

# कार्यालय प्रधान मुख्य वन संरक्षक, (हॉफ), राजस्थान, जयपुर

दिनांक:- 06/12/22 क्रमांक एफ 3(13)प्रमुवसं/ट्री/तक0/21-22/590-605 निमित.

1-परियोजना निदेशक, आर.एफ.बी.पी.-2 जयपुर।

2- समस्त सम्भागीय मुख्य वन संरक्षक जयपुर/अजमेर/भरतपुर/कोटा/ उदयपुर/बीकानेर/जोधपुर/(वन्यजीव) जयपुर/कोटा/उदयपुर/ सवाईमाधोपुर/सरिस्का/जोधपुर/विभागीय कार्य जयपुर

विषय:--नवीन मॉडल कॉस्ट नोर्म्स न्यूनतम श्रमिक दर रू. 259/- एवं सामग्री दर 2021

महोदय,

उपरोक्त विषयान्तर्गत निवेदन है कि श्रमिक दर 259/-रूपये प्रति दिन के आधार पर प्राप्त हुए वृक्षारोपण मॉडल राज्य स्तरीय मॉडल कमेटी की अनुशंषा पर प्रधान मुख्य वन संरक्षक, (हॉफ) राजस्थान, जयपुर के अनुमोदन उपरान्त संलग्न कर आवश्यक कार्यवाही हेतु प्रेषित किये जा रहे हैं।

- (a) ANR (25 ha)
- (b) RDF-I (25 ha)
- (C) RDF-II (25 ha)
- (d) Eco-restoration (25 ha)
- (e) Eco-restoration (50 ha)
- (f) Forest Guard Chowki
- (g) Boundary Pillar

उक्त सभी मॉडल विभागीय वेबसाइट के निम्न लिंक पर उपलब्ध है।

http;//www.forest.rajasthan.gov.in/content/raj/forest/en/forest,department/departmental-wings/forest-development/model-fordevelopmental activities.htm

संलग्न-मॉडल की प्रति।

मुख्य वन सरक्षक (आयोजना) राजस्थान, जयपुर।

### **Model Cost Norms ANR (Assisted Natural Regeneration)**

**UNIT**: 25 Ha PERIMETER: 90 M/Ha. LABOUR RATE: Rs.259. /Day COST ESTIMATE: in Rs./Ha.

### 0 YEAR (ADVANCE ACTION)

No	ITEMS	Unit	Qty.	Rate	LABOUR	MATERIAL	TOTAL
ON.	TENIS				1208.66	101.22	1309.8
1	Collection of Data for Microplanning, preparation of microplan and management	Prorata			1200.00		
: -1	nlan				694.14	77.12	771.2
2	Survey of area, Layout of contour trenches/ furrows, Pits and marking of saments /plots	Prorata			,		
3	Enging by stone wall and or by ditch.			074.05	16737.75	0.00	16737.7
3	a). Stone wall fencing 1.20m high 0.80m at base & 0.60m at top(on an average 42	meter	45	371.95	10/3/./0		
	m/ha)		-	200.00	12631.05	0.00	12631.0
	b). Ditch fencing 1.20m deep,1.50m wide at top & 0.90m at bottom (on an average	meter	45	280.69	12031.00		1 2 3 1
	42 m/ha.)			0.00	1381.20	602.20	1983.4
4	Cost of raising 220 seedlings	Plant no.	220	9.02	1001.20	0.00	
5	Digging up Trenches:			00.00	12952.00	0.00	12952.0
а	Digging up 400 rmt Staggered Contour Trenches with cross section size:	Meter	400	32.38	12932.00		
	0.45x0.45 Sqmt.	-	200	20.27	4054.00	0.00	4054.0
6	Digging of 200 pits size: 0.45x(0.4+0.5/2)	no.	<u> </u>		214.00	214.00	428.0
7	Cost of collection and purchase of grass and other seeds of indegenous trees and	per ha	1	428.00	214.00		
	shrubs	per ha	1	4965.17	4965.17	0.00	4965.1
8	In situ Soil & Moisture Conservation measures like Check dam, Percolation	perna					
9	Tanks, Earthen Bunds etc. Purchase or Construction of Water	Prorata	1			150.00	150.0
10	Storage tank	Prorata	1		518.00	72.98	590.9
1	Construction				0.00	90.63	90.6
1	Purchase of tools and plants	Prorata			95.94	70.62	
1:		Prorata	_		1077.44	0.00	
13	Cattle quard wages for 4 months	Prorata			1295.00	0.00	
1.	Restoration of Natural regeneration by cutback cultural operation, pruning and by making crescent shaped ridges on lower	Prorata			1253.00	0.00	
-	side of seedling and saplings	Prorata	+		490.57	99.23	589.8
1	running of vehicles  TOTAL YEAR		-		58314.92	1478.00	59792.9

उप वन संरक्षक (प्रशासन)

प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंघान, शिक्षा एवं प्रसार राजस्थान, जयपुर

ग नन संरक्षक (आयोजना).

ाजस्थान, जंगपुर

1	YEAR I ( PLANTATION YEAR ) Maintenance of 220 seedling in nursery	Diant	000	0.4=1	376.92	100.90	477.8
2	Digging of 30cmx30cm cross section	Plant no.	220	2.17		0.00	910.1
	trench along inner side of stone wall fencing and seed sowing	meter	42	21.67	910.14	0.00	
3	Sowing/dibbling of seeds of grass, trees		140	0.50	256.36	0.00	256.3
	and shrubs including seeds of medicinal plants on the mounds of trench/ditch fencing.	meter	442	0.58	256.56	0.00	
4	Sowing of grass seeds including raking in the interspaces.	Prorata			587.07	0.00	587.0
5	Transportation of 200 plants from nursery to planting site	Plant no.	200	1.46	246.52	44.73	291.2
6	Planting of 200 seedlings including Refilling of pits	Plant no.	200	7.75	911.19	18.83	930.0
7	Purchase and application of insecticide and fertiliser in 200 plants	Plant no.	200	4.92	795.72	188.32	984.04
8	Making of 200 crescent shaped mounds below planted sapling after planting and dibbling of 3 seeds of throny tree species.	Plant no.	200	7.20	1440.00	0.00	1440.00
9	Weeding and Hoeing of 200 plants two times including repairing of plants mound	Plant no.	400	4.66	1864.00	0.00	1864.00
10	Weeding on contour trenches/ V-ditches and spacement / singling	Rmt	442	4.56	2015.52	0.00	2015.52
11	Restoration of Natural regeneration by cutback cultural operation, pruning and by making crescent shaped ridges on lower side of seedling and saplings	Prorata	1	1295.00	1295.00	0.00	1295.00
12	Raising of 10% Plants (20 plants) in Nursery for casualty replacement in year 2	Plant no.	20	9.02	125.56	54.75	180.3
13	Watch & ward charges for 12 months	Prorata			3230.82	0.00	3230.82
14	Construction of approach roads / inspection path	Prorata			441.27	0.00	441.27
15	Construction of gate and fixing of sign boards	Prorata			1174.14	138.88	1313.02
16	Misc. and unforeseen expences including (additional watering, hoeing, fencing and frost protection measures and running of vehicles etc.)	Prorata			1319.77	879.59	2199.36
Ť.,	TOTAL YEAR 1		2367	1358.99	16990.00	1426.00	18416.00
							9
4	YEAR 2 MAINTENANCE	Diant no	1 201	2.47	04.07	-	
2	Maintenance of 20 plants in nursery Repair of fencing	Plant no. Prorata	20	2.17	34.27 360.00	9.17	43.44
3	Casualty replacement of 20 plants (10%) including re-digging of pits, transportation, planting, watering and application of insecticides	Plant no.	20	13.42	259.00	0.00 9.42	360.00 268.42
4	Weeding and Hoeing in 200 plants two times	Plant no.	400	4.66	1864.00	0.00	1864.00
5	Watch & ward charges for 12 months	Prorata			3230.82	0.00	3230.82
6	Misc. and unforeseen expences including (additional watering, fencing and frost protection measures and running of	Prorata			472.20	128.12	600.32

ख्य वन संरक्षक (प्रशासन) प्रवाम मुख्य यन संरक्षक प्रशिक्षण, अनुसंचान, शिक्षा एवं प्रशास राजस्थान, जयपुर

vehicles etc.)

अमर सिंह गीठवाल ) ज्या वन संरक्षक (आयोजना) महत्रकान जसपुर

6367.00

6220.29

146.71

	YEAR 3 : MAINTENANCE		. in 69		3230.82	0.00	3230.82
1	Watch & ward charges for 12 months	Prorata		**************************************	472.58	128.60	601.18
2	Expenditure on Maintenance including (Repair of fencing/Structures, Subsidiary silvicultural operations, Frost Protection,	Prorata			472.50		
	etc.)		<u>.</u>		3703.40	128.60	3832.00
9 1	TOTAL YEAR 3.						
1 7 -	YEAR 4 : MAINTENANCE		1		3230.82		3230.82
1	Watch & ward charges for 12 months	Prorata		4	472.58	128.60	601.18
2	Expenditure on Maintenance including (Repair of fencing / Structures, Subsidiary silvicultural operations, Frost Protection,	Prorata	- 'A		472.50		
4	etc.)				3703.40	128.60	3832.00
	TOTAL YEAR 4.				- L	- 1	
	GRAND TOTAL		-		88932.01	3307.91	92239.92

Yearwise Cost Statement ANR (Assisted Natural Regeneration) **Total Cost** Material **Labour Cost** Rate (Rs.) Unit Qty. Item of Works No. Cost 1478 59793 58315 YEAR 0 ADVANCE ACTION 18416 1426 16990 YEAR 1 - PLANTING YEAR 6367 147 6220 YEAR 2 - MAINTENANCE I 3832 129 3703 YEAR 3 - MAINTENANCE II 3832 129 3703 YEAR - 4 MAINTENANCE III 92240 3308 88932 **Grand Total** 

नोट :- मॉडल्स कार्यस्थल विशेष पर कार्य सम्पादित कराने के लिये प्राक्कलन नहीं है वरन केवल मार्गदर्शक है। कार्यस्थल पर कार्य सम्पादित कराने के लिए कार्य स्थल की विशेषताओं / परिस्थितियों के अनुसार प्राक्कलन के आधार पर कार्य कराये जावें।

> उप वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक

प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(अमर सिंह गीठवाल ) : ख्यं यन संरक्षक (आयोजना), गजस्थान, जयपुर

### Model Cost Norms RDF I

**UNIT: 25 Ha** PERIMETER: 90 M/Ha.

LABOUR RATE: Rs.259. /Day COST ESTIMATE: in Rs./Ha.

No	0 YEAR (ADVANCE ACTION) ITEMS	Unit	Qty.	Rate	LABOUR	MATERIAL	
					1208.66	101.22	1309.8
1	Collection of Data for Microplanning,	Prorata			1200.00		
	preparation of microplan and			-			
-	management plan				694.14	77.12	771.2
2	Survey of area, Layout of contour	Prorata			094.14	, , ,	
2	trenches/ furrows, Pits and marking of					The state of	
	segments /plots						
_	Fencing by stone wall and or by ditch.						
3	Fencing by stone wan and or by anom			= 1-		0.00	16737.7
	a). Stone wall fencing 1.20m high 0.80m	meter	45	371.95	16737.75	0.00	10707
	a). Stone wall lending 1.20m high older.						
	at base & 0.60m at top(on an average		-	2 E T 10	417, 0	- 20	12631.0
	45 m/ha.)	meter	45	280.69	12631.05	0.00	12631.0
	b). Ditch fencing 1.20m deep,1.50m	motor				1 1 1	
	wide at top & 0.90m at bottom (on an						10.50.5
	average 45 m/ha.)	Plant no.	550	9.02	3453.01	1505.49	4958.5
4	Cost of raising 550 seedlings	Plant	240	2.29	361.85	187.68	549.5
5	Raising of 240 plants in 10cmX15	Plant	240	2.23			
	cm bags for planting on mounds of			-			
	trenches and V ditches(includes						
	20% extra)					0.00	-
6	Digging up Trenches :			_		0.00	12952.0
-0	a. Digging up 400 rmt Staggered Contour	Meter	400	32.38	12952.00	0.00	12952.0
•	Trenches with cross section size:			9		1 5,50	
	0.45x0.45 Sqmt.						0004.0
7	Digging of 300 pits size:	no.	300	20.27	6081.00	0.00	6081.0
-	0.45x(0.4+0.5/2) cum						100.0
8	Cost of collection and purchase of grass	per ha	1	428.00	214.00	214.00	428.0
0	and other seeds of indegenous trees	'					
	and shrubs						
9		per ha	1	4964.85	4964.85	0.00	4964.8
9	measures like Check dam, Percolation	10.000					
	Tanks, Earthen Bunds etc.		1 1			1	
	Talks, Lartiel Builds old.						
10	Construction of Thatched cattle guard	Prorata	1		518.00	72.98	590.9
1	hut.						
1		Prorata	1	11		150.00	150.0
,	storage tank						
1		Prorata			0.00		90.6
1		Prorata			95.94		166.5
1	A Cattle quard wages for 4 months	Prorata			1077.44		1077.4
	5 Restoration of Natural regeneration by	Prorata			1295.00	0.00	1295.0
1.	cutback cultural operation, pruning and			-			
1	by making crescent shaped ridges on				**		
	lower side of seedling and saplings						1845-114 a
1	6 Misc. and unforeseen expenses	Prorata			490.5	99.23	589.8
1.	including running of vehicles			100			arate and a second
-	TOTAL YEAR	0	9		62775.20	2568.97	65344.2

उप वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(अगर मिंह नोतवाल) नख्य घन संरक्षक (आयोजना). गजस्थान, जनपुर

1	YEAR I ( PLANTATION YEAR ) Maintenance of 550 seedling in nursery	Plant no.	550	2.17	942.31	252.25	1194.56
2	Maintenance of 240 plants in	Plant	240	1.37	241.80	86.69	328.49
3	10cmX15 cm bags Digging of 200 pits size	Pit	200	20.27	4053.56	0.00	4053.56
4	0.45X(0.4+0.5)/2 Cum Digging of 30cmx30cm cross section trench along inner side of stone wall	meter	42	21.67	910.14	0.00	910.14
5	fencing and seed sowing  Sowing/dibbling of seeds of grass, trees and shrubs including seeds of medicinal plants on the mounds of trench/ditch fencing.	meter	442	0.58	256.36	0.00	256.3
6	Purchase of fertilizers and	Prorata		7 =	2029.52	444.05	2473.5
7	insecticide and its application Sowing of pellets of grass seeds / pieces of seed mud cakes in between rows & pits	Prorata			586.52	0.00	586.5
8	Transportation of 500 plants from	Plant no.	500	1.58	775.63	14.98	790.6
9	nursery to planting site Planting of 500 seedlings including Refilling of pits	Plant no.	500	7.75	3875.00	0.00	3875.00
10	Transport 200 plants raised in 10 cmX15cm bags upto site including loading and unloading (upto 5 kms.)		200	0.95	189.11	0.00	189.11
11	Planting of 200 pre germinated plants, including local transport and watering		200	2.87	427.56	145.52	573.08
12	Restoration of natural regeneration by making crescent shaped mounds on the lower slope of 150 seedlings and saplings	Plant no.	150	4.73	709.85	0.00	709.8
13	Making of 500 crescent shaped mounds below planted sapling after planting and dibbling of 3 seeds of throny tree	Plant no.	500	7.20	3600.00	0.00	3600.00
14	times including repairing of plants	Plant no.	1000	4.66	4660.00	0.00	4660.00
. 15	mound Weeding on contour trenches/ V-ditches and spacement / singling	Rmt	442	4.56	2015.52	0.00	2015.52
16	the second secon	Prorata	1	1295.00	1295.00	0.00	1295.00
17	t took Director (EO mights) in	Plant no.	50	9.02	314.59	136.41	451.00
18	Watch & ward charges for 12 months	Prorata			3230.82	0.00	3230.82
19	I abour hut etc	L+_1			375.48	40.66	416.14
20	Construction of approach roads /	Prorata			441.27	0.00	441.27 1313.02
21	Construction of gate and fixing of sign boards	Prorata			1174.14	138.88	5499.07
22	Misc. and unforeseen expences including (additional watering, hoeing, fencing and frost protection measures and running of vehicles etc.)	Prorata			3300.00	2199.07	
1	TOTAL YEAR		5017	1384.38	35404.18	3458.51	38862.69

उप वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंघान, शिक्षा एवं प्रसार राजस्थान, जयपुर

अपरिश्वाला (आयोजना). १९४४ यन संरक्षक (आयोजना). १९३४ यम संरक्षक (आयोजना). YEAR 2 MAINTENANCE

- 0.1	Maintenance of 55 plants in nursery	Plant no.	55	2.17	94.23	25.22	119.45
2	Repair of fencing	Prorata	- 55		360.00	0.00	360.00
3	Casualty replacement of 50 plants (10%) including re-digging of pits, transportation, planting, watering and application of insecticides	Plant no.	50	13.44	649.56	22.47	672.03
4	Weeding and Hoeing in 500 plants two times	Plant no.	1000	4.66	4660.00	0.00	4660.00
5	Watch & ward charges for 12 months	Prorata			3230.82	0.00	3230.82
6	Misc. and unforeseen expences including ( if watering required, fencing and frost protection measures and running of vehicles etc.)	Prorata		A	472.20	128.12	600.32
	TOTAL YEAR 2				9466.81	175.81	9642.62

**YEAR 3: MAINTENANCE** 

1	Watch & ward charges for 12 months	Prorata			3230.82	0.00	
2	Expenditure on Maintenance including	Prorata			472.58	128.60	601.18
	(Repair of fencing/Structures, Subsidiary silvicultural operations, Frost Protection,		- 1		1		
1	etc.)			. 12			
1 1	TOTAL YEAR 3.				3703.40	128.60	3832.00
	YEAR 4 : MAINTENANCE						
1	Watch & ward charges for 12 months	Prorata		1	3230.82		3230.82
2	Expenditure on Maintenance including (Repair of fencing / Structures, Subsidiary silvicultural operations, Frost Protection, etc.)	Prorata	- 2 .0		472.58	128.60	601.18
* · ·	TOTAL YEAR 4.				3703.40	128.60	3832.00
	GRAND TOTAL				115053.05	6460.49	121513.54

Year wise Cost Statement RDF I

No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material	<b>Total Cost</b>
		and the same				Cost	
1	YEAR 0 ADVANCE ACTION				62775	2569	65344
2	YEAR 1 - PLANTING YEAR				35404	3459	38863
3	YEAR 2 - MAINTENANCE I				9467	176	9643
4	YEAR 3 - MAINTENANCE II				3703	129	3832
5	YEAR - 4 MAINTENANCE III				3703	129	3832
r .	Grand Total				115053	6460	121514

नोट :- मॉडल्स कार्यस्थल विशेष पर कार्य सम्पादित कराने के लिये प्राक्कलन नहीं है वरन केवल मार्गदर्शक है। कार्यस्थल पर कार्य सम्पादित कराने के लिए कार्य स्थल की विशेषताओं / परिस्थितियों के अनुसार प्राक्कलन के आधार पर कार्य कराये जावें।

उप वन रांरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(आग्रम्सिंह गोठनाल) त्रस्य यन संरक्षक (आयोजना). राजस्थान, जनमुर

# Model Cost Norms RDF II UNIT: 25 Ha

PERIMETER: 90 M/Ha. LABOUR RATE: Rs.259. /Day COST ESTIMATE: in Rs./Ha.

