

## Terms of Reference for the Procurement of Goods

LLC Gardabani TPP is conducting management and operation of its own, first 230 MW combined cycle thermal power plant in Georgia. General Electric manufactured 2 gas turbines and 2 generators constitute one of the main components of the power plant. According to the manufacturers' recommendations and Operation & Maintenance Manuals, in the course of operation gas turbines as well as other equipment existing in the power plant require periodic maintenance/inspections. General Electric manufactured 6FA type gas turbines after 24 000 operated hours require Hot Gas Path Inspection. The purchase of relevant spare parts is required for the implementation of the above mentioned inspection.

**LLC Gardabani TPP is planning to procure relevant spare parts and consumables for the above mentioned inspection according to this Terms of Reference.**

Commercial operation date (COD) for Gardabani Power Plant is September 28, 2015. Since COD of power plant General Electric manufactured 6FA type gas turbines have undergone technological upgrade. Particularly, upgraded turbines require Hot Gas Path Inspection after 32 000 Factored Fired Hours (FFH) instead of 24 000 FFH. The mentioned upgrade substantially increases maintenance interval and decreases operation and maintenance costs.

**Accordingly, goods offered by the bidder shall comply with the above parameters with 32 000 FFH resource.**

**As it was mentioned above, General Electric manufactured 6FA type gas turbines are installed at the Gardabani power plant, hence, the goods proposed by the bidder must be compatible to the General Electric manufactured 6FA type gas turbines installed at the Gardabani power plant.**

**The bidder must provide goods in accordance with Table N1 and consumables in accordance with Table N2.**

**Table N1**

N	Description/აღწერილობა	Details/დეტალიზაცია
1	Completing remaining inventory for GT1 (32k)/გაზის ტურბინა N1-ისთვის დარჩენილი მარაგები 32 000 საათიან მუშაობის რესურსზე	Stage 1 Nozzles/პირველი რიგის საქშენები
		Stage 1 Seals/პირველი რიგის შემამჭიდროვებელი
		Stage 2 Nozzles/მეორე რიგის საქშენები
		Stage 2 Seals/მეორე რიგის შემამჭიდროვებელი
		Stage 3 Nozzles/მესამე რიგის საქშენები
		Stage 3 Seals/მესამე რიგის შემამჭიდროვებელი
2	Full set of capitals for GT2 (32k)/კაპიტალური ნაწილების სრული ნაკრები გაზის ტურბინა N2-ისთვის 32 000 საათიან მუშაობის რესურსზე	CAP ASSEMBLY, COMBUSTION/საწვავი კამერის ხუფის ნაკრები
		COMBUSTION LINER ASSEMBLY/საწვავი კამერის შიდა გარსის ნაკრები
		6FA TRANSITION PC ASSY/6FA-ის საწვავი კამერის გადამცემის ნაკრები
		ASSY,FUEL NOZZLE GAS ONLY/გაზის საწვავის საქშენის ნაკრები
		Stage 1 Nozzles/პირველი რიგის საქშენები

	GT STAGE 1 BLADES /გაზის ტურბინის პირველი რიგის ფრთები
	Stage 1 Seals/პირველი რიგის შემამჭიდროველები
	Stage 2 Nozzles/მეორე რიგის საქშენები
	GT STAGE 2 BLADES/გაზის ტურბინის მეორე რიგის ფრთები
	Stage 2 Seals/მეორე რიგის შემამჭიდროველები
	Stage 3 Nozzles/მესამე რიგის საქშენები
	GT STAGE 3 BLADES/გაზის ტურბინის მესამე რიგის ფრთები
	Stage 3 Seals/მესამე რიგის შემამჭიდროველები

The proposed goods must be new, unused, of high quality and must comply with the characteristics set forth in the technical terms and standards applicable for such goods.

During Tender process along with the proposal the bidder shall also submit quality assurance documents for the goods. Particularly: quality certificate issued by the manufacturer, manufacturer's management quality certificate.

The Proposal shall be submitted excluding taxes.

During market research proposal shall be submitted in US Dollars.

