

**BEFORE THE NATIONAL GREEN TRIBUNAL
AT PRINCIPAL BENCH, NEW DELHI
ORIGINAL APPLICATION NO. 315 OF 2022**

IN THE MATTER OF:-

Saurabh Dev Pandey

...Applicant

Versus

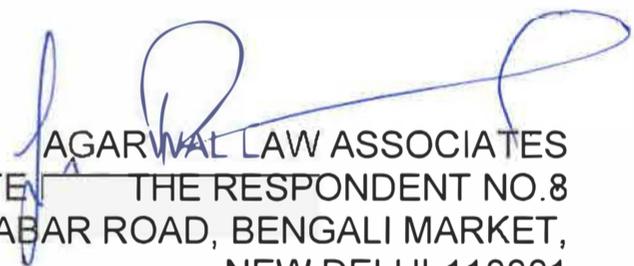
State of Madhya Pradesh & Ors.

...Respondents

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VOLUME - IV**

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18.	ANNEXURE R-14: A copy of the map showing the area and khasra details. <i>To be continued Vol. II</i>	780A-900

FILED BY


 AGARWAL LAW ASSOCIATES
 ADVOCATE FOR THE RESPONDENT NO.8
 19, BABAR ROAD, BENGALI MARKET,
 NEW DELHI-110001
 PH: 011-42200000
 EMAIL: mail@aglaw.in

PLACE: NEW DELHI

DATED: 5/1/2023

	Carrying on head for 1 km	37512	Per hundred	0.4	140.4	150.05	52666.85	Job rate
4.	Lantana mapping up operation	24	Per hect.	8	2808	192.00	67392.00	Job rate
5.	Planting							
	45x 45 x 45 cm	31260	Per hundred	1.8	631.8	562.68	197500.68	Job rate
6.	First weeding							
	In plants	31260	Per hundred	1.25	438.8	390.75	137153.25	Job rate
7.	Second weeding							
	In plants	31260	Per hundred	1	351	312.60	109722.60	Job rate
8.	Third weeding							
	In plants	31260	Per hundred	1	351	312.60	109722.60	Job rate
9.	Spraying the pesticides and fertilizer	31260	Per hundred	0.6	210.6	187.560	65833.56	Job rate
10.	Internal fire security line (line, on and off)							
	6 mtr. broad	1300	Mtr.	3.35		4.36	1528.61	Job rate

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	3 mtr. broad	1000	Mtr.	2.25		2.25	789.75	Job rate
11.	Security 2 labour 9 months	2 x 9	Per month		9126	468.00	164268.00	Estimated
12.	Irrigation as per the availability	31260				900.00	315900.00	Estimated
Total							1922789.42	
13.	Other expenses (purchasing the pesticides and fertilizer and the repairing work, inspection of road)						97210.58	Estimated
Grand Total						4046	2020000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Third Year 2023 – 24 of the plan

(Unirrigated)

Daily wage rate –369.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Planting expenses (for the replantation of the 10 percent plants)	3126	Per piece	-	14	-	43764.00	Market rate
2.	Plant loading and unloading	3126	Per thousand	4	1476		4613.98	
3.	Transportation of the plants (No.)							Market rate
	By truck/ tractor	3126	Per hundred	1.5	553.5	46.89	17302.41	Job rate

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	Carrying on head for 1 km	3126	Per hundred	0.4	147.6	12.504	4613.98	Job rate
4.	Chain link facing repairing work (meter)	671	Per r.mtr.	0.12	44.28	80.52	29711.88	Estimated
5.	First weeding							
	In plants	31260	Per hundred	1.25	461.25	390.75	144186.75	Job rate
6.	Second weeding							
	In plants	31260	Per hundred	1	369	312.60	115349.40	Job rate
7.	Third wedding							
	In plants	31260	Per hundred	1	369	312.60	115349.40	Job rate
8.	Spraying the pesticides and fertilizer	31260	Per hundred	0.6	221.4	187.56	69209.64	Job rate
9.	Internal fire security line (line, on and off)							
	6 mtr. broad	1300	Mtr.	3.35	1236.15	4.36	1607.00	Job rate
	3 mtr. broad	1000	Mtr.	2.25	830.25	2.3	830.25	Job rate

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10.	By Security Committee / 2 security labour	12	month		9594	624.00	230256.00	Estimated
11.	Irrigation as per the availability	31260				900.00	332100.00	Estimated
Total							1108894.68	
12.	Other expenses (purchasing the pesticides and fertilizer and the repairing work, inspection of road)						96105.32	Estimated
Grand Total						2874	1205000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Fourth Year 2024 – 25 of the plan

(Unirrigated)

Daily wage rate – 387.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Planting expenses (for the replantation of the 10 percent plants)	3126	Per piece		16	-	50016.00	Market rate
2.	Plant loading and unloading	3126	Per thousand	4	1548	12.50	4839.05	
3.	Transportation of the plants (No.)							Market rate

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	By truck/ tractor	3126	Per hundred	1.5	580.5	46.89	18146.43	Job rate
	Carrying on head for 1 km	3126	Per hundred	0.4	154.8	12.50	4839.05	Job rate
4.	First weeding							
	In plants	3126	Per hundred	1.25	483.75	390.75	151220.25	Job rate
5.	Second weeding							
	In plants	31260	Per hundred	1	387	312.60	120976.20	Job rate
6.	Third weeding							
	In plants	31260	Per hundred	1	387	312.60	120976.20	Job rate
7.	Spraying the pesticides and fertilizer	31260	Per hundred	0.6	232.2	187.56	72585.72	Job rate

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8.	Internal fire security line (line, on and off)							
	6 mtr. broad	1300	Mtr.	3.35	1296.45	4.36	1685.39	Job rate
	3 mtr. broad	1000	Mtr.	2.25	870.75	2.25	870.75	Job rate
9.	By Security Committee / 2 security labours	2 x 12	Per month		10062	624.00	241488.00	Estimated
Total							787643.03	
10.	Other expenses (purchasing the pesticides and fertilizer and the repairing work, inspection of road)						87356.97	Estimated
Total						1906	875000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Field preparation year - Fifth Year 2025 – 26 of the plan

(Unirrigated)

Daily wage rate – 406.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Chain link facing repairing work (meter)	671	Per r. mtr.	0.12	48.72	80.52	32691.12	Estimated
2.	First weeding							
	In plants	31260	Per hundred	1.25	507.5	390.75	158644.50	Job rate
3	Second weeding							

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	In plants	31260	Per hundred	1	406	312.60	126915.60	Job rate
4.	Spraying the pesticides and fertilizer	31260	Per hundred	0.6	243.6	187.56	76149.36	Job rate
5.	Internal fire security line (line, on and off)							
	6 mtr. broad	1300	Mtr.	3.35	1360.1	4.36	1768.13	Job rate
	3 mtr. broad	1000	Mtr.	2.25	913.5	2.25	913.50	Job rate
6.	By Security Committee / 2 security labour	2 x 12	Per month		10556	624.00	253344.00	Estimated
Total							650426.21	
6.	Other expenses (purchasing the						84573.79	Estimated

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	pesticides and fertilizer and the repairing work, inspection of road)							
Grand Total						1602	735000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Sixth Year of the plan 2026 – 27

(Unirrigated)

Daily wage rate – 426.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	First weeding							
	In plants	31260	Per hundred	1.25	532.5	390.75	166459.50	Job rate
2.	Internal fire security line (line, on and off)							
	6 mtr. broad	1300	Mtr.	3.35	1427	4.36	1855.23	Job rate
	3 mtr. broad	1000	Mtr.	2.25	958.5	2.25	958.50	Job rate

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3.	By Security Committee / 2 security labour	2 x 12	Per month		11076	624.00	265824.00	Estimated
Total							435097.23	
4.	Other expenses (purchasing the pesticides and fertilizer and the repairing work, inspection of road)						79902.77	Estimated
Grand Total						1021	515000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Seventh Year of the plan 2027 – 28

(Unirrigated)

Daily wage rate – 447.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Internal fire security line (line, on and off)							
	6 mtr. broad	1300	Mtr.	3.35	1497.45	4.36	1946.69	Job rate
	3 mtr. broad	1000	Mtr.	2.25	1005.75	2.25	1005.75	Job rate
2.	By Security Committee / 2 security labour	2 x 12	12 months		11622	624.00	278928.00	Estimated
Total							281880.44	
3.	Other expenses						63119.57	Estimated
Grand Total						631	345000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Eight Year of the plan 2028 – 29

