) In exceptional circumstances, LRH Hospital may solicit the Bidder's consent to an extension of the period of validity reasons shall be recorded in writing. The request and the responses there to shall be made in writing. The bid security provided shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid, except as provided in the bidding document

## 6. SPECIFICATION AND CONDITIONS FOR THE REPAIR OF GENERATORS FY 2024-2025

S. No	REPAIR / REPLACE PARTS	Unit Price
A	<b>42 KVA (Engine Model # N/A) (Engine S.N # U812230C)</b>	
	1. Repair of ATS with MOR Panel	
	2. Replacement of ATS with MOR Panel	
	3. Diesel Tank Repair	
	4. Filter Change	
	i) Air Filter	
	ii) Oil Filter	
	iii) Diesel Filter	
	5. Water Separator	
	6. Radiator Wash / Scaling / D Scaling	
	7. Radiator Repairing	
	8. Replacement of Radiator / ducting	
	9. Repair of Atomizer	
	10. Replacement of Atomizer	
	11. Dynamo Repair	
	12. Self-motor repair	
	13. Self-motor replacement	
	14. Governor Repair	
	17. AVR and Diode Replacement	
	18. Repair of Cylinder Head Group	
	19. Replacement of Cylinder Head Group	
	20. Repair of Cylinder Block Group	
	21. Replacement of Piston & Rod Group	
	22. Replacement of Valve Mechanism Group	
	24. Repair of Fuel Pump	
	25. Replacement of Fuel pump Group	
	26. Repair of Nozzle	
	27. Replacement of Nozzle	
	28. Replacement of Water body group	
	29. Repair of Turbocharger Group	
	30. Replacement of Turbocharger Group	
	31. Replacement of Housing & Regulator Group	
	32. Replacement of Water Line Group	
	33. Replacement of Crank Breather Group	
	34. Replacement of Generator Bearing Group	
	35. Replacement of Camshaft Group	
	36. Replacement of Gasket Group	
	37. Replacement of Engine Pump Group	
	38. Replacement of Vee Belt Set	
	39. Replacement of Fan Drive Group	

S. No	REPAIR / REPLACE PARTS	Unit Price
	40.Replacement of Engine Wiring Group	
	41.Replacement of Parameters (Oil/Hour/Temp)	
	42.New Fuel Analogue Gauge	
	43.New Flow Meter	
	44.Repair of Canopy door and lock	
	45.Repainting of Canopy	
	46.Repair of Muffler/Exhaust piping	
	47.Replacement of Muffler /exhaust piping	
	48.Replacement of Battery Cables with Jumper	
B	<b>100-110 KVA (Engine Model # 1100 series Perkins) (Engine S.N U514907U) (Engine Model # HAL Yan mar) (Engine S.N # 12376)</b>	
	1. Repair of ATS with MOR Panel	
	2. Replacement of ATS with MOR Panel	
	3. Repair of Module	
	4. Replacement of Module	
	5. Diesel Tank Repair	
	6. Filter Change	
	i) Air Filter	
	ii) Oil Filter	
	iii) Diesel Filter	
	7.Water Separator	
	8. Radiator Wash / Scaling / D Scaling	
	9. Radiator Repairing	
	10. Replacement of Radiator / ducting	
	11. Repair of Atomizer	
	12. Replacement of Atomizer	
	13. Dynamo Repair	
	14.Self-motor repair	
	15. Self-motor replacement	
	16. Governor Repair	
	17. AVR and Diode Replacement	
	18. Repair of Cylinder Head Group	
	19. Replacement of Cylinder Head Group	
	20. Repair of Cylinder Block Group	
	21. Repair of Piston & Rod Group	
	22. Replacement of Piston & Rod Group	
	23. Replacement of Valve Mechanism Group	
	24. Repair of Fuel Pump	
	25. Replacement of Fuel pump Group	
	26. Repair of Nozzle	
	27. Replacement of Nozzle	
	28.Replacement of Water body group	
	29.Repair of Turbocharger Group	

