

OFFICE OF THE RANGE FOREST OFFICER SHAHABAD (BARAN)

Technical Estimate Afforestation Advance Work 2023-24

- (1) Scheme - Campa (Chorakhadi Waya Maheshpur Road)
 (2) Name of Project - Plantation Ranipura V
 (3) Estimated cost - Rs. -1742281
 (4) Name of Site :- Ranipura Village :- Ranipura
 (5) GPS Coordinate :- N 25°18'01.50" E 77°03'19.89"

Forest Block
 VFPMC
 Model
 Naka
 AREA

1.872

Telni D
 Kiran Pahadi
 NFL
 Rajpur
 Ha

S.N										
GPS Coordinate :- N 25°18'01.50" E 77°03'19.89"										
S.N	BSR Page/Item	Detail of Activities	Qty	Unit	Rate in Rs/Unit			Amount in Rs		
					Labour (v/fpmc)	Material(De partmental)	Total	Labour	Material	Total
Advance Work 2023-24										
1	As per Model	Collection of datas regarding impact assesment and strenthening joint forest management	1.872	ha	0.00	72.46	72.46	0	135.64512	135.65
2	2.1.1	Survey of the area, demarcation & layout	1.872	ha	86.36	0	86.36	161.66592	0	161.67
3	2.1.2	Dividing the area in subplots and their semi permanent demarcation in field and preparation of map	1.872	ha	234.12	0	234.12	438.27264	0	438.27
4	2.2	Fencing								
A	2.2.1	Stone wall fencing : Random rubble loose stone fencing of size 0.8 m at base, 0.60 m at top and 1.2 m high (rates are for volume including voids) 400 rmt								
B	2.2.1.3	If lead is more than 500 m(400 rmt)	336.00	cmt	439.89	0	439.89	147803.04	0	147803.04
5	Model cost	Cost of raising 2265 seedling								
1	As per Model	पारसीयन बीली बनाई व खरीद आकर 12.5 x 30 सेमी 40 माईक्रोन दर 145.20 रु / किग्रा	7.33860	kg	0	145.2	145.20	0.00	1065.56	1065.56
2	As per Model	बीज सफा करना / इनाई करना	Ls						2000.00	2000.00
3	As per Model	कर्म दाई मैन्यूरिंग/मोडरिंग मीनी की खाद / इनाई करना	1.08720	cmt	0	1000.00	1000.00	0.00	1087.20	1087.20
4	As per Model	पिकनी मिट्टी की व्यवस्था करना एवं पीछाशाला में परिचालन करना	1.08720	cmt	0	600	600	0.00	652.32	652.32
5	As per Model	रेत की व्यवस्था करना एवं पीछाशाला में परिचालन	1.08720	cmt	0	1000	1000	0.00	1087.20	1087.20
6	1.3.2	Construction of beds having size 10mx1.20mx0.40m (includes removal of dugup soil from nursery, dressing and leveling of beds) in clayey loam soil(2 bed)	9.60	cmt	127.69	0	127.69	1225.82	0.00	1225.82
7	1.7.2	Filling of new bags and arranging them in beds (including	2265	per 1000 plants	1121.21	0	1121.21	2539.54	0.00	2539.54
9	1.9	Seed sowing in nurseries(including seed treatment)								
10	1.9.2	Seed Sowing 2265 Begg.	2265	per 1000 plants	269.6	0	269.6	610.64	0.00	610.64
11	1.17.1	Weeding and hoeing of plants in polythene bags. (3 Time)	2265	per 1000 plants	248.38	0	248.38	1687.74	0.00	1687.74
12	1.18.1	Treatment of plants in nurseries using insecticides (3 time)	2	per bed	22.4	0	22.4	134.40	0.00	134.40
13	1.16.1	Watering of plants in beds using rose can 78 times in polythene	2265	per 1000 plants	12.95	0	12.95	2287.88	0.00	2287.88
14	1.11.2	Shifting of polythene bags (including grading cutting of roots and rearranging them in beds) size 12x30 cm	2265	per 1000 plants	432.77	0.00	432.77	980.22	0.00	980.22
15	As per Model	कौटनसक दवा एवं उर्वरक खरीद पर व्यय			LS				3000.00	3000.00
6	2.4	Digging of pits (size 0.45 m x0.45 mx0.45m or (0.50+0.40)/2X (0.50+0.40) /2x0.45 cubic meter) (936 pits)								
A	2.1.3	Layout for excavation of pits	936	Per pit	0.63	0	0.63	589.68	0	589.68
B	2.4.1.6	In hard murram/kankar/compact clayey soil	936	Per pit	23.81	0	23.81	22286.16	0	22286.16
7		Digging up trenches								
A	2.1.4	Layout for excavation of staggered contour trenches	749.0	Per rmt	0.63	0.00	0.63	471.87	0.00	471.87
B	1 C (Approved by ZP order no. 3801-04 date 15.01.2018)	Excavation including loading unloading disposal and dressing of excavated earth within initial lead of 50m and lift up to 1.5m in dry or moist including dressing of excavated area dewatering wherever required complete in all respect. In Hard soil mixed with kankar / boulders, morrum. size 0.45x0.45=0.2025x749 rmt=151.67 cmt	151.67	Per cmt	0.00	76.00	76.00	0.00	11527.11	11527.11
8		MPT 1 60 MTR								
A	GKN. 6-B	झांगरीलिंग करना 5 से 7.5 सेमी गहराई तक	180.00	मी	1.55	0.00	1.55	279.00	0.00	279.00
B	GKN-191	जंगल की सफाई, साधारण वनस्पति तथा झाड़ियों को काटने सहित	1500.00	वर्ग मी	2.59	0.01	2.60	3885.00	15.00	3900.00
C	wrd bsr 2020 chapter 5 item no.21	Benching base and depositing the excavated material including dressing etc. complete within initial lead up to 50m and lift up to 1.5m	90.25	घन मी	0.00	69.00	69.00	0.00	6227.25	6227.25
D	(Approved by ZP order no. 3801-04date 15.01.2018)	Earth work in rough (borrow area) excavation for embankment in hard soil, Morrum of highly weathered strata dry o moist, including dewatering laying in 20 cm layers (before compaction) and breaking of clods, sorting of grass, pebbles etc. and dressing	321.05	घन मी	0.00	73.00	73.00	0.00	23436.65	23436.65
E	wrd bsr 2020 chapter 5 item no.19 A	Compaction of earth or highly weathered strata a. by manually or plain roller , (density 90 % of Proctor)	321.05	घन मी	0.00	20.00	20.00	0.00	6421.00	6421.00
F	(Approved by ZP order no. 3801-04date 15.01.2018)	Excavation including loading unloading disposal and dressing of excuavated earth within initial lead of 50m and lift up to 1.5m in dry or moist including dressing of excavated area dewatering wherever required complete in all respect. In Hard soil mixed with kankar / boulders, morrum.	257.20	घन मी	0.00	76.00	76.00	0.00	19547.20	19547.20
G	(Approved by ZP order no. 3801-04date 15.01.2018)	Earth work in rough (borrow area) excavation for embankment in hard soil, Morrum of highly weathered strata dry o moist, including dewatering laying in 20 cm layers (before compaction) and breaking of clods, sorting of grass, pebbles etc. and dressing for wiest wier.	7.80	घन मी	0.00	73.00	73.00	0.00	569.40	569.40