(Unirrigated)
Daily wage rate – 469.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Internal fire security line (line, on and off)							
	6 mtr. broad	1300	Mtr.	3.35	1571.15	4.36	2042.50	Job rate
	3 mtr. broad	1000	Mtr.	2.25	1055.25	2.25	1055.25	Job rate
2.	By Security Committee / 2 security labour	2 x 12	12 month		12194	624.00	292656.00	Estimated
Total							295753.75	
3.	Other expenses						54246.26	Estimated
Grand Total						631	350000.00	

Sd/-
Range Officer, Bagdara
STR, SidhiSd/-
Superintendent
Bagdara Sanctuary, SidhiSd/-
Joint Director
Sanjay Tiger Reserve, SidhiAs
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Ninth Year of the plan 2029 – 30

(Unirrigated)

Daily wage rate – 492.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Internal fire security line (line, on and off)							
	6 mtr. broad	1300	Mtr.	3.35	1648.2	4.36	2142.66	Job rate
	3 mtr. broad	1000	Mtr.	2.25	1107	2.25	1107.00	Job rate
2.	By Security Committee / 2 security labour	2 x 12	12 months		12792	624.00	307008.00	Estimated
Total							310257.66	
3.	Other expenses						49742.34	Estimated
Grand Total						631	360000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Tenth Year of the plan 2030 – 31

(Unirrigated)

Daily wage rate – 517.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Internal fire security line (line, on and off)							
	6 mtr. broad	1300	Mtr.	3.35	1731.95	4.36	2251.54	Job rate
	3 mtr. broad	1000	Mtr.	2.25	1163.25	2.25	1163.25	Job rate
2.	By Security Committee / 2 security labour	2 x 12	12 months		13442	624.00	322608.00	Estimated
Total							326022.79	
3.	Other expenses						43977.22	Estimated
Grand Total						631	370000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Eleventh Year of the plan 2030– 31

(Unirrigated)

Daily wage rate – 543.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Internal fire security line (line, on and off)							
	6 mtr. broad	1300	Mtr.	3.35	1819.05	4.36	2364.77	Job rate
	3 mtr. broad	1000	Mtr.	2.25	1221.75	2.25	1221.75	Job rate
2.	By Security Committee / 2 security labour	2 x 12	12 months		14118	624.00	338832.00	Estimated
Total							342418.52	
3.	Other expenses						42581.49	Estimated
Grand Total						631	385000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Goshwara, Model plantation 31.260 hecrate (unirrigated)

Sr. No.	Finance Year	Work Detail	Wage Rate (with 5% increment for each year)	Amount	Area (in Hect.)	Per Hectare Expenses	Remarks
1.	First year (2021-22)	Field making work	334.00	3665000.00	31.26	117242.48	
2.	Second year (2022-23)	Plantation work	351.00	2020000.00	31.26	64619.32	
3.	Third year (2023-24)	Maintenance work	369.00	1205000.00	31.26	38547.66	
4.	Fourth year (2024-25)	Maintenance work	387.00	875000.00	31.26	27991.04	

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5.	Fifth year (2025-26)	Maintenance work	406.00	735000.00	31.26	23512.48	
6.	Sixth year (2026-27)	Maintenance work	426.00	515000.00	31.26	16474.73	
7.	Seventh year (2027-28)	Maintenance work	447.00	345000.00	31.26	11036.47	
8.	Eighth year (2028-29)	Maintenance work	469.00	350000.00	31.26	11196.42	
9.	Ninth year (2029-30)	Maintenance work	492.00	360000.00	31.26	11516.31	
10.	Tenth year (2030-31)	Maintenance work	517.00	370000.00	31.26	11836.21	
11.	Eleven year (2031-32)	Maintenance work	543.00	385000.00	31.26	12316.06	
First Total (of expenses in eleven years)				10825000.00	31.26	346289.19	

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1.	Work of faith (JFM etc.) 5% of the expenses of total 11 years	5%	541250.00	31.26	17314.46	
2.	Human Resources Development Work – 1% of the expenses of total 11 years	1%	108250.00	31.26	3462.89	
3.	Valuation and monitoring work – 4% of the expenses of total 11 years	4%	433000.00	31.26	13851.57	
Second total (along with expenses in 11 years)			1190750.00	31.26	380918.11	
4.	Work charge contingency and supervision 10% (of second total)	10%	1190750.00	31.26	38091.81	
Grand total			13098250.00	31.26	419009.92	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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CERTIFICATE

I have conducted the site inspection/ survey of the proposed site for the alternative plantation in lieu of the site effected by the Suliyari Coal Mines. After the inspection/ survey, the site is found to be fit for the plantation.

Sd/-
Range/ Area Officer
Bagdara Sanctuary
STR, Sidhi, Sidhi
(Madhya Pradesh)

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I have conducted the site inspection/ survey of the proposed site for the alternative plantation in lieu of the site effected by the Suliyari Coal Mines. After the inspection/ survey, the site is found to be fit for the plantation.

Sd/-
Superintendent
Bagdara Sanctuary
STR, Sidhi,
(Madhya Pradesh)

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I have certified the inspection of the site inspection/ survey of the proposed site for the alternative plantation in lieu of the site effected by the Suliyari Coal Mines made by the Superintendent and the Area Officer, Bagdara Sanctuary. After the inspection/ survey, the site is found to be fit for the plantation.

Sd/-
Joint Director
STR, Sidhi,
(Madhya Pradesh)

Approval

Sd/-
Chief Forest Conservator and Area Controller
STR, Sidhi (Madhya Pradesh)

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**Treatment Map Showing the proposed
compensatory afforestation (CA) Land for
APMDC in village – Bicchi, Tehsil – Chitrangi,
District – Singrauli, State M.P.**

Treatment Map in Scale: 1:15000

MAP

Sd/-
Range Officer

Sd/-
SDO

Sd/-
Div. Forest Off.

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ANNEXURE P -

**OFFICE OF FOREST CONSERVATOR, RIWA FOREST
CIRCLE, RIWA (MADHYA PRADESH)**

Near Jayanti Kunj Van Vishram Grah, Central School
Marg, Riwa

ORDER

Order No./ M.Ch./2020/ 283/ Riwa

Date: 07.10.2020

By using the power conferred under the Memorandum No./ 621/ 03/Rule/ Four/ Bhopal dated 30.09.2003 of the Department of Finance, Government of Madhya Pradesh, the technical approval of the project for the 11 years alternative afforestation/ tree planting/ plantation work on the khasra No. 922 of village Bagdari and the khasra No. 1346, 1321, 1328, 1326, 1325, 1330, 1332, 1331, 1333, 1307, 1308, having the total area of 86.000 hectare out of the Non forest land (Revenue land) having the total area of 96.000 hectare of the khasra No. 1346, 1308, 1282, 1284, 1292, 1307, 1315, 1311, 1312, 1313, 1314, 1316, 1294, 1321, 1328, 1326, 1325, 1330, 1331, 1332, 1333 of village Dala and khasra No. 922 of village Bagdari received in lieu of the forest land 259.239 hectare to be effected in the Coal Mining Project by the Suliyani Open Cast System, received vide the letter No./ M.Ch./ 4739 dated 06.10.2020 of the Forest Divisional Officer,

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Singrauli is hereby approved/ granted as per the following details: -

Sr. No.	Project Name	Range	Work type	Detail of the work site	Effecte d area in hectare	Amount of the tech. appr. In Rs.
1.	Coal Mining by the Suliyari Open Cast System (M/s. Andhra Pradesh Minerals Development Corporation Limited)	Gorbi	Alternative Plantation	1. Village Bagdari Khasra NO. 922	25.00	13740911
				2. village Dala Khasra No. 1346, 1321, 1328, 1326, 1325, 1330, 1332, 1331, 1333, 1307 and 1308	61.00	25533730
				Total	86.00	39274641

Terms: -

- As per the letter No. 131/ Pr./ 2020/ Singrauli dated 29.09.2020 of the Collector, Singrauli, by removing the encroachment from the said land, the action of handing over the said land to the Forest Divisional Officer, Singrauli be

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completed prior to the issuance of the formal acceptance of the diversion of the forest land.

2. The percentage of the alive/ living plants should not be less than 75 percent in compliance of the instruction/ order passed by the Hon'ble Supreme Court in the IA No. 574 dated 08.09.2000.
3. The calculation of the percentage of the alive trees be conducted in the May month in each of the year.
4. The work be executed as per the approved plan and the rules of the Department.
5. The labours/ staff engaged in the work will be paid as per the daily wage prescribed by the Government.
6. The material/ article be purchased by complying the Storage Purchase Rules issued by the Government.

Sd/-
(Anand Kumar Singh)
IFS-2001
Chief Forest Conservator
Riwa Circle, Riwa (Madhya Pradesh)

Ref. No./M.Ch./2020/ 7538/ Riwa, dated: 07.10.2010

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Copy to: Forest Divisional Officer, Forest Division
Singrauli – sent in perspective of its
letter No./M.Ch./4739 dated 06.10.2020
for the necessary action by enclosing the
copy of the approved project.

