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

ANNEXURE 'A'

Material PROCUREMENT OF SPARES FOR OVERHAULING OF CAT-3512 ENGINES OF RIG-N-1.

Tender Enquiry No

PROC-FB/CB/RMP-5327/2022

Due Date

Evaluation Criteria FULL

SCHEDULE OF REOUIREMENT

(m)			DULE OF RE		
Sr No	Description	Unit	Quantity I	nit Price	Defaulted 1 Vall
				(FOB)). (FOB) C & F BY SEA C & F BY SEA Tender Spec. If Any
1	CYLINDER HEAD GP, P/N: 3356217, ASSY. CAT–3512 DIESEL ENGINE OR EQUIVALENT	Number	12	,	
2	LOCK. P# 2A4429, ASY ENGINE, DIESEL "CATERPILLER" MODEL 'G–3408' OR EQUIVALENT	Number	300 🗸		
3	LOCK. IP# 1977055 IASY ENGINE, DIESEL "CATERPILLER" MODEL 'D-3306' OR EQUIVALENT	Number	300 🗸	/	
4	GUIDE VALVE IP# 1339306IASY OR EQUIVALENT	Number	120	,	
5	GUIDE VALVE IP# 1976995 IASY OR EQUIVALENT	Number	120		
6	VALVE, INLET. P# 4688824 ASSY ENGINE, DIESEL "CATERPILLER" MODEL 3512. OR EQUIVALENT	Number	120	7	
7	VALVE, EXHAUST. P# 4688825 ASSY ENGINE, DIESEL "CATERPILLER" MODEL 3512. OR EQUIVALENT	Number	120		
8	INSERT-IN. IP# 1838809 IASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	Number	120		
9 (INSERT EXH. IP# 2899745 IASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	Number	120		
10	SPRING. P# 3165977 ASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3516'. OR EQUIVALENT	Number	174	V	
11	SPRING. IP# 3165976 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3516'. OR EQUIVALENT	Number	160	V	
12	ROTOCOIL AS. P# 3165978 ASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3516'. OR EQUIVALENT	Number	120	1 was	
13	ROTOCOIL AS. P# 3165979 ASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3516'. OR EQUIVALENT	Number	108	V	
14	SEAL. IP# 3165980 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3516'. OR EQUIVALENT	Number	34	V	
15	WASHER. IP# 3165981 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3516'. OR EQUIVALENT	Number	34	f.	
16	ROCKER ARM AS VALVE MECH GP IP# 9Y1741I ASY ENGINE, GAS "CATERPILLER" MODEL 'G-35'16' OR EOUIVALENT	Number	12	No.	
17	ARM AS ROCKER IP# 7W0370, 19647951 ASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EOUIVALENT	Number	6	$\overline{}$	
18	SCREW. IP# 2N5842, IASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	Number	120	W	
19	NUT. IP# 9L7712, IASY ENGINE, "CATERPILLER" MODEL '3408' OR EQUIVALENT	Number	125		
20	BUTTON P# 8F8858, ASY ENGINE, DIESEL "CATERPILLER" MODEL 'D-398' SERIES "B", OR EOUIVALENT	Number	83	\	:
21	RING IP# 9F7707, IASY ENGINE, DIESEL "CATERPILLER" MODEL 'D-398' SERIES "B". OR EQUIVALENT	Number	200	V	
22 <	SCREW. IP#7C0204,2002003,3580768 IASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	Number	36	t _a :	-
23	LIFTER ASSY. IP# 1329439,4P1827,2636679, 3467515 IASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	Number	180	V	
24	SPRING. IP# 7N4782 IASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	Number	102		
25	BRIDGE A IP# 1294181 IASSY ENGINE, GAS "CATERPILLER" MODEL	Number	Page 1		48 No.
L			0- 1		-TØ 1.50.

Khurshid Anwar
Dy. Chief Engineer (R/M-P)I
Extn. 4/1, I-9

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ANNEXURE 'A'

Material

PROCUREMENT OF SPARES FOR OVERHAULING OF CAT-3512 ENGINES OF RIG-N-1.

