

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

Item No	Paymt Refer	Description	Unit	Qty	Rate	Amount
		<u>SCHEDULE A</u>				
	SABS 1200 A	<u>PRELIMINARY AND GENERAL</u>				
		<i>Note: Preliminary and General items below are associated with the Principal Contractor's scope of work (covering both Mechanical & Civil)</i>				
		<i>The Preliminary and General costs for any Specialist subcontractors is priced seperately</i>				
	8.3	<u>FIXED-CHARGE AND VALUE-RELATED ITEMS</u>				
1	8.3.1	Contractual requirements	Sum	1		-
	8.3.2	<u>Establishment of facilities on the site</u>				
2	8.3.2.1	Facilities for Engineer (Accommodation, Electronics, Office, Furniture)	Sum	1		-
	8.3.2.2	Facilities for Contractor				
3	(a)	Offices and storage sheds	Sum	1		-
4	(b)	Workshops	Sum	1		-
4	(c)	Laboratories	Sum	1		-
5	(d)	Living accommodation	Sum	1		-
5	(e)	Ablution and latrine facilities	Sum	1		-
6	(f)	Tools and equipment	Sum	1		-
7	(g)	Water supplies, electric power and communications	Sum	1		-
8	(h)	Dealing with water (see 5.5)	Sum	1		-
9	(i)	Access (see 5.8)	Sum	1		-
10	(j)	Plant (designated plant specifically identified)	Sum	1		-
11	(k)	Crane - Supply and maintain a suitable crane on site for the duration of the contract	Sum	1		-
12	(l)	Scaffolding - Supply, erect, platform, handrails, staircases, dismantle, supports, inspection, etc. the duration of the contract	Sum	1		-
13	8.3.3	Other fixed-charge obligations	Sum	1		-
14	8.3.4	Removal of site establishment	Sum	1		-

		<u>Occupational Health and Safety</u>				
15		Compliance with Occupational Health and Safety Act (Act 85 of 1993) and its regulations and with the Employers Health and Safety Specification.	Sum	1		-
		<u>Environmental Management</u>				
16		Compliance with the Employer's Environmental Management plan	Sum	1		-
	8.4	<u>TIME-RELATED ITEMS</u>				
17	8.4.1	Contractual requirements	Months	9		-
	8.4.2	<u>Operation and maintenance of facilities on site, for duration of construction, except where otherwise stated</u>				
18	8.4.2.1	Facilities for Engineer (Accommodation, Electronics, Office, Furniture)	Months	9		-
	8.4.2.2	Facilities for Contractor				
19		(a) Offices and storage sheds	Months	9		-
20		(b) Workshops	Months	9		-
20		(c) Laboratories	Months	9		-
21		(d) Living accommodation	Months	9		-
21		(e) Ablution and latrine facilities	Months	9		-
22		(f) Tools and equipment	Months	9		-
22		(g) Water supplies, electric power and communications	Months	9		-
23		(h) Dealing with water (see 5.5)	Months	9		-
23		(i) Access (see 5.8)	Months	9		-
24		(j) Plant (designated plant specifically identified)	Months	9		-
24		(k) Access stairs to invert of excavation / week	Months	9		-
25	8.4.3	Supervision for duration of construction	Months	9		-
26	8.4.4	Company and head office overhead costs for the duration of the contract	Months	9		-
27	8.4.5	Other time-related obligations	Months	9		-

	8,5	<u>SUMS STATED PROVISIONALLY BY ENGINEER</u>				
		Cost of survey in terms of Land Survey Act				
28		(a) Geotechnical study	ProvSum	1		-
29		(b) Topological study	ProvSum	1		-
30	8,7	<u>DAYWORKS</u>				
		<u>Personnel</u>				
31		(a) Unskilled labourer	Hour	1324		-
32		(b) Semi-skilled labourer	Hour	1324		-
33		(c) Skilled labourer	Hour	1324		-
34		(d) Gang leader	Hour	1324		-
35		(e) Foreman	Hour	1324		-
36		(f) Skilled artisan	Hour	1324		-
		<u>Construction Equipment</u>				
37		(a) Tractor loader backhoe (i) Backhoe loader 55-70 kW 0.5m³ bucket	Hour	50		-
38		(b) Excavator (i) Tracked 80 to 200 kW with up to 2m³ load capacity	Hour	50		-
39		(ii) Crawler excavator minimum power 140 kW	Hour	50		-
40		(c) Vibratory roller (i) Self-propelled vibratory roller, 9-12 tons	Hour	50		-
41		(ii) Vibrating roller more than 80 kW and 10 ton mass	Hour	50		-
42		(iii) Hand propelled vibratory roller, 0,5 ton mass	Hour	50		-
43		(d) Other equipment (i) Vibrating plate compactor minimum power 2 kW	Hour	50		-
44		(ii) Tip truck minimum load capacity 10 tons	Hour	50		-
45		(iii) Water tank truck minimum capacity 10 kl	Hour	50		-
46		(iv) Gridroller, 15 tons mass	Hour	50		-
47		(v) Low bed trailer with mechanical horse	Hour	50		-
48		(vi) Crane	Hour	10		-
		<u>Vehicles (specify size)</u>				
49		(a) Light delivery vehicle	Km	50		-
50		(b) Flatbed truck	Km	50		-
51		(c) Dump truck	Km	50		-
52		Control of dust and pollution	Lump Sum	1		-

	8.8	<u>TEMPORARY WORKS</u>				
53	8.8.1	Temporary traffic control facilities during construction and relocation upon completion	Sum	1		-
54	8.8.2	Traffic accomodation safety barriers and provision of lighting on site to work areas	Sum	1		-
55	8.8.3	Protection of existing valve box structure until construction in vicinity is complete	Sum	1		-
		<u>Standing Time</u>				
56		Suspension costs : Fixed	Sum	1		-
57		Suspension costs : Time	Sum	1		-
	8.9	<u>General Requirements and Provisions</u>				
		<u>Occupational Health and Safety</u>				
58		Compliance of Occupational Health and Safety Act (Act 85 of 1993) and its regulations and with the Employers Health and Safety Specification.	Months	9		-
		<u>Environmental Management</u>				
59		Compliance with the Employer's Environmental Management plan and dedicated Environmental officer	Months	9		-
60		<u>Stakeholder liaison</u>				
	(a)	Community Liasion Officer	Months	9		-
	(b)	Operations Liasion Officer	Months	9		-
		<u>Site Camp & Pipeline Area Security</u>				
61	(a)	Provision of ACSA approved security provider and compliance with airport security requirements	Months	9		-
	(b)	Facilities for security provision	Sum	1		-
62		<u>ACSA Escorts</u>				
	(a)	Payment of ACSA approved escorts employed by the Contractor and seconded to the Employer	Sum	1		-
	(b)	Escort Services for all project vehicles	Sum	1		-
63		<u>Emergency Services and Signage</u>				
	(a)	Emergency Removal Equipment	Sum	1		-
	(b)	Control of dust and pollution	Sum	1		-
	(c)	Contractor sign boards	Sum	1		-
64		Preparation and submission of as-built drawings, manuals, assets register, operating instructions and	Sum	1		-
65		Implementation of CPG Requirements	Sum	1		-
66		Implementation of CIDB B.U.I.L.D programme	Sum	1		-
TOTAL CARRIED FORWARD TO SUMMARY						-