.No	0 YEAR (ADVANCE ACTION) ITEMS	Unit	Qty.	Rate	LABOUR	MATERIAL	TOTAL
1	Collection of Data for Microplanning, preparation of microplan and management plan	Prorata			1208.66	101.22	1309.8
2	Survey of area, Layout of contour trenches/ furrows, Pits and marking of segments /plots	Prorata			694.14	77.12	771.2
3	Fencing by stone wall and or by ditch.					, , , , , , , , , , , , , , , , , , ,	
	a). Stone wall fencing 1.20m high 0.80m at base & 0.60m at top(on an average 45 m/ha.)	meter	45	371.95	16737.75	0.00	16737.7
	b). Ditch fencing 1.20m deep,1.50m wide at top & 0.90m at bottom (on an average 45 m/ha.)	meter	45	280.69	12631.05	0.00	12631.0
4	Cost of raising 220 seedlings	Plant no.	220	9.02	1381.20	602.20	1983.40
5	Raising of 240 plants in 10cmX15 cm bags for planting on mounds of trenches and V ditches(includes 20% extra)	Plant	240	2.29	361.85	187.68	549.53
6	Digging up Trenches :					0.00	
а	Digging up 400 rmt Staggered Contour Trenches with cross section size: 0.45x0.45 Sqmt.	Meter	400	32.38	12952.00	0.00	12952.00
7	Digging of 200 pits size: 0.45x(0.4+0.5/2) cum	no.	200	20.27	4054.00	0.00	4054.00
8	Cost of collection and purchase of grass and other seeds of indegenous trees and shrubs	per ha	1	428.00	214.00	214.00	428.00
9	In situ Soil & Moisture Conservation measures like Check dam, Percolation Tanks, Earthen Bunds etc.	per ha	1	4965.17	4965.17	0.00	4965.17
10	Construction of Thatched cattle guard hut.	Prorata	1		518.00	72.98	590.98
11	Purchase or construction of water storage tank	Prorata	1			150.00	150.00
12	Purchase of tools and plants	Prorata		.10	0.00	90.63	90.63
13		Prorata			95.94	70.62	166.56
14		Prorata			1077.44	0.00	1077.44
15	cutback cultural operation, pruning and by making crescent shaped ridges on lower side of seedling and saplings	Prorata	= = = = = = = = = = = = = = = = = = = =		1295.00	0.00	1295.00
16	including running of vehicles	Prorata	1		490.57	99.23	589.80
	TOTAL YEAR 0				58676.77	1665.68	60342.45

जप वन संरक्षक (प्रशासन) प्रधान गुल्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयपुर

नुख्य वन संरक्षक (आयोजना), राजस्थान, जयपुर

1	Maintenance of 220 seedling in nursery	Plant no.	220	2.17	376.92	100.90	477.8
2	Maintenance of 240 plants in 10cmX15 cm bags	Plant	240	1.37	241.80	86.69	328.4
3	In situ Soil & Moisture Conservation measures like Check dam, Nadis, Earthen Bunds etc.	Prorata			2935.33	201.16	3136.4
4	Digging of 30cmx30cm cross section trench along inner side of stone wall fencing and seed sowing	meter	42	21.67	910.14	0.00	910.1
5	Sowing/dibbling of seeds of grass, trees and shrubs including seeds of medicinal plants on the mounds of trench/ditch fencing.	meter	442	0.58	256.36	0.00	256.3
6	Sowing of grass seeds including raking in the interspaces.	Prorata			587.07	0.00	587.0
7	Transportation of 200 plants from nursery to planting site	Plant no.	200	1.46	246.52	44.73	291.2
8	Planting of 200 seedlings including Refilling of pits	Plant no.	200	7.75	911.19	18.83	930.0
9	Transport 200 plants raised in 10 cmX15cm bags upto site including loading and unloading (upto 5 kms.)		200	0.95	189.11	0.00	189.1
10	Planting of 200 pre germinated plants, including local transport and watering	1	200	2.87	427.56	145.52	573.0
11	Purchase and application of insecticide and fertiliser in 200 plants	Plant no.	200	4.92	795.72	188.32	984.0
12	Making of 200 crescent shaped mounds below planted sapling after planting and dibbling of 3 seeds of throny tree species.	Plant no.	200	7.20	1440.00	0.00	1440.0
13	1000	Plant no.	400	4.66	1864.00	0.00	1864.00
14	1 1 1 1 1	Rmt	445	4.56	2029.20	0.00	2029.20
15	Restoration of Natural regeneration by cutback cultural operation, pruning and by making crescent shaped ridges on lower side of seedling and saplings	Prorata	1,	1295.00	1295.00	0.00	1295.00
16	Raising of 10% Plants (20 plants) in Nursery for casualty replacement in year 2	Plant no.	20	9.02	125.56	54.75	180.31
17		Prorata		K 14-44-11 2	3230.82	0.00	3230.82
18		Prorata			375.48 441.27	40.66	416.14 441.27
20	inspection path	Prorata			1174.14	138.88	1313.02
-	boards					100.00	
2	Misc. and unforeseen expences including (additional watering, hoeing, fencing and frost protection measures and running of vehicles etc.)	Prorata			1319.77	879.59	2199.36
1	Ou to TOTAL YEAR 1	and the second second	3010	1364.18	21172.96		

उप वन संरक्षक (प्रशासन) प्रवान मुख्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयपुर अगर विस्तेत्वा पुख्य वन संरक्षक (आयोजना) राजस्थान, जनग्रुर YEAR 2 MAINTENANCE

	TOTAL YEAR 2	2	=		6220.29	146.71	6367.00
6	Misc. and unforeseen expences including ( if watering required, fencing and frost protection measures and running of vehicles etc.)	Prorata	5 - L 18		472.20	128.12	600.32
5	Watch & ward charges for 12 months	Prorata	ark in T		3230.82	0.00	3230.82
4	Weeding and Hoeing in 200 plants two times	Plant no.	400	4.66	1864.00	0.00	1864.00
3	Casualty replacement of 20 plants (10%) including re-digging of pits, transportation, planting, watering and application of insecticides	Plant no.	20	13.42	259.00	9.42	268.42
2	Repair of fencing	Prorata	X & 17 11 4	terestalis.	360.00	0.00	360.00
1	Maintenance of 20 plants in nursery	Plant no.	20	2.17	34.27	9.17	43.44

YEAR 3: MAINTENANCE

	TEAR S. MAINTENANCE				
1_	Watch & ward charges for 12 months	Prorata	3230.82	0.00	3230.82
2	Expenditure on Maintenance including	Prorata	472.58	128.60	601.18
	(Repair of fencing/Structures, Subsidiary		,,		
	silvicultural operations, Frost Protection,				
	etc.)		(	-	
, <u> </u>	TOTAL YEAR 3.		3703.40	128.60	3832.00
1	YEAR 4: MAINTENANCE				
1	Watch & ward charges for 12 months	Prorata	3230.82		3230.82
2	Expenditure on Maintenance including	Prorata	472.58	128.60	601.18
e de	(Repair of fencing / Structures,				
	Subsidiary silvicultural operations, Frost				
100	Protection, etc.)				- 7
. 10-	TOTAL YEAR 4.		3703.40	128.60	3832.00
The Arthur	_los		2700110	.20.00	0002.00
- C-1	GRAND TOTAL		93476.82	3969.62	97446.44

Year wise Cost Statement RDF II

				HOHE KDI I	•		
No.	Item of Works	Unit	Qty.	Rate (Rs.)	Labour Cost	Material	<b>Total Cost</b>
4	VEAD & ABVANCE A SELECT	\$2				Cost	
	YEAR 0 ADVANCE ACTION				58677	1666	60342
2	YEAR 1 - PLANTING YEAR		. =		21173	1900	23073
3	YEAR 2 - MAINTENANCE I	II a			6220	147	6367
4	YEAR 3 - MAINTENANCE II				3703		
5	YEAR - 4 MAINTENANCE III					129	3832
				J*	3703	129	3832
a La	Grand Total		, refle	10 m	93477	3970	97446

नोट :— मॉडल्स कार्यस्थल विशेष पर कार्य सम्पादित कराने के लिये प्राक्कलन नहीं है वरन केवल मार्गदर्शक है। कार्यस्थल पर कार्य सम्पादित कराने के लिए कार्य स्थल की विशेषताओं / परिस्थितियों के अनुसार प्राक्कलन के आधार पर कार्य कराये जावें।

उप वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रशार राजस्थान, जयपुर (अमर वित र वित्य वन संरक्षक (आयोजनाः) राजस्थान, जयपुर

#### MODEL COST ESTIMATE FOR ECO- RESTORATION

Unit: 25 Ha

PERIMETER: 90 M/HA LABOUR RATE: 259/- DAY COST ESTIMATES IN Rs./ha.

rst Year S.No	Item	Unit	Qty.	Rate	Labour	Material	Total Cos
1	Survey and demarcation of area, dividing of the area in sub plot and their semi permanent demarcation and also preparation of treatement map and accordingly prepare estimate of site	Ha.	1	484.47	379.47	105	484.47
2	Fencing of Areas.			4 n - 11 7 - 11 10 0 0 0	at the state of th	decre Unital	
	A. Ditch fencing 1.20m, Deep 1.50m Wide at top and 0.80m. At bottom (on an average 25m/ha.)	Rmt	25	280.69	7017.25	0	7017.25
	B. Loose stone wall fencing 1.50 m. height, 0.80 at base and 0.60m at top (on an average 25m/ha.)	Rmt	25	464	11600	0	11600
	C. Masonary pucca wall height 1.5m., width 0.45m. With pillar having width 0.6m. Length 0.45m. At the interval of 2.25m., At forest boundary where the forest area is encroachment or mininig pron (on an average 15m/ha.)	Rmt	15	3500	21000	31500	52500
	D. Barbed Wire fencing of Height 1.5 mtr with RCC pole of height 2.1 Mtr supported by welded mesh wire (jaali) of height 1.5 mtr (on an average 25m/ha.)	Rmt	25	218	1362.5	4087.5	5450
3	Treatement of nallas by construction series of loose stone check dams and dry random rubble/earthen/Dykes/silt detention dams/ small anicuts/nadis/ MPT/PT/ Gabion structure	Prorata			9819	1494.79	11314
4	Restoration of natural regeneration by cut back cultural operation of root stock, pruning and making crescent shaped ridges on lower side of seedling and saplings.	Prorata	,		1260	0	1260
5	Eradication of weeds like juliflora /Parthenium/Lantana	Prorata		Same and the Same of	200	2300	2500
6	Digging of 400 rmt. of staggered / contionus contour trenches of cross section 45×45 cm	Meter	400	32.38	15064	1336	16400
7	Collection and purchage of seeds of indegenous trees and shurbs species & grasses and including the cost their sowing or dibbling . 4kg seeds/Ha.	No.	1		173	445	618
	construction of Thatched cattele guard hut	No.	1		518	81	599
9	Construction of apporach road, inspection path and	No.	1	200	2030	268.57	2299 858
	walking trails.  Watch and ward for 3 months	month :	相比据证法3	269.35	808	540	600
10	Purchase of sign board ,gate & their flxing.	Prorata	所為所需的4.5	100日的100日	228	104.86	333
11	Miscellaneous and unforeseen expend true.  Total	Prorata			71519.22	42312.72	113832.7
13	Contigency charges- Labour aminities, mate, nurse,				0	1269.38 43582.1	1269.38 115102.1
	water, shade etc. 5% of total	Top and			71519.22	43502.1	11515111

उप पर्न संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंघान, शिक्षा एवं प्रसार

राजस्थान, जयपुर

्व्य वन संरक्षक (आयोजना). राजस्थान, जयपुर

Second y	ear						
1	Eradication of weeds like juliflora /Parthenium/Lantana etc.	Prorata			100	1150	1250.00
	Repairing of Ditch fencing	Rmt	2.5	192	480	0	480
2	Collection and purchage of seeds of indegenous trees and shurbs species & grasses and including the cost their sowing or dibbling . 2kg seeds/Ha.	No.	1		86.5	222.5	309.00
3	Restoration of natural regeneration by cut back cultural operation of root stock, pruning and making crescent shaped ridges on lower side of seedling and saplings.	Prorata			630	0	630.00
4	Watch and ward for 12months	month	12	269.35	3232	100	3332
4	Total			数据的数据	4528.5	1472.5	6001.00
Third Year							
1	Repairing of Ditch fencing	Rmt	2.5	192	480	0	480
2	Repairing Loose stone wall fencing	,,,,,,	1.5	232	348	0	348
3	Repairing Barbed Wire fencing of Height		1.5	109	164	0	163.5
4		month	12	269.35	3232	100	3332
- 4	Total		德斯拉拉拉		4224	100	4323.5
FourthYea	r					100	2222
1	Watch and ward for 12months	month	12	269.35	3232	100	3332
1	Total	MODELLE STATE	种业的	<b>第四个</b> 的原	3232	100	3332
ifth Year	and the second s	and the section of	######################################	200 25	3232	100	3332
1	Water and Ward 1019 12 months	month	12	269.35	3232	100	3332
Frank 1	Total				86735.72	45354.6	132090.6

उप धन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रशार राजस्थान, जयपुर

अम्रश्नेतह गाँठवाल ) ख्यं दन संरक्षक (आयोजना) राजस्थान, जयपुर

#### MODEL COST ESTIMATE FOR ECO- RESTORATION

Unit: 50Ha

PERIMETER: 60M/HA LABOUR RATE: 259/- DAY COST ESTIMATES IN Rs./ha.