Encl.: A copy of the aforesaid project

Sd/-
Chief Forest Conservator
Riwa Circle, Riwa (Madhya Pradesh)

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Forest Department
Government of Madhya Pradesh

Project reports

Name of the plan: Alternative Plantation

Name of the project: Andhra Pradesh Minerals
Development Corporation Vijaywada

Name of work: Plantation work

Type of land: Revenue Land

Khasra No.: 1346, 1321, 1328, 1326, 1325, 1330, 1332,
1331, 1333, 1307, 1308

Proposed area: 61 hectares (2 part)

Working site: Dala

Plan period: 2020 – 21 to 2030 – 31

Expected expenses: 25533730

Per hectare expenses: 418586

Forest Range Gorbi
Forest Division Singrauli
Forest Circle Riwa, Madhya Pradesh

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Alternative Plantation under the mixed plantation
Place: Dala Khasra No. 1346, 1321, 1328, 1326,
1325, 1330, 1332, 1331, 1333, 1307, 1308, total 11
plots (in 2 part), total area of 61.7 hectare
Forest Range – Gorbi

Proposed Work and propriety

Sr. No.	Proposed work	Propriety of the proposed work				
1.	No. of the plants to be planted	61000				
2.	Selection of the species of the plant to be planted	Name of the species	No. of the plants	Age of the plants (in year)	Height of the plants (in cm)	Rounding conference (in cm)
		Shisu	15250	1 year	45 cm	2 to 2.5
		Karanj	6100	1 to 2	90 cm	3 to 5
		Neem	12200	1 year	45 cm	2 to 2.5
		Awla	3050	1 year	45 cm	2 to 2.5
		Baheda	1830	1 year	45 cm	2 to 2.5
		Chiraul	6100	1.5 to 2	45 cm	2.5 to 3
		Kala Siras	6100	1 year	45 cm	2 to 2.5

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		Mahua	1200	1.5 to 2	45 cm	2.5 to 3
		Sagaun	9150	1 to 1.5	45 cm	3.5 to 5
		Total	6100 0			
3.	Soil and Water conservation work	25 percent of the amount of the first year under the soil and water conservation work has been provisioned in the area, wherein the work of small water harvesting structure, pond, check dam, etc. has been proposed.				
4.	Security of the area	The plantation area will be secured by installing the chain link facing and the RCC pole.				
5.	Reproduction cleaning	The work of singling of copies obtained from the dressing work in the area will be executed by the security staffs in the second or third year. The birlan work in the area will be executed as per the provisions laid down in the work plan.				
6.	Silri Culture Operation	The work of lantana elimination in the area will be conducted in the 1 st year. In the second and third year, the denunciation work will be conducted for three times. In the fourth and fifth year, the denunciation work will be conducted for two times.				
7.	Maintenance	The maintenance work will be conducted for 10 years after the plantation.				
8.	Monitoring and	On 1 st May and 1 st October of every year, the calculation of the alive plants and the				

	valuation work	<p>rounding up will be counted after the plantation. This calculation will be recorded in the plantation register. Following will be the details of the monitoring and valuation work to be made by the various officers from time to time: -</p> <ul style="list-style-type: none">100 percent – Range Assistant50 percent by the Range Officer10 percent by the Forest Division Officer. <p>The valuation to be made by the State Government from the Non -Government/ Government Instituted will be other than this.</p> <p>On the lapsing of the maintenance period, the plants will obtain the durability/ permanency.</p>
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**PROJECT REPORT FOR THE MIXED PLANTATION
WORK**

Part 1 – general details

1. Detail of the plan: -

Name of the plan	Alternative plantation
Name of the project	Andhra Pradesh Minerals Development Corporation Vijaywada
(i) District	Singrauli
(ii) Forest Division	Singrauli
(iii) Forest Range	Gorbi
(iv) Tehsil	Chitrangi
(v) Dev. Block	Chitrangi
(vi) Assembly constituency	Chitrangi
(vii) Nearest range assistant circle	Dudhmaniyan
(viii) Nearest circle/ campus	Dudhmaniyan
2. Information of the special site	
(i) Rural forest committee	N.A.

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(ii)	Forest Division and cell No	N.A.
(iii)	Minutes	N.A.
(iv)	Managing category	N.A.
(v)	Type of the forest	N.A.
(vi)	Growing stock	N.A.
(vii)	Age category	N.A.
(viii)	Site quality	N.A.
(ix)	Proposed site	The proposed site is located in the revenue land village Dala i.e. khasra No. 1346, 1321, 1328, 1326, 1325, 1330, 1332, 1331, 1333 (first part – 54 hectare), 1307, 1308 (second part 7.7 hect.), total of 11 plots having the total area of 61.7 hectare (in two parts). The said land is uneven/rough, bumpy, rocky soil, in which the house has been constructed, crop has been sown, and plowing the field, by

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	<p>making the illegal encroachment in most of its part. There is one pond in the proposed site. It would be proper to take the said site by the Forest Department after releasing the said proposed site by the Revenue Department from the illegal encroachment. Then only, the alternative plantation can be made on the said land.</p>
--	---

3. Details of the committee: -

- i. Type of the constituted committee – N.A.
- ii. Headquarter of the Committee – N.A.
- iii. Name of the chairman of the committee – N.A
- iv. Name of the nearest campus guard/warden – Shri Jitendra Yadav
- v. Name of the nearest range assistant – Shri RK Mishra, N.F.A.

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4. Physical status and construction of the proposed area for the treatment

i. Slip direction (Aspect) – East

Gradient – Tilt from the centre

Topography – Hill, uneven area

Geology – additional Vindhya System

Tor/ Shell – Sandston, quartzite, slate, conglomerate and niece

ii. Type of soil – Sandy to sandilome

iii. Average annual rain – 1100 mm

iv. Area of the soft soil - 0 hect.

v. Area of the hard soil – 61 hect.

vi. Expenses wise (primarily lantana) – 15 hect.

vii. Area of the deformed bamboo – N.A.

viii. biological pressure –

Type	Biological Pressure		
	Excessive	Average	Negligible
Wild Life	X	X	Y
Charai	Y	X	X
Human	Y	X	X

7. plan period – from 2020 – 21 to 2030 – 31

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8. Expected amount to be expensed on the plan –
25533730/-

(The detailed estimation and the treatment plan are
enclosed separately)

Sd/- Sd/-
Forest Range Officer Dy. Forest Div. Officer
Forest Range Gorbi Dy. Forest Div. Gorbi

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Part 2

CERTIFICATE

This is to certify that by taking a tour of the proposed area, I have prepared/ collected the necessary details. The said land is uneven/ rough, bumpy, rocky soil, in which the house has been constructed, crop has been sown, and plowing the field, by making the illegal encroachment in most of its part.

Sd/-
RK Mishra
Range Assistant
Dhumania

Sd/-
Shri Jitendra Yadav
Forest Guard
Beet Guard
Dhumania

As
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This is to certify that by taking a tour of the proposed area, I have prepared/ collected the necessary details. The said land is uneven/ rough, bumpy, rocky soil, in which the house has been constructed, crop has been sown, and plowing the field, by making the illegal encroachment in most of its part.

Sd/-
Forest Range Officer
Forest Range Gorbi

As
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This is to certify that I have inspected the proposed site and the aforesaid information found to be correct at the time of the inspection. The said land is uneven/ rough, bumpy, rocky soil, in which the house has been constructed, crop has been sown, and plowing the field, by making the illegal encroachment in most of its part. It would be proper to take the said site by the Forest Department after releasing the said proposed site by the Revenue Department from the illegal encroachment. Then only, the alternative plantation can be made on the said land.

Sd/-
Forest Range Officer
Forest Range Gorbi

Sd/-
Dy. Forest Division Officer
Dy. Forest Division Gorbi

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Appendix – 2

Mixed Plantation

First Year field making (year 2020 - 21) – First year of the planning

No. 1000 plants per hectare

Site – Dala being khasra No. 1346, 1321, 1328, 1326, 1325, 1330, 1332, 1331, 1333, 1307, 1308, total of 11 plots (in two parts) total of 61.7 hectare area.