Delivery Term: DAT/Port of Import (Incoterms 2010). Customs clearance will be conducted by the purchaser.

- Delivery Period: no later than 12 months.

- Warranty period: 1 year from the installation of goods.

**Table N2 Consumables**

Definition	QTY
SPACER, OUTER BODY	30
BODY ASSY, INNER CAP	6
Rivet	60
Weldment Sleeve	30
-	96
INSERT, SIDE FRAME	12
INNER AFT RAIL PROTECTOR	6
OUTER AFT RAIL PROTECTOR	6
WASHER	6
BOLT, TENSION EXT WRENCHING	6
NUT	18
Bushings	12
Bushings	12
WASHER, DISC SPRING	24
WASHER, FLAT	12
GUSSET	12
STRIP, SEALING	6
STRIP, SEALING	6
SEALING STRIP	6
PLATE, SEAM SEAL IMPINGEMENT SLEEVE	12

BOLT, TENSION EXT WRENCHING	12
6FA BULL HORN ASSEMBLY	6
	6
LOCKPLATE	12
TP BOLT	12
ASSY,RETAINER SIDE SEAL	6
	6
	18
LOCKING PLATE	12
ASSY, SIDE SEAL-LAMINATE	6
SPARK PLUG, SPRING POSITI	2
ORIFICE PLATE	4
STL LOCKNUT	32
BOLT, HEX HD - ALLOY STL	32
GASKET, SPIRAL WOUND	8
6FA BULL HORN ASSEMBLY	6
	6
LOCKPLATE	12
TP BOLT	12
ASSY,RETAINER SIDE SEAL	6
	6
	18
LOCKING PLATE	12
ASSY, SIDE SEAL-LAMINATE	6
SPARK PLUG, SPRING POSITI	2
ORIFICE PLATE	4
STL LOCKNUT	32
BOLT, HEX HD - ALLOY STL	32
GASKET, SPIRAL WOUND	8
TUBE,GUIDE,TC STG 1	2
PLUG,RETAINER	24
PLUG,RETAINER	20
PLUG ASSY BORESCOPE	5
PLUG ASSY BORESCOPE	10
LOCK PLATE	10
PIN,ROTOR CHECK	4
STUD, BODY BOUND	1
STUD, BODY BOUND	1
NUT	4
TWELVE POINT NUT	1
NUT	6
STUD,THREADED ENDS	2
STUD,THREADED ENDS	1
BOLT HX HD	2
HARDENED STEEL WASHER	1
STUD,THREADED ENDS	1
STUD,THREADED ENDS	4
HARDENED STEEL WASHER	4
HARDENED STEEL WASHER	10
WIRE,LOCKING INSERT 3/4 IN -10UNC LG 2D	2
DOWEL 3/4- OD X 2.5-	12
CLOTH SEAL	28
SEAL,BRAIDED WIRE ROPE 6FA 0705	2
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	9