Tender Enquiry No

PROC-FB/CB/RMP-5327/2022

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FULL

	'G-3412'. OR EQUIVALENT						
26	BEARING. IP# 1161359 IASY SPARES ENGINE "CATERPILLAR" OR EQUIVALENT	Number	38 🗸	s			
27	WASHER,IP# 7N3218, IASSY CATERPILLAR GAS ENGINE G3516 OR EQUIVALENT	Number	10				***************************************
28	PLATE A. P# 4W6664 ASSY ENGINE, DIESEL "CATERPILLER" MODEL 3512. OR EQUIVALENT	Number	10 Ł			-	
29	Spacer Plate. IP# 1106994, 5197297IASY OR EQUIVALENT	Number	12				
30	ADAPTER, P/N: 4W4814, ASSY. CAT–3512 DIESEL ENGINE OR EQUIVALENT	Number	2	V			
31	SEAL. P# 8T2929 ASY ENGINE, GAS "CATERPILLER" MODEL 'G- 3516' OR EQUIVALENT	Number	20	V			
32	SEAL. P# 8T2928 ASY ENGINE, GAS "CATERPILLER" MODEL 'G- 3516' OR EQUIVALENT	Number	20	V			
33	LINER CYLINDER. IP# 1106993,1189494,2117826, 5238663 IASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	Number	34	V			
34	SEAL-O-RING. IP# 5P8210 IASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	Number	20	V			
35 (GASKET. IP# 7N4945 IASY ENGINE, GAS "CATERPILLER" MODEL 'G- 3516' OR EQU!VAL'ENT	Number	20	V			
36	BOLT IP# 0S1594, IASY ENGINE, DIESEL "CATERPILLER" MODEL 'D—398' SERIES "B". OR EQUIVALENT	Number	300	N	2000		
37	BEARING. IP# 1050253, 1496031, IASY ENGINE, GAS "CATERPILLER" MODEL 'G–3516' OR EQUIVALENT	Number	35	V	V. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		
38	PLATE THRUST. P#7C6209, 2W0646 ASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	Number	10	The second			
39	PLUG. IP# 2W2288 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3516'. OR EQUIVALENT	Number	6	V			***************************************
40	BOLT ASSY. IP# 1284845, IASY ENGINE, GAS "CATERPILLER" MODEL 'G–3516' OR EQUIVALENT	Number	180	N/			
41	Bearing Sleeve. IP# 1181655, 7C8609IASY OR EQUIVALENT	Number	60	L			
42	JET AS OIL COOLING IP# 20454471 ASY ENGINE, GAS "CATERPILLER" MODEL 'G–3516' OR EQUIVALENT	Number	60	1,00		-	
43	BEARING. P# 1077330, 7E7997, IASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	Number	60	V			
44	RETAINER PIN. IP# 2531238 IASY ENGINE, GA OR EQUIVALENT	Number	120	North			
45	RING PISTON. IP# 2236361 IASY ENGINE, GA OR EQUIVALENT	Number	60				
46	RING PISTON. IP# 1445695 IASY ENGINE, GA OR EQUIVALENT	Number	60	N.			
47	PIN PISTON. IP# 2638955 IASY ENGINE, GA OR EQUIVALENT	Number	48	V ,			
48	PISTON AS. P# 3145005 ASSY ENGINE, DIESEL "CATERPILLER" MODEL 3512. OR EQUIVALENT	Number	60	1			-
49 (CORE A. IP#7W5455 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3516'. OR EQUIVALENT	Number	1	V. ar			
50	SLEEVE. P# 1W5728 ASSY ENGINE, DIESEL "CATERPILLER" MODEL 3512. OR EQUIVALENT	Number	10	V. Carre			
51	GASKET. P# 2301072 ASSY ENGINE, DIESEL "CATERPILLER" MODEL '3508, TA'. OR EQUIVALENT	Number	10 Page 2	V. 1	7		

Khurshid Anwar

Dy. Chief Engineer (R/M-P)I

Extn. 471, I-9

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ANNEXURE 'A'

Material

PROCUREMENT OF SPARES FOR OVERHAULING OF CAT-3512 ENGINES OF RIG-N-1.

