

**OIL & GAS DEVELOPMENT COMPANY LIMITED**  
**PROCUREMENT DEPARTMENT, ISLAMABAD**  
**FOREIGN SECTION B**

(To be completed, filled in, signed and stamped by the principal)

ANNEXURE 'A'

**Material** SPARE PARTS OF WAUKESHA ENGINES  
**Tender Enquiry No** PROC-FB/CB/PROD-4433/2019  
**Due Date**  
**Evaluation Criteria** FULL

**SCHEDULE OF REQUIREMENT**

Sr No	Description	Unit	Quantity	Unit Price (FOB)	Total Price (FOB)	Unit Price C & F BY SEA	Total Price C & F BY SEA	Deviated From Tender Spec. If Any
1	WASHER GUIDE, P # 351160	Number	6	✓				
2	DIAPHRAGM ASSY., P # 493670	Number	18	✓				
3	MAIN BRG SET, P # G-918-323	Number	6	✓				
4	MAIN BEARING, P # 351071A	Number	2	✓				
5	HEAD GASKET CYLINDER, P # 350980A	Number	12	✓				
6	VALVE INTAKE, P # 350972	Number	36	✓				
7	VALVE EXHAUST 30 DEG, P # 350973B ,350973A IASY SPARES FOR WAUKESHA ENGINE MODEL F11GSIU	Number	30	✓				
8	KEY VALVE STEM, P # 350978	Number	120	✓				
9	INSERT VALVE EXHAUST 30 DEG, P # 350969B	Number	36	✓				
10	INSERT INT VALVE SEAT IP# 350968IASY SPARES FOR WAUKESHA ENGINE MODEL F11GSIU	Number	30	✓				
11	GUIDE INTAKE VALVE, P # 350965	Number	36	✓				
12	GUIDE EXHAUST VLAVE, P # 350966	Number	20	✓				
13	SEAL VALVE, P # 350967A	Number	48	✓				
14	CAP SCREW, HEX HEAD M12 X 35 MM, P # 290088	Number	48	✓				
15	RING SEAL, P # 351269A	Number	2	✓				
16	RING SEAL, P # 351228	Number	6	✓				
17	GOVERNOR, P # 351396C	Number	3	✓				
18	KIT REPAIR O/P, P # G980158	Number	6	✓				
19	SEAL CYLINDER SLEEVE, P # 351732	Number	36	✓				
20	BEARING SET UPPER & LOWER, P # A351046	Number	12	✓				
21	SNGL SLEEVE KIT, P # G-932-278	Number	36	✓				
22	THERMOSTAT 174DF-79DC, P # 351138	Number	12	✓				
23	THERMOSTAT 174DF-79DC, P # 351139A	Number	12	✓				
24	ASSY TURBOCHARGER, P # C351686 IASY SPARES FOR WAUKESHA ENGINE MODEL F11GSIU	Number	6	✓				
25	O-RING, 1.75X2.00X. 12, P # 351715	Number	6	✓				
26	SPARK PLUG WIRE (69426B), P # 69462B	Number	48	✓				
27	IGNITION TRANSFORMER, P # 60615F	Number	6	✓				
28	ADAPTER SPAREK PLUG TO COIL, P # 69772H	Number	12	✓				
29	CABLE ASM, MAG CSA, P # G208502E	Number	2	✓				
30	CARBURATOR TURBO HIGH BOOST, P # 350749M	Number	1	✓				
31	TUBE WATER INLET, P # 351454V	Number						

*Verified*  
*Quadratullah Khan*  
**QUDRATULLAH KHAN**  
 Sr. Engr (Mechanical) (P.D)  
 Ext. 2888  
 12/11/19

**OIL & GAS DEVELOPMENT COMPANY LIMITED**  
**PROCUREMENT DEPARTMENT, ISLAMABAD**  
**FOREIGN SECTION B**

(To be completed, filled in, signed and stamped by the principal)

**ANNEXURE 'A'**

**Material** SPARE PARTS OF WAUKESHA ENGINES  
**Tender Enquiry No** PROC-FB/CB/PROD-4433/2019  
**Due Date**  
**Evaluation Criteria** FULL