S. No	REPAIR / REPLACE PARTS	Unit Price
B	<b>100-110 KVA (Engine Model # 1100 series Perkins) (Engine S.N U514907U) (Engine Model # HAL Yan mar) (Engine S.N # 12376)</b>	
	30. Replacement of Turbocharger Group	
	31. Replacement of Housing & Regulator Group	
	32. Replacement of Water Line Group	
	33. Replacement of Crank Breather Group	
	34. Replacement of Generator Bearing Group	
	35. Replacement of Camshaft Group	
	36. Replacement of Gasket Group	
	37. Replacement of Engine Pump Group	
	38. Replacement of Vee Belt Set	
	39. Replacement of Fan Drive Group	
	40. Replacement of Engine Wiring Group	
	41. Replacement of Parameters (Oil/Hour/Temp)	
	42. New Fuel Analogue Gauge	
	43. New Flow Meter	
	44. Repair of Canopy door and lock	
	45. Repainting of Canopy	
	46. Repair of Muffler/Exhaust piping	
	47. Replacement of Muffler /exhaust piping	
	48. Replacement of Battery Cables with Jumper	
	49. Major Overhauling labor charges	
C	<b>200-250 KVA (Engine Model # Perkins 2000) (Engine S.N # 8B28024U91687X)</b>	
	1. Repair of ATS with MOR Panel	
	2. Replacement of ATS with MOR Panel	
	3. Repair of Module	
	4.Replacement of Module	
	5. Diesel Tank Repair	
	6. Filter Change	
	i) Air Filter	
	ii) Oil Filter	
	iii) Diesel Filter	
	7.Water Separator	
	8. Radiator Wash / Scaling / D Scaling	
	9. Radiator Repairing	
	10. Replacement of Radiator / ducting	
	11. Repair of Atomizer	
	12. Replacement of Atomizer	
	13. Dynamo Repair	
	14. Self-motor repair	
	15. Self-motor replacement	
	16. Governor Repair	
	17. AVR and Diode Replacement	
	18. Repair of Cylinder Head Group	
	19.Replacement of Cylinder Head Group	

S. No	REPAIR / REPLACE PARTS	Unit Price
C	<b>200-250 KVA (Engine Model # Perkins 2000) (Engine S.N # 8B28024U91687X)</b>	
	20. Repair of Cylinder Block Group	
	21. Repair of Piston & Rod Group	
	22. Replacement of Piston & Rod Group	
	23. Replacement of Valve Mechanism Group	
	24. Repair of Fuel Pump	
	25. Replacement of Fuel pump Group	
	26. Repair of Nozzle	
	27. Replacement of Nozzle	
	28. Replacement of Water body group	
	29. Repair of Turbocharger Group	
	30. Replacement of Turbocharger Group	
	31.Replacement of Housing & Regulator Group	
	32. Replacement of Water Line Group	
	33. Replacement of Crank Breather Group	
	34. Replacement of Generator Bearing Group	
	35. Replacement of Camshaft Group	
	36. Replacement of Gasket Group	
	37.Replacement of Engine Pump Group	
	38.Replacement of Vee Belt Set	
	39. Replacement of Fan Drive Group	
	40.Replacement of Engine Wiring Group	
	41.Replacement of Parameters (Oil/Hour/Temp)	
	42. New Fuel Analogue Gauge	
	43. New Flow Meter	
	44. Repair of Canopy door and lock	
	45. Repainting of Canopy	
	46. Repair of Muffler/Exhaust piping	
	47. Replacement of Muffler /exhaust piping	
	48. Replacement of Battery Cables with Jumper	
	49. Major Overhauling labor charges	
D	<b>300 KVA (Engine Model # 1100 series Perkins) (Engine S.N # U514907U)</b> <b>(Engine Model # NT855-G6) (Engine S.N # 12016359)</b>	
	<b>325 KVA (Engine Model # 2006TWG2) (Engine S.N # 8028117U91556X)</b>	
	1. Repair of ATS with MOR Panel	
	2. Replacement of ATS with MOR Panel	
	3. Repair of Module	
	4. Replacement of Module	
	5. Diesel Tank Repair	
	6. Filter Change	
	i) Air Filter	
	ii) Oil Filter	
	iii) Diesel Filter	
	7. Water Separator	



