

Section 6. Schedule of Requirements

Invitation for Tender No:

Date

Tender Package No:

A. List of Goods and Delivery Schedule

When completing Form PG4-3A, 3B & 3C the Tenderer shall quote prices and contract delivery dates for each lot separately, as specified in the List of Goods and Delivery Schedule.

Procurement of Steam Turbine Spare Parts of Bhola 225MW CCPP, BPDB, Borhanuddin, Bhola, Bangladesh.

SI No	Description of Spares	OEM's Part No./ Drawing No./ Specifications	Unit	Qty	Point of Delivery [Final (Project Site) Destination as specified in TDS]	Delivery Date Required	
						Earliest Delivery Date	Latest Delivery Date
1.	Gland seal	140.088.1z-2	Nos.	7	Bhola 225MW CCPP Store, BPDB, Borhanuddin, Bhola, Bangladesh	180 Days from the date of opening of L/C	
2.	Gland seal	140.088.2z-2	Nos.	7			
3.	Gland seal	140.088.3z-2	Nos.	1			
4.	Gland seal	140.088.4z-2	Nos.	1			
5.	Gland seal	140.088.5z-2	Nos.	6			
6.	Gland seal	140.088.6z-2	Nos.	3			
7.	Gland seal	140.088.7z-2	Nos.	4	-Do-	-Do-	
8.	Gland seal	140.088.8z-2	Nos.	3	-Do-	-Do-	
9.	Gland seal	140.088.9z-2	Nos.	2	-Do-	-Do-	
10.	Gland seal	140.088.10z-2	Nos.	2	-Do-	-Do-	
11.	Gland seal	140.088.11z-2	Nos.	3	-Do-	-Do-	
12.	Gland seal	140.088.11z-2 (L)	Nos.	1	-Do-	-Do-	
13.	Positioning bolt (M24*155)	00.066.007	Nos.	2	-Do-	-Do-	
14.	Positioning bolt (M20*155)	138.066.017	Nos.	2	-Do-	-Do-	
15.	Positioning bolt (M20*145)	140.066.013	Nos.	2	-Do-	-Do-	
16.	Tab washer	00.066.003	Nos.	6	-Do-	-Do-	
17.	Nut (M24)	B20.2.1B	Nos.	6	-Do-	-Do-	
18.	20 Gasket	B22.4k	Nos.	10	-Do-	-Do-	
19.	Nut (M20)	B20.2.1B	Nos.	6	-Do-	-Do-	
20.	Gap nut (M20)	00.011.022	Nos.	14	-Do-	-Do-	
21.	Double end stud (M24*95)	00.011.141	Nos.	4	-Do-	-Do-	
22.	Double end stud (M12*75)	00.011.110	Nos.	6	-Do-	-Do-	
23.	Special bolt (M20*85)	00.011.132	Nos.	6	-Do-	-Do-	
24.	Bolt (M12*50)	00.066.10	Nos.	8	-Do-	-Do-	
25.	Bolt (M12*40)	00.066.11	Nos.	2	-Do-	-Do-	
26.	Double end stud (M20*60)	B20.21	Nos.	8	-Do-	-Do-	
27.	20 Gasket	B22.4	Nos.	10	-Do-	-Do-	

