

# Office of The Deputy Conservator of forest, Aimer

## 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		
		<b>total</b>						<b>231.075</b>	<b>154.8</b>	<b>35770</b>
2		<b>foundation</b>								
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		
		<b>total</b>						<b>77.03</b>	<b>769</b>	<b>59232</b>
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		
		<b>total</b>						<b>154.05</b>	<b>935.5</b>	<b>144114</b>
3		<b>Superstructure</b>								
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	1.2	cum	57.24		
		Boundary wall	1	910	0.38	1.2	cum	414.96		
		Total						472.20	1144.5	540433
4		<b>Plaster work</b>								
	CCF Banas 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		Pillars side	400	0.15		1.2	sqm	72.00		
B		Pillars face	400	0.45		1.2	sqm	216.00		
		<b>total</b>					total	288.00	116.4	33523
5		<b>pointing work</b>								
	CCF Banas IX / 2	Pointing on stone masonry in cement sand mortar in 1:3								
		Wall	2	910		1.2	sqm	2184.00	117.1	255746
6		laying cement concrete, well mixed in cement mortar, in foundation including ramming, curing etc. Complete in all respect, using stone grit 40 mm/20mm nominal size in ratios 1:2:4 (use 10mm nominal size)								
	CCF Banas IV / 1	Wall Top	1	910	0.38	0.05	cum	17.29		
		Pillar top	200	0.45	0.53	0.05	cum	2.39		
		<b>total</b>						19.68	769	15130
7		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								
	CCF BANAS CH II 1	random rubble stones					cum	713.93	540.8	386091
		40mm aggregate					cum	73.94	462.5	34199
		10mm aggregate					cum	17.71	1057	18717
8		transportation of all construction material by manual or mechanical transport including loading unloading and stacking up to 11 km ( from forest area )					cum	805.58	267.5	215492
9		collection and transportation of medium coarse sand Lead 55 km ( from forest area )					cum	288.11	1079.25	310941

10	CCF Banas VII / 2A	carriage of water for masonry work and concrete work including filling and emptying with lead up to 4 km					cum	722.95	362.8	262286
11	CCF Banas VII / 3A	Carriage of water for plaster work including filling and emptying with lead up to 4 km					sqm	2472.00	43.4	107285
12	LS	cost of cement bags					per	1503	355	533565
13	CCF Banas VII/II 5,6	Loading and unloading of cement bags including stacking at store					per	1503	11.2	16834
		Misc								30019
		<b>Grand total</b>								<b>2999377</b>


**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**

Note : All rates are according to Govt. Order, Govt. Rates and Govt. Estimate.

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	Both Sides
		Grand Total	4500 RMT	
		One Thousand RMT Cost for 4 feet wall	3000000/-	
Both sides			<b>13500000</b>	

Approved

  
 Deputy Conservator of Forest  
 (Ajmer)  
 उप वन संरक्षक  
 अजमेर