Daily wage rate – 318.00

Detail of the plantation area				Area 61 hectare			(unirrigated)	
Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	H.D.	In Rs.			
1.	Survey and demarcation hec.	61	Ha	0.45	Ha	27	8729	Job rate
2.	Construction of the pakka towers	101	Tower	16	Tower	1616	513888	On the basis of the calculation
3.	Demarcation in the area of treatment type (Along with	61	Ha	1.00	-	61	19398	Estimated

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	articles/ goods) hect.							
4.	Area Cleaning (Hect.)	61	Ha	4.00	Per hect.	244	77592	Job rate
5.	Lantana Elimination Work as per the requirement of the area (Medium)	15	Ha	12.50	Per hec.	188	59625	Job rate
6.	Rounding of the plantation area 1.8 m height, mess size of 75 mm x 75 mm, with 12 gate chain facing, also with the installation of the cement pole at the	8221	Rmt	2.4	Rmt	19730	6274267	On the basis of the calculation

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	gape of 2.50 mtr. Apart from it, the barbed wire of 6 mt./ per kilo will be installed in three lines. The cement pole will be installed in the pits of 30 cm x 30 cm x 45 cm with the cement concrete ratio of 1:2:4							
7.	Digging the Pit for skating and alignment	6100	Pit	2.5	Per thousand	153	48495	Job rate

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8.	Digging No. for the plantation						0	
	45x45x45 cm	61000	Pit	5	per thousand	3050	969900	Job rate
9.	30 percent of the purchase volume for changing the soil in the pit	1667.59	Cu.mtr.	1.5	Cu. Mtr.	2501	795439	Market rate
10.	15 percent of the purchase volume for putting the cow dung fertilizer	833.794	Cu. Mtr.	3	cu. Mtr.	2501	795439	Market rate
11.	By preparing the mixture of the fertile soil, local soil and the organic	61000	Pit	1.5	Per hundred	915	290970	Job rate

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	fertilizer, put it into the pit							
12.	Hut construction		LS			240	76320	Estimated
13.	Other expenses (inspection road, notice board, paint, lime, etc.					200	63600	Estimated
	Total					31427	9993663	
14.	25 percent of the land water conservation		50 hect.		Per hect.	7857	2498416	Estimated
Grand Total						39283	12492078	

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Second Year of the plan

(Unirrigated)

Daily wage rate – 351.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.	W.D.		
1.	Planting work							
	Plant purchase No. for the first planting	61000	Plants	0.03546	Plant	2163	687853	Market rate
	No. of plant for exchanging the dead plans – 20 percent	12200	Plants	0.03546	Plant	433	137571	Market rate
3.	Transportation of the Plants (No.)							
	By Truck/ tractor	73200	Plants	1.5	Hundred	1098	349164	Job rate

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	Carrying on head for 1 km	73200	Plants	0.4	Per hundred	292.8	93110	Job rate
4.	Lantana mapping up operation	15	Hectare	8	Per hectare	120	38160	Job rate
5.	Planting							
	45x 45 x 45 cm	61000	Pits	1.8	Per hundred	1098	349164	Job rate
6.	First weeding							
	In plants	61000	Pits	1.25	100	762.5	242475	Job rate
7.	Second weeding							
	In plants	61000	Pits	1	100	610	193980	Job rate
8.	Third weeding							
	In plants	61000	Per hundred	1	100	610	193980	Job rate
9.	Spraying the pesticides and fertilizer	61000	Pits	0.6	Per hundred	366	116388	Job rate

10.	Internal fire security line (line, on and off)							
	6 mtr. broad	600	Mtr.	3.35	Km	20	6392	Job rate
	3 mtr. broad	15000	Mtr.	2.25	Km	34	10733	Job rate
11.	Security 2 labour 9 months		1 x 9			540	171720	Estimated
12.	Irrigation as per the availability	61000			Lumpsum	700	222600	Estimated
13.	Other expenses (purchasing the pesticides and fertilizer etc.)					200	63600	Estimated
Total						9047	2876889	
Labour Wage increment (1.060 percent)						9590	3049503	

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Third Year of the plan

(Unirrigated)

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Chain link facing repairing work					80	25440	Market rate
2.	First weeding							
	In plants	61000		1.25	100	763	242475	Job rate
3.	Second weeding							
	In plants	61000		1	100	610	193980	Job rate
4.	Third wedding							
	In plants	61000	Pits	1	100	610	193980	Job rate
5.	Internal fire security line (line, on and off)							
	6 mtr. broad	6000	Mtr.	3.35	Km	20	6392	Job rate

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	3 mtr. broad	15000	Mtr.	2.25	Km	34	10733	Job rate
10.	By Security Committee / 2 security labour	12	Month			720	228960	Estimated
7.	Irrigation as per the availability		Pits		Lumsum	700	222600	Estimated
8.	Other expenses					200	63600	Estimated
Total						3736	1188159	
Labour wage increment (1.1236 percent)						4198	1335016	

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Fourth Year of the plan

(Unirrigated)

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Planting expenses (for the replantation of the 10 percent plants)	6100		0.03546	Plants	216	68785	Market rate
2.	Transportation of the plants (No.)							Market rate
	By truck/ tractor	6100		1.5	100	92	29097	Job rate
	Carrying on head for 1 km	6100		0.4	Hundred	24	7759	Job rate
4.	First weeding							

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	In plants	6100		1.25	100	763	242475	Job rate
5.	Second weeding							
	In plants	61000		1	100	610	193980	Job rate
6.	Internal fire security line							
	6 mtr. broad	6000	Mtr.	3.35	Km	20	6392	Job rate
	3 mtr. broad	15000	Mtr.	2.25	Km	34	10733	Job rate
9.	By Security Committee / security labours		12 months			360	114480	Estimated
10.	Other expenses (purchasing the pesticides and fertilizer etc.)					200	63600	Estimated
Total						2319	737301	
Labour wage increment (1.191 percent)						2761	878125	

Field preparation year - Fifth Year of the plan

(Unirrigated)

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Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Chain link facing repairing work (meter)					100	31800	Estimated
2.	First weeding							
	In plants	61000	40000	1.25	1.25/100	763	242475	Job rate
3	Second weeding							
	In plants	61000	40000	1	1	610	193980	Job rate
4.	Internal fire security line (line, on and off)							
	6 mtr. broad	6000	Mtr.	3.35	3.35/ km	20	6392	Job rate

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	3 mtr. broad	15000	Mtr.	2.25	2.25/ km	34	10733	Job rate
5.	By Security Committee / 2 security labour		12 months			720	228960	Estimated
6.	Other expenses					50	15900	Estimated
Total						2246	714339	
Labour wage increment (1.2625 percent)						2836	901853	

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Sixth Year of the plan

(Unirrigated)

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Internal fire security line (line, on and off)							
	6 mtr. broad	6000	Mtr.	3.35	Km	20	6360	Job rate
	3 mtr. broad	15000	Mtr.	2.25	Km	34	10812	Job rate
2.	By Security Committee / security labour		12 months			720	228960	Estimated
3.	Other expenses					50	15900	Estimated
Total						824	262032	
Labour wage increment (1.3382 percent)						1103	350651	

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Seventh Year of the plan 2027 – 28

(Unirrigated)

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Internal fire security line (line, on and off)							
	6 mtr. broad	6000	Mtr.	3.35	Km	20	6392	Job rate
	3 mtr. broad	15000	Mtr.	2.25	Km	34	10733	Job rate
2.	By Security Committee / 2 security labour		12 months			720	228960	Estimated
3.	Other expenses					50	15900	Estimated
Total						824	261984	
Labour wage increment (1.4185 percent)						1169	371625	

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Eight Year of the plan

(Unirrigated)

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Internal fire security line (line, on and off)							
	6 mtr. broad	6000	Mtr.	3.35	Km	20	6360	Job rate
	3 mtr. broad	15000	Mtr.	2.25	Km	34	10812	Job rate
2.	By Security Committee / security labour		12 months			720	228960	Estimated
3.	Other expenses					50	15900	Estimated
Total						824	262032	
labour wage increment (1.504 percent)						1239	394096	

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Ninth Year of the plan

(Unirrigated)

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Internal fire security line							
	6 mtr. broad	6000	Mtr.	3.35	Km	20	6392	Job rate
	3 mtr. broad	15000	Mtr.	2.25	Km	34	10733	Job rate
2.	By Security Committee / 2 security labour		12 months			720	228960	Estimated
3.	Other expenses					50	15900	Estimated
Total						824	261984	
Labour wage increment (1.594 percent)						1313	417603	

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Tenth Year of the plan

(Unirrigated)

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Internal fire security line							
	6 mtr. broad	6000	Mtr.	3.35	Km	20	6392	Job rate
	3 mtr. broad	15000	Mtr.	2.25	Km	34	10733	Job rate
2.	By Security Committee / 2 security labour		12 months			720	228960	Estimated
3.	Other expenses					50	15900	Estimated
Total						824	261984	
Labour wage increment (1.69 percent)						1392	442753	

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Eleventh Year of the plan

(Unirrigated)

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Internal fire security line							
	6 mtr. broad	6000	Mtr.	3.35	Km	20	6392	Job rate
	3 mtr. broad	15000	Mtr.	2.25	Km	34	10733	Job rate
2.	By Security Committee / 2 security labour		12 months			720	228960	Estimated
3.	Other expenses					50	15900	Estimated
Total						824	261984	
Labour wage increment (1.79 percent)						1475	468952	

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Part 4

Goshwara of the expenses as per the estimation

Place/ Site: Dala, being khasra No. 1346, 1321, 1328, 1326, 1325, 1330, 1332, 1331, 1333, 1307, 1308, total of 11 plots (in two parts) total of 61.7 hectare area.

