

BUILDING 13 CRAWL STRUCTURE QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
	Part 1: Scheduled Items					
1.1	Clear and grub 100mm topsoil 1.5m beyond footprint of new structures and discard at a site located by contractor	m ²	35	R	-	
1.2	Excavate in all materials to specified depths and stockpile at a site located by the contractor for later use	m ³	25	R	-	
1.3	Oversaturate in-situ material 150mm deep and compact to 100% MDD	m ²	40	R	-	
1.4	Imported selected G7 material in 150mm layers and compact to 93% MDD	m ³	6	R	-	
1.5	Imported subbase as per drawing C2911-340	m ³	4	R	-	
1.6	80mm thick (Grey) interlocking concrete block paving laid onto 20mm thick bedding sand layer including provision and placement of sand	m ²	30	R	-	
1.7	Backfill in 150mm thick layers and compact to 93% MDD around concrete bases using excavated material	m ³	4	R	-	
1.8	Spoil unused excavated material at a site located by the contractor	m ³	45	R	-	
1.9	Saw-cut existing concrete surface bed 40mm deep	m	7	R	-	
1.10	Break-out concrete surface bed up to 300mm deep and spoil material off site	m ²	7	R	-	
1.11	30MPa/19 concrete in bases and stub columns	m ³	7	R	-	
1.12	Extra-over item 1.11 for casting against excavated surfaces	m ²	4	R	-	
1.13	Smooth vertical formwork to sides of stub columns	m ²	12	R	-	
1.14	Strike-off and cure top of bases and stub columns	m ²	11	R	-	
1.15	High tensile reinforcement of any diameter	kg	514	R	-	
1.16	Cast in position sets of 4M20 holding bolts	No	8	R	-	
1.17	Set of three concrete cubes, each size 150x150mm, including use of moulds, sending to an approved laboratory, providing test results timeously and paying all charges in connection therewith	No	2	R	-	
1.18	Hot rolled steel sections including base plates, all connection plates, Gr4.8 bolts, workshop detail preparation, manufacturing, transportation, erection, painting etc.	kg	2,150	R	-	
1.19	Extra-over item 1.18 for Grade 8.8 bolts where specified	kg	50	R	-	
1.20	Supply sets of 4M20 holding down bolts complete as per detail on drawing C2911-540	No	8	R	-	
1.21	Supply and install 3t trolley as per specification on drawing C2911-540	No	1	R	-	
1.22	Supply and install 3t chain hoist as per specification on drawing C2911-540	No	1	R	-	
1.23	Load testing of lifting equipment to relevant SANS codes and certification of equipment with all required documentation	Sum		R	-	
1.24	Scanning of construction area as determined by client on site for underground services and preparation and supply of as-built drawing of services detected	Sum		R	-	
1.25	Supply and place precast concrete kerbs in 1000mm lengths, size 280 x 180mm (Fig 7) including 1:3 mortar bedding, excavation of underlying subbase as necessary, 20MPa concrete haunching, cutting and waste	m	25	R	-	
1.26	Reinstatement of garden to original stated including all necessary landscaping	Sum		R	-	
Total for Part 1: Scheduled Items					R	-

	Part 2: General Items				
2.1	P&G and site establishment	Sum			R -
2.2	Conformance to health and safety requirements as specified by CSIR	Sum			R -
Total for Part 2: General Items					R -
	Part 3: Summary				
3.1	TOTAL FOR PART 1: SCHEDULED ITEMS				R -
3.2	TOTAL FOR PART 2: GENERAL ITEMS				R -
	SUB-TOTAL 1 (Excl. VAT)				R -
3.3	Contingencies (at 20%)				R -
	SUB-TOTAL 2 (Excl. VAT)				R -
3.4	ADD 15% VAT				R -
3.5	TOTAL				R -