CLOTH SEAL	28
CLOTH SEAL	9
CLOTH SEAL	28
PIN,ANTI-ROTATE SHRD STG1	24
PIN,STRAIGHT,HEADLESS	2
PIN,ANTI-ROTATE-INN SHRD	72
SEALS,TURBINE-HORIZONTAL JOINT	2
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
SEALS,TURBINE-HORIZONTAL JOINT	2
SEAL, HORZ JOINT	2
SEALS,TURBINE-HORIZONTAL JOINT	2
PIN SHROUD TURBINE	24
PIN,BORESCOPE-STG2 HANGER	3
CLOTH SEAL	22
CLOTH SEAL	22
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
PIN SHROUD TURBINE	24
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
CLOTH SEAL	22
CLOTH SEAL	22
PIN,BORESCOPE	3
GASKET, SPIRAL WOUND	1
BOLT HEXA.HEAD 3/4 IN 10UNC LG 2 IN 1/2	1
LOCKWASHER, EXT TOOTH	8
NUT, SELF-LOCKING	4
HX HD CAP SCR & BOLT	4
BOLT HEXA.HEAD 3/4 IN 10UNC LG 12 IN 1/2 ALLOY STEEL CHROMATED-ZINC PLATED 0.0005 INCH	2
GASKET, SPIRAL WOUND	10
GASKET, SPIRAL WOUND	4
GASKET, SPIRAL WOUND	4
GASKET, SPIRAL WOUND	8
GASKET, SPIRAL WOUND	10
GASKET SPIRALWOUND SS304 3 IN 600LB 900 ٤٤F	8
GASKET, SPIRAL WOUND	12
GASKET, SPIRAL WOUND	10
GASKET SPIRALWOUND SS304 8 IN 300LB 900 ٤٤F6	18
LOCKING PLATE	16
LOCKING PLATE	32
TUBE CONN	4
C TUB CON MALE	12
BOLT HEXA.HEAD 7/8 IN 9UNC LG 13 IN 1/2 CHROMATED-ZINC PLATED 0.0005 INCH	3
BOLT HEXA.HEAD 5/8 IN 11UNC LG 2 IN 1/4 ALLOY STEEL CHROMATED-ZINC PLATED 0.0005 INCH	4
BOLT HEXA.HEAD 5/8 IN 11UNC LG 2 IN 1/4 ALLOY STEEL CHROMATED-ZINC PLATED 0.0005 INCH	7
BOLT HEXA.HEAD CHROMATED-ZINC PLATED 0.0005 INCH	2
BOLT HEXA.HEAD CHROMATED-ZINC PLATED 0.0005 INCH	4
BOLT HEXA.HEAD CHR-ZINC	7

BOLT HEXA.HEAD	2
BOLT HEXA.HEAD 3/4 IN 10UNC LG 3 IN 3/4	7
SCREW CHROMATED-ZINC PLATED 0.0005 INCH	4
HX HD CAP SCR & BOLT	16
SCREW,HEX HD.7/8 IN 9UNC LG 4 IN 3/4 LG CHROMATED-ZINC PLATED 0.0005 INCH	3
SCREW CHROMATED-ZINC PLATED 0.0005 INCH	5
BOLT HEXA.HEAD 3/8 IN 16UNC LG 7/8 IN ALLOY STEEL	4
LOCK NUT	16
LOCK NUT CARBON STEEL 3/4 IN 10 UNCCHROMATED- ZINC PLATED 0.0005 INCH	312
LOCK NUT CARBON STEEL 5/8 IN 11 UNC	7
LOCK NUT CARBON STEEL 7/8 IN 9 UNC CHROMATED- ZINC PLATED 0.0005 INCH	96
LOCKING PLATE	16
GASKET,PIPE FLANGE	3
CONNECTOR 1/2 IN NPTF - 1/2 IN T	1
TUBE CONN	4
C_TUB_REDUCER	1
SCREW	1
LOCK NUT CARBON STEEL 5/8 IN 11 UNC	1
COIL COOLING WATER	1
HX HD CAP SCR & BOLT	2
LOCKING PLATE	16
GASKET PIP FLANGE DIA 6 IN	2
GASKET PIP FLANGE DIA 4 IN	5
EXPENSION JOINT 4 IN	2
BOLT HEXA.HEAD 3/4 IN 10UNC LG 3 IN 1/4	2
HX HD CAP SCR & BOLT	2
LOCK NUT CARBON STEEL 5/8 IN 11 UNC	32
LOCK NUT CARBON STEEL 5/8 IN 11 UNC	16
LOCK NUT CARBON STEEL 5/8 IN 11 UNC	2
PIN,PLATFORM SEAL STG1	92
PIN, PLATFORM SEAL TURB	92
PIN, PLATFORM SEAL - STG3	92
PIN SHANK SEAL TURB STAGE	184
PIN, SHANK SEAL - STG 2	184
PIN, SHANK SEAL - STG3	92
LOCKWIRE, 6FA STG 1/2	1
LOCKWIRE, 6FA STG 1/2	1
LOCKWIRE, 6FA STG 3	1
PIN DOWEL 6F STG 1-3	9
PIN DOWEL 6F STG 1-3	9
PIN DOWEL 6F STG 1-3	9
PIN ANTI-ROT. STG1 NOZ	24
PIN,BOROSCOPE	3
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
PLUG ASSY BORESCOPE	2
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
SHIM,JOINT	1
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22

CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
LOCKPLATE,DIAPH BOLT	24
SEAL,HORZ JOINT	2
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
PIN,BOREScope	2
PLATE,ANGEL WING STG 2	5
BOLT,DIAPHRAGM	10
PIN,ANTI-ROT.NOZZ STG2	10
V-SEAL 6FA+E STG-2	4
SEAL,HORZ JOINT	2
SEAL, HORZ JOINT	2
SEAL,HORZ JOINT	2
SEAL,HORZ JOINT	2
SEAL,HORZ JOINT	2
SEAL,HORZ JOINT	2
SEAL,HORZ JOINT	2
SEAL,HORZ JOINT	2
SEAL,HORZ JOINT	2
WIRE,LOCKING INSERT 3/4 IN -10UNC LG 2D	2
DOWEL 3/4- OD X 1.9-	2
PIN DOWEL	1
BOLT 12 PT,3/4 IN -10UNC	6
BOLT 12 PT,3/4 IN -10UNC	2
CLOTH SEAL	18
CLOTH SEAL	18
CLOTH SEAL	18
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
CLOTH SEAL	18
CLOTH SEAL	18
SEAL, HORZ JOINT	2
PIN,ANTI-ROTATE NOZZ STG3	4
BOLT,DIAPHRAGM	8
LOCKPLATE,DIAPH BOLT	20
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
CLOTH SEAL	18
CLOTH SEAL	18
SEAL, HORZ JOINT	2
PIN,BOREScope	1
SEAL, HORZ JOINT	2
DOWEL 1- OD X 2.75-	1

BOLT 12 PT,1 IN -8UNC	1
ALY STL 12PT SCREW	1
NUT	45
DOWEL 1.5- OD X 4.5-	1
STUD THREADED ENDS	1
STUD,THREADED ENDS	22
ALY STL 12PT SCREW	13
ALY STL 12PT SCREW	6
ALY STL 12PT SCREW	5
ALY STL 12PT SCREW	15
TWELVE POINT NUT	20
TWELVE POINT NUT	1
HARDENED STEEL WASHER	45
DOWEL PIN 1/2 IN LG 2 IN STANDARD CS	1
DOWEL 1- OD X 3-	1
DOWEL 1- OD X 3.25-	1
WELL,THERMOCOUPLE	2
ADAPTER,THERMOCOUPLE	2
TUBE,GUIDE,TC STG 1	2
CLAMP LOOP	4
TUBE CONN	2
BOLT HEXA.HEAD 1/4 IN 20UNC LG 1/2 IN	4
GASKET SPIRALWOUND SS304 3 IN 600LB 900 F	7
ALY STL 12PT SCREW	18
BOLT HEXA.HEAD 3/4 IN 10UNC LG 4 IN 1/2 ALLOY STEEL	10
SCREWSOCHD	5
LOCKNUT CARBON STEEL 3/4 IN -10UNC	48
NUT SLFLKG	18
PIN,GUIDE-CASE	18
GASKET, SPIRAL WOUND	6
PIN, GUIDE	18
WIRE LOCKING INSERT	18
INSERT,WIRE-LOCKING	2
SEAL,COMB.-FLOW SLEEVE	2
SEAL,COMB.-FLOW SLEEVE	2
SEAL,COMB.-FLOW SLEEVE	1
SEAL,COMB.-FLOW SLEEVE	1
RETAINER,TUBE-CROSS FIRE	12
GASKET	2
GASKET, SERRATED METAL	4
RING,PISTON-COMB	1
RING,PISTON-COMB	1
RING,PISTON-COMB	1
RING,PISTON-COMB	1
HX HD CAP SCR & BOLT	8
BOLT 12 PT,5/8 IN -11UNC	2
ALY STL 12PT SCREW	4
ALY STL 12PT SCREW	18
SCREW CAP FLAT HEX	2
SCREWSOCHD	3
WASHER, PLAIN	8
ASSY,CROSSFIRE TUBE-FEM.	6
CROSSFIRE TUBE ASSY	2
ASSY,CROSSFIRE TUBE-FEM.	6
INSERT AND GASKET ASSY	12