Sr. No.	Finance Year	Work Detail	Proposed (H.D.)	On increasing 6 % annually	Total proposed H.D.	Amount (H.D. rate 318/-)	Per hec. Expenses
1.	(2020-21)	First year - Field making work	39283	1.000	39283	12492078	204788
2.	(2021-22)	Second year - Plantation work	9047	1.060	9590	3049503	49992
3.	(2022-23)	Third year - first year of the	3736	1.124	4198	1335016	21886

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		Maintenance work					
4.	(2023-24)	Fourth year – second year of the Maintenance work	2319	1.191	2761	878125	14395
5.	(2024-25)	Fifth year – third year of the Maintenance work	2246	1.263	2836	901853	14784
6.	(2025-26)	Sixth year – fourth year of the	824	1.338	1103	350651	5748

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		Maintenance work					
7.	(2026-27)	Seventh year – fifth year of the Maintenance work	824	1.419	1169	371625	6092
8.	(2027-28)	Eighth year – sixth year of the maintenance work	824	1.504	1239	394096	6461
9.	(2028-29)	Ninth year – seventh year of the	824	1.594	1313	417603	6846

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		maintenance work						
10.	(2029-30)	Tenth year – eighth year of the maintenance work	824	1.690	1392	442753	7258	
11.	(2030-31)	Eleven year – ninth year of the maintenance work	824	1.790	1475	468952	7688	
Grand total			61575		66359	21102256	345939	
Other expenses								
1.	Work of faith (5% of the expenses of total 10 years)		21102256	5%	1055113			
2.	Valuation and monitoring work – (1% of the expenses of total 10 years)		21102256	1%	211023			
	Total				2110226			
	Grand total				23212482			

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4.	Supervision fee (10% of the grand total)	23212482	10%	2321248		
	Grand total			25533730		
	Per hectare expenses (in Rs.)			418586		
	Grand total	25533730				
	Expenses per hectare	418586				

Sd/-
Forest Range Officer,
Forest Range Gorbi

Sd/-
Dy. Forest Division Officer,
Dy. Forest Division Gorbi

Sd/-
Forest Division Officer
Forest Division Singrauli (S.)

As
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FOREST LAND FITNESS/ SUITABILITY
CERTIFICATE FOR THE ALTERNATIVE
PLANTATION

This is to certify that M/s. The Andhra Pradesh Minerals Development Corporation Limited Suliyari Coal Mine Project has found the encroachment in the area of 96 hectare of non forest land provided by the Collector and District Magistrate, District Singrauli in lieu of the area of 226.349 hectare forest land of the Cell No. RF 338, 358, 359 and PF 315 of the Forest Range East Sarai of the forest division Singrauli and the area of 32.89 hectare revenue forest land of the different khasras of Tehsil Sarai, totaling to 259.239 hectare of forest and revenue forest land, for the coal mining. In relation to which as per the instruction received from the Additional Principal Chief Forest Conservator (Land Management) Madhya Pradesh, Satpuda Bhawan, Bhopal vide the Pg. NO./ F-1/2020/ 10-11/3356 Bhopal, dated 05.10.2020, the Collector vide its letter No./131/ Pra./2020 Singrauli, dated 29.09.2020, by evicting the encroachment of the said lands from the final approval of the Government of India, has issued the no objection certificate for handing over the same

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to the Forest Department. The said received non forest land was inspected and in the inspection/ survey, it was found that out of the Non forest land having the total area of 96.000 hectare, the land viz. khasra No. 922 of village Bagdari having an area of 25 hectare and the khasra No. 1346, 1321, 1328, 1326, 1325, 1330, 1332, 1331, 1333, 1307, 1308 of village Dala having the area of 61.70 hectare, total area of 86.000 hectare, have been found fit/ appropriate for the alternative plantation and the said area is perfect for the treatment work of plantation.

Sd/-
(Vijay Singh)
Forest Division Officer
Forest Division Singrauli (General)

(TRUE TRANSLATED COPY)

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ANNEXURE P -

Office of Chief Forest Conservator and Field
Operator, Sanjay Tiger Reserve
Shivaji Nagar, Naudhia, District – Sidhi, 486661
(Madhya Pradesh)

ORDER

No./M.C./2020/ 849/ Sidhi, Date: __.__.2020

By using the power conferred under the Memorandum No./ 621/ Rule/ Four/ Bhopal dated 30.09.2003 of the Department of Finance, Government of Madhya Pradesh, the Superintendent, Bagdara Sanctuary vide its letter No./ 451 dated 13.08.2020 and the Range Officer, Bagdara Sanctuary vide its letter No./ 544 dated 10.08.2020, the technical approval of the project for the 11 years alternative afforestation/ tree planting/ plantation work is hereby approved/ granted as per the following details: -

Sr. No.	Beet Name	Village Name	Area (in Hect.)	Invest. Amt. (for 11 years)
1.	Harma	Harma	46.17	14818870.00
Total: -			46.17	14818870.00

The expenses to be made on the aforesaid project will be detachable under the CAMPA column: -

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Terms: -

1. In the letter No. land survey/ budget/ ten/ 1415, dated 24.02.2004 of the Chief Forest Conservator (Land-Survey), Bhopal, Madhya Pradesh regarding the success of the alternative tree planting, the percentage of the alive/ living plants will be necessarily atleast 75 percent in compliance of the instruction/ order passed by the Hon'ble Supreme Court in the IA No. 574 dated 08.09.2000. In this sequence, the Principal Chief Forest Conservator by reconsidering on this point/ issue, has issue the following instructions: -
2. In all the alternative plantations/ tree planting, the percentage of the alive/ living trees should not be less than 75 percent as per the instruction of the Hon'ble Supreme Court in the IA No. 574 dated 08.09.2000.
3. The plan of the alternative plantations/ tree planting be made seriously and the portion of the plan of technical and financial be made/ planned in such a way that it proves helpful in maintaining the percentage of the alive/ living

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plants atleast 75 percent. The calculation of the percentage of the alive/ living be made in the month of May in each of the year.

4. In case the No. of alive/ living trees reduce more than 75 percent as per the determination/ fixation of the Hon'ble Supreme Court, the said tree planting/ plantation would not be kept in the category of the alternative tree planting/ plantation and the necessary disciplinary action will be taken against the accused officers/ employees for such failure.
5. The work will be executed as per the rules of the approved plan and the labours/ workers engaged in the work will be paid as per the daily wage fixed by the Government.
6. The increment at the rate of 10 percent in the wage per year has been provisioned in the project report, still in case the wage is increment more than this rate, then the difference amount will be paid by the concerned institute/ organization.

Sd/-
(AK Mishra)
Chief Forest Conservator and
Field Operator,
Sanjay Tiger Reserve, Sidhi

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No./M.C./2020/ 4545/

Sidhi, Date: 31.08.2020

Copy to:-

1. Accountant General, Gwalior, Madhya Pradesh – sent for information
2. Principal Chief Forest Conservator (Wild Life), Bhopal, Madhya Pradesh – sent for information
3. Additional Principal Chief Forest Conservator (Land Management), Bhopal, Madhya Pradesh – sent for information
4. Chief Forest Conservator, Riwa Circle, Riwa – sent for information
5. Collector, District Singrauli, Madhya Pradesh – sent for information
6. Forest Divisional Officer, Forest Division Singrauli – forwarded
7. Superintendent, Bagdara Sanctuary, Sidhi – sent for information
8. Range Officer, Bagdara – sent for information
9. Executive Director, Andhra Pradesh Minerals Development Corporation, Vijaywada, Andhra Pradesh – forwarded for information and necessary action

Encl.: Estimation

Sd/-
Chief Forest Conservator and
Field Operator,
Sanjay Tiger Reserve, Sidhi

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Model Scheme for the compensatory plantation/ afforestation (Area – 46.170 hectare)

(Unirrigated)

Detail of the plantation area:

Area – 46.170 hectare

Beet – Harma (Village – Harma)