28.	Positioning bolt (M20*90)	00.066.008	Nos.	2	-Do-	-Do-
29.	Positioning bolt	74.036.001	Nos.	2	-Do-	-Do-
30.	Perforated cover nut (M36)	00.011.027	Nos.	12	-Do-	-Do-
31.	Tab washer	74.036.002	Nos.	12	-Do-	-Do-
32.	Special bolt (M36*110)	00.011.160	Nos.	10	-Do-	-Do-
33.	Positioning bolt	74.036.005	Nos.	4	-Do-	-Do-
34.	Perforated cover nut (M30)	00.011.047	Nos.	12	-Do-	-Do-
35.	Tab washer	74.036.006	Nos.	12	-Do-	-Do-
36.	Special stud (M30*100)	74.036.007	Nos.	8	-Do-	-Do-
37.	55 Gasket	00.102.040	Nos.	6	-Do-	-Do-
38.	Special screw	140.036.001	Nos.	8	-Do-	-Do-
39.	Special gasket	140.036.002	Nos.	8	-Do-	-Do-
40.	Screw (M24*100)	B20.26-98	Nos.	6	-Do-	-Do-
41.	Screw (M16* 80)	GB 5782	Nos.	6	-Do-	-Do-
42.	Sp. nut (M42*3-6H)	69.288.108	Nos.	12	-Do-	-Do-
43.	Sp. bolt (M85*4*490)	140.011.016	Nos.	12	-Do-	-Do-
44.	Cover nut (M85*4)	00.011.16	Nos.	12	-Do-	-Do-
45.	Sp. bolt (M48*310)	138.011.035	Nos.	6	-Do-	-Do-
46.	Sp. bolt (M85*4*390)	140.011.019	Nos.	6	-Do-	-Do-
47.	Sp. bolt (M48*260)	138.011.025	Nos.	6	-Do-	-Do-
48.	Cover nut (M48)	00.011.029	Nos.	12	-Do-	-Do-
49.	Positioning bolt	140.011.010	Nos.	1	-Do-	-Do-
50.	Sp. bolt (M60*4*370)	138.011.029	Nos.	3	-Do-	-Do-
51.	Press off screw	138.011.028	Nos.	4	-Do-	-Do-
52.	Cover nut (M60*4)	00.011.011	Nos.	3	-Do-	-Do-
53.	Double end stud (M42*120)	B20.21	Nos.	12	-Do-	-Do-
54.	Cover nut (M42)	00.011.049	Nos.	12	-Do-	-Do-
55.	Oil strip	74.021.016	Nos.	42	-Do-	-Do-
56.	Oil strip	140.011.2.001-3	Nos.	24	-Do-	-Do-
57.	Oil strip	106.061.022	Nos.	30	-Do-	-Do-
58.	Thrust journal bearing (ø300)	132.051z	Nos.	2	-Do-	-Do-
59.	Journal bearing (ø360)	74.058Z-2	Nos.	2	-Do-	-Do-
60.	136 spring piece	00.071.007	Nos.	168	-Do-	-Do-
61.	110 spring piece	00.071.003	Nos.	24	-Do-	-Do-
62.	118 spring piece	00.071.014	Nos.	72	-Do-	-Do-
63.	132 spring piece	00.071.006	Nos.	84	-Do-	-Do-
64.	132 spring piece	00.071.016	Nos.	60	-Do-	-Do-
65.	152 spring piece	74.148.009	Nos.	72	-Do-	-Do-
66.	Bearing Temp. measuring device	140.671.1z-3	Nos.	35	-Do-	-Do-