GASKET	6
SIGHT TUBE ASSY FLAME DET	2
PLAIN WASHER NARROW GE 3/4 IN CS	16
STOP, LINER ANTI-WITHDR	6
UNION CONNECTOR,REDUCER	1
CLOTH SEAL ASSY, OUTER	6
CLOTH SEAL ASSY, INNER	6
PLUG,RETAINER	24
PLUG,RETAINER	20
PLUG ASSY BORESCOPE	5
PLUG ASSY BORESCOPE	10
LOCK PLATE	10
PIN,ROTOR CHECK	4
PIPE PLUG	1
STUD, BODY BOUND	1
STUD, BODY BOUND	1
NUT	4
TWELVE POINT NUT	1
NUT	6
STUD,THREADED ENDS	2
STUD,THREADED ENDS	1
ALY STL 12PT SCREW	20
BOLT HX HD	2
HARDENED STEEL WASHER	1
STUD,THREADED ENDS	1
STUD,THREADED ENDS	4
HARDENED STEEL WASHER	4
HARDENED STEEL WASHER	10
WIRE,LOCKING INSERT 3/4 IN -10UNC LG 2D	2
DOWEL 3/4- OD X 2.5-	12
6FA BULL HORN ASSEMBLY	6
TP BOLT, BB	18
LOCK PLATE	6
LOCKING PLATE	12
SIDE SEAL, ASSY-CLOTH	6
ASSY, RETAINER, TP-SIDSEAL	6
TP LKPLATE	6
LOCKPLATE	12
TP BOLT	12
CONN THERM	1
CONN THERM	1
CONN THERM	1
CONN THERM	1
GASKET	7
WIRE LOCKING INSERT	60
PIN,STRAIGHT,HEADLESS	1
PIN,STRAIGHT,HEADLESS	1
PIN,STRAIGHT,HEADLESS	1
PIN,STRAIGHT,HEADLESS	2
WIRE LOCKING INSERT	20
WIRE LOCKING INSERT	2
WIRE LOCKING INSERT	5
ALY STL 12PT SCREW	15
PROBE HOLDER ASSY GEN 2	6
O-SEAL, METAL	14
CLOTH SEAL	28



SEAL,BRAIDED WIRE ROPE 6FA 0705	2
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	9
CLOTH SEAL	28
CLOTH SEAL	9
CLOTH SEAL	28
PIN,ANTI-ROTATE SHRD STG1	24
PIN,STRAIGHT,HEADLESS	2
PIN,ANTI-ROTATE-INN SHRD	72
SEALS,TURBINE-HORIZONTAL JOINT	2
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
SEALS,TURBINE-HORIZONTAL JOINT	2
SEAL, HORZ JOINT	2
SEALS,TURBINE-HORIZONTAL JOINT	2
PIN SHROUD TURBINE	24
PIN,BORESCOPE-STG2 HANGER	3
CLOTH SEAL	22
CLOTH SEAL	22
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
PIN SHROUD TURBINE	24
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
CLOTH SEAL	22
CLOTH SEAL	22
PIN,BORESCOPE	3
NUT LOCK 12 POINTS 3/4 IN 10UNC	3
PLUG, INNER-BARREL	4
GASKET, SPIRAL WOUND	1
BOLT HEXA.HEAD 3/4 IN 10UNC LG 2 IN 1/2	1
LOCKWASHER, EXT TOOTH	8
NUT, SELF-LOCKING	4
HX HD CAP SCR & BOLT	4
BOLT HEXA.HEAD 3/4 IN 10UNC LG 12 IN 1/2 ALLOY STEEL CHROMATED-ZINC PLATED 0.0005 INCH	2
GASKET, SPIRAL WOUND	10
GASKET, SPIRAL WOUND	4
GASKET, SPIRAL WOUND	4
GASKET, SPIRAL WOUND	8
GASKET, SPIRAL WOUND	10
GASKET SPIRALWOUND SS304 3 IN 600LB 900 F	8
GASKET, SPIRAL WOUND	12
GASKET, SPIRAL WOUND	10
GASKET SPIRALWOUND SS304 8 IN 300LB 900 F6	18
LOCKING PLATE	16
LOCKING PLATE	32
TUBE CONN	4
C TUB CON MALE	12
BOLT HEXA.HEAD 7/8 IN 9UNC LG 13 IN 1/2 CHROMATED-ZINC PLATED 0.0005 INCH	3
BOLT HEXA.HEAD 5/8 IN 11UNC LG 2 IN 1/4 ALLOY STEEL CHROMATED-ZINC PLATED 0.0005 INCH	4