First Year

S.No	ltem	Uni	t Qt	v.	Rate	Labou	r Mater	ial Total Cost
1	Survey and demarcation of area and also preparation of treatement map and accordingly prepare estimate of site			1	484.4			05 484.4
2	Fencing of Areas.							
	A. Ditch 1.20m, Deep 1.50m Wide at top and 0.80m. A bottom (on an average 15m/ha.)	t Rmt		15	280.6	9 4210.3	85	0 4210.3
	B. Loose stone wall 1.50 m. height, 0.80 at base and 0.60m. At top (on an average 15m/ha.)	Rmt		15	46	4 696	60	0 6960
	C. Masonary pucca wall height 1.5m., width 0.45m. With pillar having width 0.6m. Length 0.45m. At the interval of 2.25m., on the outer forest boundary (on an average 15m/ha.)	Rmt		.5	350	2100	0 3150	0 52500
	D. Barbed Wire fencing of Height 1.5 mtr with RCC pole of height 2.1 Mtr supported by welded mesh wire (jaali of height 1.5 mtr (on an average 15m/ha.)		1		218		5 2452.5	5 3270
3	Treatement of nallas by construction series of loose stone check dams and dry random rubble/earthen/Dykes/silt detention dams/ small anicuts/nadis/ MPT/PT/ Gabion structure	Prorati			216	9819	,	
4	Restoration of natural regeneration by cut back cultural operation of root stock, pruning and making crescent shaped ridges on lower side of seedling and saplings.					971	10.7	981.7
5	Eradication of weeds like juliflora /Parthenium/Lantana etc.	Prorata				200	2300	2500
6	Digging of 400 rmt. Of staggered / contionus contour trenches of cross section 45×45 cm and width as per requirement	Meter	400		32.38	15064	1336	16400
7	Collection and purchage of seeds of indegenous trees and shurbs species & grasses and including the cost their sowing or dibbling . 4kg seeds/Ha.	No.	1			173	445	618
8	construction of Thatched cattele guard hut	No.	1	_	, F = F	259	40	299
9	Construction of apporach road, inspection path and	No.	1	n.		2030	268.57	2298.57
10		month	3	1000	150	405	45	450
11	the way the frequency of the second before a great frequency of the second of the seco	Prorata	到智慧			30	270	300
12		Prorata		7 1 2	The state of the s	228	104.86	332.86
	Total	18 1	in A		-71-0	62546.32	40372.4	102918.74
13	Contigency charges- Labour aminities, mate, nurse, water, shade etc. 3% of total cost					0	1211.17	1211.17
35%	Total	A. The				62546.32		104129.913

उप यन संरक्षक (प्रशासन) प्रधान मुख्य यन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रस्तार राजस्थान, जयपुर

(अगर भिंह गोठवाल ) ख्य वंग संरक्षक (आयोजना). राजस्थान, जयगुर

Seco	nd year						
1	Eradication of weeds like juliflora /Parthenium/Lantana etc.	Prorata			100	1150	1250.00
	Repairing of Ditch fencing	Rmt	1.5	192	Children of the Land	0	288
2	Collection and purchage of seeds of indegenous trees and shurbs species & grasses and including the cost their sowing or dibbling . 2kg seeds/Ha.	No.	1	***	86.5	222.5	309.00
3	Restoration of natural regeneration by cut back cultural operation of root stock, pruning and making crescent shaped ridges on lower side of seedling and saplings.				485.5	0	485.50
4	Watch and ward for 12months	month	12	269.35	A 995 C 5	100	3332
	Total		19 3 3 3 3 4		4192	1472.5	5664.50
Third	l Year						
1	Repairing of Ditch fencing	Rmt	1	192	192	0	192
2	Repairing Loose stone wall fencing		1	232	232	0	232
3	Repairing Barbed Wire fencing of Height		<b>1</b> 1	109	109	0	109
4	Watch and ward for 12months	month	12	269.35	3232	100	3332
	Total	Tellien.	Wild Con-		3765	100	3865
Fourt	thYear					1 -	
10	Watch and ward for 12months	month	12	269.35	3232	100	3332
	Total				3232	100	3332
Fifth	Year						
10	Watch and ward for 12months	month	12	269.35	3232	100	3332
	Total				3232	100	3332
	Grand Total				76967.32	43256.1	120323.41

उप वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(अमर डिंह नोठवाल ) ख्य वन संरक्षक (आयोजना). राजस्थान, जयपुर

### Model Estimate (Guard Chowki)

(Saintory Installation Work)

BSR : Jaipur (City Circle-2019)

di b			<del></del>		Rate	Amoun
No.	B.S.R	Particular Particular	Qty	Unit		2400
1	1.2.1	P & F Indian type white glazed vitreous china 1st quality	1 1	No	2400	2400
1		W.C. orissa pan (IS :2556 Mark) with 100 mm vitreous china				1-2-5
		P or S trap including cutting and making good the wall and				
,×		floor:				
, i		Size 530x410mm.				
_	1 20 2	WASH BASINS:	1	No	2189	2189
2	1.36.2	1.36 P & F WVC Wash basin (Ist quality IS:2556 Mark) of	) # (1 ) All			
5		11.36 P & F WVC Wash basin (ist quality is:2536 Mark) of				
1142		approved make with C.I. brackets duly painted 1 No. 15 mm				
1		C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste		T REST. F		
		coupling of approved make, P.V.C Waste pipe with PVC				
70		nut 32 mm complete including cutting & making good the				
		wall :				
*		Size 510 mm x 400 mm			2026	3936
3	1.38.9.2	KITCHEN & LAB. SINKS:	1	No	3936	3930
thu.		1.38 P & F Kitchen & Lab. Sink of approved make with C.I.				
		brackets duly painted, 40 mm C.P. waste coupling, C.P.				
		Brass chain with rubber plug, 40 mm G.I. waste pipe up-to	T			1
		floor level complete including cutting and making good the				100
		wall & floor :	1 1			
		1.0 mm thick stainless steel AISI -304 & IS 13983-1994				l de la company
9		kitchen sink of approved make as per Engineer-in-charge			3	
		with large waste coupling.				
0		Overall size Bowl size				
And I		22 x 18 x 7 20x16x7				- 15
4	1.23	P & F WVC (10 litres) low-level flushing cistern with cover.	• 1	No	753	753
5	1.44.1	P & F Bevelled edge Mirror/mirror with teak wood lipping	1	No	523	523
5	1.44.1	around of special glass of approved make as per direction				
		of Engineer-in-charge complete with 6mm thick commercial		1		
	4	ply base fixed to wooden screws & washers.	4 1		V	1. * 6.
		Size 600 x 450mm x 4 mm thick	1 1		_ =	
	1.47.1	P & F Towel Rail or Ring of approved quality/make:	1	No	425	425
6	1.47.1	C.P. brass Towel Rail elbow type with concealed screws		110	,,20	
	1.17.0	size 450mm (Heavy duty).	1	No	231	231
7	1.47.8	P & F Towel Rail or Ring of approved quality/make:		110	231	231
		C.P. Brass Towel Ring revolving type	1	No	142	142
8	1.52.2	P & F Soap Dish or Tray of approved quality/make	10	INO	142	142
	<u> </u>	C.P. brass heavy and superior quality.	1	No	342	342
9	1.55.2	P & F Bath Shower of approved quality/make.	1	NO	342	342
		C.P. brass of Heavy & superior quality 150mm.	15	No	246	F100
10	1.59	P & F Jet spray for water closet with C.P. Copper Tube	15	No	346	5190
		flange of approved make.	1	DAAT	200	200
11	2.1.1	P & F G.I. pipes (Internal Work) with G.I. Fittings	1	RMT	209	209
	la est	excluding union (IS:1239 Mark) & MS clamps				
		including cutting and making good the walls and			41.4	
		floors:			1.15	
		(a) Exposed on wall				
		2.1.1 15 mm dia nominal bore			17.564	
Ja 15		'B' Class			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
12	2.7.1	P & F Bib Cock (IS: 8931 Mark), Superior quality	4	No	271	1084
		of approved make:				
W. A.	No.	Brass 400 gm,15mm nominal bore.		300	100	
13	2.15.1	P & F Full-way Valve (IS:778 Mark) or wheel	2	No	206	412
		valve of approved make :				
	199	Gun-metal 15mm nominal bore.		and the second	the second of the second	The state of the state of

उप वर्ने संरक्षक (प्रशासन)

प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(अमर सिंह मेर्टवाल ) भुख्य वन संरक्षक (आयोजना), राजस्थान, जयपुर

14	2.26.3	P. & F PVC Storage Tank ISI Marked (IS: 12701)	1	No	3564	3564
		indicating the BIS license No), of approved make				
		with cover, 25mm dia 1M long G.I. over-flow pipe				
		& 25 Cm. long wash out pipe with plug & socket,				
		including making connection etc., complete of				
		approved design:				
310		500 litres capacity.				
15	3.16.2	RIGID PVC PIPE	3	RMT	161	483
		3.16 P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2 .)		The state of		
A		approved quality /make including joining the pipe with				
		solvent cement rubber ring and lubricant.	4.1	LA I	-18 F L	
14		75 mm dia				
16	3.16.3	RIGID PVC PIPE	6	RMT	256	1536
		3.16 P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2 .)				
15		approved quality /make including joining the pipe with				
14.0		solvent cement rubber ring and lubricant.				
		110 mm dia				
2 .0						
17	3.17.1	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved	25 1			0
		quality /make including joining the pipe with solvent cement			b.;	
		rubber ring and lubricant:			.1	
		Coupler (socket)				
		75mm dia	3	No	79	237
		110mm dia	2	No	98	196
18	3.17.3	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved				0
- 1		quality /make including joining the pipe with solvent cement				
.		rubber ring and lubricant:		8		1 4-
		Plain Tee	.4			111
		75mm dia	1	No	104	104
		110mm dia	0	No	170	0
19	3.17.4	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved	1	No	194	194
		quality /make including joining the pipe with solvent cement				
		rubber ring and lubricant:			-	
		Door Tee				W
à l	- 1	110mm dia			= 1	
20	3.17.9	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved				0
	, ,= ,,,,,,	quality /make including joining the pipe with solvent cement	_	-		0
		rubber ring and lubricant:		-	- 1	
		Bend 87 .5				
		75mm dia	4	No	88	352
	*	110mm dia	1	No	146	146
21	3.17.23	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved	3	No	347	1041
	-	quality /make including joining the pipe with solvent cement				
	F	rubber ring and lubricant:	"		i	
		P- Trap			## ## ## ## ## ## ## ## ## ## ## ## ##	
		110mm dia		2 1112	*	
22		VENT COWER	1	No	51	51
23	.3.24.1	Construction of Soakage well in all types of soil of	1	No	4948	4948
	-	approved drawing, top 90 Cm .Portion in 450mm thick			222	
		masonry with CM 1:6, 80 mm thick stone slab covering,				
	1.47	jointing of slab in CM 1:3 ,Ralthal, kharanja 40mm thick M-				
		15 grade C.C flooring, earth work etc. complete including				
	2 8 5 6 6	disposal of surplus earth within a lead of 50 mtr ,				
		Inner dia 90 Cm & 10 to 12 Mtr deep.				N. T.
	Cartine Line		otal	Control Care	1 15 T No. 170	30688

उप दन संरक्षक (प्रशासन) प्रधान युका वन संरक्षक प्रशिद्धण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(अध्यक्तिह गोठवात ) मुख्य वन संरक्षक (आयोजना) राजस्थान, जयपुर

## Model Estimate (Rain Water harvesting Structure/Water Tank)

S.No.	B.S.R	Particular	1 11-	<del></del>						rcle-2019
1	1.6	Earth work in excavation by mechanical means (Hydraulic excavator )/	No	L	В	Н	Qty	Unit	Rate	Amoun
	11 7 12	The state of the s	3.14	1.65	1.65	3.3	28.21	Cum	159	4485
		well as to som on plan) including disposal of excavated careboards		100	J 3			i a		- 67
21 6	4.0	upto 50m and lift upto 1.5 m , disposed earth to be levelled and neatly	-1			H - 1			9 42	
		dressed:		-					H = "	
		All kinds of soil						-		
2	3.1.6	Providing and laying in position cement concrete including curing,								100
		compaction etc. complete in specified grade excluding the cost of	3.14	1.65	1.65	0.2	1.71	Cum	3002	5133
1		centering and shuttering - All work up to plinth level.			1	ME -				100
	75.5	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm			1	- X		1	i ii	
		mominai size).			-	1.18				1 1
- 3	3.1.3	Providing and laying in position cement concrete including curing,	3.14	2.95	2	0.45	-	-		
		compaction etc. complete in specified grade excluding the sect of	3.14	2.95	3	0.15	4.17	Cum	4131	17219
7		centering and shuttering - All work up to plinth level			1					
.		M15 grade Nominal Mix					1			
		1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm								
		moninal size).		1 = 1						
4	4.10.1	Centering & shuttering with plywood or steel sheets including	2	2 1 4	2.05	_				
	_	strutting, propping bracing both ways with steel props and removed	2	3.14	2.95	3	55.58	Sqm	263	14617
- 1		of formwork for upto floor five level for :		1						
. 1		Walls (any thickness) including attached pilasters								
		buttresses plinth and string course.							l	1
5	10.16	Stone slab roofing on ground floor with fine grained stone slab from	1	3.14	1.5	1.5	7.07			
		approved quarry including filling of joints of paranet and slab on both	1	5.14	1.5	1.5	7.07	Sqm	1498	10583
- 1		sides in cement sand mortar 1:4, with ceiling pointing in cement					1			
		sand mortar 1:3 complete as per specification and instruction of				- 1			- 1	
		Engineer In Charge					4 5 7 1	1		
6	6.18.1	Supplying and fixing stone lintels/bed plates of approved quarry rough				_			,,	
		dressed in cement mortar 1:4:	2	3	0.23	0.1	0.14	Cum	8746	1207
		Upto 15 cm. thick.								
7										
'		Supplying & Fixing R.C.C. Manholes covers with frame of					1.00	No	290	290
		approved make (Light duty).								
		Size 450 X 450mm								
		Total								53535

उप पन संरक्षक (प्रशासन)