32	TUBE WATER OUTLET, P # 351688B	Number	1	✓
33	RING RETAINING, P # 211615A	Number	4	✓
34	GASKET, P # 351610	Number	2	✓
35	ELBOW MALE .88 OD X.75 NPT, P # 199111F	Number	3	✓
36	CONNECTION FLEXIBLE EXHAUST, P # 350820	Number	2	✓
37	ORING OIL PAN DOOR, P # 153121A	Number	12	✓
38	GASKET OIL LINE, P # 208601A	Number	5	✓
39	THERMOSTATE OIL - 160 F, P # 496816	Number	1	✓
40	GASKET LUBE OIL SYSTEM, P # 169874D	Number	4	✓
41	O-RING OIL SUPPLY TUBE, P # 166580N	Number	2	✓
42	GASKET VALVE LIFTER DOOR, P # 168108	Number	6	✓
43	GASKET CAMSHAFT COVER, P # 168516	Number	1	✓
44	GASKET REAR SEAL RETAINER, P # 153023	Number	2	✓
45	GASKET OIL RETAINER, P # 153024	Number	1	✓
46	SEAL LUB OIL STRAINER, P # 493026	Number	4	✓
47	PAPER ELEMENT, P # A208472A	Number	2	✓
48	GASKET, (LUB OIL STRAINER), P # 208611	Number	4	✓
49	ROD END, 312-24 RH, P # 208434F	Number	2	✓
50	ROD END., 312-24LH, P # 208434G	Number	1	✓
51	BEARING ROD END GOV., P # 208434E	Number	4	✓
52	GASKET GOVERNOR, P # 153077	Number	1	✓
53	BUSHING .62NOM X .5LG, P # 168290B	Number	2	✓
54	SHAFT B.V., P # 168510	Number	1	✓
55	KIT REPAIR AUXILIARY WATER PUMP, P # G960253	Number	1	✓
56	AUXILIARY WATER PUMP, P # 208540F	Number	1	✓
57	GASKET, P # 167329	Number	2	✓
58	GASKET THERM HSG, P # 208973	Number	1	✓
59	THERMOSTAT 165, P # 208660D	Number	2	✓
60	GASKET WATER PUMP, P # B2793D	Number	1	✓
61	MANIFOLD EXHAUST ASSY., P # A204342X	Number	1	✓
62	PUMP WATER, ASSY., P # F205060A	Number	1	✓
63	CYLINDER HEAD, P # 204702N	Number	1	✓
64	CYLINDER HEAD ASSY.IP# CK204702N IASY GAS ENGINE "WAUKESHA" MODEL P-9390 GSIU	Number	1	✓

*Vetted*

*Qudratullah Khan*

**QUDRATULLAH KHAN**  
 Sr. Engr (Machinery & GD)  
 Ext-2808  
 12/17/19

**OIL & GAS DEVELOPMENT COMPANY LIMITED**  
**PROCUREMENT DEPARTMENT, ISLAMABAD**  
**FOREIGN SECTION B**

(To be completed, filled in, signed and stamped by the principal)

**ANNEXURE 'A'**

**Material**                    SPARE PARTS OF WAUKESHA ENGINES  
**Tender Enquiry No**        PROC-FB/CB/PROD-4433/2019  
**Due Date**  
**Evaluation Criteria**        FULL

65	EXHAUST EXPANSION BELLOW.	Number	1	✓
66	GASKET, P # 169568G	Number	1	✓
67	ELEMENT AIR CLEANER VGF INLINE, P # 169180L	Number	20	✓
68	ELEMENT PRE-CLEANER, P # 208349	Number	50	✓
69	O-RING RELIEF VALVE, P # 168922M	Number	8	✓
70	O-RING LUBE OIL FILTER COVER, P # 168922L	Number	6	✓
71	BELT SET, P # A199868A	Number	4	✓
72	BELT WATER PUMP, (01 SET= 02 NOS), P # A209617	Number	4	✓
73	GASKET BREATHER FLANGE, P # 168416A	Number	2	✓
74	VALVE EXHAUST, P # 204336F, 204337, 204436K	Number	12	✓
75	VALVE EXHAUST, P # 204236S (W)	Number	12	✓
76	VALVE INTAKE, P # 204436A	Number	12	✓
77	INSERT VALVE SEAT 20 DEG. (INT), P # 211801J	Number	12	✓
78	GUIDE INTAKE VALVE, P # 204209E	Number	12	✓
79	GUIDE EXHAUST VALVE, P # 204209F	Number	12	✓
80	SEAL VALVE STEM-BLUE COLOR, P # 214229	Number	12	✓
81	STEM SEAL VALVE (GREEN), P # 176450G	Number	12	✓
82	ROTATOR VALVE ASM, P # 214230C	Number	24	✓
83	SPRING TAPER VALVE, P # 73629C	Number	72	✓
84	VALVE SEAT EXHAUST, P # 211802B	Number	12	✓
85	SINGLE HEAD GASKET, P # G977-68	Number	6	✓
86	COIL IGNITION, P # 69694G	Number	6	✓
87	PAPER LINER, P # 489191	Number	8	✓
88	SENSOR OXYGEN ASSEMBLY, P # A740106E	Number	1	✓
89	NUT MAIN BEARING, P # 28245	Number	29	✓
90	BALL BEARING, P # B4367	Number	1	✓
91	PLUG SPARK, P # 50900B	Number	24	✓
92	SHAFT BUTTERFLY VALVE, P # 151751	Number	1	✓
93	GASKET OVERHAUL TOP, P # G979110	Number	4	✓
94	VALVE INTAKE, P # 123036L	Number	12	✓
95	GUIDE VALVE INT/EXH, P # 125009J	Number	30	✓
96	VALVE EXHAUST, P # 125136C	Number	12	✓
97	VALVE INSERT SEAT INT., P # 164676	Number	12	✓