BOLT HEXA.HEAD 5/8 IN 11UNC LG 2 IN 1/4 ALLOY STEEL CHROMATED-ZINC PLATED 0.0005 INCH	7
BOLT HEXA.HEAD CHROMATED-ZINC PLATED 0.0005 INCH	2
BOLT HEXA.HEAD CHROMATED-ZINC PLATED 0.0005 INCH	4
BOLT HEXA.HEAD CHR-ZINC	7
BOLT HEXA.HEAD	2
BOLT HEXA.HEAD 3/4 IN 10UNC LG 3 IN 3/4	7
SCREW CHROMATED-ZINC PLATED 0.0005 INCH	4
HX HD CAP SCR & BOLT	16
SCREW,HEX HD.7/8 IN 9UNC LG 4 IN 3/4 LG CHROMATED-ZINC PLATED 0.0005 INCH	3
SCREW CHROMATED-ZINC PLATED 0.0005 INCH	5
BOLT HEXA.HEAD 3/8 IN 16UNC LG 7/8 IN ALLOY STEEL	4
LOCK NUT	16
LOCK NUT CARBON STEEL 3/4 IN 10 UNCCHROMATED-ZINC PLATED 0.0005 INCH	312
LOCK NUT CARBON STEEL 5/8 IN 11 UNC	7
LOCK NUT CARBON STEEL 7/8 IN 9 UNC CHROMATED-ZINC PLATED 0.0005 INCH	96
LOCKING PLATE	16
GASKET,PIPE FLANGE	3
CONNECTOR 1/2 IN NPTF - 1/2 IN T	1
TUBE CONN	4
C TUB UNION	2
C TUB UNION	2
UNION,TUBE-REDUCING	4
C TUB REDUCER	1
SCREW	1
LOCK NUT CARBON STEEL 5/8 IN 11 UNC	1
COIL COOLING WATER	1
GASKET, SERRATED METAL	4
BOLT HEXA.HEAD 3/4 IN 10UNC LG 3 IN 1/4	3
LOCK NUT CARBON STEEL 5/8 IN 11 UNC	3
HX HD CAP SCR & BOLT	1
SCREW,HEX HD.7/8 IN 9UNC LG 4 IN 3/4 LG CHROMATED-ZINC PLATED 0.0005 INCH	12
GASKET SPIRALWOUND 1 IN 1/4 300LB 900 ½ F 316SS	6
GASKET, SPIRAL WOUND	12
GASKET, SPIRAL WOUND	12
GASKET SPIRALWOUND SS316 4 IN 300LB 900 ½ F6	8
GASKET, SPIRAL WOUND	4
GASKET SPIRALWOUND SS316 8 IN 300LB 900 ½ F6	1
GASKET SPIRALWOUND SS316 8 IN 300LB 900 ½ F6	1
GASKET SPIRALWOUND SS316 8 IN 300LB 900 ½ F6	2
GASKET SPIRALWOUND SS316 8 IN 300LB 900 ½ F6	2
LOCKING PLATE	8
BOLT HEXA.HEAD CHROMATED-ZINC PLATED 0.0005 INCH	2
BOLT HEXA.HEAD CHROMATED-ZINC PLATED 0.0005 INCH	10
BOLT HEXA.HEAD CHROMATED-ZINC PLATED 0.0005 INCH	10
HX HD CAP SCR & BOLT	2
SCREW CHROMATED-ZINC PLATED 0.0005 INCH	5

