

## BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED, NAMRUP

## CIVIL ENGINEERING DEPARTMENT

Name of work: Temporary arrangement for Strengthening of Existing RCC barrier at River Near BVFCL factory

## BILL OF QUANTITY / SCHEDULE OF RATES

Sl. No	Description of items	Unit	Qty	Estimated	
				Rate (₹)	Amount (₹)
1	Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual means over areas (exceeding 30 cm in depth, 1.50M in width as well as 10 Sqm on plan) including disposal of excavated earth lead up to 50M and lift upto 1.50m and disposed earth to be levelled and neatly dressed : (a) All kind of soil	Cum	50		
2	Filling available excavated earth (including available rock) in trenches, plinth sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering lead upto 50m and lift upto 1.50m	Cum	100		
3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Cum	10		
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	2		
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. (a) Mild steel and Medium Tensile steel bars	Kg	200		
6	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 river sand : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	Cum	10		
7	Centering and shuttering including strutting, propping etc and removal of form work for: (a) Foundations, footings, bases of columns, etc. for mass concrete	Sqm	250		
8	Engagement of Mechanical excavator (Tyremounted) with bucket capacity of 0.30 CUM including the cost of fuel, lubricant, driver & helper.	Hrs	40		
9	Placement of tied HDPE bags filled with river bed materials including the cost of tying rope & collection of HDPE bags from factory area as per the direction of EIC.	Each	3000		
10	Engagement of manpower for miscellaneous civil work as per the direction of Engineer-In-Charge.	Each	150.00		
Total Ex. GST					-