H	GKN 185 R	earthwork of transportation lead upto 10 km with loading and unloading and apreading complete work	18.00	घन मी.	0.00	165.94	165.94	0.00	2996.92	2996.92
I	GKN 167	15 से 30 सेमी मोटे हथड़े से तरासे हुए एकल पत्थर की विधिग समस्त उठान के साथ , आपूर्ति के साथ।	8.64	घन मी.	343.75	1190.13	1533.88	2970.00	10282.72	13252.72
9	As Per Model	Construction of gate and Sign board								
I		Construction of gate Pillars								
A	PWD BSR pg.no. B-2 item no. 1.9.1	Earth work in excavation in foundation trenches or drains including dressing of sides and ramming of bottoms, lift upto 1.5 mtr. Including taking out the excavated soil and depositing and refilling of jhiri with watering and ramming and disposal of surplus excavated soil as directed within a lead of 50 mtr. all kinds of soil								
		No. L B H Qty.								
		2 0.90 0.90 0.60 0.972		Per Cum	316.00	0.00	316.00	307.15	0.00	307.15
B	PWD BSR pg.no. B-14 item no. 3.2.8	Providing and laying in Position Cement concrete. Including curing. Compaction etc. complete in specified grade excluding the cost of centering and shuttering all work upto plinth level mortar 1:5:10 aggregate 40mm nominal size. Under Wall								
		No. L B H Qty.								
		2 0.90 0.90 0.15 0.243		Per Cum	2719.00	0.00	2719.00	660.72	0.00	660.72
C	PWD BSR pg.no. B-42 item no. 6.1.7	Random Rubble stone masonry for fundation and plinth in cement sand mortar above 30cm thick wall in : cement mortar 1 : 6 (1 cement : 6 sand)								
		No. L B H Qty.								
		2 0.90 0.90 0.30 0.486		Per Cum	2401.00	0.00	2401.00	1166.89	0.00	1166.89
D	PWD BSR pg.no. B-43 item no. 6.2.7	Random rubble stone masonry for super-structure above plinth level one storey height above 30cm thick wall in: Cement mortar 1:6								
		No. L B H Qty.								
		2 0.75 0.75 1.50 1.6875		Per Cum	2587.00	0.00	2587.00	4365.56	0.00	4365.56
E	PWD BSR pg.no. B-146 item no. 12.9.1	Plaster on new surface of walls in cement sand mortar 1:6 including racking of joints etc. complete fine finished 25 mm thick								
		No. L B H Qty.								
		2 1.50 1.50 1.50 6.75		Per Sqm	173.00	0.00	173.00	1167.75	0.00	1167.75
F	PWD BSR pg.no. B-174 item no. 15.2.2	Providing and laying damp-proof course with cement concrete grade M-150(1:2:4)mortar prepared with 1% solution of water proof compound including two coats of hot blown bitument (2Kg per sqm)complete as per specification with glass strip 3 mm thick at a distance of 1 mt interval 50mm thick								
		No. L B H Qty.								
		2 0.75 0.75 1.125		Per Sqm	204.00	0.00	204.00	229.50	0.00	229.50
II	As per market rate	purchasing gate and Sign board	1	per gate and sign board	0.00	9800.00	9800.00	0.00	9800.00	9800.00
10	2.5.2	Construction of paths.3 meter wide path for vehicles in ravinous areas	300	per running meter	12.43	0.00	12.43	3729.00	0.00	3729.00
11	As per Model	Construction of thatched cattle guard hut.								
A	(पंचायत समिति शाहाबाद ग्रामीण विकास 01.04. 2023 आईटम नं 2 ब)	नींव,खाई , परनाला में 1.5 गहराई तक मिट्टी की खुदाई करना,तल को कूटना,पानी डालना,बगल को सवारना,खुदी मिट्टी को बाहर निकालना,नींव मरने के बाद खाली स्थानों को पुनः मिट्टी से भरना तथा बची हुई मिट्टी को 50 मीटर की दूरी तक निस्तारण करना (सख्त ,चिकनी,कंकर मिट्टी में) साईज 3.05X4X0.75X0.75 mtr= 6.86 cmt	6.86	cmt	160.58	1.60	162.18	1101.58	10.98	1112.55
B	(पंचायत समिति शाहाबाद ग्रामीण विकास 01.04. 2023 आईटम नं 28 अ)	नींव तथा कुसी में पत्थर की वे रद्धा-ढाका घिनाई,गारा मसालें में या बिना मसालें में सूखे पत्थर में (गारे मसाले में) साईज 3.05X4X0.45X2.44 mtr= 13.40 cmt	13.40	cmt	824.10	1279.59	2103.69	11042.94	17146.51	28189.45
C	(पंचायत समिति शाहाबाद ग्रामीण विकास 01.04. 2023 आईटम नं 55)	6 मिमी मोटाई में नालीदार एक्वेरटेस सीमेन्ट की चदरों को इस्पात के जे या एल हुक तथा सोल्ड तथा नट, से लगना व आपूर्ति करना (पूर्ण कार्य) साईज 12 फिट X 3.5 फिट (4 नग) 3.88 X 1.07 = 3.92 वर्गमीटर साईज (15.88 sqm)	15.68	Sqm	39.55	451.65	491.20	620.14	7081.87	7702.02
12	As per Model	Cost of grass and other seeds								
13	8.1	Watch and ward @259 perday for104 days.								
14	As per Model	Purchase or Construction of Water Storage Tank	104	Per day	259	0	259.00	26936	0	1500.00
15	As per Model	Purchase of tools and plants.	1.872	per ha.	79.27	48.15	127.42	148	90.1368	26936.00
16	As per Model	Labour Amenities	1.872	per ha.	0	110.21	110.21	0	206.31312	238.53
17	As per Model	Misc. unforeseen expenses including running of vehicles.	1.872	per ha.	92.28	85.60	177.88	172.74816	160.2432	206.31
18	As per Model	TOTAL YEAR 0						12000	12000.00	332.99
		Administrative charges 10%						239999	136537	378037
		Total								37804
		Say Total								415840.20
1	As per model	Collection of datas regarding impact assesment and strenthening joint forest management	1.872	ha.	0.00	72.76	72.76	0.00	136.21	136.21
2	2.4	Digging of pits (size 0.45 m x0.45 mx0.45m or (0.50+0.40)/2X (0.50+0.40) /2x0.45 cubic meter) (1123 pits)								
Year I (Planting year) 2024-25										
										415840