67.	y-100 Pressure gauge	ø 100 0-25 Mpa 1 M20*1.5	Nos.	4	-Do-	-Do-
68.	HP controller	1 NN-EE 45-N4-F1A	Nos.	1	-Do-	-Do-
69.	Filter	DFBN/HC500F10C1, X/-B6	Nos.	15	-Do-	-Do-
70.	One way valve	MSR 20 KE 05-1X	Nos.	2	-Do-	-Do-
71.	Ball valve	KHM -32-F3-44444-02X	Nos.	2	-Do-	-Do-
72.	OPC solenoid valve	HQ 16.14Z	Nos.	6	-Do-	-Do-
73.	AST solenoid valve	HQ 16.15Z	Nos.	6	-Do-	-Do-
74.	Temperature probe	pt 100, HQ-WDS5 B.01	Nos.	2	-Do-	-Do-
75.	Temperature probe	pt 100, HQ-WDS5 B.02	Nos.	2	-Do-	-Do-
76.	Vibrate probe	9200	Nos.	2	-Do-	-Do-
77.	MOP suction filter	HQ 25.300.11z	Nos.	3	-Do-	-Do-
78.	Circulating pump suction filter	HQ 25.300.13z	Nos.	3	-Do-	-Do-
79.	MOP outlet filter	HQ 25.300.14z	Nos.	3	-Do-	-Do-
80.	DP return filter	HQ 25.300.15z	Nos.	3	-Do-	-Do-
81.	Cellulose filter	HQ 25.300.16z	Nos.	3	-Do-	-Do-
82.	actuator filter	HQ 25.10z-1	Nos.	3	-Do-	-Do-
83.	Heating pump suction filter	HQ 25.600.11z	Nos.	4	-Do-	-Do-
84.	Resin filter	HQ 25.300.20z	Nos.	3	-Do-	-Do-
85.	Temperature probe	pt 100. wzp2-231, 125*75 mm	Nos.	1	-Do-	-Do-
86.	Pressure switch	6NN-k3-N4-F2A	Nos.	1	-Do-	-Do-
87.	Pressure switch	5NN-k5-N4-F2A	Nos.	1	-Do-	-Do-
88.	Gasket 40	00.102.037	Nos.	2	-Do-	-Do-
89.	Gasket 55	00.102.040	Nos.	2	-Do-	-Do-
90.	Thermocouple	B/Z 14,49-96 WRNK2-231 ø 5 1*150.k	Nos.	1	-Do-	-Do-
91.	Pressure switch	1 NN-EE45-N4-F1A-x371	Nos.	1	-Do-	-Do-
92.	Thermocouple	B/z 14,49-96wzpkd2-05, ø 5*400.K	Nos.	2	-Do-	-Do-
93.	Thermocouple	WZPK2-221 ,PT 100-50+500, 300*150 mm	Nos.	1	-Do-	-Do-
94.	Pressure switch	BH-038025-038	Nos.	1	-Do-	-Do-
95.	Nut	T50*8.2	Nos.	10	-Do-	-Do-
96.	Washer	ø 50	Nos.	10	-Do-	-Do-
97.	Bolt (M24*155)	00.066.007	Nos.	10	-Do-	-Do-
98.	Washer	00.066.003	Nos.	10	-Do-	-Do-
99.	Washer ø 1280/1222 ,ø=5	140.949.1.002-3	Nos.	15	-Do-	-Do-
100.	Washer ø 155/116, ø=2	140.949.1.003-3	Nos.	15	-Do-	-Do-
101.	Stud kit	B20.21	Nos.	40	-Do-	-Do-
102.	Bolt (M16*80)	B20.23	Nos.	30	-Do-	-Do-
103.	Nut (M30)	B20.2.1	Nos.	100	-Do-	-Do-
104.	Nut (M16)	B20.2.1	Nos.	30	-Do-	-Do-
105.	Washer 30	B22.1	Nos.	100	-Do-	-Do-