प्रधान मुख्य वन संरक्षक प्रविदान, अनुसंधान, शिक्षा एवं प्रसार

राजस्थान, जयपुर

(अमर विहे केंद्रियात ) मुख्य वन संरक्षक (आयोजना). राजस्थान, जयपुर

#### Model Estimate (Guard Chowki)

.No.	B.S.R	Particular	No	L	В	H	Oty	Unit	Rate	Amount
1	1.6	Earth work in excavation by mechanical means (Hydraulic excavator )/ manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly								
ŀ		dressed. All kinds of soil				1 611				i i
			1	3.28	0.9	1.05	3.10		44	Jan 15
-	3 1 50		2	4.19	0.9	1.05	7.92			
			1	2.67	0.9	1.05	2,52			-
	-		2	2.06	0.9	1.05	3.89	7		
			2	4.5	0.9	1.05	8.51			
			2	5.11	0.9	1.05	9.66			
			1	3.28	0.9	1.05	3.10			
			2	2.67	0.9	1.05	5.05			
			1	4.19	0.9	1.05	3.96			
	4.5		1	2.06	0.9	1.05	1.95			
		Total	_	1			49.65	Cum	159	7894
2	3.1.6	Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).							. 1	
	1		1	3.28	0.9	0.20	0.20			
			2	4.19	0.9	0.20	1.51			
-	<b> </b>		1	2.67	0.9	0.20	0.48			
	. 101001	Z Silver and Silver an	2	2.06	0.9	0.20	0.74			
	- 91.0	G. Star Kara C. 1961 at 1971 at 1971	2	4.5	0.9	0.20	1.62			
	72 1	224	2	5.11	0.9	0.20	1.84			
_			1	3.28	0.9	0.20	0.59			
		·	2	2.67	0.9	0.20	0.96			_
	-		1	4.19	0.9	0.20	0.75			_
	-		1	2.06	0.9	0.20	0.73	-		_
	Alexander and		11	12.06	0.9			1		
3	6.1.6	Tota Random Rubble stone masonry for with hard stone in foundation and					9.07	Cum	3002	2721
3	6.1.6	Tota Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-		3.28	0.75	0.40		Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).			0.75 0.75		9.07	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).	1 1	3.28	_	0.40	9.07 0.98	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).	1 1 2	3.28 4.19	0.75	0.40	9.07 0.98 2.51	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).	1 1 2 1	3.28 4.19 2.67	0.75 0.75	0.40 0.40 0.40	0.98 2.51 0.80	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).	1 1 2 1 2	3.28 4.19 2.67 2.06	0.75 0.75 0.75	0.40 0.40 0.40 0.40	0.98 2.51 0.80 1.24	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).	1 1 2 1 2 2 2	3.28 4.19 2.67 2.06 4.5	0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40	0.98 2.51 0.80 1.24 2.70	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).	1 1 2 1 2 2 2 2	3.28 4.19 2.67 2.06 4.5 5.11	0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40	0.98 2.51 0.80 1.24 2.70 3.07	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).	1 1 2 1 2 2 2 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28	0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40	0.98 2.51 0.80 1.24 2.70 3.07 0.98	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).	1 1 2 1 2 2 2 1 2 2 1 2 2	3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67	0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40	0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:  Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 2 1 2 2 2 2 1 2 1 1 1 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67 4.19	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40	0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).	1 1 2 1 2 2 2 2 1 2 1 1 1 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67 4.19 2.06	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40	9.07 0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:  Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 2 1 2 2 1 1 2 1 1 1 1 1 1 1 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67 4.19 2.06 3.28	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40	9.07 0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:  Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 1 2 1 2 2 2 2 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67 4.19 2.06 3.28 4.19	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40	0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:  Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 2 2 2 2 2 1 1 2 2 1 1 1 1 1 1 1 2 1 1 1 1 1 2 1 1 1 1 1 1 2 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67 4.19 2.06 3.28 4.19 2.67	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40	9.07 0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.72	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:  Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	2 1 2 2 2 1 1 2 1 1 1 1 1 2 1 1 2 2 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67 4.19 2.06 3.28 4.19 2.67 2.06	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40	9.07 0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.72 1.11	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:  Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	2 1 2 2 2 1 1 2 1 1 1 1 1 1 2 1 1 2 2 2 2 2 2 1 1 2 2 1 1 2 2 1 1 2	3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67 4.19 2.06 3.28 4.19 2.67 2.06 4.5	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40	9.07 0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.72 1.11 2.43	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:  Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 2 1 2 2 2 2 1 1 2 2 1 1 1 1 1 1 2 2 1 2	3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67 4.19 2.06 3.28 4.19 2.67 2.06	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40	9.07 0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.72 1.11 2.43 2.76	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:  Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 2 1 2 2 2 2 1 1 2 2 1 1 2 2 1 1 2 2 2 2 2 2 1 1 2 2 2 2 2 1 1 2 2 2 2 2 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67 4.19 2.06 4.5 2.06 4.19 2.67 2.06 4.5 3.28 4.19 2.67 2.06 4.19 3.28	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40	9.07 0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.66 0.62 0.89 2.26 0.72 1.11 2.43 2.76 0.89	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:  Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 1 2 2 1 1 2 2 1 1 1 2 2 1 1 1 2 2 2 2 2 2 1 1 2 2 2 2 2 1 1 2 2 2 2 2 2 1 1 2 2 2 2 2 2 1 1 2 2 2 2 2 2 2 1 2	3.28 4.19 2.67 4.5 5.11 3.28 2.67 4.19 2.06 3.28 4.19 2.67 5.11 3.28 4.19 2.67 4.5 5.11 3.28 4.19 2.67	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.45 0.45 0.45 0.45 0.45 0.45	9.07 0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 0.62 0.89 2.26 0.72 1.11 2.43 2.76 0.89 1.44	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:  Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 2 2 1 2 2 1 1 1 1 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 1 1 1 1 1 2 2 1 1 2 2 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67 2.06 3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67 2.06 4.5 3.28 4.19 2.67 2.06 4.5 4.19 2.07 2.08 4.5 3.28 4.19 4.19 4.19 4.19 4.19 4.19 4.19 4.19	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.60	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.45 0.45 0.45 0.45 0.45 0.45 0.45	9.07 0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.72 1.11 2.43 2.76 0.89 1.44 1.13	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 2 2 1 2 2 1 1 1 1 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 1 1 1 1 1 2 2 1 1 2 2 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67 4.19 2.66 4.5 2.06 4.5 2.06 4.5 2.06 4.19 2.67 2.06 4.5 2.67 2.06 4.19 2.67 2.06 4.19 2.67 2.06 4.19 4.19 4.19 4.19 4.19 4.19 4.19 4.19	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.60	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45	9.07 0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.72 1.11 2.43 2.76 0.89 1.44	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 2 2 1 1 2 2 1 1 1 1 2 2 1 1 2 2 2 2	3.28 4.19 2.67 2.06 4.5 5.11 2.06 3.28 4.19 2.06 4.5 5.11 3.28 2.67 4.19 2.06 4.5 5.11 3.28 4.19 2.06 4.5	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40	9.07 0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.89 2.76 0.89 1.41 2.43 2.76 0.89 1.43 1.56 0.79	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 1 2 2 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 4.19 2.06 4.5 5.11 3.28 4.19 2.67 4.19 2.67 4.19 2.67 4.19	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.40 0.45	9.07 0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.76 0.89 1.44 1.11 2.43 2.76 0.89 1.44 1.11 2.43 2.76 0.89 1.27 0.27	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 1 2 2 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 4.19 2.06 3.28 4.19 2.67 4.19 2.67 4.19 2.67 4.19 2.67 4.19 2.67	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.40 0.45	9.07  0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.72 1.11 2.43 2.76 0.89 1.44 1.13 0.56 0.79 2.01	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 2 1 2 2 2 2 1 1 2 2 2 1 1 2 2 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 4.19 2.06 3.28 4.19 2.67 4.19 2.06 3.28 4.19 2.67 4.19 2.06	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.60 0.60 0.60	9.07  0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 0.62 0.89 2.26 0.72 1.11 2.43 2.76 0.89 1.44 1.13 0.56 0.52 0.70 0.64 0.99	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 2 1 2 2 2 2 1 1 2 2 1 1 2 2 1 1 1 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 2.67 4.19 2.66 4.5 5.11 3.28 4.19 2.67 4.19 4.19 4.19 4.19 4.19 4.19 4.19 4.19	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45	9.07  0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.72 1.11 2.43 2.76 0.89 1.44 1.13 0.56 0.79 2.01 0.64 0.69 2.16	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 2 2 2 2 1 1 1 1 1 2 2 2 2 1 1 2 2 1 1 1 1 1 2 2 2 2 2 1 1 2 2 2 2 2 1 1 2 2 2 2 2 1 1 2 2 2 2 2 2 1 1 2 2 2 2 2 2 2 1 1 2	3.28 4.19 2.67 2.06 4.5 5.11 2.06 3.28 4.19 2.06 4.5 5.11 3.28 4.19 2.06 4.5 5.11 3.28 4.19 2.06 4.5 5.11 3.28 4.5 5.11 3.28 4.5 5.11 4.5 5.11 4.5 5.11 5.11 5.11 5.	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.60 0.60 0.60 0.60 0.60	9.07  0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.72 1.11 2.43 2.76 0.89 1.44 1.13 0.56 0.79 2.01 0.64 0.99 2.16 2.45	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 1 2 2 2 2 1 1 2 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 2 2 1	3.28 4.19 2.67 2.06 4.5 5.11 2.06 3.28 4.19 2.06 4.5 5.11 3.28 2.67 2.06 4.5 5.11 3.28 2.67 2.06 4.5 5.11 3.28 4.19 2.06 4.5 5.11 3.28 4.19 2.06 4.5 5.11 3.28 4.19 5.28 4.19 5.28 5.28 5.28 5.28 5.28 5.28 5.28 5.28	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.60 0.60 0.60 0.60 0.60	9.07  0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.89 1.43 2.76 0.89 1.44 1.13 0.56 0.79 2.01 0.64 0.99 2.16 2.45	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 2 2 2 2 1 1 2 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 2 2 2 2 2 1 1 2 2 2 2 2 1 1 2 2 2 2 2 1 1 2 2 2 2 2 1 1 2 2 2 2 2 1 1 2 2 2 2 2 1 1 2 2 2 2 2 1 1 2 2 2 2 2 2 1 1 2 2 2 2 2 2 1 1 2 2 2 2 2 2 1 1 2 2 2 2 2 2 1 1 2 2 2 2 2 2 1 1 2 2 2 2 2 2 1 1 2 2 2 2 2 2 1 1 2 2 2 2 2 2 2 1 1 2	3.28 4.19 2.67 2.06 4.5 5.11 3.28 4.19 2.67 4.13 3.28 2.67 4.19 2.66 4.5 5.11 3.28 2.67 4.19 2.66 4.5 5.11 3.28 2.67 4.19 2.66 4.5 5.11 3.28 2.67 4.19 2.67 4.19 3.28 4.19 5.10 5.10 5.10 5.10 5.10 5.10 5.10 5.10	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.60 0.60 0.60 0.60 0.60 0.60	9.07  0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.72 1.11 2.43 2.76 0.89 1.44 1.13 0.56 0.79 2.01 0.64 0.99 2.16 0.79 2.11 2.45 0.79 1.28	Cum	3002	2721
3	6.1.6	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand).  steps-	1 1 1 2 2 1 1 1 2 2 1 1 2 2 1 1 1 1 2 2 1 1 2 2 2 1 1 2 2 2 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1	3.28 4.19 2.67 2.06 4.5 5.11 3.28 4.19 2.06 4.5 5.11 3.28 2.67 4.19 2.06 4.5 5.11 3.28 2.67 4.19 2.06 4.5 5.11 3.28 2.67 4.19 2.06 4.5 5.11 3.28 2.67 4.19 2.06 4.5 5.11 3.28 4.19 2.06 4.5 5.11 3.28 4.19 2.06 4.5 5.11 3.28 4.19 2.06 4.5 5.11 3.28 4.19 2.06 4.19 3.28 4.19 5.28 5.28 5.28 5.28 5.28 5.28 5.28 5.28	0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.60 0.60 0.60 0.60 0.60 0.60 0.60	9.07  0.98 2.51 0.80 1.24 2.70 3.07 0.98 1.60 1.26 0.62 0.89 2.26 0.72 1.11 2.43 2.76 0.89 1.44 1.13 0.56 0.79 2.01 0.64 0.99 2.16 2.45 0.79 1.28 1.01	Cum	3002	2721

उप वर्न संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(अगर सिंह गोववाज ) मुख्य वन संरक्षक (आयोजना) राजस्थान, जयपुर

14.3.	3.7.2	Providing and laying damp-proof course with cement concrete grade M-15: 2: 4) mortar prepared with 1% solution of water-proof compound complete per specification 75mm thick	50 (1 lete					7-1-11			
				1	3.28	0.23		0.75	-		
				2	4.19	0.23		1.93			
				1	2.67	0.23		0.61			-
	-			2	2.06	0.23		0.95			
				2	4.5	0,23		2.07			
	-			2	5.11	0.23		2,35			
				1	3.28	0.23		0.75			
	1			2	2.67	0.23		1.23			
				1	4.19	0.23		0.96			
				1	2.06	0.23		0.47			
			Total					12.08	5gm	496	5994
5	5.2.2	Brick work with F.P.S. bricks of class designation 75 in superstructure abov plinth level upto floor V level in all shapes and sizes in : Cement mortar 1: 6 (1 cement: 6 coarse sand)	ve								
		to 12 centent to coarse saint			2.20	0.22	2.20				
-				1	3.28	0.23	3.20	2.41	-		
				2	4.19	0.23	3.20	6.17			
				1	2.67	0.23	3.20	1.97			
				2	2.06	0.23	3.20	3.03			
				2	4.5	0.23	3.20	6.62			
	<b> </b>			2	5.11	0.23	3.20	7.52			
	<b></b>			1	3.28	0.23	3.20	2.41	_		
				2	2.67	0.23	3.20	3.93			
	<b>-</b>			1	4.19	0.23	3.20	3.08			
				1	2.06	0.23	3.20	1.52			
			Prepat	1	25.21	0.23	0.45	2.61			
		Dadustin	Total					41.28			
		Deduction									
			D1	_	1.07	0.13	2.13	1.19			
			D2	2	0.75	0.23	2.13	0.73			
		WIN	WOON	2	1.07	0.23	1.23	0.61			
				4	1.23	0.23	1.23	1.39			
			VENT	1	0.60	0.23	0.60	0.08			
			Total	_				4.00			
			t Total					37.28	Cum	4536	169096
6	5.8.3	Half brick masonry in Superstructure , above plinth level upto floor V level using bricks of designation 75									- 1
		Kitchan		3	0.60	0.75		1.35			
				1	8.70	0.45		3.92			
				2	0.61	0.45	1 1				
				4	0.01	<del></del>	-	0.55	1.		
7	410.2		Total	2	0.01			0.55 <b>5.81</b>	Sqm	478	2779
7	4.10.2	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for: Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills,	Total	2	0.01				Sqm	478	2779
7	4.10.2	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for: Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	-			0.15		5.81	Sqm	478	2779
7	4.10.2	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for: Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	Total	1	35	0.15		<b>5.81</b>	Sqm	478	2779
7	4.10.2	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for: Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	-	1 1	35 4.19	1.83		5.81 · 5.25 7.67	Sqm	478	2779
7	4.10.2	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for: Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	-	1 1 1	35 4.19 3.96	1.83 3.05		5.81 5.25 7.67 12.08	Sqm	478	2779
7	4.10.2	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for: Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	-	1 1	35 4.19 3.96 2.44	1.83 3.05 1.83	,	5.81 5.25 7.67 12.08 4.47	Sqm	478	2779
7	4.10.2	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for: Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	-	1 1 1 1	35 4.19 3.96 2.44 4.27	1.83 3.05 1.83 4.88		5.81 - 5.25 7.67 12.08 4.47 20.84	Sqm	478	2779
7	4.10.2	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for: Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	-	1 1 1 1 1	35 4.19 3.96 2.44 4.27 2.44	1.83 3.05 1.83 4.88 3.05		5.81 - 5.25 7.67 12.08 4.47 20.84 7.44	Sqm	478	2779
7	4.10.2	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for:  Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	Outer	1 1 1 1 1 1	35 4.19 3.96 2.44 4.27 2.44 8.7	1.83 3.05 1.83 4.88 3.05 0.60		5.81 5.25 7.67 12.08 4.47 20.84 7.44 5.22	Sqm	478	2779
7	4.10.2	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for:  Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	-	1 1 1 1 1 1 1 3	35 4.19 3.96 2.44 4.27 2.44 8.7 4.42	1.83 3.05 1.83 4.88 3.05 0.60 0.23		5.81 - 5.25 7.67 12.08 4.47 20.84 7.44 5.22 3.05	Sqm	478	2779
7	4.10.2	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for:  Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	Outer	1 1 1 1 1 1	35 4.19 3.96 2.44 4.27 2.44 8.7	1.83 3.05 1.83 4.88 3.05 0.60		5.81 5.25 7.67 12.08 4.47 20.84 7.44 5.22 3.05 1.26			
		Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for:  Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	Outer	1 1 1 1 1 1 1 3	35 4.19 3.96 2.44 4.27 2.44 8.7 4.42	1.83 3.05 1.83 4.88 3.05 0.60 0.23		5.81 - 5.25 7.67 12.08 4.47 20.84 7.44 5.22 3.05	Sqm	478	
8	4.10.2	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for:  Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	Outer	1 1 1 1 1 1 1 3	35 4.19 3.96 2.44 4.27 2.44 8.7 4.42	1.83 3.05 1.83 4.88 3.05 0.60 0.23		5.81 5.25 7.67 12.08 4.47 20.84 7.44 5.22 3.05 1.26			
		Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for:  Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.  Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of	Outer	1 1 1 1 1 1 1 3	35 4.19 3.96 2.44 4.27 2.44 8.7 4.42	1.83 3.05 1.83 4.88 3.05 0.60 0.23		5.81 5.25 7.67 12.08 4.47 20.84 7.44 5.22 3.05 1.26			
		Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for:  Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.  Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1	Outer	1 1 1 1 1 1 1 3	35 4.19 3.96 2.44 4.27 2.44 8.7 4.42	1.83 3.05 1.83 4.88 3.05 0.60 0.23		5.81 5.25 7.67 12.08 4.47 20.84 7.44 5.22 3.05 1.26			
		Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for:  Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.  Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers (if required ) excluding the cost of centering, shuttering and reinforcement for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc.	Outer	1 1 1 1 1 1 1 3	35 4.19 3.96 2.44 4.27 2.44 8.7 4.42	1.83 3.05 1.83 4.88 3.05 0.60 0.23		5.81 5.25 7.67 12.08 4.47 20.84 7.44 5.22 3.05 1.26			
		Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for:  Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.  Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers (if required ) excluding the cost of centering, shuttering and reinforcement for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns,	Outer	1 1 1 1 1 1 1 1 3 3 3	35 4.19 3.96 4.27 2.44 4.27 2.44 8.7 4.42 1.83	1.83 3.05 1.83 4.88 3.05 0.60 0.23	0.120	5.81 5.25 7.67 12.08 4.47 20.84 7.44 5.22 3.05 1.26 67.27			
		Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for:  Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.  Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers (if required ) excluding the cost of centering, shuttering and reinforcement for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc.	Outer	1 1 1 1 1 1 1 3 3	35 4.19 3.96 4.27 2.44 4.27 4.42 1.83	1.83 3.05 1.83 4.88 3.05 0.60 0.23 0.23	0.120	5.81 5.25 7.67 12.08 4.47 20.84 7.44 5.22 3.05 1.26 67.27			
		Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for:  Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.  Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers (if required ) excluding the cost of centering, shuttering and reinforcement for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc.	Outer	1 1 1 1 1 1 1 3 3	35 4.19 3.96 2.44 4.27 2.44 8.7 4.42 1.83	1.83 3.05 1.83 4.88 3.05 0.60 0.23 0.23 5.94 2.06	0.120	5.81 5.25 7.67 12.08 4.47 20.84 5.22 3.05 1.26 67.27			20787
		Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for:  Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.  Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers (if required ) excluding the cost of centering, shuttering and reinforcement for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc.	Outer	1 1 1 1 1 1 1 3 3 3	35 4.19 3.96 2.44 8.7 4.42 1.83 8.92 2.67 3.28	1.83 3.05 1.83 4.88 3.05 0.60 0.23 5.94 2.06	0.120 0.120	5.81 - 5.25 7.67 12.08 4.47 - 20.84 - 7.44 5.22 3.05 1.26 67.27 6.36 0.66 1.05			
		Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for:  Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.  Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers (if required ) excluding the cost of centering, shuttering and reinforcement for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc.	Outer	1 1 1 1 1 1 1 3 3	35 4.19 3.96 2.44 4.27 2.44 8.7 4.42 1.83	1.83 3.05 1.83 4.88 3.05 0.60 0.23 0.23 5.94 2.06	0.120	5.81 5.25 7.67 12.08 4.47 20.84 5.22 3.05 1.26 67.27			

उप-वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, धनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(अगर <del>भिन्न नोठवाना)</del> नुख्य यन संरक्षक (आयोजन्स), राजस्थान, जयपुर