D	300 KVA (Engine Model # 1100 series Perkins) (Engine S.N # U514907U) (Engine Model # NT855-G6) (Engine S.N # 12016359)	Unit Price
	325 KVA (Engine Model # 2006TWG2) (Engine S.N # 8028117U91556X)	
	8. Radiator Wash / Scaling / D Scaling	
	9. Radiator Repairing	
	10. Replacement of Radiator / ducting	
	11. Repair of Atomizer	
	12. Replacement of Atomizer	
	13. Dynamo Repair	
	14. Self-motor repair	
	15. Self-motor replacement	
	16. Governor Repair	
	17. AVR Replacement	
	18. Repair of Cylinder Head Group	
	19. Replacement of Cylinder Head Group	
	20. Repair of Cylinder Block Group	
	21. Repair of Piston & Rod Group	
	22. Replacement of Piston & Rod Group	
	23. Replacement of Valve Mechanism Group	
	24. Repair of Fuel Pump	
	25. Replacement of Fuel pump Group	
	26. Repair of Nozzle	
	27. Replacement of Nozzle	
	28. Replacement of Water body group	
	29. Repair of Turbocharger Group	
	30. Replacement of Turbocharger Group	
	31. Replacement of Housing & Regulator Group	
	32. Replacement of Water Line Group	
	33. Replacement of Crank Breather Group	
	34. Replacement of Generator Bearing Group	
	35. Replacement of Camshaft Group	
	36. Replacement of Gasket Group	
	37. Replacement of Engine Pump Group	
	38. Replacement of Vee Belt Set	
	39. Replacement of Fan Drive Group	
	40. Replacement of Engine Wiring Group	
	41. Replacement of Parameters (Oil/Hour/Temp)	
	42. New Fuel Analogue Gauge	
	43. New Flow Meter	
	44. Repair of Canopy door and lock	
	45. Repainting of Canopy	
	46. Repair of Muffler/Exhaust piping	
	47. Replacement of Muffler /exhaust piping	
	48. Replacement of Battery Cables with Jumper	
	49. Major Overhauling labor charges	

E	<b>500 KVA (Engine Model # QSX15-G8) ( Engine S.N # 79103127)</b>	
	1. Repair of ATS with MOR Panel	
	2. Replacement of ATS with MOR Panel	
	3. Repair of Module	
	4.Replacement of Module	
	5. Diesel Tank Repair	
	6. Filter Change	
	i) Air Filter	
	ii) Oil Filter	
	iii) Diesel Filter	
	7. Water Separator	
	8. Radiator Wash / Scaling / D Scaling	
	9. Radiator Repairing	
	10. Replacement of Radiator / ducting	
	11. Repair of Atomizer	
	12. Replacement of Atomizer	
	13. Dynamo Repair	
	14. Self-motor repair	
	15. Self-motor replacement	
	16. Governor Repair	
	17. AVR Replacement	
	18. Repair of Cylinder Head Group	
	19. Replacement of Cylinder Head Group	
	20. Repair of Cylinder Block Group	
	21. Repair of Piston & Rod Group	
	22. Replacement of Piston & Rod Group	
	23. Replacement of Valve Mechanism Group	
	24. Repair of Fuel Pump	
	25. Replacement of Fuel pump Group	
	26. Repair of Nozzle	
	27. Replacement of Nozzle	
	28. Replacement of Water body group	
	29. Repair of Turbocharger Group	
	30. Replacement of Turbocharger Group	
	31. Replacement of Housing & Regulator Group	
	32. Replacement of Water Line Group	
	33. Replacement of Crank Breather Group	
	34.Replacement of Generator Bearing Group	
	35.Replacement of Camshaft Group	
	36.Replacement of Gasket Group	
	37.Replacement of Engine Pump Group	
	38.Replacement of Vee Belt Set	