A	2.2.3	Layout for excavation of pits	1123.0	Per pit	0.63	0	0.63	707.49	0	707.49
B	2.4.1.6	In hard murram/kankar/compact clayey soil	1123	Per pit	23.81	0	23.81	26738.63	0	26738.63
3		Maintenance of 2265 seedling in nursery								
A	1.17.1	Weeding & hoeing of plants in polythene bags 2 times	2265	per 1000 plants	248.38	0.00	248.38	1125.16	0.00	1125.16
B	1.16.1	Watering of plants in beds using rose can 76 times	2265	per 1000 plants	12.95	0.00	12.95	2229.21	0.00	2229.21
C	1.11.2	Shifting of polythene bags (including grading cutting of roots and rearranging them in beds) size 12x30 cm	2265	per 1000 plants	432.77	0.00	432.77	980.22	0.00	980.22
4	3.1.5	Seed sowing of the tree species on mounds of ditch/Dola Fencing, trenches, Deep CCT, etc. at a spacing of 30 cms (Two Rows) 749 Rmt Trench	1498	Rmt	0.63	0.00	0.63	943.74	0.00	943.74
5	3.3.2	Transportation of plants from nursery to planting site By mechanical means (upto 3 km) Including loading and unloading	2059	per plant	1.79	0.00	1.79	3685.61	0.00	3685.61
6	3.3.3	Transportation of plants from nursery to planting site 14 km additional km for every additional km @ 0.06 (2059 plants 33 km = 67947)	67947	per plant	0.06	0.00	0.06	4076.82	0.00	4076.82
7	3.4.1	Treatment of pits soil with insecticide	2059	per pits	0.54	0.00	0.54	1111.86	0.00	1111.86
8	3.4.4.5	Application of urea / others Fertilizers to the plants	2059	per plant	0.39	0.00	0.39	803.01	0.00	803.01
9	3.4.3.2	Planting of seedling including Refilling of pits. In hilly and ravinous area	2059	per pit	7.12	0.00	7.12	14660.08	0.00	14660.08
10	3.4.4.3	Making of crescent shaped thanvala, having 45 cm radius, around planted plants In Stoney Hilly area	2059	per plant	8.01	0.00	8.01	16492.59	0.00	16492.59
11	3.6.1.2	Weeding and hoeing of plants (in 45 cm radius and 15 cm depth) in hard and bouldary soil of hilly terrain (2 times)	2059	per plant	5.31	0.00	5.31	21866.58	0.00	21866.58
12	3.6.2	Hoeing of plants after rains Repairing or watering (in 45 cm radius and 15 cm depth) of plants mound	2059	plants	2.83	0.00	2.83	5826.97	0.00	5826.97
13	3.6.4	Weeding of seedling on mounds of V-ditches/Trenches, ditch fencing etc (In a strip of 60 cms) Trench 749 rmt	1498	Rmt	2.44	0.00	2.44	3655.12	0.00	3655.12
14	4.4	Prunning/Branch cutting (cutting of branches in lower 1/3rd of the plant) up to 2 mtr height								
A	4.4.1	up to 2 mtr height	200	per tree	1.94	0.00	1.94	388.00	0.00	388.00
B	4.4.2	between 2-4 mtr height	100	per tree	2.98	0.00	2.98	298.00	0.00	298.00
15	3.4.4.3	Making of crescent shaped thanvala, having 45 cm radius, around Natural plants In Stoney Hilly area	300	per plant	8.01	0.00	8.01	2403.00	0.00	2403.00
16		Raising of 206 seedlings in nursery for casualty replacement in year-2 (10 % of 2059)								
A	As Per Modal	प्राथमिक बीसी बनाई व छरीद आकार 12.5 x 30 सेमी 40 माईक्रोन दर 145 20र / किग्रा	0.667440	per Kg.	145.20	0.00	145.20	96.91	0.00	96.91
B	As Per Modal	काम वाई सेमी/रोवर पैनी की खाद क्रय करना	0.09888	Per Cum	1434.40	0.00	1434.40	141.83	0.00	141.83