106.	Washer 16	B22.1	Nos.	30	-Do-	-Do-
107.	Stud (M12*25)	GB 898-76	Nos.	2	-Do-	-Do-
108.	Washer 36	00.000.070	Nos.	10	-Do-	-Do-
109.	Screw (M6*16)	GB 65-76	Nos.	10	-Do-	-Do-
110.	Pilot valve	65.378.006	Nos.	1	-Do-	-Do-
111.	washer 27	00.000.070	Nos.	10	-Do-	-Do-
112.	Spring seat	79.378.003	Nos.	5	-Do-	-Do-
113.	Bushing	79.378.004	Nos.	3	-Do-	-Do-
114.	Stud M10/25	GB 898-76	Nos.	5	-Do-	-Do-
115.	Nut M10	GB 51-76	Nos.	5	-Do-	-Do-
116.	washer 10	GB 854-76	Nos.	5	-Do-	-Do-
117.	Straight pin 5 ga*22	GB 119/1-76	Nos.	5	-Do-	-Do-
118.	Seal coupling DN 15	00.00.10.z/3	Nos.	3	-Do-	-Do-
119.	Washer 22	00.000.070	Nos.	8	-Do-	-Do-
120.	Straight pin 8 ga*30	GB119/1-76	Nos.	3	-Do-	-Do-
121.	Sp. nut	79.378.011	Nos.	5	-Do-	-Do-
122.	Nut M8	GB 51-76	Nos.	10	-Do-	-Do-
123.	Sp. screw	79.378.012	Nos.	5	-Do-	-Do-
124.	Washer \varnothing 269/202,6=2	140.949.2.002	Nos.	5	-Do-	-Do-
125.	Stud kit \varnothing 90/63,6=2	140.949.2.003-3	Nos.	5	-Do-	-Do-
126.	Washer \varnothing 65/33,6=2	140.949.2.004-3	Nos.	5	-Do-	-Do-
127.	Bolt (M12*60)	B20.23	Nos.	5	-Do-	-Do-
128.	Bolt (M22*120)	B20.23	Nos.	5	-Do-	-Do-
129.	Nut M22	B20.2.1	Nos.	5	-Do-	-Do-
130.	Nut M12	B20.2.1	Nos.	5	-Do-	-Do-
131.	Split ring	77.376.002	Nos.	5	-Do-	-Do-
132.	Centrifugal stop bolt	55.376.004	Nos.	3	-Do-	-Do-
133.	Leading bushing	77.376.005	Nos.	3	-Do-	-Do-
134.	Limiting bushing	77.376.007	Nos.	3	-Do-	-Do-
135.	Screw (M6*8)	GB 73-76	Nos.	5	-Do-	-Do-
136.	Nut (M16)	GB 51-76	Nos.	5	-Do-	-Do-
137.	Washer 16	GB856-76	Nos.	5	-Do-	-Do-
138.	Sp. bolt	77.376.009	Nos.	5	-Do-	-Do-
139.	Nut (M22*1)	77.376.11	Nos.	5	-Do-	-Do-
140.	Washer	77.376.12	Nos.	5	-Do-	-Do-
141.	Pin 16*50	GB 118-76	Nos.	5	-Do-	-Do-
142.	Stud (M8*20)	GB 898-88	Nos.	5	-Do-	-Do-
143.	Bushing	77.377.004	Nos.	5	-Do-	-Do-
144.	Valve spindle	77.377.007	Nos.	5	-Do-	-Do-
145.	Axle pin 8*40	GB 882-86	Nos.	5	-Do-	-Do-

146.	Spring seat	77.377.009	Nos.	5	-Do-	-Do-
147.	Spring	77.377.008	Nos.	5	-Do-	-Do-
148.	Screw (M4*10)	GB 73-85	Nos.	5	-Do-	-Do-
149.	Split pin 3*30	GB 91-86	Nos.	5	-Do-	-Do-
150.	Parallel pin A6*40	GB 119-86	Nos.	5	-Do-	-Do-
151.	Counter sign screw M6*12	GB 68-85	Nos.	5	-Do-	-Do-
152.	Washer 27	00.000.070	Nos.	5	-Do-	-Do-
153.	Trip pilot valve	74.379.010	Nos.	3	-Do-	-Do-
154.	Screw (M4*8)	GB 73-85	Nos.	5	-Do-	-Do-
155.	Operating valve	74.379.019	Nos.	1	-Do-	-Do-
156.	Single thrust ball bearing	GB 301-64	Nos.	1	-Do-	-Do-
157.	Injection pilot valve	74.379.020175	Nos.	1	-Do-	-Do-
158.	Seal coupling DN 20	00.000.10z/3	Nos.	2	-Do-	-Do-
159.	Fillister Head screw	GB 65-85	Nos.	2	-Do-	-Do-
160.	Bushing	74.379.017	Nos.	2	-Do-	-Do-
161.	Gap nut (M20)	00.011.043	Nos.	8	-Do-	-Do-
162.	Nut (M20)	B20.9.1	Nos.	2	-Do-	-Do-
163.	Sp. bolt (M42*3-6g)	69.288.106	Nos.	12	-Do-	-Do-
164.	Cover nut (M48)	00.011.008	Nos.	6	-Do-	-Do-
165.	Pressure Switch	HQ-YLS10B-003 INN-k45-M4-F2	Nos.	1	-Do-	-Do-
166.	Washer22	B22.1	Nos.	5	-Do-	-Do-
167.	Washer12	B22.1	Nos.	5	-Do-	-Do-
168.	Nut	GB 6170-86	Nos.	5	-Do-	-Do-

