

INTERNATIONAL CENTRE FOR THEORETICAL SCIENCES
TATA INSTITUTE OF FUNDAMENTAL RESEARCH

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ENQUIRY

Ref: ICTS/PD/CF22-21/220085

October 25, 2022

Dear Sirs

Please let us have your Quotation for the following:

S.No.	Item Code	Description	Qty	UOM
1	LSWRM000635	<p>Non-Comprehensive Annual Maintenance Contract of 2X500 kVA Cummins make DG Set with the following schedule of preventive maintenance:</p> <p>DETAILED SCOPE OF WORK The following are the type of preventive services that shall be provided by the Service Provider. Duration: 1 year No. of Visit: 12 (every month) No. of Breakdown: Unlimited NEPI B/C Check: Free Labor charges</p> <p>1. General: Scheduled Scope B and C check maintenance as per maintenance norms Scheduled/Preventive Maintenance Visits as agreed in the contract.</p> <p>Breakdown calls as and when required General Engine</p> <p>Performance Checks: Diagnosis of faults, Recording in the logbooks for visits made, work done, updating of next preventive maintenance check, visit dates, hours, and due on etc.</p> <p>2. Lube System: Engine Oil Replacement in Band C Checks Checking for the proper functioning of sensors and safety controls in terms of checking the connections and terminals and visual inspections Checking lube oil pressure.</p> <p>3. Air System and Exhaust: Cleaning of air filters and changing them if required. Compressed dry air provision should be provided by the customer Checking for proper condition of Hoses and Clamps Checking for proper condition of vacuum Indicator</p> <p>Checking for any Exhaust leakages Checking visually the exhaust smoke (Level/colour) Checking of Rain Caps</p> <p>4. Cooling System: Checking and adjustment of belt tension and fan and water pump belt Checking of coolant concentration and top up if required. Checking of radiator cap/Raw Water Strainer Where Provision is available. Checking the condition of Hoses and Clamps Checking for the proper functioning of sensors and safety control by checking the connections and terminals and visual inspection Any visible coolant leakages to be arrested and the hoses/clamps/any part as required doing so as arranged by the Customer</p> <p>5. Fuel System Checking the condition of Hoses and</p>	2.00	NOS

LSWRM000635 Clamps

Checking for any fuel leakage and arresting them
 Checking the fuel tank Breather
 Draining of water from water separator fuel tank (as applicable)
 5. Checking fuel level indicators
 6. Engine controls and Starting System
 Checking the condition of the battery for sulphonation, tightness of connections.
 Checking of wire connections and proper functioning of self-starter
 Checking of wire connections and proper the function of the charging alternator/charger
 Checking for the proper functioning of the instruments on the dashboard/PCC
 7. Base Alternator General cleaning of the alternator with a hand blower once a year
 Checking of the wiring system for any loose and dry connections AVR- Adjustment, if required, and Tightening of terminals
 8. Miscellaneous.
 Checking battery charger
 Checking the proper functioning of the meters and selector switches
 9. Standard Panel
 General Inspection/Tightening of all cables and accessories

2	LSWRM000636 Non-Comprehensive Annual Maintenance Contract of 100kVA Cummins make DG Set with the following schedule of preventive maintenance:	1.00	NOS
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DETAILED SCOPE OF WORK

The following are the type of preventive services that shall be provided by the Service Provider.

Duration: 1 year

No. of Visit: 12 (every month)

No. of Breakdown: Unlimited

NEPI B/C Check: Free Labor charges

1. General: Scheduled Scope B and C check maintenance as per maintenance norms Scheduled/Preventive Maintenance Visits as agreed in the contract.

Breakdown calls as and when required General Engine

Performance Checks: Diagnosis of faults, Recording in the logbooks for visits made, work done, updating of next preventive maintenance check, visit dates, hours, and due on etc.

2. Lube System: Engine Oil Replacement in Band C Checks

Checking for the proper functioning of sensors and safety controls in terms of checking the connections and terminals and visual inspections Checking lube oil pressure.

3. Air System and Exhaust: Cleaning of air filters and changing them if required. Compressed dry air provision should be provided by the customer

Checking for proper condition of Hoses and Clamps

Checking for proper condition of vacuum Indicator

Checking for any Exhaust leakages

Checking visually the exhaust smoke

(Level/colour)

Checking of Rain Caps

4. Cooling System: Checking and adjustment of belt tension and fan and water pump belt Checking of coolant concentration and top up if required.

Checking of radiator cap/Raw Water Strainer Where Provision is available.