C	As Per Modal	पिकनी मिट्टी की व्यवस्था करना एवं पीछाला में परिवहन करना	0.09888	Per Cum	711.37	0.00	711.37	70.34	0.00	70.34
D	As Per Modal	रत की व्यवस्था करना एवं पीछाला में परिवहन	0.09888	Per Cum	534.06	0.00	534.06	52.81	0.00	52.81
E	1.3.4	Dressing of old beds	0.25	per Beds	124.17	0.00	124.17	30.55	0.00	30.55
F	1.7.2	Filling of new bags and arranging them in beds (including preparation of mixture) 12x30 cm bags	206	per 1000 plants	1121.21	0.00	1121.21	230.97	0.00	230.97
G		Seed sowing in nurseries (including seed treatment)				0.00	0.00	0.00	0.00	0.00
	1.9.2	Seed Sowing Bags	206	Per 1000 Begs	269.60	0.00	269.60	55.54	0.00	55.54
H	1.17.1	Weeding and hoeing of plants in polythene bags (2 Times)	206	per 1000 plant	248.38	0.00	248.38	102.33	0.00	102.33
I	1.18.1	Treatment of plants in nurseries using insecticides two time	0.25	per Beds	22.40	0.00	22.40	11.02	0.00	11.02
J	1.16.1	Watering of plants in beds using rose can 52 times	206	per 1000 plant	12.95	0.00	12.95	138.72	0.00	138.72
K	1.11.2	Shifting of polythene bags (including grading cutting of roots and rearranging them in beds) size 12x30 cm	206	per 1000 plants	432.77	0.00	432.77	89.15	0.00	89.15
17	8.1	Watch and ward @ 259 per day for 312 days (One chowkidar)	312	Days	259.00	0.00	259.00	80808.00	0.00	80808.00
18	1.20	Seed collection (local)								
A	1.20.3	Babool	5	Per k.g.	51.80	0	51.80	259.00	0.00	259.00
B	1.20.12	khair	5	Per k.g.	151.11	0	151.11	755.55	0.00	755.55
19	2.2.1.5	Repair of stone wall fencing. Random rubbes loose stone fencing of size 0.8 m at base, 0.60 m at top and 1.2 m high (rates are for volume including voids) 30 rmt	25.20	cmt.	172.62	0.00	172.62	4350.02	0.00	4350.02
20	As per Model	Labour Amenities	1.872	per ha.	195.21	23.54	218.75	365.43312	44.06688	409.50
21	As per Model	Misc unforeseen expenses including running of vehicles.						3000		3000.00
		TOTAL YEAR I						195550	3180	198731
22	As per Model	Administrative charges 10%								19873
		Total								218603.61
		Say Total								218604
Year II (Maintenance year) 2025-26										
1	As per model	Collection of datas regarding impact assesment and strenthnering joint forest management	1.872	ha.	0.00	72.76	72.76	0.00	136.21	136.21
2		Maintenance of 206 seedling in nursery								
A	1.17.1	Weeding & hoeing of plants in polythene bags 2 times	206	per 1000 plants	248.38	0.00	248.38	102.33	0.00	102.33
B	1.16.1	Watering of plants in beds using rose can 76 times	206	per 1000 plants	12.95	0.00	12.95	202.75	0.00	202.75
C	1.11.2	Shifting of polythene bags (including grading cutting of roots and rearranging them in beds) size 12x30 cm	206	per 1000 plants	432.77	0.00	432.77	89.15	0.00	89.15
3	2.2.1.5	Repair of stone wall fencing. Random rubbes loose stone fencing of size 0.8 m at base, 0.60 m at top and 1.2 m high (rates are for volume including voids) 40 rmt	33.60	cmt.	172.62	0.00	172.62	5800.03	0.00	5800.03
4	3.1.5	Seed sowing of the tree species on mounds of ditch/Dola Fencing, trenches, Deep CCT, etc. at a spacing of 30 cms. (185 Rmt x 1.872)	346.32	Rmt	0.63	0.00	0.63	218.18	0.00	218.18