S. No	REPAIR / REPLACE PARTS	Unit Price
E	<b>500 KVA (Engine Model # QSX15-G8) ( Engine S.N # 79103127)</b>	
	39. Replacement of Fan Drive Group	
	40.Replacement of Engine Wiring Group	
	41.Replacement of Parameters (Oil/Hour/Temp)	
	42.New Fuel Analogue Gauge	
	43.New Flow Meter	
	44.Repair of Canopy door and lock	
	45.Repainting of Canopy	
	46.Repair of Muffler/Exhaust piping	
	47.Replacement of Muffler /exhaust piping	
	48.Replacement of Battery Cables with Jumper	
	49. Top end Overhauling Labour charges	
	50. Major Overhauling labor charges	
F	<b>800 KVA (Engine Model # DGBF8550) (U11002D) (U10926D) (U10984D)</b>	
	1. Repair of ATS with MOR Panel	
	2. Replacement of ATS with MOR Panel	
	3. Repair of Module	
	4. Replacement of Module	
	5. Diesel Tank Repair	
	6. Filter Change	
	i) Air Filter	
	ii) Oil Filter	
	iii) Diesel Filter	
	7. Water Separator	
	8. Radiator Wash / Scaling / D Scaling	
	9. Radiator Repairing	
	10. Replacement of Radiator / ducting	
	11. Repair of Atomizer	
	12. Replacement of Atomizer	
	13. Dynamo Repair	
	14.Self-motor repair	
	15. Self-motor replacement	
	16. Governor Repair	
	17. AVR Replacement	
	18. Repair of Cylinder Head Group	
	19. Replacement of Cylinder Head Group	
	20. Repair of Cylinder Block Group	
	21. Repair of Piston & Rod Group	
	22. Replacement of Piston & Rod Group	
	23. Replacement of Valve Mechanism Group	

S. No	REPAIR / REPLACE PARTS	Unit Price
G	<b>800 KVA (Engine Model # DGBF8550) (U11002D) (U10926D) (U10984D)</b>	
	24. Repair of Fuel Pump	
	25. Replacement of Fuel pump Group	
	26. Repair of Nozzle	
	27. Replacement of Nozzle	
	28. Replacement of Water body group	
	29. Repair of Turbocharger Group	
	30. Replacement of Turbocharger Group	
	31. Replacement of Housing & Regulator Group	
	32. Replacement of Water Line Group	
	33. Replacement of Crank Breather Group	
	34. Replacement of Generator Bearing Group	
	35. Replacement of Camshaft Group	
	36. Replacement of Gasket Group	
	37. Replacement of Engine Pump Group	
	38. Replacement of Vee Belt Set	
	39. Replacement of Fan Drive Group	
	40. Replacement of Engine Wiring Group	
	41. Replacement of Parameters (Oil/Hour/Temp)	
	42. New Fuel Analogue Gauge	
	43. New Flow Meter	
	44. Repair of Canopy door and lock	
	45. Repainting of Canopy	
	46. Repair of Muffler/Exhaust piping	
	47. Replacement of Muffler /exhaust piping	
	48. Replacement of Battery Cables with Jumper	
	49. UVT Coil	
	50. Shint	
	51. Top end Overhauling Labour Charges	
	52. Major Overhauling labor charges	
H	<b>Accessories</b>	
1	<b>Module</b>	
	a. Deepsea Module 8610	
	b. EAOM-210FD	
	c. Deepsea Module 3110	
	d. EMCP 4.1	
	e. Power wizard 1100	
	f. Power command 2100	
	g. DKG 501	
	h. Deepsea 4520	
	i. Deepsea 6020	
2	<b>Relays</b>	
	a. Phase sequence Relay	
	b.11pin 12V	