Tender Enquiry No

PROC-FB/CB/RMP-5327/2022

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FULL

BREATHER, per 44W307, ASY ENGINE, GAS "CATERPILLER" MODEL.						
HOSE-TEE_IPS_215692_HASY PROINE_GAS "CATERPILLER" MODEL. Number 10	52		Number	10	M	
SEAL, PN. 2607949, 2720757, ASY, CAT-3512 DISSEL ENGINE OR Number 10 V	53	HOSE-TEE. P# 2176692 ASSY ENGINE, GAS "CATERPILLER" MODEL	Number	5	No.	
55 O-RING.	54	SEAL, P/N: 2067030, 2720757, ASSY. CAT-3512 DIESEL ENGINE OR	Number	10	V.	
G-3516' OR EQUIVALENT	55		Number	2	·	
DIESEL ENGINE MODEL: D- 5512" OR EQUIVALENT 5 SEAL-O-RING #9 28688/1 ASY CATERPILLAR OR EQUIVALENT 5 SEAL-O-RING #9 28688/1 ASY CATERPILLER* MODEL: G-3516 OR EQUIVALENT 5 SHAFT A. P#9 289-479, ASY ENGINE, GAS "CATERPILLER" MODEL G-3516 OR EQUIVALENT 6 SHAFT A. P#9 289-618, ASY ENGINE, GAS "CATERPILLER" MODEL G-3516 OR EQUIVALENT 6 SPOOL. P# 778-449 (ASSY ENGINE, GAS "CATERPILLER" MODEL 'G- 35 (C) C		'G-3516' OR EQUIVALENT		3		
SEAL-O-RING PP 2986387 IASY CATERPILLAR OR EQUIVALENT Number 10	56	PUMP OIL / PUMP GP-ENGINE OIL IP # 4P5638, 4P-5638 ASY CAT DIESEL ENGINE MODEL 'D-3512' OR EOUIVALENT	Number	3		
MODEL 'G-3316' OR EQUIVALENT	57	SEAL-O-RING IP# 2986387 IASY CATERPILLAR OR EQUIVALENT	Number	10	V	
'G-3516' OR EQUIVALENT		MODEL 'G-3516' OR EQUIVALENT	Number	30	بمميا	
'G-3516' OR EQUIVALENT	59	'G-3516' OR EQUIVALENT	Number	10	N. P.	
3516. OR ROUIVALENT Care Section Care Section	60		Number	5	1	
GASKET CIL P# 7E2630 ASSY ENGINE, GAS "CATERPILLER" MODEL Number 3	61 (Number	5	1	
SEAL, O-RING, IP#3109594, 7X1547 IASSY ENGINE, GAS Number 10 Variable Variable	62	GASKET OIL IP# 7E2630 IASSY ENGINE, GAS "CATERPILLER" MODEL	Number	3	سما	
O-RING. P# 5P8872 JASY ENGINE, GAS "CATERPILLER" MODEL 'G- Number 10	63	SEAL, O-RING. IP#3103954, 7X1547 IASSY ENGINE, GAS	Number	10	V	
65 SEAL	64	O-RING. IP# 5P8872 IASY ENGINE, GAS "CATERPILLER" MODEL 'G-	Number	10	V	
66 SEAL-O-RING, 1 P# 25946001 ASSY ENGINE, DIESEL "CATERPILLER" Number 20	65	SEAL. IP# 6V5101, IASY ENGINE, GAS "CATERPILLER" MODEL 'G-	Number	8	W	
67 GASKET P# 9L1480, ASY ENGINE, GAS "CATERPILLER" MODEL 'G— Number 3516' OR EQUIVALENT 68 GASKET. P# 664868, IASY ENGINE, DIESEL "CATERPILLER" MODEL Number 25	66	SEAL-O-RING. P# 2594600 ASSY ENGINE, DIESEL "CATERPILLER"	Number	20	V	
68 GASKET. P# 6F4868, IASY ENGINE, DIESEL "CATERPILLER" MODEL Number "D-3306' OR EQUIVALENT 69 SEAL O-RING. IP# 574805, IASY ENGINE, GAS "CATERPILLER" Number "MODEL 'G-3516' OR EQUIVALENT 70 SEAL-O-RING. IP# 5P4892 IASY ENGINE, GAS "CATERPILLER" MODEL Number "G-3516' OR EQUIVALENT 71 O-RING. IP# 6V3907, IASY ENGINE, GAS "CATERPILLER" MODEL 'G- 3516' OR EQUIVALENT 72 SEAL. IP# 6V48001 IASSY ENGINE, DIESEL "CATERPILLER" MODEL 'D- 3306' OR EQUIVALENT 73 PUMP GP-WATE IP# 4160609, 2W9725 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3412'. OR EQUIVALENT 74 Core GP. IP# 4W4980IASY OR EQUIVALENT 75 REGULATOR IP# 614950, 4184163 ASSY ENGINE, DIESEL "CATERPILLER" MODEL 'G-3412'. OR EQUIVALENT 76 SEAL. IP# 389643, IASY ENGINE, DIESEL Number 20 "CATERPILLER" MODEL 'G-3412'. OR EQUIVALENT 77 REGULATOR IP# 614950, 4184163 ASSY ENGINE, DIESEL Number 20 "CATERPILLER" MODEL 312. OR EQUIVALENT Number 20 "CATERPILLER" MODEL 312. OR EQUIVALENT Number 20 "CATERPILLER" MODEL 312. OR EQUIVALENT Number 20 "SEAL. IP# 389643, IASY ENGINE, DIESEL Number 20 "CATERPILLER" MODEL 312. OR EQUIVALENT Number 20 "SEAL. IP# 389643, IASY ENGINE, DIESEL Number 20 "SEAL. IP# 389643, IASY ENGINE, DIESEL Number 20 "SEAL. IP# 389643, IASY ENGINE, DIESEL Number 3898' SERIES "B". OR EQUIVALENT	67	GASKET P# 9L1480, IASY ENGINE, GAS "CATERPILLER" MODEL 'G-	Number	10		/
MODEL 'G-3516' OR EQUIVALENT SEAL-O-RING, IP# 574892 IASY ENGINE, GAS "CATERPILLER" MODEL Number 30 V	68	GASKET. IP# 6F4868, IASY ENGINE, DIESEL "CATERPILLER" MODEL 'D-3306' OR EQUIVALENT	Number	25	V	
'G-3516' OR EQUIVALENT 71 O-RING. IP# 6V3907, IASY ENGINE, GAS "CATERPILLER" MODEL 'G-Number 20 3516' OR EQUIVALENT 72 SEAL. IP# 6V8001 IASSY ENGINE, DIESEL "CATERPILLER" MODEL 'D-Number 15 3306' OR EQUIVALENT 73 PUMP GP-WATE IP# 4160609, 2W9725 IASSY ENGINE, GAS Number 3 "CATERPILLER" MODEL 'G-3412'. OR EQUIVALENT 74 Core GP. IP# 4W4980IASY OR EQUIVALENT Number 3 Number 20 "CATERPILLER" MODEL 3512. OR EQUIVALENT 75 REGULATOR IP# 614950, 4184163 ASSY ENGINE, DIESEL Number 20 "CATERPILLER" MODEL 3512. OR EQUIVALENT 76 SEAL. IP# 3S9643, IASY ENGINE, DIESEL "CATERPILLER" MODEL 'D-Number 20 398' SERIES "B". OR EQUIVALENT	69		Number	20	V	
71 O-RING. IP# 6V3907, IASY ENGINE, GAS "CATERPILLER" MODEL 'G- Number 3516' OR EQUIVALENT 72 SEAL. IP# 6V8001 IASSY ENGINE, DIESEL "CATERPILLER" MODEL 'D- Number 15 3306' OR EQUIVALENT 73 PUMP GP-WATE IP# 4160609, 2W9725 IASSY ENGINE, GAS Number 3 "CATERPILLER" MODEL 'G-3412'. OR EQUIVALENT 74 Core GP. IP# 4W4980IASY OR EQUIVALENT Number 3 Number 20 "CATERPILLER" MODEL 3512. OR EQUIVALENT 75 REGULATOR IP# 614950, 4184163 ASSY ENGINE, DIESEL Number 20 "CATERPILLER" MODEL 3512. OR EQUIVALENT 76 SEAL. IP# 3S9643, IASY ENGINE, DIESEL "CATERPILLER" MODEL 'D- Number 20 398' SERIES "B". OR EQUIVALENT	70		Number	30	V	
SEAL.	71	O-RING. P# 6V3907, ASY ENGINE, GAS "CATERPILLER" MODEL 'G-	Number	20	1	
PUMP GP-WATE IP# 4160609, 2W9725 IASSY ENGINE, GAS Number 3 "CATERPILLER" MODEL 'G-3412'. OR EQUIVALENT Number 3 74 Core GP. IP# 4W4980IASY OR EQUIVALENT Number 3 REGULATOR IP# 614950, 4184163 I ASSY ENGINE, DIESEL Number 20 "CATERPILLER" MODEL 3512. OR EQUIVALENT 76 SEAL. IP# 3S9643, IASY ENGINE, DIESEL "CATERPILLER" MODEL 'D- Number 20 398' SERIES "B". OR EQUIVALENT	72	SEAL. IP# 6V8001 IASSY ENGINE, DIESEL "CATERPILLER" MODEL 'D-	Number	15	William	
Core GP. P# 4W4980 ASY OR EQUIVALENT Number 3	73	PUMP GP-WATE IP# 4160609, 2W9725 IASSY ENGINE, GAS	Number	3		
"CATERPILLER" MODEL 3512. OR EQUIVALENT 76 SEAL. IP# 3S9643, IASY ENGINE, DIESEL "CATERPILLER" MODEL 'D— Number 20 398' SERIES "B". OR EQUIVALENT	74 (Core GP. IP# 4W4980IASY OR EQUIVALENT	Number	3	A.	
SEAL. IP# 3S9643, IASY ENGINE, DIESEL "CATERPILLER" MODEL 'D- Number 20 398' SERIES "B". OR EQUIVALENT	75	REGULATOR IP# 614950, 4184163 ASSY ENGINE, DIESEL	Number	20	W	
	76	SEAL. P# 3S9643, ASY ENGINE, DIESEL "CATERPILLER" MODEL 'D-	Number	20	<u></u>	
MODEL 3300, IA ON EQUIVALENT	77	VALVE AS LIN IP# 1114374, IASY ENGINE, DIESEL "CATERPILLER"	Number	10 Page	3 1	
	L	MODEL 3000, IA OK EQUIVALENI	7.10	1 uge		