5	3.3.2	Transportation of plants from nursery to planting site. By mechanical means (upto 3 km)Including loading and unloading	206	per plant	1.79	0.00	1.79	368.74	0.00	368.74
6	3.3.3	Transportation of plants from nursery to planting site. 14 km additional km(for every additional km @ 0.06) (206 plantsx33 km=6798)	6798	per plant	0.06	0.00	0.06	407.88	0.00	407.88
7	3.4.1	Treatment of pits soil with insecticide	206	per pits	0.54	0.00	0.54	111.24	0.00	111.24
8	3.4.4.5	Appication of urea / others Fertilizers to the plants	206	per plant	0.39	0.00	0.39	80.34	0.00	80.34
9	3.4.3.2	Planting of seedling including Refilling of pits In hilly and ravinous area	206	per pit	7.12	0.00	7.12	1466.72	0.00	1466.72
10	3.6.1.2	Weeding and hoeing of plants(in 45 cm radius and 15 cm depth) in hard and bouldary soil of hilly terrain(1 times)	2059	per plant	5.31	0.00	5.31	10933.29	0.00	10933.29
11	3.6.2	Hoeong of plants after rains Repairing or watering (in 45 cm radius and 15 cm depth)of plants mound .	2059	plants	2.83	0.00	2.83	5826.97	0.00	5826.97
12	3.6.4	Weeding of seedling on mounds of V-ditches/Trenches,ditch fencing etc.(In a strip of 60 cms) (185 Rmt x1.872)	346	Rmt	2.44	0.00	2.44	845.02	0.00	845.02
13	4.4	Pruning/Branch cutting (cutting of branches in lower 1/3rd of the plant) up to 2 mtr height								
A	4.4.1	up to 2 mtr height	200	per tree	1.94	0.00	1.94	388.00	0.00	388.00
B	4.4.2	between 2 -4 mtr height	100	per tree	2.98	0.00	2.98	298.00	0.00	298.00
14	1.20	Seed collection (local)								
A	1.20.3	Babool	5	Per k.g	51.80	0	51.80	259.00	0.00	259.00
B	1.20.12	khair	5	Per k.g	151.11	0	151.11	755.55	0.00	755.55
15	8.1	Watch and ward @ 259 per day for 312 days (One chowkidar)	312	Days	259.00	0.00	259.00	80808.00	0.00	80808.00
16	As per Model	Misc. unforeseen expenses including running of vehicles.							1400	1400.00
		TOTAL YEAR 2						108961	1536	110497
17	As per Model	Administrative charges 10%								11050
		Total								121547.14
		Say Total								121547
Year III (Maintenance year) 2026-27										
1	As per model	Collection of datas regarding impact assesment and strenthening joint forest management	1.872	ha	0.00	72.76	72.76	0.00	136.21	136.21
2	2.2.1.5	Repair of stone wall fencing :Random rubbes loose stone fencing of size 0.8 m at base, 0.60 m at top and 1.2 m high (rates are for volume including voide) 40 rmt	33.60	cmt.	172.62	0.00	172.62	5800.03	0.00	5800.03
3	3.1.5	Seed sowing of the tree species on mounds of ditch/Dola Fencing, trenches, Deep CCT, etc. at a spacing of 30 cms. (185 Rmt x1.872)	346.32	Rmt	0.63	0.00	0.63	218.18	0.00	218.18
4	4.4	Pruning/Branch cutting (cutting of branches in lower 1/3rd of the plant) up to 2 mtr height								
A	4.4.1	up to 2 mtr height	200	per tree	1.94	0.00	1.94	388.00	0.00	388.00
B	4.4.2	between 2 -4 mtr height	100	per tree	2.98	0.00	2.98	298.00	0.00	298.00
5	1.20	Seed collection (local)								
A	1.20.3	Babool	5	Per k.g	51.80	0	51.80	259.00	0.00	259.00
B	1.20.12	khair	5	Per k.g	151.11	0	151.11	755.55	0.00	755.55
6	8.1	Watch and ward @ 259 per day for 312 days (One chowkidar)	312	Days	259.00	0.00	259.00	80808.00	0.00	80808.00
7	As per Model	Maintenance of vehicles.							1000	1000.00
		TOTAL YEAR 3						88527	1136	89663
8	As per Model	Administrative charges 10%								8966
		Total								98629.27
		Say Total								98629
Year IV (Maintenance year) 2027-28										
1	As per model	Collection of datas regarding impact assesment and strenthening joint forest management	1.872	ha	0.00	72.76	72.76	0.00	136.21	136.21
2	2.2.1.5	Repair of stone wall fencing :Random rubbes loose stone fencing of size 0.8 m at base, 0.60 m at top and 1.2 m high (rates are for volume including voide) 40 rmt	33.60	cmt.	172.62	0.00	172.62	5800.03	0.00	5800.03
3	3.1.5	Seed sowing of the tree species on mounds of ditch/Dola Fencing, trenches, Deep CCT, etc. at a spacing of 30 cms. (185 Rmt x1.872)	346.32	Rmt	0.63	0.00	0.63	218.18	0.00	218.18
4	4.4	Pruning/Branch cutting (cutting of branches in lower 1/3rd of the plant) up to 2 mtr height								
A	4.4.1	up to 2 mtr height	200	per tree	1.94	0.00	1.94	388.00	0.00	388.00
B	4.4.2	between 2 -4 mtr height	100	per tree	2.98	0.00	2.98	298.00	0.00	298.00
5	1.20	Seed collection (local)								
A	1.20.3	Babool	5	Per k.g	51.80	0	51.80	259.00	0.00	259.00
B	1.20.12	khair	5	Per k.g	151.11	0	151.11	755.55	0.00	755.55
6	8.1	Watch and ward @ 259 per day for 312 days (One chowkidar)	312	Days	259.00	0.00	259.00	80808.00	0.00	80808.00
7	As per Model	Maintenance of vehicles.							1000	1000.00
		TOTAL YEAR 3						88527	1136	89663
8	As per Model	Administrative charges 10%								8966
		Total								98629.27
		Say Total								98629
Year V (Maintenance year) 2028-29										
1	As per model	Collection of datas regarding impact assesment and strenthening joint forest management	1.872	ha	0.00	72.76	72.76	0.00	136.21	136.21
2	2.2.1.5	Repair of stone wall fencing :Random rubbes loose stone fencing of size 0.8 m at base, 0.60 m at top and 1.2 m high (rates are for volume including voide) 40 rmt	33.60	cmt.	172.62	0.00	172.62	5800.03	0.00	5800.03

