

BILL OF QUANTITY FOR TILING CLASSROOMS & OFFICES, OPENING OF THE SWAMP PATH TO THE SCHOOL AND WATER TANK FOR HARVESTING RAIN WATER

S/N	SCHOOL: Dr.Pietro Boschotti Primary School- Lui Mundri East			
1	TILES FIXING			
	Floor finishes with ceramic tiles of approved quality by the engineer			
	<i>In situ cement and sand (1:3) screed</i>			
a)	Floor finish with ceramic tills on 30mm thick troweled screed mixed	m ²	19	9,331
TOTAL FOR TILE WORKS TO SUMMARY				9,331
2.0	<u>EXTERNAL WORKS (ALL PROVISIONAL)</u>			
FOOTPATHS AND CAR DRIVEWAY TO THE SCHOOL				
	Sub grade preparation			
	Rip Sub grade, average 150mm deep: compact by rolling			
2.1	To drive way-	CM	8	480
	Fill layers			
	Selected natural gravel filling of 300mm: in layers of 150mm thick: compacted mechanically to 95% MDD ASHTO			
2.2	To drive way -	CM	15	1800
	<u>SLOW DRAINAGE</u>			
	Provide and lay double way precast concrete culverts of 900mm diameters 6 meters wide on well compacted marram and build all the sides with stones and cement and footpath edging kerb size 100x 50mm thick : laid on and including marram base and concrete haunching:			
2.3	Excavate trench of 2.4 x 8 x 0.6m for laying concrete culverts.	CM	23	276
2.4	Remove the excavated materials and spread along the excavated trench to protect the side of the trench	CM	15	180

2.5	Build the sides of culverts and 1500mm length on all the both sides of culverts with stones and cement mix 1:3.	CM	85	425
2.6	Supply and lay 900mm x 1000mm the substructure and compact the sides of the trench and fill 300mm thick good marram compacted in layers of 150mm to a density of 95%.	No	650	3900
	Selected natural gravel filling of 300mm: in layers of 150mm thick: compacted mechanically to 95% MDD ASHTO			

2.7	Supply and fill around the substructure and compact the sides of the trench and fill 300mm thick good marram compacted in layers of 150mm to a density of 95%.	124.8	CM	15	1872
Total External Works to Main Summary 1					8933
Rainwater Disposal (All Provisional)					
MS rainwater fittings					
3.1	18 Gauge 150x150mmgalvanized iron gutter complete with connection pipes to hand washing tank attached to the toilet. As detailed in the drawings	M	8	40	320
Extra Over for:					
3.2	Swan neck UPVC fitting	No	2	45	90
3.3	Rainwater shoe UPVC fitting; draining to surface tank m/s	No	2	45	90
TOTAL FOR RAOD AND DRAINAGE TO SUMMARY:					9433
TOTAL FOR TILE WORKS TO SUMMARY					9,331.40
TOTAL FOR RAOD AND DRAINAGE TO SUMMARY:					9,433.00
GRAND TOTAL					18,764.40