

QTY	UNIT	DESCRIPTION	
1	NOS	BRAND NEW GE GAS GENERATOR ENGINE COMPLETE WITH GEAR BOX & POWER TURBINE USED IN ELECTRIC POWER GENERATING UNIT must be Duplicate to the following Specifications : BRAND NEW GAS TURBINE UNIT GE LM2500 CONSIST OF ALL PARTS FROM THE (BELL MOUTH TO THE (COUPLING) INCLUDING THE GEAR BOX . GAS GENERATOR , POWER TURBINE ENGINES MUST BE WITH THE FOLLOWING SPECIFICATIONS : 1) ENGINE TYPE : LM2500 TWO -SHAFT GAS GENERATOR DUPLICATE TO S/N : 981-807 ;481-378 ;481-649 ; 481-808 AND 691-105 MODEL No. : 7LM2500-PE-MDW , AND ASSY. No. : L25250G68 . 2) TYPE OF ENGINE : STRAIGHT FLOW GAS TURBINE ENGINE . 3) DIRECTION OF ROTATION : ANTI CLOCKWISE VIEWED FROM REAR . 4) COMPRESSOR : 16-STAGE HIGH PRESSURE RATIO AXIAL FLOW . INCORPORATING AUTOMATIC AIR BLEED VALVES AND PROGRESSIVELY VARIABLE INTAKE GUIDE VANES . THE COMPRESSOR STATOR CASING CONTAINS ONE STAGE OF INLET GUIDE VANES (IGV) , SIX STAGES OF VARIABLE STATOR VANES (VSV) AND 10 STAGES OF STATIONARY STATOR VANES . 5) COMPRESSION RATIO : (18:1) NOMINAL 6) HP TURBINE IS A TWO STAGE AXIAL FLOW TYPE WHICH IS MECHANICALLY COUPLED TO THE COMPRESSOR ROTOR . 7) POWER TURBINE IS A SIX STAGE AXIAL FLOW TYPE TURBINE . 8) TYPE OF FUEL : DUEL FUEL (GAS +LIQUID) 9) THE COMBUSTOR IS AN ANNULAR TYPE WITH 30 FUEL NOZZLES AND 2 SPARK IGNITERS PLUGS , FED BY (HIGH ENERGY) IGNITER UNIT , IGNITING THE FUEL SPRAY FROM BURNERS FLAME TUBES . 10) STARTING SYSTEM : HYDRAULIC STARTER MOTOR COUPLED TO THE MAIN SHAFT THROUGH A GEAR BOX AND CLUTCH . 11) LUBRICATING SYSTEM : RE -CIRCULATORY SYSTEM . 12) THE ACCESSORY DRIVE ASSEMBLY IS DRIVEN THROUGH THE COMPRESSOR ROTOR SHAFT VIA THE INLET GEAR BOX , RADIAL DRIVE SHAFT , AND TRANSFER GEARBOX . THE ACCESSORY GEARBOX PROVIDES MOUNTING FOR THE FUEL PUMP , LUBE OIL PUMP ,AIR /OIL SEPARATOR , AND HYDRAULIC STARTER . INSTRUMENTATION REQUIREMENTS : * COMPLETE EXHAUST THERMO - COUPLE HARNESS. IMPORTANT NOTES *RECOMMENDED SPARE PARTS FOR ONE YEAR OPERATION AND LIFTING DEVICE (BEAM +SLING LIFT). HORIZONTAL STAND AND SPECIAL TOOLS MUST BE INCLUDED AND COMPLETED PRICED LIST	1

	OF THEM MUST BE ATTACHED WITH THE OFFER . THE SUPPLIER MUST CARRY OUT THE INSTALLATION AND RUN THE ENGINE AT THE SITE AND RESPONSIBLE FOR PROVIDING THE OIL OF THE FIRST RUN . FINAL TEST ON THE SITE AND RECOMMISSIONING . THE ENGINE MUST BE WARRANTED FOR DEFECTS ARISING FROM FAULTY DESIGN , MATERIAL OR WORKMANSHIP AS FOLLOWING . A - 12 MONTHS FROM INSTALLATION B - 18 MONTHS FROM DELIVERY C - 8000 HOURS , RUNNING AT BASE LOAD . PRESERVE THE ENGINE FOR LONG TERM STORAGE AND PACK FOR DELIVERY . DELIVERY PERIOD MUST BE INCLUDED IN THE OFFER NOTES : 1 - WITNESS FOR SIX SOC ENGINEERS FOR TWO WEEKS WITHOUT TRAVELING DAYS ON THE SUPPLIER ACCOUNT (FOR ALL COST) AT THE FINAL TEST MUST BE INCLUDED IN THE OFFER . 2 - TRAINING FOR SOC ENGINEERS AND TECHNICIANS FOR TWO WEEKS WITHOUT TRAVELING DAYS ON THE SUPPLIER ACCOUNT (FOR ALL COST) MUST BE INCLUDED IN THE OFFER . 3 - SUPPLIER SHOULD CHECK THE ENGINES ON THE SITE AND SUBMIT HIS COMMERCIAL OFFER . <u>ORIGIN :</u> USA , CANADA , GERMANY & ITALY	
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