*Wetted*  
*Qudratullah Khan*  
**QUDRATULLAH KHAN**  
 Sr. Exp. (Mech.) P&ID  
 EXT 2808

**OIL & GAS DEVELOPMENT COMPANY LIMITED**  
**PROCUREMENT DEPARTMENT, ISLAMABAD**  
**FOREIGN SECTION B**

(To be completed, filled in, signed and stamped by the principal)

**ANNEXURE 'A'**

**Material** SPARE PARTS OF WAUKESHA ENGINES  
**Tender Enquiry No** PROC-FB/CB/PROD-4433/2019  
**Due Date**  
**Evaluation Criteria** FULL

98	SEAL VALVE STEM, P # 208712A	Number	24	✓
99	INSERT VALVE SEAT EXH., P # 48943B	Number	12	✓
100	BASIC GASKET SET, P # G-900-1011	Number	1	✓
101	O/P REPAIR KIT, P # G-980-125	Number	1	✓
102	O RING 2.50X2.69X09, P # 157497F	Number	1	✓
103	SNGL SLVE KIT, P # G-932-217	Number	6	✓
104	GUIDE VALVE LIFTER, P # 156357A	Number	12	✓
105	BEARING, P # 78028	Number	1	✓
106	SEAL OIL, P # 74789	Number	1	✓
107	SHAFT GOV WGT, P # 73934	Number	1	✓
108	BUSHING BRONZE, P # 152655	Number	3	✓
109	BEARING BALL, P # B6980A	Number	1	✓
110	THERMOSTAT, P # 162492A	Number	2	✓
111	BEARING BALL, P # B10067	Number	1	✓
112	WASHR 31/64X27/32X1/4, P # B7974A	Number	1	✓
113	ELEMENT OIL COOLER, P # 41307	Number	1	✓
114	BEARING CONNECTING ROD, P # 123210H	Number	6	✓
115	CAM BSHG SET, P # G-927-29	Number	1	✓
116	SNG PISTON RING KIT, P # G-907-152	Number	6	✓
117	WASHER THRUST, P # 8883Y	Number	1	✓
118	BUSHING ROCKER ARM, P # B4104	Number	12	✓
119	MAIN BEARING KIT (0.020" U/S), P # G-918-233, P # B4104	Number	1	✓
120	RETAINER OIL SEAL, P # G-918-233, P # 87973	Number	1	✓
121	FILTER OIL SIZE 32", P # 168660B	Number	56	✓
122	PLUG SPARK, P # 69512-A	Number	48	✓
123	O-RING, OIL FILTER, P # 168922P	Number	1	✓
124	ELEMENT PRECLEANER, P # 208349A	Number	2	✓
125	GASKET SET, TOP O/H, P # G-979-265	Number	1	✓
126	VALVE OVERHAUL SINGLE VHP, P # G-936-1017	Number	6	✓
127	KIT CYLINDER SLEEVE, P # G-932-182	Number	6	✓
128	VHP 6-12 MAINS STD., P # G-918-344	Number	1	✓
129	CAM BSHG SET, P # G-927-43	Number	1	✓
130	GASKET LOWER, P # G-900-1023	Number	1	✓

*Wetted*  
*Shafiqullah*  
**SHAFIQULLAH KHAN**  
**S. ENG. (MACH. RE & FD)**  
**Ext: 2808**  
**12/7/19**

**OIL & GAS DEVELOPMENT COMPANY LIMITED**  
**PROCUREMENT DEPARTMENT, ISLAMABAD**  
**FOREIGN SECTION B**

(To be completed, filled in, signed and stamped by the principal)

