

**SCOPE OF WORK**

The scope of the AMC in two parts, is as stated below for two years,

**Part – A** – This scope cover the work for preventive, breakdown and periodical maintenance (Non-comprehensive AMC) for 1 No. 250 KVA Genset Unit with control panels at ELCOT, Nandanam, Chennai – 600 035.

**Part – B** – This covers the essential spares that are required during the AMC period (2 years), which has to be replaced on need basis for the above D.G sets at ELCOT, Nandanam, Chennai – 600 035.

**Part – C** – This covers done work for Permanent Roofing on above D.G sets at ELCOT, Nandanam, Chennai – 600 035.

**GENERAL REQUIREMENTS:**

1. The tenderer shall have previous experience in similar nature of DG set AMC work.
2. Tenderer shall have a local office in Chennai.
3. The value of the DG set AMC work order shall be minimum of Rs.2 Lakhs (Rupees Two Lakhs).

**Earnest Money Deposit (EMD)**

- a) The amount of Rs.2000/- should be paid as EMD along with the bids. The EMD should be submitted through Demand draft drawn in favour of “Electronics Corporation of Tamil Nadu Limited”, Chennai (or) made through RTGS as bank details given below.

Name of the Bank & Branch	State Bank of India, Saidapet
SBI A/c No.	10610747091
IFS Code	SBIN0000912
MICR NO.	600002045

**Note: The bidder who is registered in MSME (Ministry of Micro, Small and Medium Enterprises) is exempted for the EMD amount.**

- b) The Earnest Money Deposit of the unsuccessful bidders will be returned after the acceptance of the successful bidder, at the expense of the Tenderers within a reasonable time consistent with the rules and regulations in this behalf. The above Earnest Money Deposit held by ELCOT till it is returned to the unsuccessful tenderers will not earn any interest therefor.
- c) Earnest Money Deposit amount of the successful bidder may be adjusted towards Security Deposit (SD) for successful execution of AMC work and will be returned only after the successful completion of the Annual Maintenance Contract period.
- d) The tender received without Earnest Money Deposit will be summarily rejected.

**SECURITY DEPOSIT CUM RETENTION MONEY**

An amount equal to 5% of the value of the work done shall be withheld from each quarter AMC bill and retained for a period of two years. If there are defects notices within this period of two years the same shall have to be rectified by the tenderer at his own cost and without claiming extra, the withheld amount will be refunded after two years for the date of commencement of AMC. The amount so withheld will not carry any interest.

**SCOPE OF WORK AND TERMS AND CONDITIONS:**

1. Preventive Maintenance (functional checking and necessary adjustments) to be carried out with the presence of ELCOT Officer.
2. Break down maintenance (fault finding, repair or replacement of defective parts and functional checking) with the presence of ELCOT Officer.
3. Any defective part or spare replacement has to be done with the prior intimation and concurrence of ELCOT.
4. In the register (maintained by ELCOT), signed by the service engineer during his visits.
5. The spares during the periodical maintenance will replaced on need basis for two years (As per the list of spares available in the tender) and the 1 No. of 250 KVA

D.G set with control panels covered in AMC and there is no exception. The finalized rates for the spares (2 years) are as per the Part-B.

6. The list of spares available in the tender is only covered under the periodical maintenance for two years. Break down due to spares other than those covered under tender should be specifically intimated to ELCOT and specific approval of ELCOT should be obtained.
7. Necessary tools and instruments required for service have to be brought by the Service Engineer (Vacuum Cleaner/Blower required).
8. The Service Engineer has to be experienced and skilled in providing the perfect service to ELCOT in maintaining the said D.G sets.
9. The AMC contractor should not sub/contract any work during the AMC period and AMC contractor should not sub-contractor will be the wholly responsible at any circumstance.
10. Any break down noticed and intimated should be attended (within 2 Hours) immediately without any delay.
11. ELCOT reserves the right to terminate the contract in case of any defect/default in the execution of AMC.
12. Periodical inspection should be at least once in a month and shall confirm the functioning and performance of the said D.G set. Inspection report in the prescribed format has to be submitted to ELCOT.
13. Supply and erection of the permanent roofing shed size of 21ft x 13ft x Height 12 ft from ground level and complete top roofing sheet and all side sheet 3 feet top level with GI Pole covered all around of Genset with Gradient for rain water dropping properly.
14. Renewal by supply and fixing Door Hinges Bold, Nut and Washers etc.
15. Renewal by supply and fixing Door Lock, Bold, Nut and Washers etc.,
16. Removing the existing corroded Acoustic enclosure up to the bottom level and supply and fixing of 16SWG sheet steel dully welded all around the four sides and red oxide painting with 2 coats of painting with suitable color.

