



SARS Mthata Canopies

SCHEDULE 1 : PRELIMINARIES AND GENERAL

Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount
1.	SABS 1200 A	SCHEDULE 1: PRELIMINARY & GENERAL				
1.1	8.3	FIXED-CHARGE ITEMS				
1.1.1	8.3.1	Contractual Requirements	Sum	1		
	8.3.2	Establish Facilities on Site				
1.1.2	8.3.2.1	Facilities for the Contractor				
1.1.3		a. Tools and Equipment	Sum	1		
1.1.3		b. Water supplies & electric power	Sum	1		
		c. Plant	Sum	1		
		d) Security	sum	1		
1.1.3	8.3.4	Remove Contractor's site establishment on completion	Sum	1		
1.1.4	8.4.0	OPERATION AND MAINTENANCE OF FACILITIES ON SITE				
		a) Provision of water and power	Sum	1	included	
		b) Tools and equipment	sum	1	included	
1.1.5	8.5	TEMPORARY WORKS				
	8.5.1	a) Protection of infrastructure until completion of project	Sum	1		
	8.5.2	Existing Services				
		b) Excavate by hand in soft material to expose all underground services	sum	1		
		c) Temporary protection of all underground services	sum	1		
1.1.6	8.6	OCCUPATIONAL HEALTH AND SAFETY				
		Risk Assessment Procedure, QM, Quality Management System, Health and Safety Specification, Environmental Plan, Safety Inspections, OHSA Appointments, Non-Conformance Process to be available in office (Payment after certification by SARS CoW that above documentation is in place, according to Sars requirements and implemented)	Sum	1		
		TOTAL CARRIED TO SUMMARY				



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Schedule 2 - EARTHWORKS

Item ITEM	Payment Reference	Description	Unit	Qty	Rate	Amount
	SANS 1200D; SANS 1200 DA	EARTHWORKS (Provisional)				
		Carting away of excavated material				
		Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site.				
		EXCAVATION, ETC.				
2		Excavation in earth not exceeding 2,00m deep				
2.1		Column bases	m ³	263		
		Extra over excavation in earth for excavation in				
2.2		Soft rock	m ³	100		
		Extra over all excavations for carting away				
2.3		Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m ³	105		
		Risk of collapse of excavations				
2.4		Sides of excavations Not exceeding 1,50m deep	m ²	380		
2.5		Keeping excavations free of water	Item	1		
		FILLING, ETC.				
		Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 95% Modified AASHTO density				
2.6		Backfilling to column bases	m ³	197		
2.7		remove paving blocks to stock pile	m ²	185		
Carried Forward						

Brought Forward						
2.8		Compaction of surfaces Compaction of ground surface under floors, etc. including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density SOIL POISONING Soil insecticide	m ²	167		
2.9		Under floors, etc., including forming and poisoning shallow furrows against foundation walls, etc., filling in furrows and ramming	m ²	167		
2.10		To bottoms and sides of column bases, trenches, etc.	m ²	547		
Total Carried to Summary						



Schedule 3-CONCRETE, FORMWORK & REINFORCEMENT

Item	Payment reference	Description	Unit	Qty	Rate	Amount
3	SANS 1200 G	UNREINFORCED CONCRETE CAST AGAINST EXCAVATED				
	SANS 1200 H	SURFACES				
	SANS 1200 HA	15MPa/19mm concrete				
	SANS 1200 HC	Surface blinding under footings	m ³	10		
		REINFORCED CONCRETE				
		30 Mpa/19mm Concrete poured around reinforcement:				
3.1		Stub Columns	m ³	5.7		
3.2		Ramp	m ³	0		
3.3		Column bases	m ³	51		
		TEST BLOCKS				
3.4		Making and testing 3 sets of three of 150 x 150 x 150mm concrete strength test cubes for the 7, 14 and 21 day cube tests	Item	3		
Carried Forward						