9	4.1	2 2 CTCC) OFFICE											
	年 经场	THE OTTERIOR.		T		and /			1 04	2.00	T	14. W. N.	- 1
		4.13 Providing and fabricating reinforcement for R.C.C. work including			4-54	100		1 25	84	0.00	K	g	540
	10	straightening, cutting, bending, placing in position and binding		. 14		470				1.5	70		
	4 100	(including and of the state of		G .		100			24			. 1	11
	1	(including cost of binding wire) all complete up to floor five level.				State					1	1 2 8	William.
	1, 30	('Original producers' who manufacture billet directly from iron		1	No.	2 -: 1		1 3	7° 14'F		100		
	1 1	Ores and roll the bilete to			73776	5		12.5		100	1		
r <sup>20</sup> ,	A 5	ores and roll the bilets to produce steel conforming to IS:1786)			18 19	List I		10				1	N 4
	1	Thermo-mechanically Treated bars (Conforming of relevent IS code)			100	18							- 1
	x 18.7.	(100 kg per cum of c.c.)		un 🖟		100		100	1 (C. 1)		Sing	3 1.	17-
1000				TY N	and the	1		35	100		F 100	1 35	
10	12.	2.2 Plaster on new surface on walls in cement sand mortar 1:4						9.1					V 45
		including and its action walls in cement sand mortar 1:4			. "	¥.				-	T	10.0	10 1
		including racking of joints etc. complete fine finish:			2 mg   10	- 1		1			100	-	
		20mm thick			- 1			13,				1 1 1 1 1 1	
				_	·			1			1		2
	-			Kit 2	12.	44		3.20	15.	62			
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				2	1.8	33		3.20	11.	71			
			Offi	ce 2	3.9	06		3.20				+	
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				-   -	3.0	_		3.20	19.5	52			100
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	_			1	1.5	0		0.60	0.90	) T			
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		Vera	mda	1	1.83	2.4	4		4.47	T			
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				1	3.03	12.4	7			+			1
			ota	_		$\perp$			34.68				
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			uter	-	11.8	1	12	80		+	7	200	25/03
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		Parapet Inner	_	2	7.40	_	3.	.80	56.24	_			
				1	25.2	1	0	45	11.34	1	-		
		T	otal		1		<del>-1</del>	,,,		+	$\rightarrow$		-
11	12.5	6 mm thick cement plaster to ceiling of mix 1:3 (1cement :	otal		-	-	-		157.34	S	qm	168	26433
		3-fine sand)					- 1			1	T		
_		5-title Sallu)				1		- 1					
			_	1	2.44	3.0	-	_		+	$\dashv$		
			_	_	_	3.05	_		7.44	1			
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T	Y.			_	2.44	1.83			4.47				
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				1	9.15	0.60	_	+		+-	-+		
- 1				-	3.13	0.60	+	-	5.49	_			
2	12 22 1	Providing and applying white cement based putty over	tal					1	53.57	Cu	ım	116	6214
-	12.22	Providing and applying white cement based putty over							368.92	So	m	76	
- 1		plastered surface to prepare the surface even and smooth			1			- 1	550.52	اعط	,,,,	10	
- 1		complete	- 1									1	
			- 1		i	1				1	- 4	- 1	
-		New Plastered Surface (three or more coats)				1		- 1		1		1	
3	12.36	Distempering with dry distemper of approved brand and			-		$\top$	+	211 50	1-	+	45	
		shade (two or more coats) and of required shade on new			1	1.	1		211.58	Sq	m	48	
- 1		work over and including priming and of the			1	1		-		1	- 1	× .	
		work, over and including, priming coat of whiting to give an			1	1				1	1	5.0	
_		even shade including all scaffolding.				l				1			
4	12.41.1	Finishing wall with water proofing cement paint of approved	-		1	<del></del>	+-	-		_	$\bot$		
		brand and manufacture and assessed at a trade			1	ļ			157.34	Sq	m l	48	
- 1		brand and manufacture and or required shade to give an	- [		1	1				Ι΄			9.
		even shade including all scaffolding:			1	.5	1						
		New work (Two or more coats applied @ 3.84 kg/10 sqm).	1					- 1		1		.	283
_ [		DAINTING	+		_	100	_				-	- 1	· 10/2
5	12.45 1		- 1			1		T			1	_	
5	12.45.1						1	- 1			1	15	
5	12.45.1	Applying priming coat :				1 3						. 1	3,63
5	12.45.1	Applying priming coat :			_=								
5	12.45.1	Applying priming coat : With ready mix pink or gray primer of approved brand and		-								14	V 1/2 *
5	12.45.1	Applying priming coat :											
5	12.45.1	Applying priming coat : With ready mix pink or gray primer of approved brand and	2	1	0.6		2.05		25.83		1		N POL
5	12.45.1	Applying priming coat : With ready mix pink or gray primer of approved brand and	_	_	_		2.05	_	25.83		1		
5	12.45.1	Applying priming coat: With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.	8	_	0.6 0.95		2.05		15.58		F		
		Applying priming coat: With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  Tot	8	_	_		_		15.58	Sqn	-	26	1077
		Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  Tot	8	_	_		_		15.58	Sqn		26	1077
		Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  Tot PAINTING Applying priming coat :	8	_	_		_		15.58	Sqn	1	26	1077
		Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  Tot PAINTING Applying priming coat :	8	_	_		_		15.58	Sqm	2	26	1077
		Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  Tot PAINTING Applying priming coat : With ready mixed red oxide zinc chromate primer of	8	_	_		_		15.58	Sqn	2	26	1077
		Applying priming coat: With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  Tot PAINTING Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised	8	_	_		_		15.58	Sqm	2	26	1077
		Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  Tot PAINTING Applying priming coat : With ready mixed red oxide zinc chromate primer of	8	_	_		_		15.58	Sqm	2 3	26	1077
		Applying priming coat: With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  Tot PAINTING Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised	8 al		0.95		2.05		15.58 41.41	Sqn	7	26	1077
		Applying priming coat: With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  Tot PAINTING Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised	8 al		1.07		_		15.58	Sqn	2	26	1077
		Applying priming coat: With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  Tot PAINTING Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised	8 al		0.95		2.05		15.58 41.41 5.26	Sqm	7 3	26	1077
		Applying priming coat: With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  Tot PAINTING Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised	8 al		1.07		1.23 1.23		15.58 41.41 5.26 12.10	Sqm	2	26	1077
		Applying priming coat: With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  PAINTING Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works	4 8 1		1.07		1.23		5.26 12.10 0.36	Sqm	2	26	1077
	12.45.3	Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  PAINTING Applying priming coat : With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works	4 8 1		1.07		1.23 1.23		5.26 12.10 0.36	Sqm			
	12.45.3	Applying priming coat: With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  PAINTING Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works  Tota Painting with synthetic enamel paint of approved brand and	4 8 1		1.07		1.23 1.23		5.26 12.10 0.36				1077
	12.45.3	Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  PAINTING Applying priming coat : With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised irron/steel works  Tota Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	4 8 1		1.07		1.23 1.23		5.26 12.10 0.36				
	12.45.3	Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  PAINTING Applying priming coat : With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised irron/steel works  Tota Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	4 8 1		1.07		1.23 1.23		5.26 12.10 0.36				
	12.45.3	Applying priming coat: With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  PAINTING Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works  Tota Painting with synthetic enamel paint of approved brand and	4 8 1		1.07		1.23 1.23		5.26 12.10 0.36				
	12.45.3	Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  PAINTING Applying priming coat : With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised irron/steel works  Tota Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	4 8 1	: : : : : : : : : : : : : : : : : : :	1.07 1.23 0.6		1.23 1.23 0.60		15.58 41.41 5.26 12.10 0.36 17.73				
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	12.45.3	Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  PAINTING Applying priming coat : With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised irron/steel works  Tota Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	4 8 1 1 21 8	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	1.07 1.23 0.6	-	1.23 1.23 0.60	2	15.58 41.41 5.26 12.10 0.36 17.73				
	12.45.3	Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  PAINTING Applying priming coat : With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised irron/steel works  Tota Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	4 8 1 1	0000	1.07 1.23 0.6		1.23 0.60 2.05	1 1 2 2 1 1	15.58 41.41 5.26 12.10 0.36 17.73 5.583 5.58				
	12.45.3	Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  PAINTING Applying priming coat : With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised irron/steel works  Tota Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	4 8 1 1   21 8 4	000000000000000000000000000000000000000	0.95 1.07 1.23 0.6 0.6 0.95	-fo	1.23 1.23 0.60 2.05 1.23	22	15.58 41.41 5.26 12.10 0.36 17.73 5.58 5.26				
	12.45.3	Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  PAINTING Applying priming coat : With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised irron/steel works  Tota Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	4 8 1 1 21 8 4 8	000000000000000000000000000000000000000	0.95 1.07 1.23 0.6 0.6 0.95 .07	- 1	1.23 1.23 0.60 2.05 1.23 1.23	22	15.58 41.41 5.26 12.10 0.36 17.73 5.583 5.58				
	12.45.3	Applying priming coat : With ready mix pink or gray primer of approved brand and manufacture on wood work hard and soft wood.  PAINTING Applying priming coat : With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised irron/steel works  Tota Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	4 8 1 1   21 8 4	000000000000000000000000000000000000000	0.95 1.07 1.23 0.6 0.6 0.95	- 1	1.23 1.23 0.60 2.05 1.23	2 2 1 1 9 1	15.58 41.41 5.26 12.10 0.36 17.73 5.58 5.26				

उप वन संरक्षक (प्रशासन) प्रजान मुख्य वन संरक्षक प्रशिक्षण, अनुसंघान, शिक्षा एवं प्रतार राजस्थान, जयपुर

(अगर टिंड <u>गोट</u>) मुख्य वन संरक्षक (आयोजना), राजस्थान, जयपुर

18		Supplying and fixing stone lintels/bed plates of approved quarry rough dressed in cement mortar 1:4:     Upto 15 cm. thick.     Windwo/D		14	1.50	0.23		4.83	Cum	8746	4224
19	6.16.	Providing dab stone over Chajjas duly fixed in cement sand mortar 1:6 complete:     Somm thick,	1	7	1.80	0.23	Asi	2.90	Sqm	750	2174
20	6.15	Providing and fixing horizontal chajja of Red/ White sand stone 40 mm thick and upto 80 cm projection in cement mortar 1:4 (1 cement : 4 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade.									974 974
-	-	Cha	ıja	7	1.5	0.23	-	2.42	1	- y- y	a tra
	+			1	0.75	0.60		0.45			47
		Kitch	an	1	3.05 1.83	0.60	-	1.83	-	-	
21	1.25	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	tal		1.63	0.00		5.79	Sqm	803	4652
	-		_	1	2.30	2.90	0.60	4.00			-
			_	1	2.30	1.70	0.60	2.35			
			-	1	4.13	4.73 1.70	0.60	4.08	+		
	-			1	3.50	2.90	0.60	6.09			
22	11.26	Random rubble dry stone Kharanja under floor.	al					24.24	Cum	58	1406
				l	2.30	2.90	0.15	1.00			
			- :		2.30	1.70	0.15	0.59	-	_	
			-		4.13 4.00	4.73 1.70	0.15	2.93 1.02	-	-	-
			1	_	3.50	2.90	0.15	1.52			
23	3.1.3	Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.	al					6.06	Cum	847	5132
		M15 grade Nominal Mix 1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size). (Flooring)									
			1		2.94	3.05	0.05	0.45			
			1		4.27	1.83 4.88	0.05	0.22 1.04			
			1		3.96	3.05	0.05	0.60			
			1		4.19	1.83	0.05	0.38			
		Ster Tot:	_		4.30	0.30	0.05	0.26 <b>2.96</b>	Cum	4131	43333
24	11.18.1	Kota stone slab flooring 25 mm thick over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) For area of each slab from 901 to 2000 Sq.Cm : Sqm 864.00						2.30	cum		12223
			1		2.64	3.25		8.58			
_			1	_		5.08	-	22.71			
			1	_	_	3.25 2.03		13.52			
			4	_		0.30		8.91 5.16		_	
-			4	_		0.15		2.58			
25	7.22.1	Providing and fixing 1st quality MAT & GLOSSY finished ceramic tile confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory,	1		2.4	1.83		61.46 4.39	Sqm Sqm	864 661	53101 2903
		fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (Including the cost of cement mortar bed 1:4). Size 250mm x 375mm Sqm 661.00									
26		P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.		1							
		Size 298mm x 298mm Sqm 641.00	2		2.44		2.10	10,25			
7 15			2	_	.83		2.10	7.69		-	
			2	_	.05		1.20	7.32			
			1	_	.44		1.20	0.72			
	77 ·	Total Deduction	Ė		1-4		1.20	2.93 28.90			
			2	-	75						
			2	-	.75	-	2.10	3.15			
		Nobel	1	_	.07		1.20	1.28			
	777	Total	-			100		7.00		-	
-	UW C	Net Total	1	2	-			21.90	Sqm	641	14038

प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंघान, शिक्षा एवं प्रसार राजस्थान, जयपुर (अगर रिस्ट गोलास) मुख्य वन संरक्षक (आयोजगः, राजस्थान, जयपुर

	10.17.1	Grading roof for water proofing treatment with water proffing compound Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)		¥						
		oggi egate 20 mm normal size)	-	0.02	5.04	0.05	2.65	-		
			1	8.92 2.67	2.06	0.05	0.28	-		
	-		1	3.28	2.67	0.05	0.44	_	<b></b>	
		Total	-	3,20	2.07	0.03	3.36	Cum	4075	13701
28	3.8	Providing & fixing precast cement concrete coping 1 : 2 : 4 mix						1		
		50mm thick complete as per specification :								
			1	25.21	0.30		7.56	1		
			1	10	0.15	-	1.50			
		Total	-			1	9.06	Sqm	334	3027
29	8.13.2.2	Providing and fixing external grade board solid core single leaf flush door shutters ISI 2202-67 marked using Phenol formal dehyderesin in glue both sides with approved steel fittings complete as per annexure 'A':  30 mm thick  Decorative teak veneer One side		,						
:			4	0.95	2.00		7.60			
			2	0.6	2.00		2.40	_		
		Total					10.00	Sqm	1848	18480
30	9.28.1	Providing and fixing steel glazed window frame made out of 80x40 mm hollow sheet section of 16 gauge thickness, joint mitred welded and grinded including hold fast of steel lugs 13mm x 3mm and 15 Cm long embedded in C C block 15 x 10 x 10 Cm of 1:3:6 nominal concrete and including fixing of pivoted hinges of superior quality, window shutters made out of 50 x 25.0 mm hollow steel section 15 mm paitam of 18 gauge thickness, joint mitred and grinded including 10mm x 10mm square bars welded to frame for paitam fixing float glass 4mm thick panes with glazing clips and metal sash putty and fixing of shutters frames peg stay, U shape handle 100 mm long, tower bolts 100 mm long of steel powder coated superior quality including fixing and jointing with frame hinges priming coat with steel primer complete in all respect as per direction of Engineer-in –charge Window openable.								
					-			_		
			2	1.07	1.23		2.63	_		
	1		1	1.23	1.23		1.51			
	-			0.60						
			1	0.00	0.60		0.36	C = ==	2457	1557/
31	15.25.1	Providing and fixing in CM 1: 4 double paitam (rebated) stone door window and ventilator frames of approved quarry:	_	0.00	0.60		4.51	Sqm	3457	15574
31	15.25.1	Providing and fixing in CM 1: 4 double paitam (rebated) stone door window	_	2.10	0.60			Sqm	3457	15574
31	15.25.1	Providing and fixing in CM 1 : 4 double paitam (rebated) stone door window and ventilator frames of approved quarry :			0.60		4.51	Sqm	3457	15574
31	15.25.1	Providing and fixing in CM 1 : 4 double paitam (rebated) stone door window and ventilator frames of approved quarry :	12	2.10	0.60		4.51 25.20	Sqm	3457	15574
31	15.25.1	Providing and fixing in CM 1 : 4 double paitam (rebated) stone door window and ventilator frames of approved quarry : Size 100 x 75mm.  Total	12 4 2	2.10 0.95	0.60		25.20 3.80	Sqm	180	
31	7.5.1	Providing and fixing in CM 1 : 4 double paitam (rebated) stone door window and ventilator frames of approved quarry : Size 100 x 75mm.	12 4 2	2.10 0.95	0.60		25.20 3.80 1.50			5490
		Providing and fixing in CM 1: 4 double paitam (rebated) stone door window and ventilator frames of approved quarry:  Size 100 x 75mm.  Total  Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement: 3 coarse sand) jointing with white cement mortar 1:2 (1white cement: 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. Jhunjhunu / Jalore (Red/Choclate/Black/Pink Colour)	12 4 2	2.10 0.95	0.60		25.20 3.80 1.50			
		Providing and fixing in CM 1: 4 double paitam (rebated) stone door window and ventilator frames of approved quarry:  Size 100 x 75mm.  Total  Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement: 3 coarse sand) jointing with white cement mortar 1:2 (1white cement: 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. Jhunjhunu / Jalore (Red/Choclate/Black/Pink Colour)	12 4 2	2.10 0.95 0.75			25.20 3.80 1.50 30.50		180	
		Providing and fixing in CM 1: 4 double paitam (rebated) stone door window and ventilator frames of approved quarry:  Size 100 x 75mm.  Total  Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement: 3 coarse sand) jointing with white cement mortar 1:2 (1white cement: 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. Jhunjhunu / Jalore (Red/Choclate/Black/Pink Colour)	12 4 2 2.44 3.05	2.10 0.95 0.75	0.6		25.20 3.80 1.50 30.50		180	5490
		Providing and fixing in CM 1: 4 double paitam (rebated) stone door window and ventilator frames of approved quarry: Size 100 x 75mm.  Total  Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. Jhunjhunu / Jalore (Red/Choclate/Black/Pink Colour) Up to 1500 Cm2 Tiles Sqm. 1812.00	12 4 2 2.44 3.05	2.10 0.95 0.75	0.6		25.20 3.80 1.50 30.50 4.47 0.42	mtr	180	5490 8849 2514
32	7.5.1	Providing and fixing in CM 1 : 4 double paitam (rebated) stone door window and ventilator frames of approved quarry :  Size 100 x 75mm.  Total  Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. Jhunjhunu / Jalore (Red/Choclate/Black/Pink Colour)  Up to 1500 Cm2 Tiles Sqm. 1812.00  Total  Supplying and fixing in walls machine cut and polished stone shelves, tands and in CM 1:3 with machine cut edges : Sand or other approved stone 25mm thick.  Granite/Kota Stone Work Full Edge moulding	2.44 2.34 3.05 3	2.10 0.95 0.75 3.05 1.83	0.6		25.20 3.80 1.50 30.50 4.47 0.42 4.88	mtr	180	5490 8849 2514
32	7.5.1	Providing and fixing in CM 1 : 4 double paitam (rebated) stone door window and ventilator frames of approved quarry :  Size 100 x 75mm.  Total  Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. Jhunjhunu / Jalore (Red/Choclate/Black/Pink Colour)  Up to 1500 Cm2 Tiles Sqm. 1812.00  Total  Supplying and fixing in walls machine cut and polished stone shelves, tands and in CM 1:3 with machine cut edges : Sand or other approved stone 25mm thick.  Granite/Kota Stone Work Full Edge moulding	2.44 3.05	2.10 0.95 0.75 3.05 1.83	0.6		25.20 3.80 1.50 30.50 4.47 0.42 4.88 5.49	mtr Sqm Sqm	180 1812 458	5490 8849 2514 1039 <b>71917</b> 5
32	7.5.1	Providing and fixing in CM 1 : 4 double paitam (rebated) stone door window and ventilator frames of approved quarry :  Size 100 x 75mm.  Total  Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. Jhunjhunu / Jalore (Red/Choclate/Black/Pink Colour)  Up to 1500 Cm2 Tiles Sqm. 1812.00  Total  Supplying and fixing in walls machine cut and polished stone shelves, tands and in CM 1:3 with machine cut edges : Sand or other approved stone 25mm thick.  Granite/Kota Stone Work Full Edge moulding  Total  Sanitory Work	2.44 3.05	2.10 0.95 0.75 3.05 1.83	0.6		25.20 3.80 1.50 30.50 4.47 0.42 4.88 5.49	mtr Sqm Sqm	180 1812 458	5490 8849 2514 1039 <b>71917</b> : 31000
32	7.5.1	Providing and fixing in CM 1 : 4 double paitam (rebated) stone door window and ventilator frames of approved quarry :  Size 100 x 75mm.  Total  Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. Jhunjhunu / Jalore (Red/Choclate/Black/Pink Colour)  Up to 1500 Cm2 Tiles Sqm. 1812.00  Total  Supplying and fixing in walls machine cut and polished stone shelves, tands and in CM 1:3 with machine cut edges : Sand or other approved stone 25mm thick.  Granite/Kota Stone Work Full Edge moulding	2.44 3.05	2.10 0.95 0.75 3.05 1.83	0.6		25.20 3.80 1.50 30.50 4.47 0.42 4.88 5.49	mtr Sqm Sqm	180 1812 458	5490 8849 2514 1039