****Manufacturer's Name/ Model No./ Part Nos./Product No./ Drawing Nos. / Serial Nos./ Type, any other reference Nos. are mentioned as reference only;***

Signature:

[insert signature of authorised representative of the Tenderer]

Name:

[insert full name of signatory]

In the capacity of:

[insert designation of signatory]

Duly authorized to sign the Tender for and on behalf of the Tenderer

Section 7. Technical Specifications

7.1 Plant History:

Bhola 225 MW CCPP is situated on the eastern bank of Dehular Khal (A canal connected to the Tetulia river) in the District of Bhola 45 km south of district town. The EPC contractor of the plant is China Chengda Engineering Co. Ltd., China and was commissioned on 09.09.2015. This Power Station (2:2:1) comprises of 2 (two) units of Frame 6 FA, Model No- PG6111FA Gas Turbine (GE, France) having capacity of 62.84 MW each, 2 (two) HRSG (Hangzhou Boiler, China) having capacity of 115.23 tons/hr and a Steam Turbine (Harbin Turbine, China) having capacity of 74 MW. The fuel of the power plant is Natural Gas.

7.2 Plant Specifications:

UNIT Name	Specifications	
Generator :	GTG	STG
Generator Unit Type	6FA	50WX18Z-076L
Capacity	Output 84230 KVA. 67348 KW Volt. 11.5 KV. Amp. 4229 Power Factor 0.8	Rated Output 93.75 MVA. Rated Power 75 MW Volt. 11.5 KV. Amp. 4706.7 A Power Factor 0.8
Excitation System	Brush Less Excitation with PMG.	
Name of Manufacturer	Shandong Jinan Power Equipment Factory Co. Ltd. China	
Gas Turbine:		
Gas turbine Frame	Frame 6 FA,	
Gas turbine Model Series	PG6111FA	
Name of Manufacturer	GE, France	
No. of turbine stages	3 (Three)	
No. of Compressor stages	17 (Axial flow)	
Base Output	67349 KW At 35°C Peak load 65475 KW At 35°C Base load	
Type of Operation	Continuous	
Compressor Inlet Temperature	35°C at 1.013 BAR	
Turbine Exhaust Temperature	634.5°C at peak load	
Control	Mark VIe	
Steam Turbine:		
Type	Double Pressure, Impulse, Single Shaft, Single Cylinder, Condensing	
Model	LN74-8.30/0.62/537/249	
Capacity	74 MW	
Manufacturer	Harbin Turbine Co. Ltd, China	
RPM	3000	
HRSG:		
Unit Type	Vertical	
Capacity	115.23 tons/hr	
Design Pressure (high)	8.45 Mpa(g)	
Name of Manufacturer	Hangzhou Boiler Group Co. Ltd (HBG) China	

7.3 Specifications of required spares:

BPDB intends to Procure **Steam Turbine Spare Parts of Bhola 225MW CCPP, BPDB, Borhanuddin, Bhola, Bangladesh**. The spares shall comply with following Technical Specifications and should be interchangeable with the existing one without any alteration/modification (**Manufacturer of Steam Turbine: Harbin Turbine Co. Ltd., China & Model of the Steam Turbine: LN74-8.30/0.62/537/249**):