**SAFETY CODE**

1. The contractor is responsible for the safety of his manpower deployed for the work.
2. The contractor should ensure that the work is carried without causing any hindrance to the employees / public and also ensure the safety of the employees in the ELCOT Corporate office, Nandanam, Chennai.

**WORK COMPLETION PERIOD/ TIME SCHEDULE:**

The complete Roofing work on D.G set at ELCOT, Corporate office, Nandanam, Chennai should be completed within 2 weeks from the date on which the site (premises) is handing over the site to the successful bidder.

**PAYMENT**

1. Part- A - The total cost quoted by the L1 bidder shall be divided into 8 quarters 2025-26 and 2026-27. After completion of every quarter (i.e: 3 Months) and spares will be made by ELCOT.
2. Part - B – For replacement of spares (on need basis) on submission of invoice /Bill 95% payment will be made and 5% bill value retained as Retention Money.
3. Part – C - On completion of all the work and on submission of certified final bill (as per the measurement sheet), the final bill 95% payment will be made and 5% of the bill value will be retained as Retention Money. After completion of one year the retention money will be refunded.
4. TAX: Income Tax and other taxes if any will be deducted as per the prevailing rate on the value of work done while releasing the payments.

**SUBMISSION OF TENDER:**

1. Tender should be placed in a sealed cover superscribed “Annual Maintenance Contract for 1 No of 250 KVA D.G set with control panels (Part-A) and spares (Part-B) for two years at ELCOT. Tender ref: ELCOT/HR/33912/D.G. Set AMC/2024-25 addressed to the General Manager (HR), ELCOT, Nandanam,

Chennai- 600 035 should reach us before 3.00 pm on 20.02.2025 and the same will be opened on the same day.

2. The Tenderer must sign and affix his seal in every page of tender document and also submit original tender document to the above address within due date.
3. Any vendor who is black listed in ELCOT will not be eligible to bid for Tenders in ELCOT as per the conditions of blacklisting.
4. In Case Show cause Notice has been issued by ELCOT for poor performance then ELCOT reserves the right to disqualify the bid submitted by such vendor.

### **LIQUIDATED DAMAGES (LD)**

A penalty of 0.25% per calendar day of late completion of AMC work beyond the 24 hrs. will be levied subject to a maximum of 5% of AMC value.

### **TERMINATION OF CONTRACT**

#### **1.1 Termination for Default**

- a) ELCOT may without prejudice to any other remedy for breach of contract, by written notice of default with a notice period of 7 days, sent to the successful Bidder, terminate the contract in whole or part.
  - i. If the Successful Bidder fails to deliver any or all of the goods within the time period(s) specified in the Contract, or fails to supply the items as per the Delivery Schedule or within any extension thereof granted by ELCOT; or
  - ii. If the Successful Bidder fails to perform any of the obligation(s) under the contract; or
  - iii. If the Successful Bidder, in the judgment of ELCOT, has engaged in fraudulent and corrupt practices in completing for or in executing the Contract.
- b) In the event of ELCOT terminating the Contract in whole or in part, ELCOT may procure the goods and services upon items and in such manner as deems appropriate at the risk and cost of the defaulting Supplier and such supplier shall be liable to ELCOT for any additional costs for such goods and services.

However, the Successful Bidder shall continue the performance of the contract to the extent not terminated.

### **1.2 TERMINATION FOR INSOLVENCY**

ELCOT may at any time terminate the Contract by giving written notice with a notice period of 7 days to the Successfully Bidder, if the Successful Bidder becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Successfully Bidder, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to ELCOT.

### **1.3 TERMINATION FOR CONVENIENCE**

ELCOT may by written notice with a notice period of seven days sent to the Successful Bidder, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for ELCOT's convenience, the extent to which performance of work under the Contract is terminated and the date upon which such termination becomes effective. On termination, the successful Bidder is not entitled to any compensation whatsoever.

## **ARBITRATION**

### **1. Dispute and Jurisdiction**

“ Any dispute of difference whatsoever, arising between the parties to this contract arising out of or in relation to the terms of this contract shall be resolved by the parties mutually by acting in good faith towards fulfilling the contract and for this purpose the parties mutually agree to furnish or exchange all relevant documents, information and any other material within their special knowledge and thereby conclude their discussions between them/their representatives or officers within a period of time as may be mutually agreed to say the time of commencement of the move to resolve the dispute”.

“ In case the parties failed to resolve the disputes amicably within the time frame agreed and in the manner stated supra, the aggrieved party shall approach the Court in

Chennai city alone to the exclusion of all other Courts to adjudicate the unresolved dispute”.