उप वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार

राजस्थान, जयपुर

(आपरिटेट केट्यू ) मुख्य वन संरक्षक (आयोजना) राजस्थान, जयपुर

#### Model Estimate (Range Office)

Based on BSR : Jaipur (City Circle-2019) S.No. B.S.R Unit Rate Amount В H Qty **Particular** No L Earth work in excavation by mechanical means (Hydraulic excavator )/ manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed: All kinds of soil 13.99 0.90 1.05 7.4 0.90 1.05 6.20 6.56 45 0.90 1.05 12.76 13 4.98 0.90 1.05 9.41 3.89 0.90 1.05 7.35 4.28 4.53 0.90 1.05 1.05 2.01 2.13 0.90 2.88 0.90 1.05 3.05 2.55 9.45 0.60 0.45 9768 61.43 Cum 159 Total 2 Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) 7.4 0.90 0.20 2.66 6.56 0.90 0.20 1.18 0.90 0.20 2.43 1.79 0.20 4.98 0.90 1.40 3.89 0.90 0.20 4.53 0.90 0.20 0.82 2.13 0.90 0.20 0.38 0.55 3.05 0.90 0.20 33670 Cum 3002 11.22 Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:6 ( 1-Cement : 6-Sand) 7.4 0.75 0.40 1.97 1 6.56 0.75 0.40 0.75 0.40 4.05 0.75 0.40 2.99 4.98 2.33 3.89 0.40 0.75 4.53 0.75 0.40 1.36 2.13 0.75 0.40 0.64 3.05 0.75 0.40 0.92 0.60 0.45 4.00 7.4 6.56 0.60 0.45 1.77 0.60 0.45 4.98 0.60 2.69 0.45 3.89 0.60 0.45 2.10 4.53 0.60 0.45 1.22 0.60 0.58 2.13 0.45 3.05 0.60 0.45 0.82 0.40 5.33 7.4 0.90 6.56 0.40 0.90 2.36 4.86 0.40 0.90 4.98 0.40 3.59 0.90 0.40 3.89 0.90 2.80 4.53 0.40 0.90 1.63 2.13 0.40 0.90 0.77 3.05 0.40 0.90 1.10 0.35 0.79 1.5 0.3 Steps 58.74 Cum 2580 151538 Total

उप वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्राप्तर राजस्थान, जयहरू

(अमर रिंच रोट कर) मुख्य वन संरक्षक (आयोजना) राजस्थान, जयपुर

4	3.7.2	Providing and laying damp-proof course with cement concrete grade f	M-150 /1	_	-		100				
		as per specification	omplete					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3		
		75mm thick									
			-	2	7.4	0.40		5.92			
			-	1	6.56	0.40		2.62			
			-	3	4.5	0.40		5.40	-		
-			-	2	4.98	0.40		3.98			
				2	3.89	0.40		3.11	-	ļ	
				1	4.53	0.40	-	1.81			ļ
				1	2.13	0.40		0.85			
				1	3.05	0.40		1.22			12262
5	5.2.2	Brick work with F.P.S. bricks of class designation 75 in superstructure a plinth level upto floor V level in all shapes and sizes in : Cement mortar 1: 6 (1 cement: 6 coarse sand)	Total above					24.92	Sqm	496	12362
				2	7.4	0.23	3.20	10.89		-	<del> </del>
				1	6.56	0.23	3.20	4.83	_	-	
				3	4.5	0.23	3.20	9.94	-		
				2	4.98	0.23	3.20	7.33	+	-	
				2	3.89	0.23	3.20	5.73	┼		-
				1	_	_	_	3.33	-		
				1	4.53 2.13	0.23	3.20	1.57	-	-	
				1	_	0.23	-				
			D	1	3.05	0.23	3.20	2.24			
			Prepat	_	34.4	0.23	0.45	3.56	-		
		Deduction	Total	-	-		-	49.42	-		
			(INID 0) 44		1.00	0.00	4.00	2.70			100
		W	INDOW	_	1.23	0.23	1.23	2.78	_		191
	***************************************		D1	_	1.07	0.23	2.10	2.58	-	100	OTTO TO THE
			D2	_	0.75	0.23	2.10	0.72	_		
			VENT	_	0.60	0.23	0.60	0.17			1
			Total	_	-	-		6.26			
6	5.8.3	Half brick masonry in Superstructure , above plinth level upto floor V level using bricks of designation 75	let Total					43.16	Cum	4536	195786
			Prepat	1	9.45	0.45		4.25			
			терис	2	0.75	0.45		0.68			
				1	2.44	3.20		7.81			
	_			1	3.66	3.20		11.71	-		
				1	0.60	3.20		1.92			
		Kitchan		3	0.60	0.75		1.35			
			Total		10.00	0.7.5		27.72	Sqm	478	13249
7	4.10.2	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for: Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.									,
				1	14	8.23		115.22			
			Bcam		9.45	0.23		4.35			
			Bcam		1.50	0.23		2.07			
				2	4.72	0.23		2.17			
-			Total					123.81	Sqm	309	38257
8		Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers (if required ) excluding the cost of centering, shuttering and reinforcement for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc.  M20 grade Nominal Mix / Design Mix									
				1	14	8.23	0.120	13.83		100	did in the
				1	9.45		0.230	0.50			12.
				3	2.1	0.23	0.230	0.33			1 - 1 - 1
			Total					14.66	Cum	5099	74749

जप वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंघान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(<u>अयर तिंठ गोठनाः)</u> मुख्य वन संरक्षक (आयोजना). राजस्थान, जयपुर

9	4.13.3	STEEL REINFORCEMENT:						X 1	· Address	
		4.13 Providing and fabrication sales		The same		4 -	1465.96	Kg	65	95287
	1 2 1	4.13 Providing and fabricating reinforcement for R.C.C. work including				No.	grand, etc.			
1	* · · · ·	straightening, cutting, bending, placing in position and binding		1.76	1.45-1		ver sittle	914		
		(including cost of binding wire) all complete up to floor five level.						1 7 4	30	
1 217	X 1	('Original producers' who manufacture billet directly from iron	6.7		= e.f.	15 /4-	841 204			
		ores and roll the bilets to produce steel conforming to IS:1786)	- 1	2.		ME [	a _ = 1 ' '	1	3.1	
5 :4		Thermo-mechanically Treated bars (Conforming of relevent IS code)	9			A .				
-		(100 kg per cum of c.c.)		1		77.				
10	12.2.2	Plaster on new surface on walls in cement sand mortar 1:4								
		including racking of joints etc. complete fine finish :						1.0	100	
		20mm thick		1					7.1	
	-		2	3.66		3.20	23.42			
			2	4.3		3.20	27.52		-	
				_						
			2	3.05		3.20	19.52	-		
			2	2.13	_	3.20	13.63			
			2	4.72		3.20	30.21			
			2	5.64	_	3.20	36.10			
_			2	2.44		3.20	15.62			
			2	1.53		3.20	9.79			
	4.5		2	1.7		3.20	10.88			
	Y. 1		2	1.53		3.20	9.79			
			2	4.27		3.20	27.33		-	
V	1-		2	4.57		3.20	29.25			
		Veramda	1	9.45		3.20	30.24			
		Veranida	2	1		3.20	6.40			
		Total	1.	-	-	3.20	289.70			
		Deduction	-	-		-	203.70			
		D1	-	1.07	2.1		11.24			
		UI	-	_		-	3.15			
			2	0.75	2.1	-				-
			2	1.23	1.23	<u> </u>	3.03			
		Total	-	-			17.41			
		Net Total	_				272.29	Sqm	188	51190
		Outer	1	14.77		ļ	55.39			
			2	7.9	3.75		59.25			
			1	4.05	3.75		15.19			
			2	0.85	3.75		6.38			
		Parapet Inner	1	45.35		0.75	34.01			
		Tota					170.21	Sqm	168	28596
11	12.5	6 mm thick cement plaster to ceiling of mix 1:3 (1cement :				1				
		3-fine sand)		1						
			1	3.66	4.3		15.74			
			1	4.72	5.64		26.62			
	-		1	3.05	2.13		6.50			
			1	2.44	1.53	1	3.73			
			1	1.7	1.53	1	2.60			<b>-</b>
			-	_	_	-	-			
			1	4.27	4.57	-	19.51	$\vdash$		
			1	9.45	1.53	-	14.46		-	
			2	9.45	0.23		4.35			-
			7	1.53	0.23	-	2.46			
		Tota	1	-	-		95.97	Cum	116	11133
12	12.22.1	Providing and applying white cement based putty over			1		538.47	Sqm	76	
		plastered surface to prepare the surface even and smooth	1							
		complete		1 0	-			"		
		New Plastered Surface (three or more coats)		1	1	1				
13	12.36	Distempering with dry distemper of approved brand and					368.26	Sqm	48	-
-5	12.30	shade (two or more coats) and of required shade on new				1				
		work, over and including, priming coat of whiting to give an		4						700
		even shade including all scaffolding.			1					
11	12 41 4	Finishing wall with water proofing cement paint of approved					170.21	Sqm	48	
14	12.41.1	brand and manufacture and or required shade to give an						"		g 2 - 3
				1 11 11 11						J
	-	even shade including all scaffolding:								
		New work (Two or more coats applied @ 3.84 kg/10 sqm).			-			10000		
15	12.45.1	PAINTING				-6 7		1	/A -	
	12.	Applying priming coat :	1	-		1				1 1
		With ready mix pink or gray primer of approved brand and	and the second	1	-	11		1 17		127
		manufacture on wood work hard and soft wood.				-				1
	1 1		10	0.95	d 5	2.05	19.48	N.T.	토탈	1 10 500
				1	1	1			1	1
	4		4	0.61		2.05	5.00	1		1 2 2

उप वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंदान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(अगर रिंड गोटी को मुख्य वन संरक्षक (आयोजना). राजस्थान, जयपुर

6	12.45.3	PAINTING		1		¥ .			the series	
	91	Applying priming coat :								
		With ready mixed red oxide zinc chromate primer of	100		1			1		
	24 11	approved brand and manufacture on steel galvanised				1			1116	29 - 1
		iron/steel works	1.0	1.23		1.23	24.21		5, 5	
			16			0.61	1.49		- 1	L Love
			4	0.61		0.01	25.69	Sqm	21	54
		Total				-	23.00	1	15 70	1
7	12.46.1	Painting with synthetic enamel paint of approved brand and .			1					
		manufacture to give an even shade :		11	at a					1
-		Two or more coats on new work				<u> </u>	10.40			
_		TWO OF MORE COURS OF NEW WORK	10	0.95	2	2.05	19.48			
_			4	0.61		2.05	5.00			
			16	1.23		1.23	24.21			
			4	0.61		0.61	1.49			
		Total	·				50.17	Sqm	63	310
			13	1.50	0.23		4.49			
18	6.18.1	Supplying and fixing stone lintels/bed plates of approved quarry rough	13	1.50	0.23					
		dressed in cement mortar 1:4:								
		Upto 15 cm. thick.								
		Windwo/D								
			2	0.75	0.23		0.35			
		Total	_				4.83	Cum	8746	422
			7	1.80	0.23		2.90	Sqrn	750	217
19	6.16.2	Providing dab stone over Chajjas duly fixed in cement sand mortar 1:6	ľ	1.00						
		complete :							-	
		50mm thick.	_	_	-	-		_		
20	6.15	Providing and fixing horizontal chajja of Red/ White sand stone 40 mm								
		thick and upto 80 cm projection in cement mortar 1:4 (1 cement : 4								15
	1	coarse sand) including pointing in white cement mortar 1:2 (1 white			1				-	
	1	cement: 2 stone dust) with an admixture of pigment matching the								
	1	stone shade.		_		1				
			1	1.53	0.60		0.92			
	-		1	3.05	0.60		1.83			
	-		7	1.50	0.60		6.30			
_	-			11.50						
			2	0.00	_	<b>-</b>	1.09			
_	-	Total	2	0.90	0.60		1.08	Sam	803	813
21	1.25	Total	_	0.90	_		1.08 10.13	Sqm	803	813
21	1.25	Filling available excavated earth (excluding rock) in trenches, plinth side of	_	0.90	_			Sqm	803	813
21	1.25	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each	_	0.90	_			Sqm	803	813
21	1.25	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and	_	0.90	_			Sqm	803	813
21	1.25	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each			0.60		10.13	Sqm	803	813
21	1.25	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and	1	3.50	0.60	0.60	10.13 8.72	Sqm	803	813
21	1.25	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and	1	3.50 4.57	0.60	0.60	8.72 15.08	Sqm	803	813
21	1.25	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and	1	3.50	0.60	_	10.13 8.72	Sqm	803	813
21	1.25	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and	1	3.50 4.57	0.60 4.15 5.50	0.60	8.72 15.08	Sqm	803	813
21	1.25	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and	1 1 1	3.50 4.57 2.90	4.15 5.50 1.98	0.60 0.60	8.72 15.08 3.45	Sqm	803	813
21	1.25	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	1 1 1 1 1 1	3.50 4.57 2.90 2.30	4.15 5.50 1.98 1.40	0.60 0.60 0.60	8.72 15.08 3.45 1.93 1.26	Sqm	803	813
21	1.25	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12	4.15 5.50 1.98 1.40 4.40	0.60 0.60 0.60 0.60 0.60	8.72 15.08 3.45 1.93 1.26 10.88	Sqm	803	813
21	1.25	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50	4.15 5.50 1.98 1.40	0.60 0.60 0.60 0.60	8.72 15.08 3.45 1.93 1.26 10.88 7.53			
		Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12	4.15 5.50 1.98 1.40 4.40	0.60 0.60 0.60 0.60 0.60	8.72 15.08 3.45 1.93 1.26 10.88	Sqm	803	
21		Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30	4.15 5.50 1.98 1.40 1.40 4.40	0.60 0.60 0.60 0.60 0.60 0.60	8.72 15.08 3.45 1.26 10.88 7.53 40.13			
		Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30	4.15 5.50 1.98 1.40 1.40 4.40 1.35	0.60 0.60 0.60 0.60 0.60 0.60 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13			
		Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57	4.15 5.50 1.98 1.40 1.40 4.40 1.35	0.60 0.60 0.60 0.60 0.60 0.60 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13			
		Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90	4.15 5.50 1.98 1.40 4.40 1.35 4.15 5.50 1.98	0.60 0.60 0.60 0.60 0.60 0.60 0.15 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13			
		Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30	4.15 5.50 1.98 1.40 1.40 4.40 1.35 4.15 5.50 1.98 1.40	0.60 0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13			
		Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90	4.15 5.50 1.98 1.40 4.40 1.35 4.15 5.50 1.98	0.60 0.60 0.60 0.60 0.60 0.60 0.15 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13			
		Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30	4.15 5.50 1.98 1.40 1.40 4.40 1.35 4.15 5.50 1.98 1.40	0.60 0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48			
		Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50	4.15 5.50 1.98 1.40 1.35 4.15 5.50 1.98 4.140	0.60 0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48 0.32			
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12	4.15 5.50 1.98 1.40 1.40 4.40 5.50 1.98 4.15 5.50 1.98 1.40 4.40	0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48 0.32 2.72	Cum	58	232
		Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12	4.15 5.50 1.98 1.40 1.40 4.40 5.50 1.98 4.15 5.50 1.98 1.40 4.40	0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48 0.32 2.72 1.88			
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12	4.15 5.50 1.98 1.40 1.40 4.40 5.50 1.98 4.15 5.50 1.98 1.40 4.40	0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48 0.32 2.72 1.88	Cum	58	232
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12	4.15 5.50 1.98 1.40 1.40 4.40 5.50 1.98 4.15 5.50 1.98 1.40 4.40	0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48 0.32 2.72 1.88	Cum	58	232
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  M15 grade Nominal Mix	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12	4.15 5.50 1.98 1.40 1.40 4.40 5.50 1.98 4.15 5.50 1.98 1.40 4.40	0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48 0.32 2.72 1.88	Cum	58	2322
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  M15 grade Nominal Mix	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12	4.15 5.50 1.98 1.40 1.40 4.40 5.50 1.98 4.15 5.50 1.98 1.40 4.40	0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48 0.32 2.72 1.88	Cum	58	2322
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12	4.15 5.50 1.98 1.40 1.40 4.40 5.50 1.98 4.15 5.50 1.98 1.40 4.40	0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48 0.32 2.72 1.88	Cum	58	2322
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  M15 grade Nominal Mix 1: 2: 4 (1 cement: 2 coarse sand: 4 graded stone aggregate 40mm	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12 9.30	4.15 5.50 1.98 1.40 4.15 5.50 1.35 4.15 5.50 1.98 1.40 4.40 1.35	0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48 0.32 2.72 1.88 12.21	Cum	58	2322
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  M15 grade Nominal Mix 1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size). (Flooring)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12 9.30	4.15 5.50 1.98 1.40 4.15 5.50 1.98 1.40 4.15 5.50 1.98 1.40 4.40 1.35	0.60 0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15 0.15	10.13 8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48 0.32 2.72 1.88 12.21	Cum	58	2322
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  M15 grade Nominal Mix 1: 2: 4 (1 cement: 2 coarse sand: 4 graded stone aggregate 40mm	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12 9.30	4.15 5.50 1.98 1.40 4.15 5.50 1.98 1.40 1.35 5.50 1.98 1.40 4.40 4.40 1.35	0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15 0.15 0.015 0.015	8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48 0.32 2.72 1.88 12.21	Cum	58	2322
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  M15 grade Nominal Mix 1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size). (Flooring)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12 9.30	4.15 5.50 1.98 1.40 4.40 1.35 5.50 1.98 4.15 5.50 1.98 4.15 5.50 1.98	0.60 0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15 0.15 0.015 0.015 0.015	10.13 8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48 0.32 2.72 1.88 12.21	Cum	58	2322
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  M15 grade Nominal Mix 1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size). (Flooring)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12 9.30	0.60 4.15 5.50 1.40 4.40 1.35 5.50 1.98 1.40 4.15 5.50 1.98 4.15 5.50 1.98 1.40 4.40 1.35	0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15 0.15 0.015 0.015	10.13 8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13 2.18 3.77 0.86 0.48 0.32 2.72 1.88 12.21	Cum	58	2322
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  M15 grade Nominal Mix 1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size). (Flooring)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12 9.30	4.15 5.50 1.98 1.40 4.40 1.35 5.50 1.98 4.15 5.50 1.98 4.15 5.50 1.98	0.60 0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15 0.15 0.015 0.015 0.015	10.13  8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13  2.18 3.77 0.86 0.48 0.32 2.72 1.88 12.21	Cum	58	2322
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  M15 grade Nominal Mix 1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size). (Flooring)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 1.50 4.12 9.30	0.60 4.15 5.50 1.40 4.40 1.35 5.50 1.98 1.40 4.15 5.50 1.98 4.15 5.50 1.98 1.40 4.40 1.35	0.60 0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15 0.15 0.015 0.015 0.015 0.015	10.13  8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13  2.18 3.77 0.86 0.48 0.32 2.72 1.88 12.21  0.73 1.26 0.29 0.16	Cum	58	2322
22	11.26	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.  Total Random rubble dry stone Kharanja under floor.  Total Random rubble dry stone Kharanja under floor.  Total Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  M15 grade Nominal Mix 1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size). (Flooring)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.50 4.57 2.90 2.30 1.50 4.12 9.30 3.50 4.57 2.90 2.30 4.57 2.90 2.30 4.57	4.15 5.50 1.98 1.40 4.45 5.50 1.98 1.40 4.15 5.50 1.98 1.40 4.40 1.35	0.60 0.60 0.60 0.60 0.60 0.15 0.15 0.15 0.15 0.15 0.15 0.015 0.015 0.015 0.015	10.13  8.72 15.08 3.45 1.93 1.26 10.88 7.53 40.13  2.18 3.77 0.86 0.48 0.32 2.72 1.88 12.21  0.73 1.26 0.29 0.16 0.11	Cum	58	2322