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hurshid Anwar Oy. Chief Engineer (R/M-P)I Extn. 471, I-9

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8				
,	INJECTOR GP-FUEL PUMP ASSY. IP# 4P9075, IASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	Number	55	V .
9	SEAL-O-RING, P/N: 1949584, ASSY. CAT-3512 DIESEL ENGINE OR EQUIVALENT	Number	72	
0	SEAL-O-RING, P/N: 6V1250, ASSY. CAT-3512 DIESEL ENGINE OR EQUIVALENT	Number	60	V
1	NOZZLE AS IP# 7C0340, IASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	Number	48	No.
2	SEAL O-RING. IP# 6V9178, IASY ENGINE, DIESEL "CATERPILLER" MODEL '3508, TA' OR EQUIVALENT	Number	12	V
3	PUMP FUEL TRANSFER. IP# IN4478, 3137770, 1698615 IASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EOUIVALENT	Number	3	V
1	SEAL. P# 1H9696, ASY TRACTOR, MODEL 'D7-G' "CATERPILLAR". OR EQUIVALENT	Number	25	V
5	PUMP ASSY FUEL PRIMING.IP#1623906,IASY ENGINE, DIESEL "CATERPILLER" MODEL 'D-398' SERIES OR EQUIVALENT	Number	5	P _y .
6	GASKET, P/N: 8N1996, ASSY. CAT-3512 DIESEL ENGINE OR EQUIVALENT	Number	5	Ver 1
7 (SEAL. IP# 5D5957 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3516'. OR EQUIVALENT	Number	10	
3	GASKET, P/N: 9Y8389, ASSY. CAT–3512 DIESEL ENGINE OR EQUIVALENT	Number	10	Y
	CARTRIDGE GP. P# 4501415 ASSY ENGINE, DIESEL "CATERPILLER" MODEL 3512. OR EQUIVALENT	Number	10	A. "
)	TURBOCHARGER GP, P/N: 4506710, ASSY. CAT-3512 DIESEL ENGINE OR EQUIVALENT	Number	2	Y
	BOLT. IP# 2N2765, IASY ENGINE, DIESEL "CATERPILLER" MODEL '3508, TA' OR EQUIVALENT	Number	40	V,
2	LOCK NUT P# 2N2766, 2N-2766 ASY ENGINE, DIESEL "CATERPILLER" MODEL 'G-3408' OR EQUIVALENT	Number	162	~
	TUBE AS – LH OIL TURBO, P/N: 7N8636, ASSY. CAT–3512 DIESEL ENGINE OR EQUIVALENT	Number	5	V
1	TUBE AS – RH OIL TURBO, P/N: 7N8638, ASSY. CAT–3512 DIESEL ENGINE OR EQUIVALENT	Number	5	\
5	TUBE AS-DRAIN OIL TURBO, P/N: 7N8634, ASSY. CAT-3512 DIESEL ENGINE OR EQUIVALENT	Number	10	
6	BOLT-EX MANIFOLD, P/N: 5P2755, ASSY. CAT-3512 DIESEL ENGINE OR EQUIVALENT	Number	200	V.C
	KIT, SERVICE METER. IP# 9W1494, 3664622 IASY TRACTOR, "CATERPILLAR" TYPE 'D8N'. OR EQUIVALENT	Number	5	*/
	MOUNT-SERVICE METER, P/N: 6N8744, ASSY. CAT-3512 DIESEL ENGINE OR EQUIVALENT	Number	10	~
	WIRE AS–SERVICE METER, P/N: 4W3474, ASSY. CAT–3512 DIESEL ENGINE OR EQUIVALENT	Number	5	~/
(BEARING. IP# 4P5438, IASY ENGINE, GAS "CATERPILLER" MODEL 'G–3516' OR EQUIVALENT	Number	3	*.
)1	SEAL IP# 6V8260 IASSY CATERPILLAR GAS ENGINE G3516 OR EOUIVALENT	Number	5	\
02	SEAL. IP# 6V3348, IASY ENGINE, "CATERPILLER" MODEL '3408' OR			