## **2. COMPLIANCE WITH STATUTORY REQUIREMENTS**

You have to comply with the Contract Labour Act, (Regulation and Abolition act), Payment of wages Act, Minimum wages Act, Employees State Insurance Act, Employees Provident Fund and Miscellaneous provisions Act, Fatal Accident Act and other applicable Labour Laws and Regulations in force from time to time.

ELCOT reserve the right to reject any / all the tenders without assigning any reasons whatsoever.

Encl:

1. **PART-A** – Preventive, Breakdown and periodical maintenance of D.G Set (Non-Comprehensive AMC) for Two Years (Price bid)
2. **PART- B** – Replacement of spares during maintenance (on need basis) D.G Set (Price bid)
3. **PART – C** - Permanent Roofing on existing D.G Set (Price bid)
4. **PART – D** Value of the Price Bid towards addition of Part-A (AMC for D G set ) and Part-B (for replacement of spares on need basis during AMC for DG set) and Part – C at ELCOT, Nandanam, Chennai – 600 035.

**AMC for 1 No of 250 KVA D G Set with control panels and spares for two years at****ELCOT**  
**DETAILS OF THE COMPANY**

<b>Sl. No.</b>	<b>Description</b>	<b>Details to be filled by the tenderer</b>
1.	Name of the Tender	
2	a. Address	
	b. Contact Person with phone Nos. and email ID	
3	The applicant company is Private Ltd/Public Ltd/Partnership/Proprietary	
4	Present Client Name with Contract Nos.	
5	GST No	
6	Permanent Account Number (PAN)	
7	a. Bakers Name & Address	
	b. Bank Account Number	
8	Copy of the AMC work order with minimum value of Rs.2 Lakhs to be attached (in the last 3 financial year)	



This price bid format shall be copied/typed in the your letter head and rates are to be filled and enclosed in the original tender document along with sign and seal of the tenderer

**Part-A – “Price bid towards MC for 250 KVA D.G Set for two years”**

Sl. No.	Description of make and model	Qty. (A)	Per Unit Rate in Rs. (B)	Total amount in Rs. C=A*B	GST on C=(D)in Rs.	Total amount in Rs. E=C+D
1.	<p>Annual Maintenance Contract for 250 KVA D.G set with acoustic enclosure, control panel and external fuel tank as stated below</p> <p><u>D.G.set-1</u> (Sl. No.F.6 3810/ 07000 11)</p> <p>Engine Make: Kirloskar Oil Engine                      Capacity : 250 KVA                      Elect. Power :200 kW                      Engine Model:65L8800TA                      Mechanical Power : 335 HP                      Alternator Model:KG284L1                      Alternator Sl. No. GS3L108E43765                      Voltage:415 Voltage                      Phase System:3 Phase 4 Wire System                      Current Rating :347 Amps                      RPM :1500                      Frequency :50Hz                      Panel Type: Automatic Mains Failure</p> <p><u>Note: The following spares &amp; major break down services are not included in the AMC: Each D.G Set batteries 12V/180AH-2 Nos, Acoustic enclosure, external diesel tank, Fuel pipe, Alternator, Engine&amp; selfmotor, AMF panel etc.</u></p>	1 set				

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2	<p>Annual Maintenance Contract for 250 KVA DG set and manual control panel with maintenance of MCCB-1 No., Earth Fault Relay – 1 No. Analog Voltmeter, Ammeter, Frequency Meter – Each 1 No., KWHr Energy meter -1 No. and necessary accessories etc.,</p> <p><u>Note: The flowing spares and major break down service is not included in the AMC</u></p> <p>MCCB – 1, Earth Fault Replay -1 No., external diesel tank, Fuel pipe, Analog Voltmeter, Ammeter, Frequency meter – Each 1 No., KWHr Energy meter-1 No. and Multifunction meter.</p>	1 set				
<b>Sub Total (Item 1+2+3)</b>						
X	Total amount inclusive of GST in Rs.(For one year) = X					
Grand Total for 2 years (Part-A) = Total (X) * 2 (i.e 2025-27)						

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**Part-B – “Replacement of spares during periodical maintenance for Two years.**