Field Preparation year – first year of the plan/ scheme 2021 – 22

No. 1000 plant per hectare

Daily wage rate – 334.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Survey and demarcation hec.	46.17	Ha	0.45	150.3	20.78	6939.35	Job rate
2.	Construction of the pakka towers	60	Tower	-	6000	-	360000.00	On the basis of the calculation

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3.	Demarcation in the area of treatment type (Along with articles/goods) hect.	46.17	Ha	1.00	334	46.17	15420.78	Estimated
4.	Area Cleaning (Hect.)	46.17	Ha	4.00	1336	184.68	61683.12	Job rate
5.	Lantana Elimination Work as per the requirement of the area (Medium)	23	Ha	12.50	4175	287.50	96025.00	Job rate
6.	Purchasing the treated pole (height 1.80 mtr. thickness 10 x 10 cm) two additional pole on each 10 th pole for the support, 10 percent additional tilt support at	1440	Per piece	-	135	-	194400.00	Market value

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	the gap of 2.50 – 2.50 mtr.							
7.	Purchasing the channeling facing, complete material of size 3" x 3" made of 10 gaze wire, 1.20 mtr. height	3270	Per sq. mtr.	-	110	-	359700.00	
8.	Purchasing the barbed wire 12 gaze, two lines above and one line below amongst the three lines (6 RM/ Kg)	1360	Per kg.	-	100	-	136000.00	
9.	Purchasing the material cement, sand, concrete	48	Per cu. Mtr.	-	3890	-	186720.00	

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	pole fixing (cement concrete 1:3:6) 30x30x45 = 1310 pits (60 percent material at the rate of 3890 per cu. Mtr. in SOR No. 4.1.2.2 of PWD, @ 40 percent wage - amount of the material rate							
10.	Labour work for the channeling facing (following works be considered included in the labour work): - 1. Carrying from the travel point to pole pit	2.720	Per km	85.00	28390	231.20	77220.80	

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	<p>and installing the pole in the pit, to execute the concreting work by preparing the cement concrete (along with the labour wage) and to spray the water for the next 4 days</p> <p>2. Carrying the chain link or cable from the travelling point to facing site, by connecting the cable or chain link or the barbed with the pole and fix it,</p>							
--	---	--	--	--	--	--	--	--

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	nailing, levelling the soil in the earth level							
11.	Barbed and tying the chain link with the binding wire	8160	Per r. m.	0.16	53.44	1305.60	436070.40	
12.	Digging the pit 30 x 30 x 45 cm for the facing	1310	Per hundred	3.8	1269.2	49.78	16626.52	
13.	Stacking and alignment for digging the pit	46170	Per thousand	2.5	835	115.43	38551.95	Job rate
14.	No. of digging the pit for the planting							
	45 x 45 x 45 cm	46170	Per hundred	5	1670	2308.50	771039.00	job rate
15.	30 percent of the purchase volume for	1262	cub. Mtr.	1.5	501	1893.00	632262.00	Market rate

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	changing the soil in the pit							
16.	15 percent of the purchase volume for putting the cow dung	631	Cub. Mtr.	3	1002	1893.00	632262.00	Market rate
17.	By making the mixture of fertile soil, local soil and organic fertilizer, put it in the pit	46170	Per hundred	1.5	501	692.55	231311.70	Job rate
18.	Making of 1 hut		L.S.				50000.00	Estimated
19.	25 percent of land water conservation work (construction of the check dam of stone		11.55 hectare					Estimated

	at the rate of 50 cu. Mr. per hectare)							
	Construction of check dam of stone	580	Cu.mtr.	1	334	580.00	193720.00	
TOTAL							4495952.62	
20.	Other expenses including (observation path, notice board, paint, lime, rope, etc.)	-	-	-	-		84047.38	Estimated
Grand Total							4580000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

As
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Second Year of the plan (Planting work) 2022 – 23

(Unirrigated)

Daily wage rate – 351.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Planting work							
	Plant purchase No. for the first planting	46170	Per piece	-	12	-	554040.00	Market rate
	No. of plant for exchanging the dead plans – 20 percent	9234	Per piece	-	12	-	110808.00	Market rate
2.	Plant loading and unloading	55404	Per thousand	4	1404		77787.22	
3.	Transportation of the Plants (No.)							

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	By Truck/ tractor	55404	Per hundred	1.5	526.5	831.06	291702.06	Job rate
	Carrying on head for 1 km	55404	Per hundred	0.4	140.4	221.62	77787.22	Job rate
4.	Lantana mapping up operation	12	Per hect.	8	2808	96.00	33696.00	Job rate
5.	Planting							
	45x 45 x 45 cm	46170	Per hundred	1.8	631.8	831.06	291702.06	Job rate
6.	First weeding							
	In plants	46170	Per hundred	1.25	438.8	577.13	202570.88	Job rate
7.	Second weeding							
	In plants	46170	Per hundred	1	351	461.70	162056.70	Job rate
8.	Third weeding							
	In plants	46170	Per hundred	1	351	461.70	162056.70	Job rate
9.	Spraying the pesticides and fertilizer	46170	Per hundred	0.6	210.6	277.02	97234.02	Job rate

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10.	Internal fire security line (line, on and off)							
	6 mtr. broad	1500	Mtr.	3.35		5.03	1763.78	Job rate
	3 mtr. broad	1200	Mtr.	2.25		2.70	947.70	Job rate
11.	Security 2 labour 9 months	2 x 9	Per month		9126	468.00	164268.00	Estimated
12.	Irrigation as per the availability	46170				1085.00	380835.00	Estimated
Total							2609255.32	
13.	Other expenses (purchasing the pesticides and fertilizer and the repairing work, inspection of road)						70744.68	Estimated
Grand Total						5318	2680000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Third Year 2023 – 24 of the plan

(Unirrigated)

Daily wage rate –369.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Planting expenses (for the replantation of the 10 percent plants)	4617	Per piece	-	14	-	64638.00	Market rate
2.	Plant loading and unloading	4617	Per thousand	4	1476	18.47	6814.69	
3.	Transportation of the plants (No.)							Market rate
	By truck/ tractor	4617	Per hundred	1.5	553.5	69.26	25555.10	Job rate

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	Carrying on head for 1 km	4617	Per hundred	0.4	147.6	18.47	6814.69	Job rate
4.	Chain link facing repairing work (meter)	816	Per r.mtr.	0.12	44.28	97.92	36132.48	Estimated
5.	First weeding							
	In plants	46170	Per hundred	1.25	461.25	577.13	212959.13	Job rate
6.	Second weeding							
	In plants	46170	Per hundred	1	369	461.70	170367.30	Job rate
7.	Third wedding							
	In plants	46170	Per hundred	1	369	461.70	170367.30	Job rate
8.	Spraying the pesticides and fertilizer	46170	Per hundred	0.6	221.4	277.02	102220.38	Job rate

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9.	Internal fire security line (line, on and off)							
	6 mtr. broad	1500	Mtr.	3.35	1236.15	5.03	1854.23	Job rate
	3 mtr. broad	1200	Mtr.	2.25	830.25	2.70	996.30	Job rate
10.	By Security Committee / 2 security labour	12	month		9594	624.00	230256.00	Estimated
11.	Irrigation as per the availability	46170				1085.00	400365.00	Estimated
Total							1429340.59	
12.	Other expenses (purchasing the pesticides and fertilizer and the repairing work, inspection of road)						70659.41	Estimated
Grand Total						3698	1500000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

As
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Fourth Year of the plan 2024 – 25

(Unirrigated)

Daily wage rate – 387.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Planting expenses (for the replantation of the 10 percent plants)	4617	Per piece		16	-	73872.00	Market rate
2.	Plant loading and unloading	4617	Per thousand	4	1548	18.47	7147.12	
3.	Transportation of the plants (No.)							Market rate

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	By truck/ tractor	4617	Per hundred	1.5	580.5	69.26	26801.69	Job rate
	Carrying on head for 1 km	4617	Per hundred	0.4	154.8	18.47	7147.12	Job rate
4.	First weeding							
	In plants	46170	Per hundred	1.25	483.75	577.13	223347.38	Job rate
5.	Second weeding							
	In plants	46170	Per hundred	1	387	461.70	178677.90	Job rate
6.	Spraying the pesticides and fertilizer	46170	Per hundred	0.6	232.2	277.02	107206.74	Job rate
7.	Internal fire security line (line, on and off)							

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	6 mtr. broad	1500	Mtr.	3.35	1296.45	5.03	1944.68	Job rate
	3 mtr. broad	1200	Mtr.	2.25	870.75	2.70	1044.90	Job rate
9.	By Security Committee / 2 security labours	2 x 12	Per month		10062	624.00	241488.00	Estimated
Total							868677.51	
10.	Other expenses (purchasing the pesticides and fertilizer and the repairing work , inspection of road)						46322.49	Estimated
Total						2054	915000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

