

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	1. EXCAVATION AND EARTH WORKS				
1.1	Clear the site using D8R dozer to remove top soils & trees to make the site comfortable for camping & stores.	days	2.00	10450.00	20,900.00
1.2	Pit excavation from soil to hard rock depths (R=18m, D=8m, V=8.143m ³ for the pond and V=385m ³ for water way)	days	28.00	10450.00	292,600.00
1.3	Backfill around masonry foundations	m3	1,700.00	30.00	51,000.00
1.4	Cart away all surplus material to a distance of 1km, spread &	m3	6,000.00	20.00	120,000.00
1.5	25cm thick basaltic or equivalent stone hardcore well placed,	m2	660.00	105.00	69,300.00
	TOTAL CARRIED TO SUMMARY				553,800.00
	2. MASONRY WORKS				
2.1	40cm thick roughly dressed trachytic masonry wall bedded in 1:3 cement mortar.	m3	500.00	900.00	450,000.00
2.2	Ditto, but well dressed trachytic masonry wall above ground level.	m3	80.00	1,000.00	80,000.00
	TOTAL CARRIED TO SUMMARY				530,000.00
	3. CONCRETE WORKS				
3.1	6cm thick lean concrete in class C-5, with minimum content of	m2	870.00	40.00	34,800.00
3.2	Reinforced concrete in C-25 with min. cement content of 360				
3.3	a. in 15 cm thick ground floor slab Reinforcement steel bars according to structural drawing to ground floor slab. Price includes cutting, bending, placing in position & tying wires	m2	635.00	300.00	190,500.00
3.4	a. Dia. 12 deformed bar Provide cut and fix in position sawn Zigba wood form work to : a. floors at water entrance	kg	7,330.00	32.00	234,560.00
	TOTAL CARRIED TO SUMMARY				462,410.00
	4. FLOORING AND PAVING				
6.1	6cm thick smoothly finished class C-25 concrete screed with appropriate aggregate size. (max. of 10mm)	m2	635.00	96.90	61,531.50
6.2	Construct 100cm wide stone pavement around the top masonry wall.	m2	130.00	392.70	51,051.00
	TOTAL CARRIED TO SUMMARY				112,582.50
	5. FINISHING				
7.1	Apply three coats of plastering in cement sand mortar (1:3) up	m2	700.00	110.00	77,000.00
7.2	Apply flush pointing to external exposed stone wall in cement sand mortar (1:3)	m2	80.00	75.00	6,000.00
	TOTAL CARRIED TO SUMMARY				83,000.00
	6. Pump works				
5.1	Complete pump works including pump, pipes, etc.	Set	1	65,000.00	65,000.00
	TOTAL CARRIED TO SUMMARY				65,000.00
	7. Fence works				
5.1	Complete fence works using barbed wires and impregnated eucalyptus wood.	Ls	1.00	35,000.00	35,000.00
	TOTAL CARRIED TO SUMMARY				35,000.00

Items	Description	Unit	Amount
	SUMMARY		
1.	EXCAVATION & EARTHWORK		553,800.00
2.	STONE MASONRY		530,000.00
3.	CONCRETE WORK		462,410.00
4.	FLOORING & PAVING		112,582.50
5.	FINISHING		83,000.00
6.	PUMP WORKS		65,000.00
7.	FENCE WORKS		35,000.00
	SUB TOTAL		1,841,792.50
	CONTINGENCY 10%		184,179.25
	G/ TOTAL		2,025,971.75

Quantity of works to be executed

Agirt pond Construction