S. No	REPAIR / REPLACE PARTS	Unit Price
	c. 08 pin 12V	
	d. 220V	
3	<b>Timer</b>	
	a.12 volt	
	b.24 volt	
	c. 220 volt	
4	<b>Silencer Pipe</b>	
	Silencer Flexible pipe per KVA	
5	<b>Cable (Pakistan Cable, Fast Cable)</b>	
	a. Flexible cable 1.5 sq mm (Per meter rate)	
	b. Flexible cable 2.5 sq mm (Per meter rate)	
	c. 4 Core Copper Cable 35 mm (Per meter rate)	
	d. 4 Core Copper Cable 70 mm (Per meter rate)	
	e. 4 Core Coper Cable 120mm (Per meter rate)	
	f. 4 Core Coper Cable 240mm (Per meter rate)	
6	<b>Coolent</b>	
	Radiator Coolent water (Per liter rate) or (05-liter cane rate)	
7	<b>Manual Change Over (Sample Approved by Engineer In charge)</b>	
	b) 200 Amp	
	a) 300 Amp	
	b) 500 Amp	
8	<b>Battery Charger (Dato Kom, Sonnet, Siemens)</b>	
	a. 12v 5/10 Amp	
	b. 24v 5/10 Amp	
9	<b>Batteries (AGS, EXIDE) (Full 27, 33 Plate)</b>	
	a.40 Amp jell battery	
	b.150 Amp with electrolyte	
	c.200 Amp with electrolyte	
	d.220 Amp with electrolyte	
	e.240 Amp with electrolyte	
10	<b>DC Generator</b>	
	a.12v	
	b.24v	
11	<b>Magnetic Contactor (Green Power, Merlin Gerin, Schneider)</b>	
	a.100 Amp	
	b. 150 Amp	
	c. 200 Amp	
	d. 300 Amp	
	e. 500 Amp	
<b>Each Total of the Repair / Replace Parts Items (Rs)</b>		

<b>Preventive Maintenance &amp; Service of Generators</b>	<b>Rate Per Month Per Generator</b>
<p>Performing regular preventive maintenance of the generators to lessen the likelihood of its failing. As in hospital we have 18 no's of generators installed from 42 Kva to 800 Kva generators. The contractor will quote the averagely per month charges for each generator (without parts) and the payment will be made to the total numbers of functional generators for the month against which bill has been claimed. This monthly servicing will be done as per the details and specifications mentioned in the special conditions with the presence of competent technicians / mechanics shift wise and as per schedule mentioned in the special conditions and also a competent technician must be on call / standby backup for any complaint or in case of any emergency repair / maintenance required during shutdown of generator for which response time will be 30-40mins. Every effort will be made to maintain the generators in perfect order so as to ensure safe and regular service</p>	
<p><b>GRAND TOTAL (Parts + Preventive Maintenance) Amount Rs</b></p>	