जप वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रक्षिण, अनुसंवान, शिक्षा एवं प्रसार राजस्थान, जयवुर

(अमर तिह राज् ) मुख्य वन संरक्षक (आयोजना). राजस्थान, जयपुर

11.8.1	8 8218
Miss   An Owner and   Jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1: 4 (1 cement: 4 coarse sand)   For area of each slab from 901 to 2000 Sq.Cm: Sqm 864.00	8218
and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) For area of each slab from 901 to 2000 Sq.Cm : Sqm 864.00  1 3.25 2.33 7.57 1 1 3.86 4.5 17.37 1 1 4.92 5.84 28.73 1 1 4.47 4.77 21.32 1 1 5.50 0.30 1.80 1 25 7.22.1 Providing and fixing 1st quality MAT & GLOSSY finished ceramic tile confirming to IS : 13755 and IS : 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mortar bed 1:4). Size 250mm x 375mm Sqm 661.00  1 1.7 1.53 2.60 3	8218
Cement : 4 coarse sand)   For area of each slab from 901 to 2000 Sq.Cm : Sqm 864.00   1   3.25   2.33   7.57	8218
For area of each slab from 901 to 2000 Sq.Cm : Sqm 864.00	8218
For area of each slab from 901 to 2000 Sq.Cm : Sqm 864.00	8218
1   3.25   2.33   7.57	8218
1   3.86   4.5   17.37	8218
1	8218
1	8211
1	821
1   9.55   1.73   16.52	821
1	821
7.22.1 Providing and fixing 1st quality MAT & GLOSSY finished ceramic tile confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4). Size 250mm x 375mm Sqm 661.00  Total  7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete. Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25 Inc. Sqm 64	8218
7.22.1 Providing and fixing 1st quality MAT & GLOSSY finished ceramic tile confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4). Size 250mm x 375mm Sqm 661.00  7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete. Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25 I 1.53 2.10 3.21 I 1.53 2.10 1.58 I 1.50 2.10 2.50 2.10 2.50 2.10 2.50 2.10 2.50 2.10 2.50 2.10 2.50 2.10 2.50 2.10 2.50 2.10 2.50 2.10 2.50 2.10 2.50 2.10 2.50 2.10 2.50 2.10 2.50 2.10 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.5	1 821;
7.22.1 Providing and fixing 1st quality MAT & GLOSSY finished ceramic tile confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4). Size 250mm x 375mm Sqm 661.00  1 1.7 1.53 2.60  Total 6.33 Sqm 66  7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc. in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete. Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25 1 1.58  Total 1 0.75 2.10 1.58 5 1.504 Sqm 64	821
confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Size 250mm x 375mm Sqm 661.00  1 1.7 1.53 2.60  Total  7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc. in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25  1 1.53 2.10 3.21  Total  1 0.75 2.10 1.58	
confirming to IS: 13755 and IS: 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Size 250mm x 375mm Sqm 661.00  1 1.7 1.53 2.60  Total  7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25  1 1.53 2.10 3.21  1 0.75 2.10 1.58  Total	
fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Size 250mm x 375mm Sqm 661.00  1 1.7 1.53 2.60 Total  7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25 Size 298mm x 298mm Sqm 641.00  1 1.53 2.10 3.21 Total	
pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Size 250mm x 375mm Sqm 661.00  1 1.7 1.53 2.60  Total  7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25  1 1.53 2.10 3.21  1 0.75 2.10 1.58  Total	
the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  Size 250mm x 375mm Sqm 661.00  1 1.7 1.53 2.60 5  Total  7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25 5  1 1.53 2.10 3.21 5  Total  Total  1 5.04 Sqm 64	1 2 2
(including the cost of cement mortar bed 1:4).  Size 250mm x 375mm Sqm 661.00  1 1.7 1.53 2.60  Total  P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25  Size 298mm x 298mm Sqm 641.00  1 1.53 2.10 3.21  1 0.75 2.10 1.58  Total	-
Size 250mm x 375mm Sqm 661.00  1 1.7 1.53 2.60  Total  7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25	1 -
Total  7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.50 5 5 1 1 5.04 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1
7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.50 5 2.20 5 3.20 5	
7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.50 5 2.20 5 3.20 5	
7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.50 5 2.20 5 3.20 5	
7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.53 2.10 3.21 1 1.50 5 2.20 5 3.20 5	
7.23.1 P & F 1st qualityHeavy Duty Vitrified Polished Digital tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25  1 1.53 2.10 3.21  1 0.75 2.10 1.58  Total	418
steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25  1 1.53 2.10 3.21  1 0.75 2.10 1.58  Total	410
less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.  Size 298mm x 298mm Sqm 641.00  2 2.44 2.10 10.25  1 1.53 2.10 3.21  1 0.75 2.10 1.58  Total	
Colour and shade, laid with 20 mm thick CM 1: 4 including grounting the joints with white cement and matching pigment etc complete.    Size 298mm x 298mm Sqm 641.00   2	
with white cement and matching pigment etc complete.       2       2.44       2.10       10.25	
Size 298mm x 298mm Sqm 641.00	
2 2.44 2.10 10.25 1 1 1.53 2.10 3.21 1 1 0.75 2.10 1.58 Total 1 1.504 Sqm 64	
1 1.53 2.10 3.21 1 1 0.75 2.10 1.58 Total 1 1.504 Sqm 64	
1 1.53 2.10 3.21 1 1 0.75 2.10 1.58 Total 1 1.504 Sqm 64	
1 1.53 2.10 3.21 1 1 0.75 2.10 1.58 Total 1 1.504 Sqm 64	
1 0.75 2.10 1.58 Total 1 5.04 Sgm 64	_
Total 15.04 Sqm 64	+
	+
	9638
and a second street profiting treatment with water profiting	
compound	
Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone	
aggregate 20 mm nominal size)	
1 14 8.23 0.05 5.76	
Total     5.76   Cum   407	2347
28 3.8 Providing & fixing precast cement concrete coping 1:2:4 mix	234/
50mm thick complete as per specification :	
1 34.4 0.30 10.32	
1 11 0.15 1.65	
Total   11.97   Sqm   330	3998
29 8.13.2.2 Providing and fixing external grade board solid core single leaf flush door	
shutters ISI 2202-67 marked using Phenol formal dehyderesin in glue both	.5
sides with approved steel fittings complete as per annexure 'A':	
30 mm thick	1
	1
Decorative teak veneer One side	-
	1
2 0.61 2.05 2.50	
9 0.95 2.05 17.53	
Total   20.03   Sqm   184	

उप वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रान भुख्य वन संरक्षक प्रान्था, अनुसंतान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(अ<u>ग्य कि नोटन्त</u>) मुख्य वन संरक्षक (आयोजना). राजस्थान, जयपुर

3mm

30	9.28.1	Providing and fixing steel glazed window 6	:- () (*)				Qr. Pri			
tale official Caroli		Providing and fixing steel glazed window frame made out of 80x40 mm hollow sheet section of 16 gauge thickness, joint mitred welded and grinded including hold fast of steel lugs 13mm x 3mm and 15 Cm long								
		and including fixing of pivoted hinges of superior quality, window								
+	0.0	structers fridge out of 50 x 25.0 mm hollow steel section 15 mm paitam								
		of 18 gauge thickness, joint mitred and grinded including 10mm x  10mm square bars welded to frame for paitam fixing float glass 4mm								
		thick panes with glazing clips and metal sash putty and fixing of				7-6	4.32			1 . T
Q.[1]		shutters frames peg stay, U shape handle 100 mm long, tower holts	1				i en	13	200	1
- Mil. 2		100 mm long of steel powder coated superior quality including fixing						1		
	-	and jointing with frame hinges priming coat with steel primer complete	-		- 1	1.5			4	
		in all respect as per direction of Engineer-in –charge Window openable.					- 1		2.00	2
0 2 <sub>vii</sub>	8	, , , , , , , , , , , , , , , , , , ,				177		1	1 3 6	
			8	1.23	1.23		12.10			
			2	0.61	0.61		0.74			
31	15 25 4	Total					12.85	Sqm	3457	44413
31	15.25.1	Providing and fixing in CM 1 : 4 double paitam (rebated) stone door window								v _=
		and ventilator frames of approved quarry : Size 100 x 75mm.								
-		Size 100 X / Simili.	7	2.10	-		14.70	-		-
			7	1.07	-		7.49	+		
		Total	-	1.07			22.19	mtr	180	3994
32	7.5.1	Providing and fixing Granite stone slab mirror polished and machine edge cut								
		in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.)								N or
		thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white								
		cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match								
		the shade of the marble slab including grinding, rubbing and polishing complete.	i.			=	¥		2.7	b 51,
		Jhunjhunu / Jalore (Red/Choclate/Black/Pink Colour)					-			9-2
		Up to 1500 Cm2 Tiles Sqm. 1812.00								g " Pa"
			1	1.53	0.6		0.92			L Tai Ti
		and the second s	1	1.53	0.6 .		0.92			Today .
	1 - 10 1	Land to the second of the seco	2	1.53	0.1		0.31			
22	6 17 1	Total	_	1			2.14	Sqm	1812	3881
33	6.17.1	Supplying and fixing in walls machine cut and polished stone shelves, tands and in CM 1:3 with machine cut edges:  Sand or other approved stone 25mm thick.	4	4.3	0.6		10.32	30		
	- 12 m		3	3.05	0.6		5.40			W.
0 5	1000	Total	3	3.03	0.6		5.49 15.81	Sam	458	7241
34	7.8.2.1	Granite/Kota Stone Work Full Edge moulding	2	1.53			3.06	Sqm	212	7241 649
	41,4	Total						188		1022628
1 11		Sanitory Work	-	-			2002/13	8°	37	47500
		Electricity Fitting		-				100		73000
		Under Ground 15000 Litre Capicity Water Tank G. Total		-	, 17		4 1 10			53535
		G. IOtal	- 11				Bel + 575			1196663

उप वन संरक्षक (प्रशासन) प्रधान नुस्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयवुर (अन्य विकासक (आयोजगा) मुख्य वन संरक्षक (आयोजगा)

# Model Estimate (Range Office) (Saintory Installation Work)

3 4	1.2.1 1.3 1.7.2 1.36.2	Particular  P & F Indian type white glazed vitreous china 1st quality W.C. orissa pan (IS:2556 Mark) with 100 mm vitreous china P or S trap including cutting and making good the wall and floor: Size 530x410mm.  P & F European type white glazed vitreous china 1st quality W.C pan (IS: 2556 Mark) with P or S trap including cutting and making good the wall and floor P & F water closet Seat Covers with brass hinges complete: Solid PVC (IS 2548 marked) grade-I White for EWC WASH BASINS: 1.36 P & F WVC Wash basin (Ist quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall: Size 510 mm x 400 mm  KITCHEN & LAB. SINKS:	1 1 2	No No No	2400 2200 441 2189	2400 2400 2200 441 4378
3	1.7.2	P or S trap including cutting and making good the wall and floor: Size 530x410mm.  P & F European type white glazed vitreous china 1st quality W.C pan (IS: 2556 Mark) with P or S trap including cutting and making good the wall and floor  P & F water closet Seat Covers with brass hinges complete: Solid PVC (IS 2548 marked) grade-I White for EWC  WASH BASINS:  1.36 P & F WVC Wash basin (Ist quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm  C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall:  Size 510 mm x 400 mm	1	No No	2200	2200
3	1.7.2	floor: Size 530x410mm.  P & F European type white glazed vitreous china 1st quality W.C pan (IS: 2556 Mark) with P or S trap including cutting and making good the wall and floor P & F water closet Seat Covers with brass hinges complete: Solid PVC (IS 2548 marked) grade-I White for EWC WASH BASINS: 1.36 P & F WVC Wash basin (Ist quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall: Size 510 mm x 400 mm	1	No	441	441
3	1.7.2	Size 530x410mm.  P & F European type white glazed vitreous china 1st quality W.C pan (IS: 2556 Mark) with P or S trap including cutting and making good the wall and floor  P & F water closet Seat Covers with brass hinges complete: Solid PVC (IS 2548 marked) grade-I White for EWC  WASH BASINS:  1.36 P & F WVC Wash basin (Ist quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm  C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall:  Size 510 mm x 400 mm	1	No	441	441
3	1.7.2	Size 530x410mm.  P & F European type white glazed vitreous china 1st quality W.C pan (IS: 2556 Mark) with P or S trap including cutting and making good the wall and floor  P & F water closet Seat Covers with brass hinges complete: Solid PVC (IS 2548 marked) grade-I White for EWC  WASH BASINS:  1.36 P & F WVC Wash basin (Ist quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm  C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall: Size 510 mm x 400 mm	1	No	441	441
3	1.7.2	P & F European type white glazed vitreous china 1st quality W.C pan (IS: 2556 Mark) with P or S trap including cutting and making good the wall and floor P & F water closet Seat Covers with brass hinges complete: Solid PVC (IS 2548 marked) grade-I White for EWC WASH BASINS: 1.36 P & F WVC Wash basin (Ist quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall: Size 510 mm x 400 mm	1	No	441	441
4	1.7.2	W.C pan (IS: 2556 Mark) with P or S trap including cutting and making good the wall and floor  P & F water closet Seat Covers with brass hinges complete: Solid PVC (IS 2548 marked) grade-I White for EWC  WASH BASINS:  1.36 P & F WVC Wash basin (Ist quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm  C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall:  Size 510 mm x 400 mm	1	No	441	441
4	1.36.2	P & F water closet Seat Covers with brass hinges complete: Solid PVC (IS 2548 marked) grade-I White for EWC WASH BASINS: 1.36 P & F WVC Wash basin (Ist quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall: Size 510 mm x 400 mm				
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4	1.36.2	Solid PVC (IS 2548 marked) grade-I White for EWC WASH BASINS:  1.36 P & F WVC Wash basin (Ist quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall: Size 510 mm x 400 mm				
		WASH BASINS:  1.36 P & F WVC Wash basin (Ist quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall:  Size 510 mm x 400 mm	2	No	2189	4378
		1.36 P & F WVC Wash basin (Ist quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall:  Size 510 mm x 400 mm	2	No	2189	4378
5	1.38.9.2	approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall:  Size 510 mm x 400 mm				
5	1.38.9.2	C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall:  Size 510 mm x 400 mm			1 mm	
5	1.38.9.2	coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall: Size 510 mm x 400 mm			= = <sup>6</sup> .	
5	1.38.9.2	coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall : Size 510 mm x 400 mm				
5	1.38.9.2	nut 32 mm complete including cutting & making good the wall : Size 510 mm x 400 mm				- 11 11 11 11 11
5	1.38.9.2	wall : Size 510 mm x 400 mm	1 .			
5	1.38.9.2				1	
5	1.38.9.2	VITCHEN & LAD CINICO				
			1	No	3936	3936
		1.38 P & F Kitchen & Lab. Sink of approved make with C.I.	1	NO	3930	3330
		brackets duly painted, 40 mm C.P. waste coupling, C.P.				
. 1				"		
		Brass chain with rubber plug, 40 mm G.I. waste pipe up-to				
4.4		floor level complete including cutting and making good the wall & floor :				
						- '
		1.0 mm thick stainless steel AISI -304 & IS 13983-1994				1 1 1 1 1 1
- 1		kitchen sink of approved make as per Engineer-in-charge	18 18 19			
4		with large waste coupling.				* = 1
		Overall size Bowl size	,			
		22 x 18 x 7 20x16x7				
6	1.23	P & F WVC (10 litres) low-level flushing cistern with cover.	2	No	753	1506
7	1.44.1	P & F Bevelled edge Mirror/mirror with teak wood lipping	2	No	523	1046
		around of special glass of approved make as per direction				
= 1		of Engineer-in-charge complete with 6mm thick commercial				
-1		ply base fixed to wooden screws & washers.			e.	
		Size 600 x 450mm x 4 mm thick				
8	1.47.1	P & F Towel Rail or Ring of approved quality/make:	2	No	425	850
20 5		C.P. brass Towel Rail elbow type with concealed screws				
	\$ P	size 450mm (Heavy duty).	1			11 2
9	1.47.8	P & F Towel Rail or Ring of approved quality/make:	2	No	231	462
		C.P. Brass Towel Ring revolving type		INO	231	462
10		P & F Soap Dish or Tray of approved quality/make	2	No	142	204
		C.P. brass heavy and superior quality.	2	INO	142	284
11		P & F Bath Shower of approved quality/make.	-		2.10	M. Carlo
11			2	No	342	684
12		C.P. brass of Heavy & superior quality 150mm.				
12		P & F Jet spray for water closet with C.P. Copper Tube	20	No	346	6920
		flange of approved make.	A 7 80 1			
13		P & F G.I. pipes (Internal Work) with G.I. Fittings	1	RMT	209	209
		excluding union (IS:1239 Mark) & MS clamps				
E Passell E		including cutting and making good the walls and		1		
		floors:		. 1		
		(a) Exposed on wall	200			
		2.1.1 15 mm dia nominal bore				
		'B' Class				
14	the same of the sa	P & F Bib Cock (IS: 8931 Mark), Superior quality	7	No	271	1007
		of approved make:		No	271	1897
		Prass 400 gm,15mm nominal bore.				1001-

