

Office of The Deputy Conservator of forest, Ajmer

Detail-Estimate

Name Of Work :- Construction of Pucca Wall Fencing (6 feet height)

Forest Block :-

Year :-

GPS :-

Labour Rate 259/-

Scheme :- FCA

Length :- 1000 RMT

Amount :-

VFPMC :-

Sr. No.	BSR item	Item	no.	L	B	D/H	unit	Quantity	Rate	Amount
1	ccf banas/vi /B/1/(i)	Earth work of excavation in foundation trenches or drains inclusive of dressing of side and ramming of bottom, lift up to 1.5 m including stacking out the excavated soil and depositing and refilling of jhiri with watering and ramming and disposal of surplus excavated soil as directed with lead of 50 m in soft/loose soil.								
		Wall	1	910	0.5	0.45	cum	204.75		
		Pillars	200	0.45	0.65	0.45	cum	26.325		
		total						231.075	154.8	35770
2		foundation								
A	CCF Banas IV / 1	laying cement concrete, well mixed in cement mortar, in foundation including ramming, curing etc. Complete in all respect, using stone grit 40 mm nominal size in ratios 1:4:8								
		Wall	1	910	0.5	0.15	cum	68.25		
		Pillars	200	0.45	0.65	0.15	cum	8.78		
		total						77.03	769	59232
B	CCF Banas V / 1.A	Random Rubble stone masonry with hard stone in cement sand mortar including curing and mixing of mortar in Foundation in ratio 1:6								
		Wall	1	910	0.5	0.3	cum	136.50		
		Pillars	200	0.45	0.65	0.3	cum	17.55		
		total						154.05	935.5	144114
3		Superstructure								
A	CCF Banas V / 1.B	Random Rubble stone masonry with hard stone in cement sand mortar including curing and mixing of mortar in superstructure in ratio 1:6								
		Pillars	200	0.45	0.53	1.8	cum	85.86		

		Boundary wall	1	910	0.38	1.8	cum	622.44		
		Total						708.30	1144.5	810649
4		Plaster work								
	CCF Banar IX / 1	25 mm thick cement plaster on new surface of walls / structure in two coats including smooth finishing in cement mortar 1:4 including curing etc. Complete								
A		Pillers side	400	0.15		1.8	sqm	108.00		
B		Pillers face	400	0.45		1.8	sqm	324.00		
		total					total	432.00	116.4	50285
5	CCF Banar IX / 2	pointing work								
		Pointing on stone masonry in cement sand mortar in 1:3								
		Wall	2	910		1.8	sqm	3276.00	117.1	383620
6	CCF Banar IV / 1	laying cement concrete, well mixed in cement mortar, in foundation including ramming, curing etc. Complete in all respect, using stone grit 40 mm nominal size in ratios 1:2:4								
		10mm nominal size Wall Top	1	910	0.38	0.05	cum	17.29		
		Pillar top	200	0.45	0.53	0.05	cum	2.39		
		total						19.68	769	15130
7	CCF BANAS CH II 1	Breaking of rubble stone suitable for masonry work, size not less than 23 cm and weight 37.5 kg including stacking as per direction of site incharge with lead up to 50 m								
		random rubble stones					cum	983.08	540.8	531649
		40mm aggregate					cum	73.94	462.5	34199
		10mm aggregate					cum	17.71	1057	18717
8	CCF BANAS CH VII I B iv	transportation of all construction material by manual or mechanical transport including loading unloading and stacking up to 11 km (from forest area)					cum	1074.73	267.5	287490
9	CCF BANAS CH VII B ix	collection and transportation of medium coarse sand Lead 55 km (from forest area)					cum	382.34	1079.25	412641
10	CCF Banar VII / 2A	carriage of water for masonry work and concrete work including filling and emptying with lead up to 4 km					cum	959.05	362.8	347943

11	CCF Banas VII / 3A	Carriage of water for plaster work including filling and emptying with lead up to 4 km					sqm	3708.00	43.4	160927
12	LS	cost of cement bags					per	1503	260	390780
13	CCF Banas VII/II 5,6	Loading and unloading of cement bags including stacking at store					per	1503	11.2	16834
		Misc								30019
		Grand total								3730000

One Thousand Meter wall 6 feet height construction cost(259/- Labour Rate)

Note :- All rates are according to CCF Ajmer , CCF Banas and CCF Jaipur

Development of Bewar Masuda- Goyala Road , Section of SH-26A From Km. 2+550 to Km. 72.400, in the state of RajasthanFP/RJ/ROAD/21332/2016 Area 4.9696Ha.		
1	Khimpura PF Block	Total Length 2250x2=4500 Meter
2	Charted Beed PF Block	Total Length 900x2=1800 Meter
	Grand Total	6300 RMT
	One Thousand RMT Cost	3730000/-
	So All over cost of Total wall construction Both sides	23499000/-

Approved

Deputy Conservator of Forest
Ajmer