**ANNEXURE 'A'**

**Material** SPARE PARTS OF WAUKESHA ENGINES  
**Tender Enquiry No** PROC-FB/CB/PROD-4433/2019  
**Due Date**  
**Evaluation Criteria** FULL

131	VIBRATION NBL DAMPER, P # 153807A	Number	1	✓
132	RING THRUST SET, P # 153031D	Number	2	✓
133	BEARING BALL, P # 78391	Number	3	✓
134	BEARING BALL, P # 78390	Number	3	✓
135	SPINDLE IDLER, P # 200016D	Number	3	✓
136	BUSHING BRONZE, P # 145029A	Number	1	✓
137	SPINDLE O.P. IDLER, P # 153063E	Number	1	✓
138	PLUNGER RELIEF VALVE, P # 156303	Number	1	✓
139	O-RING, P # 496812	Number	1	✓
140	O/P REPAIR KIT, P # G-980-151	Number	1	✓
141	KIT WATER PUMP M, P # G-960-192	Number	1	✓
142	BALL BEARING IDLER PULLEY, P # 161339	Number	1	✓
143	DAMPER GOV DEWVE, P # 164712	Number	4	✓
144	ROD PUSH ASM., P # A153754U	Number	12	✓
145	SCREW HYD LIFTER, P # 169080W	Number	12	✓
146	VALVE AIR GAS ASSY (TURBO CHARGED), P # 493566	Number	1	✓
147	REGULATOR GAS PRESSURE, P # 209167M	Number	6	✓
148	ASSY CARTRIDGE, TURBOCHARGER. IP# 208350, IASY GENERATING SET, "CON-MEC" 500 KVA. (400KW)	Number	1	✓
149	CRANKCASE, P # 351109D	Number	2	✓
150	PUMP OIL ASSEMBLY, P # 351330A	Number	3	✓

Note:

*Verified*  
*Quadratullah*  
 12/7/19  
**QUDRATULLAH KHAN**  
 Sr. Engr (Mech.) (PE&FD)  
 Ext. 2808

**TENDER NO. PROC-FB/CB/PROD-4433/2019 FOR SPARE PARTS OF WAUKESHA ENGINES**

- 1) PURSUANT TO TENDER CLAUSE # 2.2, 11.4, 13 & 35.3.2, BID BOND AMOUNTING TO USD 6,200/- OR EQUIVALENT TO PAK.RUPEES MUST BE SUBMITTED WITH THE BID AND VALID FOR 150 DAYS FROM THE DATE OF OPENING OF THE BID.
- 2) EVALUATION CRITERIA: FULL CONSIGNMENT WISE ON CFR BY SEA BASIS.
- 3) **THE BIDDING PROCEDURE IS SINGLE STAGE – ONE ENVELOPE PROCEDURE (PPRA RULE # 36(a))**: ALL PROSPECTIVE BIDDERS ARE REQUIRED TO CAREFULLY READ BIDDING PROCEDURE AND TERMS AND CONDITIONS ELABORATED IN OGDCL'S TENDER DOCUMENT UPLOADED ON COMAPNY'S WEBSITE UNDER HEADING "**MASTER SET OF TENDER DOCUMENT FOR SINGLE STAGE – ONE ENVELOPE**".
- 4) ONLY GENIUNE PARTS ARE REQUIRED; MANUFACTURER OR SUPPLIER CAN PARTICIPATE IN THE BIDDING PROCESS BY PROVIDING VALID AUTHORITY LETTER AS PER PPRA RULE # 42(c) (i)
- 5) SHIPMENT FROM ACU MEMBER COUNTRIES: IN CASE OF SHIPMENT FROM ACU MEMBER COUNTRIES, THE LC BENEFICIARY SHOULD BE OF THAT PARTICULAR COUNTRY FROM WHERE THE CONSIGNMENT IS BEING SHIPPED.
- 6) SUMMARY REJECTION CRITERIA: THE SUMMARY REJECTION CRITERIA CLAUSE # 35 OF OGDCL MASTER SET OF TENDER DOCUMENT MAY ALSO BE EXAMINED CAREFULLY. ANY BID NOT MEETING THE CRITERIA SPELLED IN THE CLAUSE # 35 SHALL BE SUMMARILY REJECTED WITHOUT ANY RIGHT OF APPEAL.
- 7) DELIVERY PERIOD: THE LEAD TIME OF THE QUOTED PRODUCT SHOULD NOT BE MORE THAN 90 DAYS AFTER OPENING OF LETTER OF CREDIT (LC).
- 8) **PAYMENT:**
  - a) **FOR TENDER VALUE LESS THAN OR EQUAL TO US\$ 200,000:**