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Khurshid Anwar

Dy. Chief Engineer (R/M-P)I

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103 RING-RETAINING SHUTOFF GP MANUAL, PN: 26356, ASSY. CAT— Number 3512 DIESEL ENGINE OR EQUIVALENT 104 SEAL LIP TYPE-SHUTOFF GP MANUAL, PN: 3K2593, ASSY. CAT-3512 Number 105 DIESEL ENGINE OR EQUIVALENT 105 SEAL (LARGE). P# 2F1932, IASY ENGINE, DIESEL "CATERPILLER" Number 25 Mumber 25 Mumber 25 Mumber 25 Mumber 25 Mumber 25 Mumber 26 Mumber 26 Mumber 26 Mumber 27 Mumber 27 Mumber 28 Mumber 28 Mumber 28 Mumber 30 Mu	
104 SEAL LIP TYPE—SHUTOFF GP MANUAL, PN: 3K2593, ASSY, CAT—3512 Number 10 DIESEL ENGINE DOR EQUIVALENT 105 SEAL (LARGE). IP# 2H3932, LASY ENGINE, DIESEL "CATERPILLER" Number 25 Number 30 Number 316 OR EQUIVALENT 106 BOLT. P# 8S4757 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G— Number 30 Number 3	
SEAL_(LARGE) P# 2H3932, IASY ENGINE, DIESEL "CATERPILLER" Number MODEL 'D-3306' OR EQUIVALENT	
BOLT. P# 854757 ASSY ENGINE, GAS "CATERPILLER" MODEL 'G— S16'. OR EQUIVALENT	
WASHER P# 5P8250, IASY TRACTOR, "CATERPILLAR" TYPE 'D8N'. Number S0	
08 BEARING. P# 8L6376 ASSY ENGINE, DIESEL "CATERPILLER" Number 10 09 GASKET. P# 4W5369, IASY ENGINE, DIESEL "CATERPILLER" MODEL Number 5 "3508, TA" OR EQUIVALENT 10 SEAL-DRIVE GP TACHOMETER, P/N: 7H9899, ASSY. CAT-3512 DIESEL Number 10 11 SEAL. DE H 4S7756 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3516'. OR EQUIVALENT Number 5 12 GASKET. P# 7N7307 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3516'. OR EQUIVALENT Number 5 13 GASKET. P# 7N7308 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3516'. OR EQUIVALENT Number 5 14 RING. P# 3H0107 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G-3516'. OR EQUIVALENT Number 10 15 SEAL. P# 1241858, 619456,6619456,6619456 IASY ENGINE, GAS Number 20 Number 20 16 RING RETN. P# 8N1991, 1113820 IASSY ENGINE, DIESEL. Number 15 Number 15 17 PLUG-CUP, P/N: 3S8313, ASSY. CAT-3512 DIESEL ENGINE OR EQUIVALENT Number 5 18 SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 9H0858, ASSY. CAT-3512 Number 5 19 SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 956859, ASSY. CAT-3512 Number 5 19 SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512	
GASKET IP# 4W5369, IASY ENGINE, DIESEL "CATERPILLER" MODEL Number 3508, TA' OR EQUIVALENT 10 SEAL-DRIVE GP TACHOMETER, P/N: 7H9899, ASSY. CAT-3512 DIESEL Number 10 ENGINE OR EQUIVALENT 11 SEAL IP# 4S7756 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G- Number 5 3516'. OR EQUIVALENT 12 GASKET. IP# 7N7307 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G- Number 5 3516'. OR EQUIVALENT 13 GASKET. IP# 7N7308 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G- Number 3516'. OR EQUIVALENT 10 Mumber 10	
SEAL_DRIVE GP TACHOMETER, P/N: 7H9899, ASSY. CAT-3512 DIESEL Number 10	
SEAL. IP# 4S7756 ASSY ENGINE, GAS "CATERPILLER" MODEL 'G- Number 3516'. OR EQUIVALENT	
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RING. IP# 3H0107 IASSY ENGINE, GAS "CATERPILLER" MODEL 'G- Number 3516'. OR EQUIVALENT SEAL. IP# 1241858, 619456,619456,0619456 IASY ENGINE, GAS Number 20 VICATERPILLER" MODEL 'G-3516' OR EQUIVALENT RING RETN. IP# 8N1991, 1113820 IASSY ENGINE, DIESEL Number 15 VICATERPILLER" MODEL '3508, TA'. OR EQUIVALENT PLUG-CUP, P/N: 3S8313, ASSY. CAT-3512 DIESEL ENGINE OR Number 5 EQUIVALENT SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 9H0858, ASSY. CAT-3512 Number 5 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 Number 5 VICATERPIL PUG-CUP, P/N: 3S8313, ASSY. CAT-3512 Number 5 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 Number 5 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 Number 5 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 Number 5 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 Number 5 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 Number 5 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 Number 5 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 Number 5 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 Number 5 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 Number 5 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 Number 5 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 Number 5 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 VICATERPIL SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 596859, ASSY. CAT-3512 VICATERPIL SEAL-LIP TYPE SHUTOFF GP	
SEAL. IP# 1241858, 619456,6619456,0619456 IASY ENGINE, GAS Number 20	
RING RETN. IP#8N1991, 1113820 ASSY ENGINE, DIESEL Number 15	
PLUG-CUP, P/N: 3S8313, ASSY. CAT-3512 DIESEL ENGINE OR	
DIESEL ENGINE OR EQUIVALENT 9 SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 5P6859, ASSY. CAT-3512 Number 5 DIESEL ENGINE OR EQUIVALENT 5 Number 5	
SEAL-LIP TYPE SHUTOFF GP AIR, P/N: 5P6859, ASSY. CAT-3512 Number 5 DIESEL ENGINE OR EQUIVALENT	
OO CLEVET CHITECE OF ITS DAY INCOCC LOW OF CALL	
20 GASKET-SHUTOFF GP AIR, P/N: 1W8393, ASSY. CAT-3512 DIESEL Number 5 ENGINE OR EQUIVALENT	
CYLINDER HYDRAULIC SHUTOFF GP AIR IP# 4W1901I ASY ENGINE, Number 5 GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	
SEAL-O-RING. 1 P# 2594600 I ASSY ENGINE, DIESEL "CATERPILLER" Number 20 MODEL 3512. OR EOUIVALENT	
23 Gasket Kit. P# 1358813 ASY OR EQUIVALENT Number 4	
GASKET KIT. P# 1468947 ASSY ENGINE, GAS "CATERPILLER" Number 5 MODEL 'G-3516', OR EQUIVALENT	
GASKET KIT. P# 1644544 ASSY ENGINE, DIESEL "CATERPILLER" Number 5 MODEL 3512. OR EQUIVALENT	
GASKET KIT IP# 1960237,9X6603, IASSY CATERPILLAR GAS ENGINE Number 5 G3516 OR EQUIVALENT	
27 Kit-Rebuild. IP# 2225153IASY. ENGINE, GAS "CATERPILLER" MODEL Number 4 'G-3516' OR EQUIVALENT	
KIT-SEAL(SC), IP# 3535995, IASSY CATERPILLAR GAS ENGINE G3516 Number Page 5 60 No.	

