



**INDIA EXPOSITION MART LIMITED**  
 PLOT NO.23,24, 25,27, 28 & 29, KNOWLEDGE PARK-II,  
 GREATER NOIDA - 201 306, DISTT. GAUTAM BUDH NAGAR (UP)

**EXPRESSION OF INTEREST (EOI)**

<b>NAME OF THE SERVICES</b>	<b>DG, ELECTRICAL &amp; MECHANICAL OPERATION AND MAINTENANCE SERVICES</b>
<b>KIND OF SERVICES</b>	<p>(A) OPERATION &amp; MAINTENANCE WITHOUT SPARE PARTS (NON-COMPREHENSIVE MAINTENANCE).</p> <p>(B) OPERATION &amp; MAINTENANCE WITH SPARE PARTS (COMPREHENSIVE MAINTENANCE)</p> <p>BOTH PROPOSALS ARE TO BE SUBMITTED SEPARATELY.</p>
<b>DETAIL OF SERVICES</b>	<p>(A) OPERATION &amp; MAINTENANCE OF 16 NOS. DG SETS, EACH OF CAPACITY 1250 KVA, CUMMINS MAKE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTRUCTION MANUALS.</p> <p>(B) OPERATION &amp; MAINTENANCE OF 8 NOS. 33 KV /0.433 KV, 1250 KVA TRANSFORMERS, ENTIRE ELECTRICAL CONTROL PANELS FROM ENERGY INPUT POINTS TO OUTPUT POINTS INCLUDING 33 KV HT PANELS &amp; PLC PANELS.</p>
<b>SCOPE OF WORKS</b>	<p>(A) <b>DG SETS (OPERATION &amp; NON-COMPREHENSIVE MAINTENANCE / OPERATION &amp; COMPREHENSIVE MAINTENANCE).</b></p> <p>(a) OPERATION &amp; MAINTENANCE OF DG SETS.</p> <p>(b) TO MAINTAIN LOG BOOKS OF OPERATIONS.</p> <p>(c) REPORT OF STATUS OF AVAILABILITY OF DIESEL OIL.</p> <p>(d) CHECK ELECTRICAL CIRCUITS &amp; AMF PANELS ON DAILY BASIS.</p> <p>(e) RECORD ALL FUNCTIONAL PARAMETERS DISPLAYED ON METERS AND UNDERSTAND THE PROPER FUNCTIONING OF DG SETS.</p> <p>(f) DE-SCALING OF HEAT EXCHANGERS AND CHECK THE WATER CONDITION.</p> <p>(g) PERFORM A-CHECKS, B-CHECKS, C-CHECKS &amp; D-CHECKS IN SPECIFIED TIME.</p>

	<p>(h) CONDUCT PERFORMANCE TEST ON THE MACHINE TO ASSESS THE EFFICIENCY AND LIFE OF THE MACHINE.</p> <p>(i) CHECK LUBE OIL CONDITIONS AND LEVELS.</p> <p>(j) CHECK THE CONDITION OF BATTERIES.</p> <p>(k) REPORT IRREGULARITY OF THE EQUIPMENT.</p> <p>(l) CONDUCT PLANT PREVENTIVE MAINTENANCE.</p> <p>(m) CHECK THE DG COOLING TOWERS &amp; ITS CLEANING WITH CHEMICALS AND OTHER MATERIALS.</p> <p>(n) BREAK-DOWN MAINTENANCE OF ALL LT &amp; PLC PANELS.</p> <p>(o) OPERATION &amp; MAINTENANCE WORK BY USING ORIGINAL CUMMINS OIL AND PARTS WITH MINOR REPAIRING. MINOR REPAIRING INCLUDES ARRESTING OF LEAKAGE OF OIL AND WATER, REWINDING OF BURNT MOTORS AND REPAIR OF PUMP AND ANY OTHER ITEM OF MINOR REPAIR.</p> <p>(p) AREA OF OPERATION AND MAINTENANCE INCLUDES THE WHOLE COMPLEX.</p> <p>(q) ALL TOOLS FOR REPAIRS WILL BE PROVIDED BY SERVICE PROVIDER.</p> <p><b>(B) ELECTRICAL SYSTEMS (OPERATION &amp; NON-COMPREHENSIVE MAINTENANCE/OPERATION &amp; COMPREHENSIVE MAINTENANCE).</b></p> <p>(a) OPERATION AND MAINTENANCE OF ALL TRANSFORMERS, HT, LT &amp; PLC PANELS.</p> <p>(b) ENSURE ALL CABLES AND WIRES ARE FIRM AND PROPER IN CONNECTION.</p> <p>(c) ENSURE CONTACTS IN BREAKERS ARE CLEANED AND MECHANICAL OPERATION IS SMOOTH AND FIRM.</p> <p>(d) CHECK ALL METERS PERIODICALLY.</p> <p>(e) MAINTAIN EARTHING SYSTEM TO ENSURE EARTH CONTINUITY AT ALL POINTS IN THE ELECTRICAL SYSTEM.</p> <p>(f) TROUBLESHOOT ANY PROBLEM HAPPENING ON HT, LT &amp; PLC AND UNDERTAKE THE PREVENTIVE MAINTENANCE AND REWINDING OF MOTOR/PUMPS OF SYSTEMS/PANELS.</p> <p>(g) CHECK FOR ALL SAFETY CONTROLS AND ELECTRICAL SWITCHGEARS.</p> <p>(h) CARRY OUT PREVENTIVE MAINTENANCE AS PER THE ANNUAL PM CHART.</p>
<p><b>LAST DATE FOR SUBMISSION OF TENDER FOR BOTH TECHNICAL AND COMMERCIAL PARTS</b></p>	<p>15<sup>TH</sup> MAY, 2010</p>