

Project: Drainage (using Hume Pipes) and Retaining Wall Works at Jorpati Ext at SanoThimi

Location: SOS Children's Villages Nepal, SanoThimi

ABSTRACT OF COSTS							
S. N.	PARTICULARS	QUANTITY	UNIT	RATE IN FIGURE (NPR)	RATE IN WORDS (NPR)	AMOUNT (NPR)	REMARKS
1.0	EXCAVATION WORKS						
	Excavation in foundations in all type of soils for foundation, trenches, footing, pits etc. to the required depth including dewatering by manual or mechanical means etc. as per specifications with all contractor's own machinery and equipment's, providing crossing of track, shoring, strutting, timbering and buttressing with appropriate materials and all such measures necessary to retain in position the sides of the foundation pit and including refilling the excavated material with watering, ramming, leveling the site and disposing off the surplus/unusable earth to outside the construction premises, etc. all complete as per drawings, specifications and instructions of the Engineer.	10,178.00	CU.FT.			-	
2.0	BACKFILLING WORKS						
	Back filling in foundation and sides of foundation with approved soil obtained from the excavation at site and stacked at site or brought from outside in layer not exceeding 15 cm thick (compacted thickness) including transportation of soil, spreading in required line and level, sprinkling water, ramming, compacting with mechanical rammers, testing, etc., all complete as per drawing, specification and instructions of the Engineer.	4,071.20	CU.FT.			-	
3.0	STONE SOLING WORKS						
	Providing and laying uncoursed hand packed Dry Rubble Stone soling in foundation, under floor plinth with out any special dressing of stone including filling interstices with suitable quarry waste or stone chips or quarry sand, watering, compacting using appropriate mechanical compaction means with all contractors materials, handling, placing etc. all complete as per drawings, specifications and instruction of the Engineer. The complete item including all lead & lift.	406.75	CU.FT.			-	
4.0	PCC WORKS (1:2:4)						
	Providing and laying machine mixed Plain Cement Concrete of nominal mix 1:2:4 (1 cement : 2 sand : 4 coarse aggregate) for leveling course in foundations and under floor of building, etc. in all level with broken stone aggregate of size not more than 25 mm of approved quality including formwork wherever necessary, dewatering, batching, mixing, transporting, placing, compacting, curing, including all lead and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	134.23	CU.FT.			-	
5.0	GEO-TEXTILE ALONG RETAINING WALL						
	Providing and Laying in position geotextile fabric between the contact surface of graded gravel filter and backfill soil, all complete as per drawings, specification and instruction of the Engineer.	357.50	SQ.FT.			-	
6.0	STONE MASONRY WORKS (1:6 C:S) FOR RETAINING WALL						
	Providing and laying Random Rubble stone masonry works in foundation and above plinth for Retaning Wall in 1:6 (1 cement : 6 sand) cement mortar including providing through/bond stone at required interval including providing single or multi-stage self standing weep holes at 1000mm c/c, scaffolding, curing, protection, etc., all complete as per drawings, specifications and instruction of the engineer.	834.76	CU.FT.			-	
7.0	POINTING WORKS (1:3 C:S)						
	Providing and applying at all levels Pointing Works in Cement Mortar 1:3 (1 cement: 3 fine sand) on the face of stone masonry wall including mixing mortar, laying in perfect line, level and plumb and finishing in regular and even surface ,all complete as per drawing , specification and instruction of the Engineer.	357.50	SQ.FT.			-	

8.0	BRICK MASONRY WORKS (1:4 C:S) FOR MANHOLE					-	
	Providing and laying first class chimney fired brick one or more brick thick wall in cement mortar 1:4 (1 cement: 4 coarse sand) in foundation up to plinth, superstructure and other specified places in all heights and level including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.	472.50	CU.FT.			-	
9.0	PLASTER WORKS (1:4 C:S)					-	
	12.5.mm thick cement and sand plaster work of mix 1:4 (1 cement: 4 sand) in concrete surface, ceiling surface at all height including mixing mortar, laying in perfect line, level and plumb and finishing in regular and even surface including all necessary single or multi-stage scaffolding, providing and fixing 200 mm wide 24 gauge GI Chicken wire mesh at junction of R.C.C. and masonry, making grooves and recesses, throating, dusting, dripping, wetting, curing, protection, etc. all complete as per drawing , specification and instruction.	1,260.00	SQ.FT.			-	
10.0	MANHOLE COVER					-	
	Readymade CI manhole cover, installation all complete as per the instruction of the Engineer.	7.00	NO.			-	
11.0	HUME PIPE WORKS					-	
	Light Duty NP2 RCC Pipe, Ø= 18", thickness= 40mm, length per piece= 2.5m, all complete including collar fitting, laying, as per drawing, specifications and instructions of the Engineer.	42.00	NO.			-	
12.0	MISCELLANEOUS					-	
12.1	Labour charge for transporting Hume Pipes	42.00	NO.			-	
12.2	Labour charge for transporting Boulder/stone	834.76	CU.FT.			-	
TOTAL AMOUNT						-	NPR
ADD VAT 13%						-	NPR
TOTAL AMOUNT INCLUDING VAT						-	NPR