SI No.	Description of Items	OEM's Part No./ Drawing No./ Specifications
1.	Gland seal	140.088.1z-2
2.	Gland seal	140.088.2z-2
3.	Gland seal	140.088.3z-2
4.	Gland seal	140.088.4z-2
5.	Gland seal	140.088.5z-2
6.	Gland seal	140.088.6z-2
7.	Gland seal	140.088.7z-2
8.	Gland seal	140.088.8z-2
9.	Gland seal	140.088.9z-2
10.	Gland seal	140.088.10z-2
11.	Gland seal	140.088.11z-2
12.	Gland seal	140.088.11z-2 (L)
13.	Positioning bolt (M24*155)	00.066.007
14.	Positioning bolt (M20*155)	138.066.017
15.	Positioning bolt (M20*145)	140.066.013
16.	Tab washer	00.066.003
17.	Nut (M24)	B20.2.1B
18.	20 Gasket	B22.4k
19.	Nut (M20)	B20.2.1B
20.	Gap nut (M20)	00.011.022
21.	Double end stud (M24*95)	00.011.141
22.	Double end stud (M12*75)	00.011.110
23.	Special bolt (M20*85)	00.011.132
24.	Bolt (M12*50)	00.066.10
25.	Bolt (M12*40)	00.066.11
26.	Double end stud (M20*60)	B20.21
27.	20 Gasket	B22.4
28.	Positioning bolt (M20*90)	00.066.008
29.	Positioning bolt	74.036.001
30.	Perforated cover nut (M36)	00.011.027
31.	Tab washer	74.036.002
32.	Special bolt (M36*110)	00.011.160
33.	Positioning bolt	74.036.005
34.	Perforated cover nut (M30)	00.011.047
35.	Tab washer	74.036.006
36.	Special stud (M30*100)	74.036.007
37.	55 Gasket	00.102.040
38.	Special screw	140.036.001
39.	Special gasket	140.036.002
40.	Screw (M24*100)	B20.26-98

41.	Screw (M16* 80)	GB 5782
42.	Sp. nut (M42*3-6H)	69.288.108
43.	Sp. bolt (M85*4*490)	140.011.016
44.	Cover nut (M85*4)	00.011.16
45.	Sp. bolt (M48*310)	138.011.035
46.	Sp. bolt (M85*4*390)	140.011.019
47.	Sp. bolt (M48*260)	138.011.025
48.	Cover nut (M48)	00.011.029
49.	Positioning bolt	140.011.010
50.	Sp. bolt (M60*4*370)	138.011.029
51.	Press off screw	138.011.028
52.	Cover nut (M60*4)	00.011.011
53.	Double end stud (M42*120)	B20.21
54.	Cover nut (M42)	00.011.049
55.	Oil strip	74.021.016
56.	Oil strip	140.011.2.001-3
57.	Oil strip	106.061.022
58.	Thrust journal bearing (ø300)	132.051z
59.	Journal bearing (ø360)	74.058Z-2
60.	136 spring piece	00.071.007
61.	110 spring piece	00.071.003
62.	118 spring piece	00.071.014
63.	132 spring piece	00.071.006
64.	132 spring piece	00.071.016
65.	152 spring piece	74.148.009
66.	Bearing Temp. measuring device	140.671.1z-3
67.	y-100 Pressure gauge	ø 100 0-25 Mpa 1 M20*1.5
68.	HP controller	1 NN-EE 45-N4-F1A
69.	Filter	DFBN/HC500F10C1, X/-B6
70.	One way valve	MSR 20 KE 05-1X
71.	Ball valve	KHM -32-F3-44444-02X
72.	OPC solenoid valve	HQ 16.14Z
73.	AST solenoid valve	HQ 16.15Z
74.	Temperature probe	pt 100, HQ-WDS5 B.01
75.	Temperature probe	pt 100, HQ-WDS5 B.02
76.	Vibrate probe	9200
77.	MOP suction filter	HQ 25.300.11z
78.	Circulating pump suction filter	HQ 25.300.13z
79.	MOP outlet filter	HQ 25.300.14z
80.	DP return filter	HQ 25.300.15z
81.	Cellulose filter	HQ 25.300.16z
82.	actuator filter	HQ 25.10z-1
83.	Heating pump suction filter	HQ 25.600.11z
84.	Resin filter	HQ 25.300.20z
85.	Temperature meas. probe	pt 100. wzp2-231, 125*75 mm
86.	Pressure switch	6NN-k3-N4-F2A
87.	Pressure switch	5NN-k5-N4-F2A
88.	Gasket 40	00.102.037
89.	Gasket 55	00.102.040