As
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Field preparation year - Fifth Year of the plan 2025 – 26

(Unirrigated)

Daily wage rate – 406.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Chain link facing repairing work (meter)	816	Per r. mtr.	0.12	48.72	97.92	39755.52	Estimated
2.	First weeding							
	In plants	46170	Per hundred	1.25	507.5	577.13	2	Job rate
3.	Spraying the pesticides and fertilizer	46170	Per hundred	0.6	243.6	277.02	112470.12	Job rate

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5.	Internal fire security line (line, on and off)							
	6 mtr. broad	1500	Mtr.	3.35	1360.1	5.03	2040.15	Job rate
	3 mtr. broad	1200	Mtr.	2.25	913.5	2.70	1096.20	Job rate
5.	By Security Committee / 2 security labour	2 x 12	Per month		10556	624.00	253344.00	Estimated
Total							643018.74	
6.	Other expenses (purchasing the pesticides and fertilizer and the repairing work, inspection of road)						41981.26	Estimated
Grand Total						1584	685000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Sixth Year of the plan 2026 – 27

(Unirrigated)

Daily wage rate – 426.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Internal fire security line (line, on and off)							
	6 mtr. broad	1500	Mtr.	3.35	1427	5.03	2140.65	Job rate
	3 mtr. broad	1200	Mtr.	2.25	958.5	2.70	1150.20	Job rate
2.	By Security Committee / 2 security labour	2 x 12	Per month		11076	624.00	265824.00	Estimated
Total							269114.85	

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3.	Other expenses (purchasing the pesticides and fertilizer and the repairing work, inspection of road)						25885.15	Estimated
Grand Total						632	295000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Seventh Year of the plan 2027 – 28

(Unirrigated)

Daily wage rate – 447.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Internal fire security line (line, on and off)							
	6 mtr. broad	1500	Mtr.	3.35	1497.45	5.03	2246.18	Job rate
	3 mtr. broad	1200	Mtr.	2.25	1005.75	2.70	1206.90	Job rate
2.	By Security Committee / 2 security labour	2 x 12	12 months		11622	624.00	278928.00	Estimated
Total							282381.08	
3.	Other expenses						22618.93	Estimated
Grand Total						632	305000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Eight Year of the plan 2028 – 29

(Unirrigated)

Daily wage rate – 469.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	By Security Committee / 2 security labour	2 x 12	12 months		12194	624.00	292656.00	Estimated
Total							292656.00	
3.	Other expenses						9344.00	Estimated
Grand Total						624	302000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Ninth Year of the plan 2029 – 30

(Unirrigated)

Daily wage rate – 492.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	By Security Committee / 2 security labour	2 x 12	12 months		12792	624.00	307008.00	Estimated
Total							307008.00	
3.	Other expenses						7992.00	Estimated
Grand Total						624	315000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Tenth Year of the plan 2030 – 31

(Unirrigated)

Daily wage rate – 517.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	By Security Committee / 2 security labour	2 x 12	12 months		13442	624.00	322608.00	Estimated
Total							322608.00	
3.	Other expenses						5392.00	Estimated
Grand Total						624	328000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

S d/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Eleventh Year of the plan 2030– 31

(Unirrigated)

Daily wage rate – 543.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	By Security Committee / 2 security labour	2 x 12	12 months		14118	624.00	338832.00	Estimated
Total							338832.00	
3.	Other expenses						3168.00	Estimated
Grand Total						624.00	342000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Goshwara, Model plantation 46.170 hecrate (unirrigated)

Sr. No.	Finance Year	Work Detail	Wage Rate (with 5% increment for each year)	Amount	Area (in Hect.)	Per Hectare Expenses	Remarks
1.	First year (2021-22)	Field making work	334.00	4580000.00	46.17	99198.61	
2.	Second year (2022-23)	Plantation work	351.00	2680000.00	46.17	58046.35	
3.	Third year (2023-24)	Maintenance work	369.00	1500000.00	46.17	32488.63	
4.	Fourth year (2024-25)	Maintenance work	387.00	915000.00	46.17	19818.06	

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5.	Fifth year (2025-26)	Maintenance work	406.00	685000.00	46.17	14836.47	
6.	Sixth year (2026-27)	Maintenance work	426.00	295000.00	46.17	6389.43	
7.	Seventh year (2027-28)	Maintenance work	447.00	305000.00	46.17	6606.02	
8.	Eighth year (2028-29)	Maintenance work	469.00	302000.00	46.17	6541.04	
9.	Ninth year (2029-30)	Maintenance work	492.00	315000.00	46.17	6822.61	
10.	Tenth year (2030-31)	Maintenance work	517.00	328000.00	46.17	7104.18	
11.	Eleven year (2031-32)	Maintenance work	543.00	342000.00	46.17	7407.41	
First Total (of expenses in eleven years)				12247000.00	46.17	265258.83	

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1.	Work of faith (JFM etc.) 5% of the expenses of total 11 years	5%	612350.00	46.17	13262.94	
2.	Human Resources Development Work – 1% of the expenses of total 11 years	1%	122470.00	46.17	2652.59	
3.	Valuation and monitoring work – 4% of the expenses of total 11 years	4%	489880.00	46.17	10610.35	
Second total (along with expenses in 11 years)			13471700.00	46.17	291784.71	
4.	Work charge contingency and supervision 10% (of second total)	10%	1347170.00	46.17	29178.47	
Grand total			14818870.00	46.17	320963.18	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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CERTIFICATE

I have conducted the site inspection/ survey of the proposed site for the alternative plantation in lieu of the site effected by the Suliyari Coal Mines. After the inspection/ survey, the site is found to be fit for the plantation.

Sd/-
Range/ Area Officer
Bagdara Sanctuary
STR, Sidhi, Sidhi
(Madhya Pradesh)

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I have conducted the site inspection/ survey of the proposed site for the alternative plantation in lieu of the site effected by the Suliyari Coal Mines. After the inspection/ survey, the site is found to be fit for the plantation.

Sd/-
Superintendent
Bagdara Sanctuary
STR, Sidhi,
(Madhya Pradesh)

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I have certified the inspection of the site inspection/ survey of the proposed site for the alternative plantation in lieu of the site effected by the Suliyari Coal Mines made by the Superintendent and the Area Officer, Bagdara Sanctuary. After the inspection/ survey, the site is found to be fit for the plantation.

Sd/-
Joint Director
STR, Sidhi,
(Madhya Pradesh)

Approval

Sd/-
Chief Forest Conservator and Area Controller
STR, Sidhi (Madhya Pradesh)

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**Treatment Map Showing the proposed
compensatory afforestation (CA) Land for
APMDC in village – Harma, Tehsil – Chitrangi,
District – Singrauli, State M.P.**

Treatment Map in Scale: 1:15000

MAP

Sd/-
Range Officer

Sd/-
SDO

Sd/-
Div. Forest Off.

(TRUE TRANSLATED COPY)

As
TRUE COPY

ANNEXURE P -

Office of Chief Forest Conservator and Field
Operator, Sanjay Tiger Reserve
Shivaji Nagar, Naudhia, District – Sidhi, 486661
(Madhya Pradesh)

ORDER

No./M.C./2020/ 841/ Sidhi, Date: 31.08.2020

By using the power conferred under the Memorandum No./ 621/ Rule/ Four/ Bhopal dated 30.09.2003 of the Department of Finance, Government of Madhya Pradesh, the Superintendent, Bagdara Sanctuary vide its letter No./ 451 dated 13.08.2020 and the Range Officer, Bagdara Sanctuary vide its letter No./ 544 dated 10.08.2020, the technical approval of the project for the 11 years alternative tree planting/ plantation work is hereby approved/ granted as per the following details: -

Sr. No.	Beet Name	Village Name	Area (in Hect.)	Invest. Amt. (for 11 years)
1.	Jhaprhawa	Jhaprhawa	60.105	19239000.00
Total: -			60.105	19239000.00

The expenses to be made on the aforesaid project will be detachable under the CAMPA column: -

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Terms: -

1. In the letter No. land survey/ budget/ ten/ 1415, dated 24.02.2004 of the Chief Forest Conservator (Land-Survey), Bhopal, Madhya Pradesh regarding the success of the alternative tree planting, the percentage of the alive/ living plants will be necessarily atleast 75 percent in compliance of the instruction/ order passed by the Hon'ble Supreme Court in the IA No. 574 dated 08.09.2000. In this sequence, the Principal Chief Forest Conservator by reconsidering on this point/ issue, has issue the following instructions: -
2. In all the alternative plantations/ tree planting, the percentage of the alive/ living trees should not be less than 75 percent as per the instruction of the Hon'ble Supreme Court in the IA No. 574 dated 08.09.2000.
3. The plan of the alternative plantations/ tree planting be made seriously and the portion of the plan of technical and financial be made/ planned in such a way that it proves helpful in maintaining the percentage of the alive/ living

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plants atleast 75 percent. The calculation of the percentage of the alive/ living be made in the month of May in each of the year.

