

Project number: MCP2160079
Project name: OR Tambo International Airport (ORTIA) - 20" Jet Fuel Feeder Line
Client: Airports Company South Africa SOC Limited

Item No	Size	Description	Unit	Qty	Supply Rate	Install Rate	Amount
SCHEDULE C							
MECHANICAL AND PIPING WORKS							
PIPES AND FITTINGS							
1	24	Pipe Sch Std Erw Api 5l B Bevel End (externally Coated And Internally Lined As Per Painting Specification Pr0751 (cps 06 & Cps 07)	m	1			-
2	20	Pipe Sch Std Erw Api 5l B Bevel End (externally Coated And Internally Lined As Per Painting Specification Pr0751 (cps 06 & Cps 07)	m	1800			-
3	18	Pipe Sch Std Erw Api 5l B Bevel End (externally Coated And Internally Lined As Per Painting Specification Pr0751 (cps 06 & Cps 07)	m	4			-
4	10	Pipe Sch Std Erw Api 5l B Bevel End (externally Coated And Internally Lined As Per Painting Specification Pr0751 (cps 06 & Cps 07)	m	3			-
5	14	Pipe Sch Std Erw Api 5l B Bevel End (externally Coated And Internally Lined As Per Painting Specification Pr0751 (cps 06 & Cps 07)	m	8			-
6	16	Pipe Sch Std Erw Api 5l B Bevel End (externally Coated And Internally Lined As Per Painting Specification Pr0751 (cps 06 & Cps 07)	m	2			-
7	3	Pipe Sch 40 Erw Api 5l B Bevel End	m	5			-
8	1	Pipe Sch 80 Smls A106 Gr B Bevel End	m	10			-
9	3/4	Pipe Sch 80 Smls A106 Gr B Bevel End	m	13			-
10	3/4	Ell 90 Deg Lr Sch Std A234 Wpb	Item	7			-
11	1	Ell 90 Deg Lr Sch 80 A234 Wpb	Item	10			-
12	2	Ell 90 Deg Lr Sch Std A234 Wpb	Item	1			-
13	3	Ell 90 Deg Lr Sch 40 A234 Wpb	Item	2			-
14	10	Ell 90 Deg Lr Sch 40 A234 Wpb	Item	2			-
15	14	Ell 90 Deg Lr Sch 40 A234 Wpb	Item	4			-
16	16	Ell 90 Deg Lr Sch Std A234 Wpb	Item	10			-
17	18	Ell 90 Deg Lr Sch Std A234 Wpb	Item	2			-
18	20	Ell 90 Deg Lr Sch Std A234 Wpb	Item	1			-
19	20	Ell 45 Deg Lr Sch Std A234 Wpb	Item	10			-
20	18	Ell 45 Deg Lr Sch Std A234 Wpb	Item	1			-
21	16	Ell 45 Deg Lr Sch Std A234 Wpb	Item	1			-
22	20 X 20	Tee Equal Sch Std A234 Wpb	Item	4			-
23	18 X 18	Tee Equal Sch Std A234 Wpb	Item	1			-
24	14 X 14	Tee Equal Sch 40 A234 Wpb	Item	1			-
25	10 X 10	Tee Equal Sch 40 A234 Wpb	Item	1			-
26	3 X 3	Tee Equal Sch 40 A234 Wpb	Item	1			-
27	1 X 1	Tee Equal Sch 80 A234 Wpb	Item	1			-