उप वन सरक्षक (प्रशासन)

प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(अमर सिंह गाँठवाल) मुख्य यन संरक्षक (आयोजना) राजस्थान, जयपुर

15	2.15.1	P & F Full-way Valve (IS:778 Mark) or wheel valve of approved make :	3	No	206	618
		Gun-metal 15mm nominal bore.				
16	2.26.3	P & F PVC Storage Tank ISI Marked (IS : 12701)	1			
		indicating the BIS license No), of approved make	2	No	3564	7128
		with cover, 25mm dia 1M long G.I. over-flow pipe				
		& 25 Cm. long wash out pipe with plug & socket,				
		including making connection etc., complete of				
- 10		approved design:				
	Fare	500 litres capacity.				
17	3.16.2	RIGID PVC PIPE			No. of the last	a la estada
		3.16 P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2 .)	6	RMT	161	966
		approved quality /make including joining the pipe with	The second of			
-		solvent cement rubber ring and lubricant.			1 m	-4
46		75 mm dia				
, court					1 1 1	
18	3.16.3	RIGID PVC PIPE				100
		3.16 P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2 .)	9	RMT	256	2304
	5.	approved quality /make including joining the pipe with			= -	
		solvent cement rubber ring and lubricant.				- * *
	- Ta	110 mm dia		2		4 14
	>			4 × 1		
19	3.17.1	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved				
	8	quality /make including joining the pipe with solvent cement				0
	2 1	rubber ring and lubricant:			11	
		Coupler (socket)				= *
	4.	(4.50-4)		- 1	1	4
		75mm dia	6	N	70	4
20		110mm dia	4	No	79	474
21	3.17.3	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved	4	No	98	392
		quality /make including joining the pipe with solvent cement				0
	4	rubber ring and lubricant:			c	
		Plain Tee	-		9	
	3	75mm dia	2	No	104	200
	11.71	110mm dia	1	No No	104	208
22	3.17.4	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved	2	No	170 194	170
		quality /make including joining the pipe with solvent cement	-	140	194	388
		rubber ring and lubricant:	-	pel .		
-,		Door Tee				
		110mm dia	-1		1.1	
23	3.17.9	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved			7	0
		quality /make including joining the pipe with solvent cement	45			, v
		rubber ring and lubricant:		in the		
		Bend 87 .5	- L			
the B		75mm dia	6	No	88	528
31 =	11 -0 -	110mm dia	1	No	146	146
24	3.17.23	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved	5	No	347	1735
		quality /make including joining the pipe with solvent cement				
		rubber ring and lubricant:				
		P- Trap	- 10			
		110mm dia				
25	Bally 123	VENT COWER	2	No	51	102
26	3.24.1	Construction of Soakage well in all types of soil of	1	No	4948	4948
		approved drawing, top 90 Cm .Portion in 450mm thick	The second			
		masonry with CM 1:6, 80 mm thick stone slab covering,				
		jointing of slab in CM 1:3 ,Ralthal, kharanja 40mm thick M-				
		15 grade C.C flooring, earth work etc . complete including				
		disposal of surplus earth within a lead of 50 mtr .			-1	
		Inner dia 90 Cm & 10 to 12 Mtr deep.  Total			ena	7
		Total				47320

उप वन सरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रणिक्षण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(अम<del>्सिह गाठवाल )</del> गुट्य वन संरक्षक (आयोजना) राजस्थान, जयपुर

#### **Detailed Estimate of Coumpound Wall of Forest Chouki**

Length of compound wall = 100 mtr and

Height of compound wall = 2.10mtr (1.20 stone wall + 0.90mtr Chain link fencing)

	BSR Item No.	Item Description	Unit	Nos	Length	Width	Height/ Depth	Qty	Rate	Amount
1	2019/1.8	Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including taking out the excavated soil and depositing and refilling of jhiri with watering & ramming and disposal of surplus excavated soil as directed with in a lead of 50 meter.  All kinds of soils		1.00	100.00	0.60	0.75	45.00	178.00	8010.00
2	2019/.3.1.7	Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40mm nominal size).	CUM	1.00	100.00	0.60	0.10	6.00	2956.00	17736.00
3	2019/ 6.1.6	Random Rubble stone masonary for foundation and plinth in Cement Sand Mortar above 30 Cm. thick wall in: Cement Mortar 1:6 (1-Cement:6-Sand)  First Footing								
_		Pillars	сим	20.00	0.60	0.60	0.38	2.74	1 -	
		Walls	CUM	1.00	88.00	0.53	0.38	17.72		
		Second Footing								
		Pillars	CUM	20.00	0.50	0.50	0.38	1.90		
- A		Walls	CUM	1.00	90.00	0.45	0.38	15.39		
	- 75							37.75	2838.00	107132.23
4		Random Rubble stone masonary for superstructure above plinth level one storey height above 30 Cm. thick walls in: Cement Mortar 1:6 (1-Cement:6-Sand).			- 1					
		Pillars	CUM	20.00	0.45	0.45	1.20	4.86		ver i (Vec
-		Walls	CUM	1.00	91	0.38	1.20	41.50		- 1
5		Providing and laying damp-proof course with cement concrete grade M-150 (1 : 2 : 4) mortar prepared with 1% solution of water-proof compound complete as per specification . 50mm thick.						46.36	3479.00	161272.52
X	· ·									
		Pillars	Sqm Sqm	20.00	0.45	0.45		4.05 34.58		

. उप वन संरक्षक (प्रशासन)

प्रधान मुख्य वन संरक्षक प्रसिक्षण, अनुसंघान, शिक्षा एवं प्रसार राजस्थान, जयपुर

0.00000	2019/ 12.3.1	Plaster on new surface on walls in cement sand mortar 1:6 including racking of joint etc. complete fine finish: 25mm thick.								
albert.		Pillars	Sqm	80.00		0.035	1.20	3.36		
T.E				40.00		0.45	1.20	21.6	2 113	180
				1.0015	72.1	A Parameter		24.96	211.00	5266.56
7	2019/ 12.31.2	Pointing on stone masonry in cement sand mortar 1:3 (1 cement : 3 sand) :	nie.							
	Your Paris	Wall	Sqm	2.00	91		1.20	218.4	233.00	50887.20
8	2019/ 9.36.1	Supplying and fixing of chain link fencing with angle iron posts 50x50x6mm placed at every 3 Mtr. apart 30cm in ground embedded in cement concrete 1:3:6 (30x30x45cm) corner and every tenth post to be strutted with (50 x 50 x 6cm) angle iron provided and fixed and fitted with posts including earth work in excavation etc. complete with chain link size.								
9		50mm x 50mm x 3.15mm.	Sqm	1.00	100.00		0.90	90	629.00	56610.00
	2019/ 12.37.1	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including all scaffolding:  New work (two or more coats) over and including scrapping and priming coat with								
107	agi <sup>t</sup>	cement primer.			14	р		- 42 14	. o	
10			Sqm		D: 1			17.65	75.00	1323.75
11	_								Total	1657.41 425000.00

Per running meter cost = 4250.00

उप यन संरक्षक (प्रशासन) प्रधान नुंख्य वन संरक्षक प्रशिक्षण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जगान

(अमर रिंह गाँउवाल ) भुख्य वन संरक्षक (आयोजनः). राजस्थान, जयपुर

1000000.00			d es e	Total	
12300				5 Unfroseen and miscellaneous expenditure	
150000.00	LS	Nos.		4 Installation of solar Lighting system with 2 KW	
450000.00	LS	Nos.		3 Installation of solar pump motor with acessories 5 HP	
		P Se			
131500.00	2630.00	Mtr	50.00 Mtr		
				2 Supply of strainer pipes made of ERW M.S. black pipe ISI mark of following sizes at the saite of work including required size of slottring as per IS:8110-1985	
256200.00	1464.00	Mtr	175.00 Mtr	I Nominal bore 200mm dia. Depth uo to 100 mtr	
		PWG 7			\$7.00 Page 100 Page 1
		700 %			
		保護			
		t Lege		Construction of tube well up to 100 metre depth and above from ground level to	
Amount	Rate	unit	QTY	Particulars	S.No.
	eous	Miscellan	seen & N	Construction of Tube well / Solar Pump Moter / Solar Light / Unfroseen & Miscellaneous	
		kr et ise		Model Estimate	

उप प्रन संरक्षक (प्रशासन) प्रयान मुख्य दन संरक्षक प्रशिक्षण, अनुसंदान, शिया एवं क्यार राजस्थान, जयपुर

> अमर मिह गीठवाल ) नुष्य वन संरक्षक (आयोजना, राजन्यान, चरण

Tank  QTY unit Rate / types soil 5:10, M - cone 23cm, lend 45 No. 450 mm rth with in a 5 mm thick CC  LS LS  LS			100			
QTY unit Rate /			2	S.No.		
TY unit Rate /		Construction of Septic Tank size 2.30 X 1.10 X 1.50 Mtr. In all types soil with 40 cm thick masonary in cm 1:6, 15 cm thick CC bed of 1:5:10, M - Floor, 50 mm thick stone slab partitio walls, Supply of Soling Stone 23cm, 15cm Stone Agg. 40 mm, 20mm, 6-12mm, PVC Pipe 110mm, Bend 45 degree, Plain Tee, 4 nos. stone Fotrest of approved design, two No. 450 mm dia each per approved drawing including desposal of surplus earth with in a lead of 50 mtr size 203 X 110 X 150 cm (for 20 users) with 1.15 mm thick RCC (M-20) slab with Tor steel reinforcement 10 mm @ 15cm CC bothways including shuttering complete in all respect.		Particulars	Construction of Septic Tank	Model Estimate
Rate /	LS		ζ:	OTV		
	LS			unit		
Amoun 40,00	LS			Rate		
0.00	40,000.00			Amount	er d	

उप वन संरक्षक (प्रशासन) प्रधान जुड्य वन संरक्षक प्रशिक्षण, अनुसंबान, शिक्षा एवं प्रसार राजस्थान, जयपुर

> अमर हिंडु गर्नेट्या मुख्य वन संरक्षक (आयोज) राजस्थान, जयपुर

## **Model Cost Norms for Boundary Pillar**

### Cost estimate - 9000/ unit

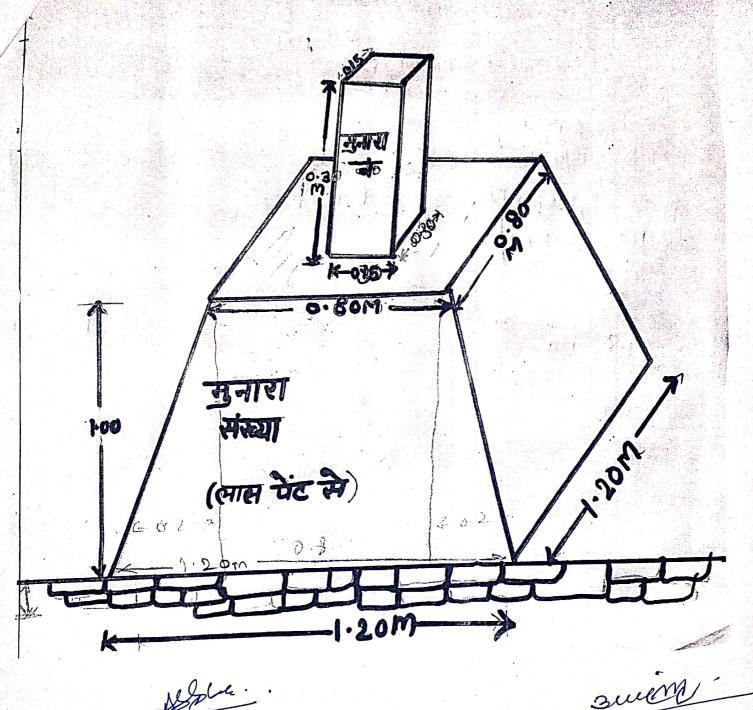
S.No	Description of work	Bsr i.no	Unit	Quantity	Rate	Cost
1	2	3	4	5	6	7
1	Earth work in excavation in soil foundation length 1.20m, width 1.20m, depth 0.30m per pillar volumn 0.432 cum.	PWD-BSR2019 Jaipur circle Item no-1.8 ch- B1	cum	0.432	162.0	69.98
2	Cement concrete in foundation & 40mm size aggregate 1:4:8 mixer.pillar size -1.20m.l x1.20m w x0.30m d.=0.432cum	PWD-BSR2019 Jaipur circle Item no-3.1.6 ch- B3	cum	0.432	3002/ p.cum	1296.86
3	Cement concrete in sub structure & 40mm aggregate 1:4:8 mixer cement concrete Lower size $-$ 1.20 m.l x 1.20 m.w (A1) Upper size $-$ 0.80 m.l x 0.80 m.w (A2) height $-$ 1.00 m (H) volumn $-$ (H/3)x(A1+A2+ $\sqrt{A1xA2}$ ) = (1.00x3)(1.44+0.64+ $\sqrt{1.44}$ x0.64 = 1.0133 cum Top 0.30x0.30x0.30 =	PWD-BSR2019 Jaipur circle Item no-3.2.4 ch- B3	cum	1.04	3927 /p.cu. m	4084.08
	0.027 cum Total Qty = 1.04 cum					•

उप क्न संरक्षक (प्रशासन)

प्रधान मुख्य वन संरक्षक फ्र. ग, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयवर अगर सिंह गोठवाल ) मुख्य वन संरक्षक (आयोजना). राजस्थान, जयपुर

		1			77	115
1	Providing and fabricating			1.5kg		113
	reinforcement for R.C.C work					
	including straightening, cutting,					
	bending, placing in position and					
	binding(including cost of binding					
	wire) all complete for whole		100			
	structure.					
	Cold twisted deformed		* ·			
	bars(IS:1786)4 x0.35=1.40m					
	2 x1.10=2.20m					
	Total=3.60m					
	(3.60 x 0.395=1.42kg or1.5 kg		9 .			
5	Centering & shuttering to settle	PWD-	Sq m	5.88	341	2005
	column and pillar.	BSR2019		1	/p.sqm	
	ground -4 x1.2 x.30= 1.44	Jaipur				
	middle- 4x0.80+1.20x1.02=4.08	circle .				
	2	Item no- 4.10.3 ch-				
	Top-4x0.3x0.3=0.36	B4			,	
	100 40.30.3					a
 6	Plaster on 15mm thick as 1:6	PWD-	Sq m	5.00	133/	665
_	1x4x <u>1.20+.80</u> x1.00=4.00	BSR2019			p.sq.m	
	2	Jaipur				
	Top-1 x.80 x.80= 0.64	circle Item no-			4	
	1x4x0.30x0.30=0.36	12.3.3 ch-				
	Total Plaster = 5.00 sq.m	B12		/		
7	Water Curing		1		Lum-	400
	Water Same				sum	
				*		
8	Paint and carving on pillar			on	Lum-	400
7				market	sum	
				price		
			1 1		Total	9035
					IULAI	Say-9000
						July 3000
						Say-9

उप वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रिक्षण, अनुसंधान, शिक्षा एवं प्रसार राजस्थान, जयपुर (अमर सि<del>स् गोठवाल)</del> मुख्य वन संरक्षक (आयोजना, राजस्थान, जयपुर



उप वन संरक्षक (प्रशासन) प्रधान मुख्य वन संरक्षक प्रशिक्षण, अनुसंघान, शिक्षा एवं प्रसार राजस्थान, जयपुर

(अग्रम् सिंह गीठवाल) मुख्य वन संरक्षक (आयोजनः) राजस्थान, जयपुर