PAYMENT TO THE CONTRACTOR/ BIDDER IN FOREIGN CURRENCY SHALL BE MADE BY ESTABLISHING IN FAVOR OF THE CONTRACTOR AN IRREVOCABLE LETTER OF CREDIT (HEREINAFTER CALLED THE L/C). 70 % PAYMENT (S) UNDER THE L/C WILL BE MADE FOR THE FOB/ CFR / CPT (AS THE CASE MAY BE) PRICE OF MATERIAL OF EACH SHIPMENT UPON SUBMISSION OF THE SHIPPING DOCUMENTS. BALANCE 30% PAYMENT WILL BE RELEASED AFTER RECEIPT, INSPECTION AND ACCEPTANCE OF MATERIAL.
  - b) **FOR TENDER VALUE MORE THAN US\$ 200,000:**

PAYMENT TO THE CONTRACTOR/ BIDDER IN FOREIGN CURRENCY SHALL BE MADE BY ESTABLISHING IN FAVOR OF THE CONTRACTOR AN IRREVOCABLE LETTER OF CREDIT (HEREINAFTER CALLED THE L/C). 80 % PAYMENT (S) UNDER THE L/C WILL BE MADE FOR THE FOB/ CFR / CPT (AS THE CASE MAY BE) PRICE OF MATERIAL OF EACH SHIPMENT UPON SUBMISSION OF THE SHIPPING DOCUMENTS. BALANCE 20% PAYMENT WILL BE RELEASED AFTER RECEIPT, INSPECTION (IN ADDITION OF PRE-SHIPMENT INSPECTION) AND ACCEPTANCE OF MATERIAL.

**TECHNICAL TERMS & CONDITIONS:**

1. The bidder (beneficiary of the bid) must be an authorized distributor of Waukesha Engines and should be listed on Waukesha website.
2. The bidder may be represented by a local agent within Pakistan as per clause no. 27 of OGDCL's Tender Document, but should not involve any third party in the bidding.
3. Only Genuine Waukesha Parts should be quoted against the requirement. Aftermarket parts are not acceptable.
4. The parts are required for the Waukesha engines and must be checked for compatibility.
5. In case a different part no. is quoted, due to any reason, instead of required part no. as per Schedule of Requirement then supporting documentation from Waukesha must be provided.
6. Parts must be in original OEM Packing.
7. Parts must be new & free from any defect.
8. If bidder found any ambiguity in part nos., it should be cleared prior to bid opening date.
9. Parts must have standard OEM warranty/guarantee.
10. In case of equivalent items or superseded part number, 100 % replacement with same fits & tolerances is required. Bidder has to provide the literature and relevant documents regarding equivalent items. Bidder must provide documentary evidence proof from OEM that supplied item is exact replacement of OEM parts.
11. Delivery period not exceed 90 days.
12. OEM authority letters in favor of bidder should be provided along with technical bid.

These parts are required for Waukesha ENGINES.

Detail of ENGINES is as follows.

**Models: F11GSI, F-3521, F-3524 & F1197G**

  
QUDRATULLAH KHAN  
Sr. Engr (Mech.) (PESFD)  
Ext: 2808  
9/11/19

## SCOPE OF WORK 3<sup>rd</sup> PARTY PRE SHIPMENT INSPECTION

### Waukesha Gas Engine Spares

### PROC-FB/CB/PROD-4433/2019.

#### Term of Reference:

The scope of Pre-shipment inspection of Waukesha Gas engine spares to be carried out by 3<sup>rd</sup> party inspection is outlined below:

1. Coordination with Supplier for finalizing the date and place of inspection.
2. Each package shall contain following information with un washable paint.
  - a. Oil & Gas Dev elopement Company Ltd. Pakistan
  - b. Contract No:
  - c. L/C No.
  - d. Storing and handling instructions for fragile items.
  - e. Gross weight (in metric tons)
  - f. Dimensions (length x width x height)
  - g. Place of origin
3. All parts should be in OEM original Packing.
4. All Parts must be new & free from any defect.
5. Part Numbers and quantity in purchase order & actual should be identical.
6. Safety standard should be considered in every step of packaging, delivery and transportation / shipping.
7. The spare parts should be packed separately as per purchase order sequence/quantity.
8. Preparation of report in the light of above inspection clearly identifying the acceptable criteria.

The scope covers the minimum requirement and any other check whether visual or procedural required for spare parts inspection will be responsibility of 3<sup>rd</sup> party.

  
QUDRATULLAH  
Sr. Engr (Mech.) (PE&ED)  
Ext:2808  
9/7/19