

BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED, NAMRUP

CIVIL ENGINEERING DEPARTMENT

Name of work :: Renovation of the existing room in Jackwell for installing Capacitor bank

BILL OF QUANTITY / SCHEDULE OF RATES

Sl No	Description of items	Unit	Qty	Quoted Rates		
				Rate in Figure (Rs)	Rate in words (Rs)	Amount in (Rs)
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	Cum	6.00			
2	Filling available excavated earth (excluding 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	6.00			
3	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m. (a) All kinds of soil	Sqm	150.00			
4	Providing and laying in position cement concrete of specified grade CC 1 : 4 : 8 (1 Cement : 4 river sand : 8 Stone aggregate 40 mm nominal size) excluding the cost of centering & shuttering - All work upto plinth level	Cum	1.40			
5	40 mm cement concrete flooring 1:2:4 (1 cement : 2 river sand : 4 stone aggregate 12.50 mm nominal size) finished with a floating coat of neat cement including cement slurry but excluding the cost of nosing of steps etc. complete	SQM	25.00			
6	Pucca brick work in foundation and plinth using common burnt clay local best quality bricks in cement mortar 1: 6 (1 cement : 6 river sand) including curing etc. complete . Free supply of cement from BVFC	CUM	3.60			
7	Extra for brick work with local best quality bricks in superstructure above plint & up to floor 5 level in all shapes & sizes in cement mortar 1: 6 (1 cement : 6 river sand) including curing etc.	CUM	2.80			
8	12 mm cement plaster of mix 1 : 6 (1 cement : 6 river sand) at all height .	SQM	18.00			
9	15 mm cement plaster of mix (a) 1 : 6 (1 cement : 6 river sand) at all height	SQM	14.00			

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10	Steel work in single section fixed with or without connecting plates but including cutting, welding, hoisting, fixing in position all complete in Tee, channels & angles (<u>Required steel shall be supplied by the party</u>).	Qntl.	2.70			
11	Renewing approved quality glass panes with putty / wooden fillets and nails where ever necessary					
	(a) 3 mm thick @ 7.50 Kg/Sqm	SQM	3.50			
12	Dismantling AC Plain or corrugated / transparent sheets in roofing including ridges, hips, valleys and gutters etc. and stacking the material within 50 m lead	SQM	36.00			
13	Providing & fixing asbestos cement 6 mm thick corrugated sheets in roofing & side cladding and fixing with GI J or L hooks, bolts & nuts 8mm dia including GI plain & bitumen washers complete at all height excluding the cost of purlins, rafters, trusses					
	(a) Height up to 5.00 M	SQM	36.00			
14	Colour washing such as green, blue or buff to give an even shade on old work (two or more coat)	SQM	120.00			
15	Colour washing such as green, blue or buff on new work with base coat of white washing with lime (two or more coats) to give an even shade	SQM	50.00			

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16	Applying priming coat with ready mixed red oxide Zinc chromate primer of approved brand & manufacture on steel galvanised iron / steel work	SQM	18.00			
17	Painting with synthetic enamel paint (two or more coats) of approved brand & manufacture in all shades to give an even shade - new wood / steel work	SQM	18.00			
18	Engagement of manpower for miscellenous civil work as per the direction of Engineer-In-Charge	Each	12.00			
19	Dismantling brick work manually / by mechanical means in cement mortar including stacking of serviceable materials and disposal of unserviceable materials upto a distance of 50 m lead as per the direction of EIC.	CUM	2.00			
20	Dismantling of wooden / MS doors, windows and clerestory windows shutters of area 3 Sqm. & below including frames; hold fast etc. complete and stacking of serviceable materials and disposal of unserviceable materials up to Township maintenance store	Each	4.00			
21	Mechanical carriage of excavated earth, dismantled building materials, grasses, shrubs and other rubbish including loading, unloading and stacking / spreading at designated site within factory premises - 20% void shall be deducted.	CUM	18.00			
	Providing & fixing GI pipes conforming to IS 1239 (Part-1) / 2004 complete with GI fittings including trenching and refilling etc. (External work):					

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22	(a) 15 mm nominal bore	RM	18.00			
	(b) 20 mm nominal bore	RM	18.00			
	(c) 25 mm nominal bore	RM	6.00			
23	Making connection GI distribution branch with main, by providing & fixing tees, nuts etc. including cutting and threading the pipes, testing etc. complet.					
	(a) 25 mm to 40 mm Nominal Bore	Each	1.00			
24	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end)					
	(a) 25 mm nominal bore	Each	1.00			
25	Providing & fixing the following fittings in existing GI pipe lines, cutting & threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete where ever required:					
	(a) GI union socket -					
	(I) 15 mm nominal bore	Each	1.00			

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	(ii) 20 mm nominal bore	Each	1.00			
26	Providing & fixing PVC bib cock of approved quality	Each	1.00			
27	Supply of cement (OPC / PPC) confirming to IS- 269 / 2015 or IS-8112/1989 / IS- 1489 in 50 Kg. HDPE bags to Facotory area.	MT	1.00			
	Total Amount excluding GST					
	Add 9 % SGST					
	Add 9 % CGST					
	Total Amount including GST					

Rupees:-.....