

MAIN CONTRACT 285/2019

DESIGN, BUILD & OPERATE 2MLD SWRO & 3MLD RECLAMATION PLANT
10T_WP03 SMME PACKAGE - CONCRETE WORKS

SCHEDULE 1A: Preliminary and General

ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		SECTION 1: PRELIMINARY AND GENERAL				
1.1	SANS 1200 A					
	8.3	FIXED-CHARGED ITEMS				
1.1.1		(f) Tools and Equipment	Sum	1		
1.1.2		(g) Water supplies, electric power and communications	Sum	1		
1.1.3		(h) Dealing with water (Subclause 5.5)	Sum	1		
1.2		HEALTH AND SAFETY				
1.2.1	PSA 1	Preparation of the SMME Contractor's site specific Health and Safety Plan and Risk Assessment	Sum	1		
1.2.2	PSA 2	SMME Contractor's initial obligations in respect of the Occupational Health and Safety Act, Construction Regulations & Covid-19 Regulations	Sum	1		
1.2.3	PSA 3	SMME Provision of Personal Protective Equipment (PPE)				
		a) Reflective Vests	No			
		b) Hard hats	No			
		c) Protective foot wear	No			
		d) Earplugs	No			
		e) Dust masks	No			
		f) Gloves	No			
		g) Ear Defenders SABS approved	No			
		h) Overalls	No			
1.2.4	PSA 4	Cost of Medical Surveillance				
		a) Initial (baseline) medical examination	No			
		b) Periodic and Exit Medicals	No			
1.2.5	PSA 5	Provision of First Aid Boxes to GSR requirements	Sum	1		
1.3		ENVIRONMENTAL				
1.3.1	PSA 6	Costs associated with ensuring compliance with the EMP.	Sum	1		
1.4	8.4	TIME-RELATED ITEMS				
1.4.1		(f) Tools and Equipment	Month	1		
1.4.2		(g) Water supplies, electric power and communications	Month	1		
1.4.3		(h) Dealing with water (Subclause 5.5)	Month	1		
1.4.4	8.4.3	Supervision for duration of Construction	Month	1		
1.4.5	8.4.4	SMME Company and head office overhead costs for the duration of the Contract	Month	1		
TOTAL FOR SECTION CARRIED FORWARD TO SUMMARY						

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ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1.5		HEALTH AND SAFETY				
1.5.1	PSA 7	SMME Contractors' time related obligations in respect of the Occupational Health and Safety Act, Construction Regulations and Covid-19 Regulations	Month	1		
1.6		ENVIRONMENTAL				
1.6.1	PSA 8	Costs associated with ensuring compliance with the EMP.	Month	1		
TOTAL FOR SECTION CARRIED FORWARD TO SUMMARY						

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SCHEDULE 2A: SITE WORKS

ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2.1	SANS 1200 C	SITE CLEARANCE				
2.1.1	8.2.1	Clear and grub vegetation and trees of girth up to 1m along the route of the palisade fencing	m ²	346		
2.2	SANS 1200 DA	RESTRICTED EXCAVATION				
2.2.1	8.3.2	Excavate for foundations, footings and trenches in all materials and for use in backfill or embankment or dispose for:				
2.2.1.1		a) 12m x 5m container concrete plinths	m ³	19		
2.2.1.2		b) 6m x 3m container concrete plinths	m ³	9		
		c) Pump plinths	m ³	3		
2.2.2		Extra-over item 2.2.1 for excavation in				
2.2.2.1	8.3.2 (b)(2)	Hard rock	m ³	1		
2.3	SANS 1200 GA	FORMWORK				
2.3.1	8.2.1	Rough vertical plane				
2.3.1.1		for slabs below ground level	m ²	22		
	8.2.2	Smooth vertical plane				
2.3.1.2		for slabs above ground level	m ²	56		
	8.2.2	Smooth horizontal plane				
2.3.1.3		Wood float finish to top of concrete	m ²	346		
2.4	SANS 1200 GA	FORMWORK				
2.4.1	8.3	High tensile steel				
2.4.1.1		Ref 245 welded mesh	m ²	338		
2.5	SANS 1200 GA	CONCRETE				
2.5.1	8.4.3	Strength Concrete 25MPa/19mm				
2.5.1.1		a) 12m x 5m container plinths	m ³	105		
2.5.1.2		b) 6m x 3m containers plinths	m ³	13		
2.5.1.3		c) Pump plinths	m ³	3		
2.5.1.4		Extra-over for chamfered edges	m	224		
TOTAL FOR SECTION CARRIED FORWARD TO SUMMARY						

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SCH No.	DESCRIPTION	AMOUNT	ESTIMATE
1A	PRELIMINARY AND GENERAL		
1B	PRELIMINARY AND GENERAL		
2A	SITE WORKS		
A	NETT TOTAL OF COST OF WORKS (EXCL VAT)		
B	CONTINGENCY ALLOWANCE @10%		
C	NET TOTAL OF COST OF WORKS INCLUDING CONTINGENCY (EXCL VAT)		
D	ALLOWANCE FOR VAT AT 15.0%		
E	TOTAL COST OF WORKS (INCL VAT)		