Item	Payment reference	Description	Unit	Qty	Rate	Amount
		Brought Forward				
		FALSE FORMWORK , FORMWORK & CONCRETE				
		General formwork				
3.5		Edges, risers, ends and reveals not exceeding 300mm high or wide	m	250		
		Vertical Formwork to provide				
3.6		(a) Class F1 surface finish to : Concrete Stub Column	m ²	56.0		
3.7		(b) Class F2 surface finish to : Concrete Staircase	m ²	0		
		REINFORCEMENT				
		Fabric reinforcement				
3.8		Type 193 fabric reinforcement in concrete surface beds, slabs, etc.	m ²	0		
		Steel reinforcement				
3.9		High yield stress steel bars - Deformed High tensile strength 450 Mpa	kg	2477.3		
3.10		Mild steel bars for links, 300MPa	kg	189.0		
		STRUCTURAL STEEL (S355 JR unless otherwise specified)				
		All steel members must be galvanised , no fabrication or ironmongery will be done on site. i.e. Contractor must provide <u>shop drawings</u> for approval and fabricate all steel off site, rates for steel to include all fabrication, transportation erection complete etc. Contractor to look at drawings before pricing. lengths stated below are only indicative actual lengths will be determined from shop drawings				
3.11		Provision for structural steel fabrication as per engineers instruction	t	0.5		
3.12		Columns				
		(a) 177.8x4.0 Circular hollow section 4m length	m	80		
		(b) 177.8x4.0 Circular hollow section 5m length	m	20		
		(C) 175x175x4.5 Rectangular hollow section 4m lengths	m	44		
3.13		Beams				
		(a) 250x75x3.0 lipped channels 5.55m lengths	m	152		
		(b) 250x150x6 rectangular hollow section 4.46m lengths	m	52		
		Carried Forward				

Item	Payment reference	Description	Unit	Qty	Rate	Amount
		Brought Forward				
3.14		Purlins				
		(a) 175 x 75 x 2.5 lipped channel purlins 7500m lengths	m	709		
		(b) 175 x 75 x 2.5 lipped channel purlins 10000m lengths	m	53		
		(c) 175 x 75 x 2.5 lipped channel purlins 1000m lengths	m	2		
3.15		Sag Rods				
		60x60x6 equal leng angle iron sag rod 1075m lengths	m	33.0		
3.16		Framing				
		76x2.5 circular hollow section 2.441m length	m	49		
		89x3 circular hollow section 4.7m lengths	m	165		
		89x3 circular hollow section 2.45m lengths	m	10		
3.17		Bracing				
		90x90x6 equal leg angle 8.900m lengths	m	107		
3.18		Connections				
		(a) Weatherproof M12 chemical anchor bolts with nut and washers complete	No	96		
		(b) Weatherproof M16 chemical anchor bolts with nut and washers complete	No	44		
3.19		Base Plates				
		(a) 450x450 15mm base plates welded to square hollow sections complete with holes suitable for 16mm Chemical Anchor Bolts	ea	11.00		
		(b) 300x300 15mm base plates welded to circular hollow columns complete with holes suitable for 12mm chemical anchor bolts	ea	24.00		
3.2		Stiffeners				
		(a) 4 by 12 mm triangular stiffener welded to square hollow base with dimensions of 140mm by 125mm with 45 degree slope	set	37.00		
3.21		Curing of concrete				
		(a) All Concrete cured by keeping exposed concrete surfaces wet for a minimum of 7 days	m ²	211		
		Total Carried to Summary				

**SARS Umthata Car Ports****Schedule 4 - Paving**

Item	Payment reference	Description	Unit	Qty	Rate	Amount
	SANS 1200 MJ	PAVING				
4.0		Reinstall paving blocks from stockpile	m ²	185		
4.1		Coarse river sand filling supplied by the contractor Bedding for paving 20mm	m ²	185		
Total Carried to Summary						

**SARS Mthata Canopies****Schedule 5 - ROOF COVERINGS**

Item	Payment reference	Description	Unit	Qty	Rate	Amount
5.0	SANS 1200 HB	ROOF COVERINGS, ETC. (WG 124) Profiled metal sheeting and accessories Klipklock or similar approved 0.58mm galvanised longspan sheeting by specialist. Roof covering with pitch not exceeding 20 degrees and slightly curved on elevation	m ²	1285		
Total Carried to Summary						

SUMMARY

Schedule	Description	Amount
1	Preliminaries & Generals	
2	Earthworks	
3	Concrete formwork and reinforcement	
4	Paving	
5	Roof coverings	
	Subtotal	
	10 % Contingencies	
	Subtotal	
	VAT @ 14%	
	Subtotal	
	TOTAL CARRIED TO TENDER FORM	