3	3.1.5	Seed sowing of the tree species on mounds of ditch/Dola Fencing, trenches, Deep CCT, etc. at a spacing of 30 cms (185 Rmt x 1 872)	346.32	Rmt	0.63	0.00	0.63	218.18	0.00	218.18
4	4.4	Pruning/Branch cutting (cutting of branches in lower 1/3rd of the plant) up to 2 mtr height								
A	4.4.1	up to 2 mtr height	200	per tree	1.94	0.00	1.94	388.00	0.00	388.00
B	4.4.2	between 2-4 mtr height	100	per tree	2.98	0.00	2.98	298.00	0.00	298.00
5	1.20	Seed collection (local)								
A	1.20.3	Babool	5	Per k g	51.80	0	51.80	259.00	0.00	259.00
B	1.20.12	khair	5	Per k g	151.11	0	151.11	755.55	0.00	755.55
6	8.1	Watch and ward @ 259 per day for 312 days (One chowkidar)	312	Days	259.00	0.00	259.00	80808.00	0.00	80808.00
7	As per Model	Maintenance of vehicles							1000	1000.00
		TOTAL YEAR 3						88527	1136	89663
8	As per Model	Administrative charges 10%								8966
		Total								98629.27
		Say Total								98629
Year VI (Maintenance year) 2029-30										
1	As per model	Collection of datas regarding impact assesment and strenthning joint forest management	1 872	ha.	0.00	72.76	72.76	0.00	136.21	136.21
2	2.2.15	Repair of stone wall fencing. Random rubbes loose stone fencing of size 0.8 m at base, 0.60 m at top and 1.2 m high (rates are for volume including voide) 40 rmt	33.60	emt.	172.62	0.00	172.62	5800.03	0.00	5800.03
3	3.1.5	Seed sowing of the tree species on mounds of ditch/Dola Fencing, trenches, Deep CCT, etc. at a spacing of 30 cms (185 Rmt x 1 872)	346.32	Rmt	0.63	0.00	0.63	218.18	0.00	218.18
4	4.4	Pruning/Branch cutting (cutting of branches in lower 1/3rd of the plant) up to 2 mtr height								
A	4.4.1	up to 2 mtr height	200	per tree	1.94	0.00	1.94	388.00	0.00	388.00
B	4.4.2	between 2-4 mtr height	100	per tree	2.98	0.00	2.98	298.00	0.00	298.00
5	1.20	Seed collection (local)								
A	1.20.3	Babool	5	Per k g	51.80	0	51.80	259.00	0.00	259.00
B	1.20.12	khair	5	Per k g	151.11	0	151.11	755.55	0.00	755.55
6	8.1	Watch and ward @ 259 per day for 312 days (One chowkidar)	312	Days	259.00	0.00	259.00	80808.00	0.00	80808.00
7	As per Model	Maintenance of vehicles							1000	1000.00
		TOTAL YEAR 3						88527	1136	89663
8	As per Model	Administrative charges 10%								8966
		Total								98629.27
		Say Total								98629
Year VII (Maintenance year) 2030-31										
1	As per model	Collection of datas regarding impact assesment and strenthning joint forest management	1.872	ha.	0.00	72.76	72.76	0.00	136.21	136.21
2	2.2.15	Repair of stone wall fencing. Random rubbes loose stone fencing of size 0.8 m at base, 0.60 m at top and 1.2 m high (rates are for volume including voide) 40 rmt	33.60	emt.	172.62	0.00	172.62	5800.03	0.00	5800.03
3	3.1.5	Seed sowing of the tree species on mounds of ditch/Dola Fencing, trenches, Deep CCT, etc. at a spacing of 30 cms. (185 Rmt x 1 872)	346.32	Rmt	0.63	0.00	0.63	218.18	0.00	218.18
4	4.4	Pruning/Branch cutting (cutting of branches in lower 1/3rd of the plant) up to 2 mtr height								
A	4.4.1	up to 2 mtr height	200	per tree	1.94	0.00	1.94	388.00	0.00	388.00
B	4.4.2	between 2-4 mtr height	100	per tree	2.98	0.00	2.98	298.00	0.00	298.00
5	1.20	Seed collection (local)								
A	1.20.3	Babool	5	Per k g	51.80	0	51.80	259.00	0.00	259.00
B	1.20.12	khair	5	Per k g	151.11	0	151.11	755.55	0.00	755.55
6	8.1	Watch and ward @ 259 per day for 312 days (One chowkidar)	312	Days	259.00	0.00	259.00	80808.00	0.00	80808.00
7	As per Model	Maintenance of vehicles							1000	1000.00
		TOTAL YEAR 3						88527	1136	89663
8	As per Model	Administrative charges 10%								8966
		Total								98629.27
		Say Total								98629
Year VIII (Maintenance year) 2031-32										
1	As per model	Collection of datas regarding impact assesment and strenthning joint forest management	1.872	ha.	0.00	72.76	72.76	0.00	136.21	136.21
2	2.2.15	Repair of stone wall fencing. Random rubbes loose stone fencing of size 0.8 m at base, 0.60 m at top and 1.2 m high (rates are for volume including voide) 40 rmt	33.60	emt.	172.62	0.00	172.62	5800.03	0.00	5800.03
3	3.1.5	Seed sowing of the tree species on mounds of ditch/Dola Fencing, trenches, Deep CCT, etc. at a spacing of 30 cms. (185 Rmt x 1 872)	346.32	Rmt	0.63	0.00	0.63	218.18	0.00	218.18
4	4.4	Pruning/Branch cutting (cutting of branches in lower 1/3rd of the plant) up to 2 mtr height								
A	4.4.1	up to 2 mtr height	200	per tree	1.94	0.00	1.94	388.00	0.00	388.00
B	4.4.2	between 2-4 mtr height	100	per tree	2.98	0.00	2.98	298.00	0.00	298.00
5	1.20	Seed collection (local)								
A	1.20.3	Babool	5	Per k g	51.80	0	51.80	259.00	0.00	259.00
B	1.20.12	khair	5	Per k g	151.11	0	151.11	755.55	0.00	755.55
6	8.1	Watch and ward @ 259 per day for 312 days (One chowkidar)	312	Days	259.00	0.00	259.00	80808.00	0.00	80808.00
7	As per Model	Maintenance of vehicles							1000	1000.00
		TOTAL YEAR 3						88527	1136	89663
8	As per Model	Administrative charges 10%								8966
		Total								98629.27
		Say Total								98629