Sl. No.	Descriptions	Qty. (A)	Per Unit rate in Rs. (B)	Total C= A*B	GST on C=D	Total amount in Rs. E=C+D
1	Supply of Engine oil-K oil super	80 Lts				
2	Supply of Spain on Filter for Lubrication oil (i.e: Lub oil Filter)	4 Nos				
3	Supply of 1.1 Ltrs. Fuel filter kit (Fuel Filter)	2 Nos				
4	Supply of Radiator Coolant (5 liters can x 6 Nos)	30 lts				
5	Supply of PVC hose in diesel tank Level indicator	05 Mts				
6	Supply Fuel pipe (i.t Fuel Fitter to pump) with double side banjeos	2 Nos.				
7	Supply Fuel pipe (i.e Feed pump to Filter) with double side banjeos.	2 Nos				
8	Supply of diesel breeder hose with (Fuel line hose) with double side 19mm banjeos. Each approx.. 1 mtr. Length	6 Nos				
9	Supply of Red indicators	4 Nos				
10	Supply of Green Indicators	2 Nos				
11	Supply of Yellow indicators	2 Nos				
12	Supply of Blue indicators	2 Nos				
13	Supply of 24 V pin relay (Make: Selzer or equivalent) with base (MKB) for AMF panel	2 Nos				
14	Supply of Rediator 'V' Fan belt	3 Nos				
15	Supply of Dynamo Fan belt	3				

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		Nos				
16	Supply of Radiator Hose with clam	5 Nos				
17	Supply of Turbo return Hose	4 Nos				
18	Supply of Air Fir filter set	3 Nos				
19	Supply of Magnetic Pick up relay	2 Nos				
20	Supply of battery cable with terminals and lugs. For Positive and Negative terminals)	2 sets				
21	Supply of 24 V battery charger(Same as existing used in your site) Transformer type	1 No				
22	Supply of rubber beeding for all door-2 Nos of DG set.	1 set				
23	Supply of DG set Acoustic door Glass	1 No.				
24	Supply of Nozzle leak OFF pipe set	1 No.				
25	Supply of Alternator Voltage Regulator- AVR (Make: FluxCon or equivalent )	1 No.				
26	Supply of Emergency stop push button	2 Nos				
27	Supply of Engine oil pressure gauge & sensor	2 Nos				
28	Supply of Water Temperature gauge & sensor	1 No				
29	Supply of Electronic Control Relay (E.C-2 Make: C&S for AMF panel )	1 No				
30	Supply of low voltage monitor relay	1 No				
31	Supply of stop solenoid mechanical type	1 No				
32	Supply of 250 KVA D.G Engine Monitoring System, 907 in DG set Control Panel	1 No				
33	Supply of valve door gasket	6 Nos				
34	Supply of head gasket kit	6 Nos				
35	Supply of centrifugal filter kit	3				

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		Nos				
36	Supply of Earth Leakage Relay (ELR)	1 No				
37	Supply of Multi Function Meter	1 No				
38	Supply of charging alternator service charge	1 Set				
39	Service charge for self-motor & rewinding of coil and spares etc.	1 Set				
40	Radiator Service Charges	1 Set				
41	After cooler in radiator service charges	1 Set				
42	Supply of 12 /180AH Generator Battery	2 Nos				
43	Supply of Engine Wiring for Hardness	1 Nos				
	<b>Grand Total (Part-B)</b>					

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**Part-C – “Permanent Roofing on D.G Set”.**

Sl. No.	Descriptions	Qty. (A)	Per Unit rate in Rs. (B)	Total (C) = A*B	GST on C (D)	Total amount in Rs. (E)=C+D
1	Removing the existing corroded Acoustic enclosure up to the bottom level and supply and fixing of 16SWG sheet steel dully welded all around the four sides and red oxide painting with 2 coats of painting with suitable color.	Lump sum				
2	Renewal by supply and fixing Door Lock, Bold, Nut and Washers etc.,	7 Nos.				
3	Renewal by supply and fixing Door Hinges Bold, Nut and Washers etc.	21 Nos.				
4	Supply and erection of the permanent roofing shed size of 21ft x 13ft x Hight 12 ft from ground level and complete top roofing sheet and all side sheet 3 feet top level with GI Pole covered all around of Genset with Gradient for rain water dropping properly with the following works. 1) 75mm Square Post – 6 Nos. 2). Shed parling square pipe 40mmx40mm. 3) All side parling square pipe 40mmx40mm. 4) All square post, parling square pipe with 1 coat of primary paint complete etc., Roofing sheet fixing of top and sides.	Lump sum				
	<b>Sub Total (Item 1+2+3+4) (F)</b>					

	Applicable GST (G)					
	<b>Grand Total (F+G)</b>					

**PART-D VALUE OF THE PRICE BID**

<b>Sl. No.</b>	<b>Description</b>	<b>Amount in Rs.</b>
A	<b>Grand Total-Part-A</b> (AMC for 1 No of 250 KVA D.G for 2 years)	
B	<b>Grand Total – Part-B</b> (Essential spares that are required during the AMC period, which has to be replaced on need basis for 2 years)	
C	<b>Grand Total – Part-C</b> (Permanent Roofing on D.G Set)	
D	<b>Value of the Bid (Part-D) in Rs.=A+B+C</b>	

(Value of the bid – Amount in Rupees)

Sign and seal of the tenderer