90.	Thermocouple	B/Z 14,49-96 WRNK2-231 ø 5 l*150.k
91.	Pressure switch	1 NN-EE45-N4-F1A-x371
92.	Thermocouple	B/z 14,49-96wzpkd2-05, ø 5*400.K
93.	Thermocouple	WZPK2-221 ,PT 100-50+500, 300*150 mm
94.	Pressure switch	BH-038025-038
95.	Nut	T50*8.2
96.	Washer	ø 50
97.	Bolt (M24*155)	00.066.007
98.	Washer	00.066.003
99.	Washer ø 1280/1222 ,ø=5	140.949.1.002-3
100.	Washer ø 155/116, ø=2	140.949.1.003-3
101.	Stud kit	B20.21
102.	Bolt (M16*80)	B20.23
103.	Nut (M30)	B20.2.1
104.	Nut (M16)	B20.2.1
105.	Washer 30	B22.1
106.	Washer 16	B22.1
107.	Stud (M12*25)	GB 898-76
108.	Washer 36	00.000.070
109.	Screw (M6*16)	GB 65-76
110.	Pilot valve	65.378.006
111.	washer 27	00.000.070
112.	Spring seat	79.378.003
113.	Bushing	79.378.004
114.	Stud M10/25	GB 898-76
115.	Nut M10	GB 51-76
116.	washer 10	GB 854-76
117.	Straight pin 5 ga*22	GB 119/1-76
118.	Seal coupling DN 15	00.00.10.z/3
119.	Washer 22	00.000.070
120.	Straight pin 8 ga*30	GB119/1-76
121.	Sp. nut	79.378.011
122.	Nut M8	GB 51-76
123.	Sp. screw	79.378.012
124.	Washer ø 269/202,ø=2	140.949.2.002
125.	Stud kit ø 90/63,ø=2	140.949.2.003-3
126.	Washer ø 65/33,ø=2	140.949.2.004-3
127.	Bolt (M12*60)	B20.23
128.	Bolt (M22*120)	B20.23
129.	Nut M22	B20.2.1
130.	Nut M12	B20.2.1
131.	Split ring	77.376.002
132.	Centrifugal stop bolt	55.376.004
133.	Leading bushing	77.376.005
134.	Limiting bushing	77.376.007
135.	Screw (M6*8)	GB 73-76
136.	Nut (M16)	GB 51-76
137.	Washer 16	GB856-76
138.	Sp. bolt	77.376.009

139.	Nut (M22*1)	77.376.11
140.	Washer	77.376.12
141.	Pin 16*50	GB 118-76
142.	Stud (M8*20)	GB 898-88
143.	Bushing	77.377.004
144.	Valve spindle	77.377.007
145.	Axle pin 8*40	GB 882-86
146.	Spring seat	77.377.009
147.	Spring	77.377.008
148.	Screw (M4*10)	GB 73-85
149.	Split pin 3*30	GB 91-86
150.	Parallel pin A6*40	GB 119-86
151.	Counter sign screw M6*12	GB 68-85
152.	Washer 27	00.000.070
153.	Trip pilot valve	74.379.010
154.	Screw (M4*8)	GB 73-85
155.	Operating valve	74.379.019
156.	Single thrust ball bearing	GB 301-64
157.	Injection pilot valve	74.379.020175
158.	Seal coupling DN 20	00.000.10z/3
159.	Fillister Head screw	GB 65-85
160.	Bushing	74.379.017
161.	Gap nut (M20)	00.011.043
162.	Nut (M20)	B20.9.1
163.	Sp. bolt (M42*3-6g)	69.288.106
164.	Cover nut (M48)	00.011.008
165.	Pressure Switch	HQ-YLS10B-003 INN-k45-M4-F2
166.	Washer22	B22.1
167.	Washer12	B22.1
168.	Nut	GB 6170-86

*** Manufacturer's Name/ Model No./ Part Nos./Product No./ Drawing Nos. / Serial Nos./ Type, any other reference Nos. are mentioned as reference only;**

Signature: *[insert signature of authorised representative of the Tenderer]*

Name: *[insert full name of signatory]*

In the capacity of: *[insert designation of signatory]*

Duly authorized to sign the Tender for and on behalf of the Tenderer