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Khurshid Anwar Dy. Chief Engineer (R/M-P) Extn. 471, I-9

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

ANNEXURE 'A'

Material

PROCUREMENT OF SPARES FOR OVERHAULING OF CAT-3512 ENGINES OF RIG-N-1.

Tender Enquiry No

PROC-FB/CB/RMP-5327/2022

Due Date

Evaluation Criteria

FULL

	OR EQUIVALENT	· · · · · · · · · · · · · · · · · · ·	
129	KIT-CYL HEAD INST., P/N: 4420681, ASSY. CAT-3512 DIESEL ENGINE OR EQUIVALENT	Number	60
130	KIT-GASKET. P# 4576719 ASSY ENGINE, DIESEL "CATERPILLER" MODEL 3512. OR EQUIVALENT	Number	10
131	KIT-BLOCK & OIL PAN GASKETS (CENTRAL & LOWER), P/N: 4983742, ASSY. CAT-3512 DIESEL ENGINE OR EQUIVALENT	Number	5
132	KIT-FLYWHEEL HOUSING (REAR), P/N: 6024222, ASSY. CAT-3512 DIESEL ENGINE OR EQUIVALENT	Number	5
133	KIT GASKET. P# 6V9897IASY ENGINE, DIESEL "CATERPILLER" MODEL '3508, TA' OR EQUIVALENT	Number	12
134	KIT-GASKET FRONT ST, P/N: 6020430, ASSY. CAT-3512 DIESEL ENGINE OR EQUIVALENT	Number	5
135	SPRING. P# 2S2760, IASY ENGINE, GAS "CATERPILLER" MODEL '3406'.OR EQUIVALENT	Number	5 🗸
136	SEAL. P# 5P7818, IASY ENGINE, GAS "CATERPILLER" MODEL 'G-3516' OR EQUIVALENT	Number	10 ~

Note.

A BID BOND AMOUNTING TO US\$ 10,000/- MUST BE SUBMITTED WITH THE TECHNICAL BID AND IT MUST BE VALID FOR 210 DAYS FROM THE DATE OF OPENING OF THE BID.DELIVERY PERIOD IS 120 DAYS FROM THE DATE OF L/C ESTABLISHMENT.

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Khurshid Anwar 2 Dy. Chief Engineer (R/M-P)I Extn. 471, I-9

TENDER NO. PROC-FB/CB/RMP-5327/2022 FOR PROCUREMENT OF SPARE PARTS FOR OVERHAULING OF CAT-3512 ENGINES OF RIG-N-1

- 1) EVALUATION CRITERIA: FULL CONSIGNMENT WISE ON CFR BY SEA BASIS.
- 2) 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".
- 3) ONLY GENIUNE PARTS ARE REQUIRED; MANUFACTURER OR SUPPLIER CAN PARTICIPATE IN THE BIDDING PROCESS BY PROVIDING VALID OEM AUTHORITY LETTER.
- 4) "BIDDERS QUOTING EQUIVALENT PARTS MUST PROVIDE A CERTIFICATE FROM AT LEAST THREE WELL RENOWNED/E&P COMPANIES OF FOREIGN JURISDICTION OTHER THAN BIDDERS/MANUFACTURERS OWN COUNTRY, STATING THAT EQUIVALENT (QUOTED PARTS) ARE USED BY THEM AND PERFORMANCE OF SUCH PARTS IS FOUND SATISFACTORY. COPIES OF PURCHASE ORDERS (UNPRICED) MUST ALSO BE PROVIDED. THE CERTIFICATE(S) / SALE RECORD IS MANDATORY AND DUE TO NON-SUBMISSION THEREOF, THE BID WILL BE REJECTED."