28	3/4 X 3/4	Tee Equal Sch 80 A234 Wpb	Item	3				-
29	20 X 18	Tee Red Sch Std A234 Wpb	Item	1				-
30	20 X 16	Tee Red Sch Std A234 Wpb	Item	1				-
31	20 X 14	Tee Red Sch Std A234 Wpb	Item	1				-
32	18 X 16	Tee Red Sch Std A234 Wpb	Item	2				-
33	24 X 14	Tee Red Sch Std A234 Wpb	Item	1				-
34	24 X 20	Red Conc Sch Xs A234 Wpb	Item	1				-
35	18 X 16	Red Conc Sch Xs A234 Wpb	Item	1				-
36	14 X 10	Red Conc Sch Xs A234 Wpb	Item	1				-
37	3 X 2	Red Conc Sch 80 A234 Wpb	Item	1				-
38	2 X 3/4	Red Conc Sch 80 A234 Wpb	Item	1				-
39	1 X 1/2	Red Conc Sch 80 A234 Wpb	Item	1				-
40	24 X 20	Red Ecc Sch Xs A234 Wpb	Item	1				-
41	2 X 1	Red Ecc Sch 80 A234 Wpb	Item	1				-
42	24 X 1/2	Weldolet Sch Std X Sch 80 A105	Item	1				-
43	24 X 1	Weldolet Sch Std X Sch 80 A105	Item	1				-
44	24 X 2	Weldolet Sch Std X Sch 80 A105	Item	1				-
45	20 X 3	Weldolet Sch 40 Stl A105	Item	2				-
46	20 X 3/4	Weldolet Sch Std X Sch 80 A105	Item	1				-
47	20 X 2	Weldolet Sch Std X Sch 80 A105	Item	2				-
48	20 X 1	Weldolet Sch Std X Sch 80 A105	Item	5				-
49	20 X 1 1/2	Weldolet Sch Std X Sch 80 A105	Item	2				-
50	16 X 1 1/2	Weldolet Sch Std X Sch 80 A105	Item	1				-
51	14 X 1/2	Weldolet Sch Std X Sch 80 A105	Item	1				-
52	20 x 1	Threadolet CI 6000 Bw/scrd A105	Item	1				-
53	20 x 1/2	Threadolet CI 6000 Bw/scrd A105	Item	1				-
54	1/2	Flange Blind CI 300 Rf Stl A105	Item	1				-
55	3/4	Flange Blind CI 300 Rf Stl A105	Item	1				-
56	1	Flange Blind CI 300 Rf Stl A105	Item	2				-
57	1,5	Flange Blind CI 300 Rf Stl A105	Item	1				-
58	24	Flange Blind CI 150 Rf Stl A105	Item	2				-
59	3	Flange Blind CI 150 Rf Stl A105	Item	1				-
60	1 X 1/2	Flange Scrd CI 300 Rf Stl A 105	Item	3				-
61	1 1/2 X 1/2	Flange Scrd CI 300 Rf Stl A 105	Item	2				-
62	20	Flg Wn CI 150 Rf Sch Std Bore A105	Item	14				-
63	24	Flg Wn CI 150 Rf Sch Xs Bore A105	Item	2				-