**SPECIAL CONDITIONS OF THE CONTRACT: -**

1. The monthly maintenance and servicing include:
  - a) Daily cleaning, emergency repairs, checking controls, preventive and routine maintenance and routine safety inspection. Major repair and consumables items when required are not included in the scope of work.
  - b) Checking of Oil Level daily and maintain at proper level.
  - c) Checking of water level and Coolent in radiator and filling / changing.
  - d) Checking of self and auto starting system daily basis.
  - e) Cleaning / Changing of air filter, fuel filter, water filter and oil filter.
  - f) Cleaning / washing of radiator with water and approved chemical when required.
  - g) Adjustment and lubrication / greasing of bearings and glands.
  - i) Checking of batteries and battery charger for proper operation, their cleaning servicing and repair.
  - j) Checking pressure of cooling system. The entire cooling system will be checked for leaks and brittle hoses, all hose clamps will be tightened as required.
  - k) Cleaning the battery cables and terminals, tighten and apply corrosion protection.
  - l) The fan hub will be lubricated with grease.
  - m) Check the engine for leaks in the fuel, lubrication and air inlet. Special attention will be given to the water pump, turbo charger and rear main seal areas.
  - n) All the control wiring will be checked for chafing, burn marks or lose connections, relays and noted on inspection report.
  - o) Check the engine safety shutdowns for proper operations and RPM of the engine.
  - p) Check line to line voltage and adjust voltage regulator to specifications as required.
  - q) Checking and removing of dust / dirt accumulate on the housing and ensure that cooling air can pass freely over the casing.

2. The contractor shall submit an estimate to the Engineer Incharge for approval before carrying out any major repairs which are not covered in the scope of preventive maintenance.
3. All the minor complaints shall be attended and rectified within one hour and major complaints shall be attended within 12 hours on receipt of intimation.
4. Every effort will be made to maintain the generator in perfect order, so as to ensure safe and regular service.
5. Monthly Servicing or any repair of the generator will be carried out in presence of generator operator / sub engineers electrical.
6. After any repair or monthly servicing done by the contractor, completion certificate of the same duly verified and sign from the concerned generator operator and sub engineer before submitting for bill.
7. Contractor's must ensure presence of at least 01 no competent technicians / mechanics Shift wise, 07 days a week in the hospital as per below timings and schedule;

SN	Technician	Shit	Timings	Day
1)	01 No	Morning	09:00 am to 05:00 pm	From Monday to Saturday
2)	On call	Evening	05:00 pm to 09:00 pm	
3)	01 No	Night	09:00 pm to 09:00 am	
4)	01 No	Morning	09:00 am to 04:00 pm	Sunday
5)	On call	Evening & Night	04:00 pm to 09:00 am	

The contractor must ensure competent technician / mechanic must be on stand-by backup and on Call as per above schedule for any complaint or in case of any emergency repair / maintenance required during shutdown of generators for which response time will be 30-40 mins.

8. Contractor shall provide competent and qualified service people on site, in a timely manner, fully equipped with all tools and parts necessary to maintain and repair the specified units.
9. Contractor shall provide an updated listing of names, and emergency telephone numbers of all technician(s) and his/her supervisors and/or manager to the generator operator / Sub Engineer.
10. Contractor shall take responsibility for the work, and shall bear all losses resulting to him on account of the negligence of the contractor.
11. Contractor is completely responsible for the maintenance, repair, and operations of all contracted Generators in each building. Contractor shall perform complete maintenance service and repairs on all contracted equipment to be maintained
12. Make the necessary number of inspections required to maintain all generators in first class Operating condition at all times. Minimum frequency of regular service inspections required.
13. If an unreasonable amount of time is consumed by the contractor in restoring normal service because of parts procurement, payment for the month for the said generator for which service is requested will be withheld.

14. Crain and Transportation will provide by workshop free of cost.
- 15 The Replace parts must be returned to Equipment Store Lady Reading Hospital.
- 16 The Acceptance of the Repair work will be subject to Inspection by the inspection Committee/Deputy Director Electrical LRH.
- 17 If the work / parts are found below standard or does not confirm to our requirement will be rejected.
- 19 Before opening the defective generator and taking defective parts for Repair, the defective generator should be inspected in the presence of Deputy Director Electrical of this hospital.
- 20 Warranty / Guarantee of the replaced parts or repair work will be 05 months.
21. The Client may, by a written notice of thirty (30) days to the supplier, terminate this Agreement at any time due to unsatisfactory performance.

## Evaluation Criteria for the Preventive Maintenance of Generators at LRH-MTI Peshawar FY 2024-25

The bids / proposals will be evaluated on the basis of advertisement, bid documents and the point system as specified below. All mandatory and technical qualification documents must be attached with technical bid otherwise bid will be rejected.