Muhammad Zafar Iqbal Chief Technical Officer (R/M) Ext: 2364

PROCUREMENT OF OVERHAULING SPARES/ASSYS. FOR CATERILLAR 3512 DIESEL ENGINES. TERMS & CONDITIONS FOR BIDDERS

- 1. Offered spares/assys. are required for overhauling of Caterpillar 3512 diesel engines .
- 2. If bidder is authorized dealer/ distributor of OEM (M/s. Caterpillar) then copy of OEM authority letter must be provided with the bid.
- 3. For bidders other than OEM (M/s. Caterpillar) or their authorized dealer / distributor, a hard copy of authority letter from quoted manufacturer / authorized distributor of the manufacturer must be provided with the bid. Such authority letter must have the following features.
 - 3.1 Printed on the letterhead of manufacturer or authorized dealer/distributor of manufacturer.
 - 3.2 Submitted in original.
 - 3.3 Duly signed and stamped by the manufacturer or authorized dealer/distributor of manufacturer as the case may be.
 - 3.4 Bearing OGDCL tender enquiry number.
 - 3.5 Stating that manufacturer / manufacturer's authorized distributor (name to be mentioned) has authorized the bidder (name to be mentioned) to offer the spares/assys. for Caterpillar 3512B diesel engines against this tender enquiry and that genuine, new and unused spares/assys. will be supplied free from any defect in material and workmanship.

Scanned authority letter or its photocopy will not be accepted. OGDCL reserves the right to confirm authenticity of the document from the issuer.

- 4. For bidders quoting equivalent parts/assys., following documents to be provided with the bid.
 - 4.1. Original authority letter from manufacturer / authorized dealer / distributor of manufacturer (name to be mentioned) stating that the manufacturer /authorized dealer/distributor has authorized the bidder (name to be mentioned) for quoting the offered parts/assys. against this OGDCL tender enquiry (tender enquiry number to be mentioned).
 - 4.2. In case the required material to be supplied from authorized dealer / distributor of the quoted manufacturer then copy of authority letter issued by manufacturer in favor of the dealer / distributor must also be provided with the bid.
 - 4.3. Copies of five (05) unpriced sale contracts / purchase orders with supporting invoices showing supply of the similar Caterpillar equivalent parts to well-known drilling contractors, E & P companies of foreign jurisdiction other than bidders/manufacturers own country.

Satisfactory performance certificates/statements from any three (03) of the above end users (drilling contractors / E & P companies) on their letter head, stating that equivalent spares/assys. against the above contracts/ purchase orders have been utilized in Caterpillar machines and their performance found satisfactory. OGDCL reserves the right to re-confirm authenticity of the documents from the issuers.

- 4.5. A certificate from the quoted manufacturer that the offered equivalent spares/assys. are 100% exact replacement (i.e.100% compatible in design, dimensions and function/performance) to the Caterpillar spares/assys. mentioned in the Schedule of Requirement.
- 5. Bidder to offer the required spares/assys. with complete description, part number and quantity.
- 6. In case, the bidder offers the required spares/assys. from Caterpillar with superseded/ replaced part numbers, these should be clearly mentioned in the technical bid and a certificate be provided from M/s. Caterpillar or their authorized dealer / distributor to confirm that offered spares/assys with new part numbers are 100% exact replacement (i.e.100% compatible in design, dimensions and function/performance) to the spares/assys mentioned in the Schedule of Requirement.
- 7. Bidder to mention in financial bid the description, quantity, unit price (FOB), unit price (CFR Karachi) & extended price.

4.5.

Page **1** of **2**

- 8. The offered spares/assys to be covered by the manufacturer's / authorized dealer's / distributior's warranty / guarantee (as the case may be) for a period of one year from date of installation or 18 months from the date of shipment. In case of misfit, failure, malfunctioning or bad performance, bidder/ supplier will immediately replace any or all defective parts/assys free of cost during the warranty period at no additional cost to OGDCL, whatsoever.
- Bidder/ Supplier will provide to OGDCL, the original "Certificate of Origin and Compliance" against the supplied material before shipment. OGDCL reserves the right to re-confirm the authenticity of provided certificates from the issuer/manufacturer.
- 10. OGDCL may carry out pre-shipment third party inspection (TPI) of the consignment at the bidder's/ supplier's premises/ warehouse through OGDCL designated inspection agency at OGDCL's own cost.
- 11. Post-delivery inspection of the consignment at OGDCL premises in Pakistan will be carried out jointly by OGDCL representative and bidder's/ supplier's representative. OGDCL will intimate the date and venue of post-delivery joint inspection to the bidder/ supplier in due course of time.
- 12. Scope of work for pre-shipment TPI of the consignment is attached as "Annexure-1".
- 13. It will be the bidder's/ supplier's responsibility to intimate at least two weeks in advance the dates and venue of pre-shipment inspection when the material is ready for such inspection. The bidder will extend full cooperation to the inspector(s) in this regard. In case of partial inspection due to non-availability of the material, cost of subsequent visits of third party inspector(s) will be on the account of bidder/ supplier.
- 14. In case of pre-shipment third party inspection, supplier shall provide to inspector, the original "Certificate of Origin and Compliance" and "OEM Warranty" for examination and onward submission to OGDCL. OGDCL reserves the right to re-confirm the authenticity of provided certificates from the issuer/manufacturer.
- 15. Third party inspector(s) will submit the flash report within one day of completion of the inspection and OGDCL will intimate acceptance/ rejection of the consignment to the supplier accordingly.
- 16. The material to be shipped by the bidder/ supplier only after acceptance of the pre-shipment third party inspector's report by OGDCL.
- 17. Immediately after completion of the third party pre-shipment inspection, the material should be boxed and packed as per OEM/ international standard to ensure safe handling and transportation during shipment. Third party inspector(s) will also examine the packing and will make it part of the final report.
- 18. Quantity of the required spares/assys may be increased or decreased as per OGDCL requirement.
- 19. Delivery period: 120 days from the date of establishment of letter of credit (LC).