64	2	Flg Wn Cl 150 Rf Sch 80 Bore A105	Item	1			-
65	3	Flange Wn Cl 150 Rf Sch 40 Bore A105	Item	6			-
66	10	Flange Wn Cl 150 Rf Sch 40 Bore A105	Item	4			-
67	14	Flange Wn Cl 150 Rf Sch 40 Bore A105	Item	4			-
68	16	Flg Wn Cl 150 Rf Sch Std Bore A105	Item	6			-
69	18	Flg Wn Cl 150 Rf Sch Std Bore A105	Item	5			-
70	3/4	Flg Wn Cl 300 Rf Sch 80 Bore A105	Item	13			-
71	1/2	Flg Wn Cl 300 Rf Sch 80 Bore A105	Item	2			-
72	1	Flg Wn Cl 300 Rf Sch 80 Bore A105	Item	2			-
73	1,5	Flg Wn Cl 300 Rf Sch 80 Bore A105	Item	4			-
74	1/2	Flg Wn Cl 150 Rf Sch Xs Bore A105	Item	1			-
75	3/4	Flg Wn Cl 150 Rf Sch Xs Bore A105	Item	1			-
76	20	Blind Spectacle Cl 150 Rf A105/a516 Gr 70	Item	5			-
77	18	Blind Spectacle Cl 150 Rf A105/a516 Gr 70	Item	1			-
78	14	Blind Spectacle Cl 150 Rf A105/a516 Gr 70	Item	2			-
79	16	Blind Spectacle Cl 150 Rf A105/a516 Gr 70	Item	1			-
80	3/4	Blind Spectacle Cl 300 Rf A105/a516 Gr 70	Item	1			-
81	3/4	Padlock And Chain	Item	1			-
82	1	Padlock And Chain	Item	1			-
VALVES							
83	1/2	Ball Valve Cl 300 Rf A216 Wcb/wcc, Full Bore	No	2	Free issue		-
84	3/4	Ball Valve Cl 300 Rf A216 Wcb/wcc, Full Bore	No	3	Free issue		-
85	1	Ball Valve Cl 300 Rf A216 Wcb/wcc, Full Bore	No	2	Free issue		-
86	3	Ball Valve Cl 150 Rf A216 Wcb/wcc, Full Bore	No	2	Free issue		-
87	1 1/2	Ball Valve Cl 300 Rf A216 Wcb/wcc, Full Bore	No	3	Free issue		-
88	24	Ball Valve Cl 150 Rf A216 Wcb/wcc, Full Bore	No	2	Free issue		-
89	14	Ball Valve Cl 150 Rf A216 Wcb/wcc, Full Bore	No	2	Free issue		-
90	20	Ball Valve Cl 150 Rf A216 Wcb/wcc, Full Bore	No	1	Free issue		-
91	16	Ball Valve Cl 150 Rf A216 Wcb/wcc, Full Bore	No	1	Free issue		-
92	18	Cameron Valve Double Block And Bleed (dbb) Cl 150 Rf A216 Wcc	No	1	Free issue		-
93	20	Cameron Valve Double Block And Bleed (dbb) Cl 150 Rf A216 Wcc	No	4	Free issue		-
94	1" x 3/4"	Apb Psv Xx1 (pressure/temperature Safety Valve)	No	1	Free issue		-
STUDBOLTS							
95	3/4 X 85MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	60			-

96	3/4 X 100MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	20			-
97	3/4 X 110MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	32			-
98	5/8 X 100MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	16			-
99	1 X 150MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	40			-
100	1 1/8 X 160MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	32			-
101	1 1/8 X 175MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	140			-
102	1 1/4 X 185MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	80			-
103	5/8 X 90MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	4			-
104	1 X 175MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	24			-
105	1 X 180MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	16			-
106	1 1/8 X 190MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	32			-
107	1 1/8 X 210MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	100			-
108	1 1/4 X 210MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	48			-
109	1 1/2 X 240MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	24			-
110	1 1/2 X 200MM	Stud Bolt A193 Gr. B7 W/a194 Gr. 2h Nuts Complete With Hardened Washers	No	64			-
GASKETS							
111	1/2	GASKET CL 300 304 SS SP WND GRAF 4,5 MM THK	No	5			-
112	3/4	GASKET CL 300 304 SS SP WND GRAF 4,5 MM THK	No	9			-
113	1	GASKET CL 300 304 SS SP WND GRAF 4,5 MM THK	No	10			-
114	1 1/2	GASKET CL 300 304 SS SP WND GRAF 4,5 MM THK	No	5			-
115	3	GASKET CL 150 304 SS SP WND GRAF 4,5 MM THK	No	5			-
116	10	GASKET CL 150 304 SS SP WND GRAF 4,5 MM THK	No	3			-
117	14	GASKET CL 150 304 SS SP WND GRAF 4,5 MM THK	No	6			-
118	16	GASKET CL 150 304 SS SP WND GRAF 4,5 MM THK	No	6			-
119	18	GASKET CL 150 304 SS SP WND GRAF 4,5 MM THK	No	5			-
120	20	GASKET CL 150 304 SS SP WND GRAF 4,5 MM THK	No	16			-
121	24	GASKET CL 150 304 SS SP WND GRAF 4,5 MM THK	No	4			-
122	20	INSULATING FLG SET,RF 150# (FOR ELECTRICAL ISOLATION)	No	1			-
PIPE SUPPORTS							
123	20	Special Clamp Support With Bottom Rollers (for Installation Of 20" Line Thru New Sleeves)	No	116			-
TOTAL CARRIED FORWARD TO SUMMARY							-