HX HD CAP SCR & BOLT	2
SCREW CHROMATED-ZINC PLATED 0.0005 INCH	1
SCREW CHROMATED-ZINC PLATED 0.0005 INCH	2
SCREW CHROMATED-ZINC PLATED 0.0005 INCH	2
BOLT 12 PT, 1 IN -8UNC	6
LOCK NUT CARBON STEEL 5/8 IN 11 UNC CHROMATED-ZINC PLATED 0.0005 INCH	120
LOCK NUT CARBON STEEL 5/8 IN 11 UNC CHROMATED-ZINC PLATED 0.0005 INCH	96
LOCK NUT CARBON STEEL 3/4 IN 10 UNC CHROMATED-ZINC PLATED 0.0005 INCH	84
LOCK NUT CARBON STEEL 7/8 IN 9 UNC CHROMATED-ZINC PLATED 0.0005 INCH	12
LOCK NUT	12
LOCK NUT CARBON STEEL 7/8 IN 9 UNC CHROMATED-ZINC PLATED 0.0005 INCH	12
LOCK NUT CARBON STEEL 7/8 IN 9 UNC CHROMATED-ZINC PLATED 0.0005 INCH	24
LOCK NUT CARBON STEEL 7/8 IN 9 UNC CHROMATED-ZINC PLATED 0.0005 INCH	24
GASKET, SERRATED METAL	24
GASKET	12
GASKET, SERRATED METAL	12
GASKET, SPIRAL WOUND	2
GASKET, SPIRAL WOUND	5
GASKET SPIRALWOUND SS304 3 IN 600LB 900 F	9
GASKET SPIRALWOUND SS304 3 IN 600LB 900 F	3
GASKET, SPIRAL WOUND	2
GASKET, SPIRAL WOUND	5
BOLT HEXA.HEAD CHROMATED-ZINC PLATED 0.0005 INCH	5
BOLT HEXA.HEAD	10
BOLT HEXA.HEAD CHROMATED-ZINC PLATED 0.0005 INCH	2
BOLT HEXA.HEAD CHROMATED-ZINC PLATED 0.0005 INCH	7
BOLT HEXA.HEAD CHROMATED-ZINC PLATED 0.0005 INCH	5
BOLT HEXA.HEAD	4
BOLT HEXA.HEAD	7
SCREW CHROMATED-ZINC PLATED 0.0005 INCH	2
SCREW CHROMATED-ZINC PLATED 0.0005 INCH	10
LOCK NUT	144
LOCK NUT	2
LOCK NUT	48
LOCK NUT	5
LOCKING PLATE	16
GASKET PIP FLANGE DIA 6 IN	2
GASKET PIP FLANGE DIA 4 IN	5
EXPENSION JOINT 4 IN	2
BOLT HEXA.HEAD 3/4 IN 10UNC LG 3 IN 1/4	2
HX HD CAP SCR & BOLT	2
LOCK NUT CARBON STEEL 5/8 IN 11 UNC	32
LOCK NUT CARBON STEEL 5/8 IN 11 UNC	16
LOCK NUT CARBON STEEL 5/8 IN 11 UNC	2
CABLE, SIC FLAME DET2-WIRE	1
SPARK PLUG, SPRING POSITI	0

GASKET	4
PISTON ASSY, SPARK PLUG	2
IGNITER ASSY, SPARK PLUG	1
NUT, HEX	8
LK WASHER, SPRING	8
PIN,PLATFORM SEAL STG1	92
PIN, PLATFORM SEAL TURB	92
PIN, PLATFORM SEAL - STG3	92
PIN SHANK SEAL TURB STAGE	184
PIN, SHANK SEAL - STG 2	184
PIN, SHANK SEAL - STG3	92
LOCKWIRE, 6FA STG 1/2	1
LOCKWIRE, 6FA STG 1/2	1
LOCKWIRE, 6FA STG 3	1
PIN DOWEL 6F STG 1-3	9
PIN DOWEL 6F STG 1-3	9
PIN DOWEL 6F STG 1-3	9
PIN ANTI-ROT. STG1 NOZ	24
PIN,BOROSCOPE	3
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
PLUG ASSY BORESCOPE	2
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
SHIM,JOINT	1
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
LOCKPLATE,DIAPH BOLT	24
SEAL,HORZ JOINT	2
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
CLOTH SEAL	22
PIN,BOREScope	2
PLATE,ANGEL WING STG 2	5
BOLT,DIAPHRAGM	10
PIN,ANTI-ROT.NOZZ STG2	10
V-SEAL 6FA+E STG-2	4
SEAL,HORZ JOINT	2
SEAL, HORZ JOINT	2
SEAL,HORZ JOINT	2