Year IX (Maintenance year) 2032-33										
1	As per model	Collection of datas regarding impact assesment and strenthening joint forest management	1.872	ha.	0.00	72.76	72.76	0.00	136.21	136.21
2	2.2.1.5	Repair of stone wall fencing .Random rubbes loose stone fencing of size 0.8 m at base, 0.60 m at top and 1.2 m high (rates are for volume including voide) 40 rmt	33.60	cmt.	172.62	0.00	172.62	5800.03	0.00	5800.03
3	3.1.5	Seed sowing of the tree species on mounds of ditch/Dola Fencing, trenches, Deep CCT, etc. at a spacing of 30 cms (185 Rmt x1.872)	346.32	Rmt	0.63	0.00	0.63	218.18	0.00	218.18
4	4.4	Prunning/Branch cutting (cutting of branches in lower 1/3rd of the plant) up to 2 mtr height								
A	4.4.1	up to 2 mtr height	200	per tree	1.94	0.00	1.94	388.00	0.00	388.00
B	4.4.2	between 2 -4 mtr height	100	per tree	2.98	0.00	2.98	298.00	0.00	298.00
5	1.20	Seed collection (local)								
A	1.20.3	Babool	5	Per k.g	51.80	0	51.80	259.00	0.00	259.00
B	1.20.12	khair	5	Per k.g	151.11	0	151.11	755.55	0.00	755.55
6	8.1	Watch and ward @ 259 per day for 312 days (One chowkidar)	312	Days	259.00	0.00	259.00	80808.00	0.00	80808.00
7	As per Model	Maintenance of vehicles.							1000	1000.00
		TOTAL YEAR 3						88527	1136	89663
8	As per Model	Administrative charges 10%								8966
		Total								98629.27
		Say Total								98629
Year X (Maintenance year) 2033-34										
1	As per model	Collection of datas regarding impact assesment and strenthening joint forest management	1.872	ha.	0.00	72.76	72.76	0.00	136.21	136.21
2	2.2.1.5	Repair of stone wall fencing .Random rubbes loose stone fencing of size 0.8 m at base, 0.60 m at top and 1.2 m high (rates are for volume including voide) 40 rmt	33.60	cmt.	172.62	0.00	172.62	5800.03	0.00	5800.03
3	3.1.5	Seed sowing of the tree species on mounds of ditch/Dola Fencing, trenches, Deep CCT, etc. at a spacing of 30 cms. (185 Rmt x1.872)	346.32	Rmt	0.63	0.00	0.63	218.18	0.00	218.18
4	4.4	Prunning/Branch cutting (cutting of branches in lower 1/3rd of the plant) up to 2 mtr height								
A	4.4.1	up to 2 mtr height	200	per tree	1.94	0.00	1.94	388.00	0.00	388.00
B	4.4.2	between 2 -4 mtr height	100	per tree	2.98	0.00	2.98	298.00	0.00	298.00
5	1.20	Seed collection (local)								
A	1.20.3	Babool	5	Per k.g	51.80	0	51.80	259.00	0.00	259.00
B	1.20.12	khair	5	Per k.g	151.11	0	151.11	755.55	0.00	755.55
6	8.1	Watch and ward @ 259 per day for 312 days (One chowkidar)	312	Days	259.00	0.00	259.00	80808.00	0.00	80808.00
7	As per Model	Maintenance of vehicles.							1000	1000.00
		TOTAL YEAR 3						88527	1136	89663
8	As per Model	Administrative charges 10%								8966
		Total								98629.27
		Say Total								98629
Year XI (Maintenance year) 2034-35										
1	As per model	Collection of datas regarding impact assesment and strenthening joint forest management	1.872	ha.	0.00	72.76	72.76	0.00	136.21	136.21
2	2.2.1.5	Repair of stone wall fencing .Random rubbes loose stone fencing of size 0.8 m at base, 0.60 m at top and 1.2 m high (rates are for volume including voide) 40 rmt	33.60	cmt.	172.62	0.00	172.62	5800.03	0.00	5800.03
3	3.1.5	Seed sowing of the tree species on mounds of ditch/Dola Fencing, trenches, Deep CCT, etc. at a spacing of 30 cms. (185 Rmt x1.872)	346.32	Rmt	0.63	0.00	0.63	218.18	0.00	218.18
4	4.4	Prunning/Branch cutting (cutting of branches in lower 1/3rd of the plant) up to 2 mtr height								
A	4.4.1	up to 2 mtr height	200	per tree	1.94	0.00	1.94	388.00	0.00	388.00
B	4.4.2	between 2 -4 mtr height	100	per tree	2.98	0.00	2.98	298.00	0.00	298.00
5	1.20	Seed collection (local)								
A	1.20.3	Babool	5	Per k.g	51.80	0	51.80	259.00	0.00	259.00
B	1.20.12	khair	5	Per k.g	151.11	0	151.11	755.55	0.00	755.55
6	8.1	Watch and ward @ 259 per day for 312 days (One chowkidar)	312	Days	259.00	0.00	259.00	80808.00	0.00	80808.00
7	As per Model	Maintenance of vehicles.							1000	1000.00
		TOTAL YEAR 3						88527	1136	89663
8	As per Model	Administrative charges 10%								8966
		Total								98629.27
		Say Total								98629
Year XII (Maintenance year) 2035-36										
1	As per model	Collection of datas regarding impact assesment and strenthening joint forest management	1.872	ha.	0.00	72.76	72.76	0.00	136.21	136.21
2	2.2.1.5	Repair of stone wall fencing .Random rubbes loose stone fencing of size 0.8 m at base, 0.60 m at top and 1.2 m high (rates are for volume including voide) 40 rmt	33.60	cmt.	172.62	0.00	172.62	5800.03	0.00	5800.03
3	3.1.5	Seed sowing of the tree species on mounds of ditch/Dola Fencing, trenches, Deep CCT, etc. at a spacing of 30 cms. (185 Rmt x1.872)	346.32	Rmt	0.63	0.00	0.63	218.18	0.00	218.18
4	4.4	Prunning/Branch cutting (cutting of branches in lower 1/3rd of the plant) up to 2 mtr height								
A	4.4.1	up to 2 mtr height	200	per tree	1.94	0.00	1.94	388.00	0.00	388.00
B	4.4.2	between 2 -4 mtr height	100	per tree	2.98	0.00	2.98	298.00	0.00	298.00
5	1.20	Seed collection (local)								