S #	PARAMETERS	SUB-PARAMETERS	MARKS
1	<b>Legal / Financial Requirements</b>		
		CDR Refundable, Copy is attached with technical bid	<b>Mandatory</b>
		PEC Registration ME-04 & EE-04 is required. In case of renewal (payment deposit slip and online process status should be attached)	
		I. NTN Registration Certificate	
		II. KNTN Registration Certificate /Professional Certificate	
		III. List of special tools for job execution (Technical & Electrical) on 100 rupees stamp paper	
		IV. Job Execution method for Schedule of maintenance (Daily, weekly, monthly, Quarterly and yearly)	
		V. Non-Black listing affidavit on	



		100 rupees stamp paper	
		PEC Registration ME -06 In case of renewal (payment deposit slip and online process status should be attached)	7
		PEC Registration ME -03 In case of renewal (payment deposit slip and online process status should be attached)	3
<b>2</b>	<b>Technical Staff</b>		<b>20</b>
	List of Skilled Staff on stamp paper (100 Rupees) members (Full Time) (Qualifications)	B.Sc. Electrical Engineer Registered with PEC minimum 5-year experience with copy of employee offer letter along with current month salary slip.	4
	i-e diploma/certificate, & Experience and salary slips Required)	B.Sc. Mechanical Engineer Registered with PEC minimum 5-year experience with copy of employee offer letter along with current month salary slip.	4
		DAE Mechanical with minimum 05-year experience (Each will carry 3 marks)	6
		Professional operators with minimum 05-year experience. (Each will carry 02 marks)	6
<b>3</b>	<b>Financial Capabilities</b>		<b>15</b>
	Financial Soundness (Bank statement must be attached) Turnover in Million (I-T-T and IT-II Form)	I. 10 million & above	Full marks (15)
		ii. 7M-10 million	10
		ii. 05M-7M	5
<b>4</b>	<b>General Works Experience</b>		<b>10</b>
	Experience of similar Nature work in tertiary Care Hospital on repair & Maintenance of Generators reflects in FBR or KPRA Annex -C returns	Above 05 million worth of projects reflect in FBR or KPRA Annex-C returns	10
		Below 05 million worth of projects reflect in FBR or KPRA Annex-C returns	5
<b>5</b>	<b>LOCAL/ REGIONAL OFFICE</b>		<b>5</b>
	Firm's office	Availability of Office /Workshop in Peshawar	3
		National wide	2
<b>6</b>	<b>Back up Support</b>	List of back up Gensets Availability & capability on 100 rupees stamp paper	<b>6</b>
<b>7</b>	<b>HSSE Policy</b>	In order to comply with health, safety, security and environment policy, the tendered is required to submit his organizational understands of HSSE policy in this regard.	<b>4</b>

		The overall objective is to ensure the safety and security of all involved in the	
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		site activity	
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**Total Marks: 70**

**Qualifying Marks: 49**

**8. EVALUATION CRITERIA: -**

1. The bidders achieving a minimum of 49 marks out of 100 marks in the Technical Evaluation will be declared technically qualified. Financial bids of only technically qualified bidders will be opened publicly at the time to be announced by the Procuring Agency. The Financial Bids of technically disqualified bidders will be returned un-opened to the respective. After opening of the financial bid of the qualify bidders the firm / contactor quoting the lowest grand total (Repair /Replace parts Amount + Preventive Maintenance of generators per month) will be selected and contract will be awarded.
2. Bids having items not fulfilling / in compliance with the required specifications shall be treated as non-responsive bids.

**9. Award of Contract:**

Contracts shall be confirmed through a written agreement signed by the successful bidder and the MTI /LRH Peshawar.

**10. Payment:**

- a. No advance payment will be permissible.
- b. The payment will be made after successful supply, installation/inspection and test run of all requisite items.