Note: Above terms and conditions are integral part of the tender enquiry and a copy of the same duly signed and stamped by authorized person of the OEM / bidder must be provided with the technical proposal in token of acceptance.

MUHAMMAD YUNUS Manager (D&MP)

Ext: 3821

Anwar Saleem Khan (1/C (R/M)-Planning

Ph. 9257764

Khurshid Anwas 21 Dy. Chief Engineer (R/M-P)I Extn. 471, I-9



OIL & GAS DEVELOPMENT COMPANY LTD.

DRILLING OPERATIONS - RIG MAINTENANCE DEPARTMENT

I-9, Islamabad.

SCOPE OF WORK (S.O.W) FOR THIRD PARTY PRE-SHIPMENT INSPECTION OF SPARE PARTS OF CAT-3512 DIESEL ENGINES.

SUPPLIER	Complete Name & Business/ address of the supplier to be inserted
Warehouse / Venue of inspection:	Complete address of inspection venue to be inserted
Local Representative	Complete Name & Business address of the supplier's local representative to be inserted
PURCHASER	Oil & Gas Development Company Ltd., OGDCL Head Office, Blue Area, Islamabad, 44000, Pakistan. Ph. +92 51 920 023 780 Fax: +92 51 921 5090 E-mail: ejaz_rizvi@ogdcl.com

1. BACKGROUND:

Oil & Gas Development Company Limited (OGDCL), Pakistan is engaged in procurement of spare parts / assys for major overhauling of Caterpillar 3512 diesel engines. OGDCL intends to carry out pre-shipment third party inspection (TPI) of these parts at the supplier's premises/warehouse. OGDCL will accept these spare parts only after the third party inspection agency (TPIA) confirms that the parts standards of manufacture and documentation are as per tender/contract specifications. Scope of work (SOW) for this inspection job is given below.

2. MANUFACTURER'S/SUPPLIER'S SCOPE

Supplier of the required spare parts will intimate two weeks in advance (before packing for shipment) for the said inspection and will extend full cooperation to third party inspector(s). All arrangements for TPI will be supplier's responsibility. Skilled and un-skilled manpower required for inspection will be provided by the supplier. All the material in purchase order and relevant documents will made available by the supplier for examination of the inspector(s). After completion of TPI and acceptance by OGDCL, the material should be boxed and packed in a compact manner to ensure safe handling and transportation during shipment.

3. TERMS AND CONDITIONS FOR BIDDERS

- Inspector(s) must be qualified person(s) having degree(s)/ diploma(s) in their respective fields and must be fluent in spoken and written English. Resumes (C.Vs) of inspector(s) must be provided with the bid showing job titles, qualifications, training and experience etc.
- 3.2 Bidders to quote cost of the inspection job on lump sum basis inclusive of all taxes. Cost per day or cost per man day will not be accepted. OGDCL will not make separate payments for mobilization/ demobilization, hiring of sub-contractor services, taxes, levies etc. what so ever.

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4. SCOPE OF WORK.

TPIA will carry out the required inspection according to the scope of work including but not limited to the following terms of reference.

- 4.1 TPIA will certify that the parts to be supplied by the supplier are
 - 4.1.1 Manufactured by the manufacturer mentioned in the purchase order.
 - 4.1.2 As per technical specifications, quantity and part numbers given in the purchase order.
 - 4.1.3 Newly manufactured, unused and free from defects in material and workmanship.
 - 4.1.4 Boxed and packed in a compact manner to ensure safe handling and transportation during shipment.
- 4.2 TPIA will notify clear acceptance/ rejection of spare parts and will give clear remarks for rejection (if any).
- 4.3 TPIA will identify and record non-conformances against tender/ contract specifications and will assist in managing the corrective action to close out the subject.
- Inspector(s) will examine for authenticity the original "Certificate of Origin and Compliance" and "Manufacturer's Warranty" to be provided by the supplier and will submit a snapshot of the same in flash report to OGDCL.
- 4.5 Original "Certificate of Origin and Compliance" and "Manufacturer's Warranty" will be retained by the inspector(s) and submitted to OGDCL along with the final inspection report.
- 4.6 Third Party Inspector(s) will at all times during the inspection, maintain a close coordination with OGDCL.
- 4.7 OGDCL will accept the spare parts only after the TPIA submits a clear acceptance of the parts
- 4.8 Flash report of the pre-shipment inspection to be provided within one day of completion of inspection.
- 4.9 Original pre-shipment inspection report and a copy in hard format (01 set each) with Certificate of Origin and Compliance, Manufacturer's Warranty, associated pictures, lists, statements etc. placed in suitable document folder(s) are to be submitted by the Third Party Inspection Agency to Manager (SCM)-Foreign Procurement, OGDCL.

4.10 Payment shall be made to the inspection agency after comprehensive acceptance of Third Party Inspection Report by OGDCL.

Manager (D&MP) Ext: 3821

Anwar Saldem I/C (R/M)- Planning

Ph. 9257764

Scope of Work for TPI - Page 2 of 2