Checking the condition of Hoses and Clamps

Checking for the proper functioning of

LSWRM000636 sensors and safety control by checking the connections and terminals and visual inspection

Any visible coolant leakages to be arrested and the hoses/clamps/any part as required doing so as arranged by the Customer

5. Fuel System

Checking the condition of Hoses and Clamps

Checking for any fuel leakage and arresting them

Checking the fuel tank Breather

Draining of water from water separator fuel tank (as applicable)

5. Checking fuel level indicators

6. Engine controls and Starting System

Checking the condition of the battery for sulphonation, tightness of connections.

Checking of wire connections and proper functioning of self-starter

Checking of wire connections and proper the function of the charging alternator/charger

Checking for the proper functioning of the instruments on the dashboard/PCC

7. Base Alternator General cleaning of the alternator with a hand blower once a year

Checking of the wiring system for any loose and dry connections AVR- Adjustment, if required, and Tightening of terminals

8. Miscellaneous.

Checking battery charger

Checking the proper functioning of the meters and selector switches

9. Standard Panel

General Inspection/Tightening of all cables and accessories

3	LSWRM000637	Non-Comprehensive Annual Maintenance Contract of Fire Fighting Engine Kirloskar make DG Set with the following schedule of preventive maintenance:	1.00	NOS
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DETAILED SCOPE OF WORK

The following are the type of preventive services that shall be provided by the Service Provider.

Duration: 1 year

No. of Visit: 12 (every month)

No. of Breakdown: Unlimited

NEPI B/C Check: Free Labor charges

1. General: Scheduled Scope B and C check maintenance as per maintenance norms Scheduled/Preventive Maintenance Visits as agreed in the contract.

Breakdown calls as and when required General Engine

Performance Checks: Diagnosis of faults, Recording in the logbooks for visits made, work done, updating of next preventive maintenance check, visit dates, hours, and due on etc.

2. Lube System: Engine Oil Replacement in Band C Checks

Checking for the proper functioning of sensors and safety controls in terms of checking the connections and terminals and visual inspections Checking lube oil pressure.

3. Air System and Exhaust: Cleaning of air filters and changing them if required. Compressed dry air provision should be provided by the customer

Checking for proper condition of Hoses and Clamps

Checking for proper condition of vacuum Indicator

Checking for any Exhaust leakages

LSWRM000637 Checking visually the exhaust smoke
(Level/colour)
Checking of Rain Caps

4. Cooling System: Checking and adjustment of belt tension and fan and water pump belt Checking of coolant concentration and top up if required.
Checking of radiator cap/Raw Water Strainer Where Provision is available.
Checking the condition of Hoses and Clamps
Checking for the proper functioning of sensors and safety control by checking the connections and terminals and visual inspection
Any visible coolant leakages to be arrested and the hoses/clamps/any part as required doing so as arranged by the Customer
5. Fuel System
Checking the condition of Hoses and Clamps
Checking for any fuel leakage and arresting them
Checking the fuel tank Breather
Draining of water from water separator fuel tank (as applicable)
5. Checking fuel level indicators
6. Engine controls and Starting System
Checking the condition of the battery for sulphonation, tightness of connections.
Checking of wire connections and proper functioning of self-starter
Checking of wire connections and proper the function of the charging alternator/charger
Checking for the proper functioning of the instruments on the dashboard/PCC
7. Base Alternator General cleaning of the alternator with a hand blower once a year
Checking of the wiring system for any loose and dry connections AVR- Adjustment, if required, and Tightening of terminals
8. Miscellaneous.
Checking battery charger
Checking the proper functioning of the meters and selector switches
9. Standard Panel
General Inspection/Tightening of all cables and accessories

4	LSWRM000638 GST @ 18%	1.00	JOB
NOTE : 1) DUE DATES FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 15/11/2022 till 15.00 Hours. 2) QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED. 3) The validity of your quotation should be for 60 days from the date. 4) Your quotation should indicate delivery period & warranty period.			

Quotation sent by hand delivery / courier are to be deposited in the Tender Box kept at the Main Gate after obtaining stamp, date and signature of the Security Officer.

Quotation should be submitted in sealed envelope duly superscribing our enquiry reference and due date.

Quotation sent by hand delivery / courier are to be deposited in the Tender Box kept at the Main Gate after obtaining stamp, date and signature of the Security Officer.

Quotation should be submitted in sealed envelope duly superscribing our enquiry reference and due date.

Yours faithfully



(Mr. Abhijit De)

Admn. Officer (Purchase)

Copy to: Prof. / Dr. / Mr. / Mrs. / Ms. / Shri / Smt. CHANDAN KUMAR (ICTS-19P1112)
Your Indent Req. No. CKR0010089 Dated: 28/09/2022 refers.

Remarks: Non-Comprehensive Annual Maintenance Contract of 2X500 kVA, 100 kVA, and Fire Fighting Diesel Generator