4. In case the No. of alive/ living trees reduce more than 75 percent as per the determination/ fixation of the Hon'ble Supreme Court, the said tree planting/ plantation would not be kept in the category of the alternative tree planting/ plantation and the necessary disciplinary action will be taken against the accused officers/ employees for such failure.
5. The work will be executed as per the rules of the approved plan and the labours/ workers engaged in the work will be paid as per the daily wage fixed by the Government.
6. The increment at the rate of 10 percent in the wage per year has been provisioned in the project report, still in case the wage is increment more than this rate, then the difference amount will be paid by the concerned institute/ organization.

Sd/-
(AK Mishra)

Chief Forest Conservator and
Field Operator,
Sanjay Tiger Reserve, Sidhi



No./M.C./2020/ 4536/

Sidhi, Date: 31.08.2020

Copy to:-

1. Accountant General, Gwalior, Madhya Pradesh – sent for information
2. Principal Chief Forest Conservator (Wild Life), Bhopal, Madhya Pradesh – sent for information
3. Additional Principal Chief Forest Conservator (Land Management), Bhopal, Madhya Pradesh – sent for information
4. Chief Forest Conservator, Riwa Circle, Riwa – sent for information
5. Collector, District Singrauli, Madhya Pradesh – sent for information
6. Forest Divisional Officer, Forest Division Singrauli – forwarded
7. Superintendent, Bagdara Sanctuarty, Sidhi – sent for information
8. Range Officer, Bagdara – sent for information
9. Executive Director, Andhra Pradesh Minerals Development Corporation, Vijaywada, Andhra Pradesh – forwarded for information and necessary action

Encl.: Estimation

Sd/-
Chief Forest Conservator and
Field Operator,
Sanjay Tiger Reserve, Sidhi

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Model Scheme for the compensatory plantation (Area – 60.105 hectare)

Unirrigated

Detail of the plantation area:

Area – 60.105 hectare

Beet – Jhaprhawa (Village – Jhaprhawa)

Field Preparation year – first year of the plan/ scheme 2021 – 22

No. 1000 plant per hectare

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Survey and demarcation hec.	60.105	Ha	0.45	150.3	27.05	9033.78	Job rate
2.	Construction of the pakka towers	75	Tower	-	6000	-	450000.00	On the basis of the calculation
3.	Demarcation in the area of treatment type	60.105	Ha	1.00	334	60.11	20075.07	Estimated

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	(Along with articles/ goods) hect.							
4.	Area Cleaning (Hect.)	60.105	Ha	4.00	1336	240.42	80300.28	Job rate
5.	Lantana Elimination Work as per the requirement of the area (Medium)	45	Ha	12.50	4175	562.50	187875.00	Job rate
6.	Purchasing the treated pole (height 1.80 mtr. thickness 10 x 10 cm) two additional pole on each 10 th pole for the support, 10 percent additional tilt support at the gap of 2.50 – 2.50 mtr.	1640	Per piece	-	135	-	221400	Market value

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7.	Purchasing the channeling facing, complete material of size 3" x 3" made of 10 gaze wire	3720	Per sq. mtr.	-	110	-	409200.00	
8.	Purchasing the barbed wire 12 gaze, two lines above and one line below amongst the three lines (6 RM/ Kg)	1550	Per kg.	-	100	-	155000.00	
9.	Purchasing the material cement, sand, concrete pole fixing (cement concrete 1:3:6) 60 percent material, 40 percent wager - as per	54	Per cu. Mtr.	-	3890	-	210060.00	

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	the 3890 per cubic meter in SOR No. 4.1.2.2 of the PWD) amount of the material rate							
10.	Labour work for the channeling facing (following works be considered included in the labour work): - 1. Carrying from the travel point to pole pit and installing the pole in the pit, to execute the concreting work by preparing the cement	3.00	Per km	85.00	28390	255.00	85170.00	

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	concrete (along with the labour wage) and to spray the water for the next 4 days 2. Carrying the chain link or cable from the travelling point to facing site, by connecting the cable or chain link or the barbed with the pole and fix it, nailing, levelling the soil in the earth level							
11.	Barbed and tying the chain link with the binding wire	9300	Per r. m.	0.16	53.44	1488.00	496992.00	

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12.	Digging the pit 30 x 30 45 cm for the facing	1490	Per hundred	3.8	1269.2	56.62	18911.08	
13.	Stacking and alignment for digging the pit	60105	Per thousand	2.5	835	150.26	50187.68	Job rate
14.	No. of digging the pit for the planting							
	45 x 45 x 45 cm	60105	Per hundred	5	1670	3005.25	1003753.50	job rate
15.	30 percent of the purchase volume for changing the soil in the pit	1644	cub. Mtr.	1.5	501	2466.00	823644.00	Market rate
16.	15 percent of the purchase volume for putting the cow dung	822	Cub. Mtr.	3	1002	2466.00	823644.00	Market rate

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17.	By making the mixture of fertile soil, local soil and organic fertilizer, put it in the pit	60105	Per hundred	1.5	501	901.58	301126.05	Job rate	
18.	Making of 2 hut		L.S.				100000.00	Estimated	
19.	25 percent of land water conservation work (construction of the check dam of stone at the rate of 100 cu. Mr. per hectare)		15.03 hectare					Estimated	
	Construction of check dam of stone	1505	Cu.mtr.	1	334	1505.00	502670.00		
TOTAL								5949042.44	

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20.	Other expenses including (observation path, notice board, paint, lime, rope, etc.)						90957.56	Estimated
Total							6040000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

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Second Year 2022 – 23 of the plan (Planting work)

(Unirrigated)

Daily wage rate – 351.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Planting work							
	Plant purchase No. for the first planting	60105	Per piece	-	12	-	721260.00	Market rate
	No. of plant for exchanging the dead plans – 20 percent	12021	Per piece	-	12	-	144252.00	Market rate
2.	Plant loading and unloading	72126	Per thousand	4	1404		101264.90	
3.	By Truck/ tractor	72126	Per hundred	1.5	526.5	1081.89	379743.39	Job rate

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	Carrying on head for 1 km	72126	Per hundred	0.4	140.4	288.50	101264.90	Job rate
4.	Lantana mapping up operation	35	Per hect.	8	2808	280.00	98280.00	Job rate
5.	Planting							
	45x 45x 45 cm	60105	Per hundred	1.8	631.8	1081.89	379743.39	Job rate
6.	First weeding							
	In plants	60105	Per hundred	1.25	428.8	751.31	263710.69	Job rate
7.	Second weeding							
	In plants	60105	Per hundred	1	351	601.05	210968.55	Job rate
8.	Third weeding							
	In plants	60105	Per hundred	1	351	601.05	210968.55	Job rate

9.	Spraying the pesticides and fertilizer	60105	Per hundred	0.6	210.6	360.63	126581.13	Job rate
10.	Internal fire security line (line, on and off)							
	6 mtr. broad	1800	Mtr.	3.35		6.03	2116.53	Job rate
	3 mtr. broad	1300	Mtr.	2.25		2.93	1026.68	Job rate
11.	Security 2 labour 9 months	2 x 9	Per month		9126	468.00	164268.00	Estimated
12.	Irrigation as per the availability	60105				1280.00	449280.00	Estimated
Total							3354728.71	
13.	Other expenses (purchasing the pesticides and fertilizer and the repairing work of inspection road)						80271.29	Estimated
Total						6803	3435000.00	

Sd/-
Range Officer, Bagdara
STR, Sidhi

Sd/-
Superintendent
Bagdara Sanctuary, Sidhi

Sd/-
Joint Director
Sanjay Tiger Reserve, Sidhi

As
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Third Year 2023 – 24 of the plan

(Unirrigated)

Daily wage rate –369.00

Sr. No.	Work's detail	Qty. of work		Rate per unit (W.D.)		Total W.D.	Amount	Remarks
		Qty.	Unit	W.D.	In Rs.			
1.	Planting expenses (for the replantation of the 10 percent plants)	6010.5	Per piece	-	14	-	84147.00	Market rate
2.	Plant loading and unloading	6010.5	Per thousand	4	1476		8871.50	
3.	Transportation of the plants (No.)							Market rate
	By truck/ tractor	6010.5	Per hundred	1.5	553.5	90.16	33268.12	Job rate

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