SEAL,HORZ JOINT	2
SEAL,HORZ JOINT	2
SEAL,HORZ JOINT	2
SEAL,HORZ JOINT	2
SEAL,HORZ JOINT	2
WIRE,LOCKING INSERT 3/4 IN -10UNC LG 2D	2
DOWEL 3/4- OD X 1.9-	2
PIN DOWEL	1
BOLT 12 PT,3/4 IN -10UNC	6
BOLT 12 PT,3/4 IN -10UNC	2
CLOTH SEAL	18
CLOTH SEAL	18
CLOTH SEAL	18
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
CLOTH SEAL	18
CLOTH SEAL	18
SEAL, HORZ JOINT	2
PIN,ANTI-ROTATE NOZZ STG3	4
BOLT,DIAPHRAGM	8
LOCKPLATE,DIAPH BOLT	20
SEAL, HORZ JOINT	2
SEAL, HORZ JOINT	2
CLOTH SEAL	18
CLOTH SEAL	18
SEAL, HORZ JOINT	2
PIN,BOREScope	1
SEAL, HORZ JOINT	2
DOWEL 1- OD X 2.75-	1
BOLT 12 PT,1 IN -8UNC	1
ALY STL 12PT SCREW	1
NUT	45
DOWEL 1.5- OD X 4.5-	1
STUD THREADED ENDS	1
STUD,THREADED ENDS	22
ALY STL 12PT SCREW	13
ALY STL 12PT SCREW	6
ALY STL 12PT SCREW	5
ALY STL 12PT SCREW	15
TWELVE POINT NUT	20
TWELVE POINT NUT	1
HARDENED STEEL WASHER	45
DOWEL PIN 1/2 IN LG 2 IN STANDARD CS	1
DOWEL 1- OD X 3-	1
DOWEL 1- OD X 3.25-	1
GASKET-EDGE SEAL	23
BOLT, HEX HD	1
NUT, ELASTIC STOP	2
BOLT, SELF-LOCKING HEX HD	12
WASHER, PLAIN - TYPE B	3
GASKET	2
RUB RING 360 DEGREE	2
BOLT, SELF-LOCKING HEX HD	3
WASHER, PLAIN - TYPE B	3
LINING CE	0
LINING TE	0

SCREW,CAP HEX HD	1
SCREW,CAP HEX HD	1
TOOTH MATERIAL	1
TOOTH MATERIAL	1
OIL DFTR NO VAPOR EXTR	1
OIL DFTR NO VAPOR EXTR	1
SCREW,CAP HEX HD	1
SCREW,CAP HEX HD	1
TOOTH MATERIAL	1
TOOTH MATERIAL	1
SCREW, 12 PT	1
SCREW, 12 PT	1
BOLT, SELF-LOCKING HEX HD	3
BOLT, SELF-LOCKING HEX HD	3
GASKET (.25TX2.25WX33.00L	8
GASKET (.25TX2.25WX30.50L	8
MAKE-UP AIR FILTER ASM	4
MAKE-UP AIR FILTER ASM	2
CLIP FOR BRUSH HOLDER	1
CARBON BRUSH (W/PIGTAIL)	4
RET RING INSUL ASSY	2
SCREW, SOCKET HEAD CAP	2
CONTACT ENGINEERING	1
CONTACT ENGINEERING	0
GASKET,HEATER FLANGE	2
GASKET 4.00" 150#	1
GASKET 2.00" 150#	12
GASKET 2.00" 150#	1
GASKET 2.00" 150#	1
GASKET 4.00" 150#	1