A	1.20.3									
B	1.20.12	Babool	5	Per k.g.	51.80	0	51.80	259.00	0.00	259.00
6	8.1	khair	5	Per k.g.	151.11	0	151.11	755.55	0.00	755.55
7	As per Model	Watch and ward @ 259 per day for 312 days (One chowkidar)	312	Days	259.00	0.00	259.00	80808.00	0.00	80808.00
		Maintenance of vehicles							1000	1000.00
8	As per Model	TOTAL YEAR 3						88527	1136	89663
		Administrative charges 10%								8966
		Total								98629.27
		Say Total								98629
		Grand Total								1742281
		0 Year	415840							
		1 year	218604							
		2 year	121547							
		3 year	98629							
		4 year	98629							
		5 year	98629							
		6 year	98629							
		7 year	98629							
		8 year	98629							
		9 year	98629							
		10 year	98629							
		11 year	98629							
		12 year	98629							
		Total	1742281							

Note :- Certified that the Rates charged are as per the department B.S.R. Of CCF, Kota 2022, WRD Baran Bsr 2020, Gkn Shahabad 2023 and Zila parishad Baran order 2018

Technically checked

Prepared by me

Asst.Conservator of Forest
Baran

Sanctioned by

Range Forest Officer
Shahabad

Dy.Conservator of Forest
Baran