

क्रमांक : एफ()/उवस/एफसीए/2022-23/1083

दिनांक : 3/03/2023

निमित्त :

✓ संभागीय मुख्य वन संरक्षक,
वन भवन न्यू पाली रोड
जोधपुर

विषय:- Diversion of 413.9002 Ha of Forest Land for the Development of Shahpur Pumped Storage Project by M/s Greenko Energies Pvt Ltd, Shahbad Tehsil in Baran Dist Rajasthan (Proposal No. FP/RJ/HYD/121439/2021)

प्रसंग:- आपका पत्रांक एफ ()/एफसीए/2023/एनएफएल ग्रीनको/925 दिनांक 08.02.2023 एवं ग्रीनको एनर्जी प्राईवेट लिमिटेड का पत्रांक GEPL/SPSP/FP-CA/230212 Date 13.02.2023

महोदय,

उपर्युक्त विषयान्तर्गत प्रासंगिक पत्र के क्रम में निवेदन है कि मैसर्स ग्रीनको एनर्जी प्राईवेट लिमिटेड के प्रासंगिक पत्र द्वारा वन भूमि के प्रत्यावर्तन के एवज में विभाग को जैसलमेर जिले में दी जाने वाली 431.03 है. भूमि का रिकॉर्ड उपलब्ध करवाते हुए संयुक्त निरीक्षण करवाया गया है।

उक्त प्रकरण में प्रत्यावर्तन होने वाली वन भूमि के एवज में क्षतिपूर्ति वृक्षारोपण हेतु प्राप्त की जाने वाली भूमि की वृक्षारोपण हेतु भूमि का उपयुक्तता प्रमाण - पत्र, क्षतिपूर्ति वृक्षारोपण योजना, कंएमएल फाईल, टोपोशीट, राजस्व नक्शा इस पत्र के संलग्न 6 प्रतियों में आवश्यक कार्यवाही हेतु प्रेषित है।

संलग्न - उपरोक्तानुसार।

भवदीय

(पंकज कुमार गुप्ता)
उप वन संरक्षक
इ.गां.न.प. स्टेज-II।
जैसलमेर

क्रमांक : एफ()/उवस/एफसीए/2022-23/
प्रतिलिपि मैसर्स ग्रीनको एनर्जी प्राईवेट लिमिटेड।

दिनांक :

उप वन संरक्षक
इ.गां.न.प. स्टेज-II।
जैसलमेर

Signature Not Verified

Digitally signed by Pankaj Kumar
Designation : Deputy Conservator
Of Forest
Date: 2023.03.03 16:03:15 IST
Reason: Approved

DEPUTY CONSERVATOR OF FOREST, IGNP STAGE-II JAISALMER

Full Title of the Project: Construction of Shahpur (1800 MW) Pumped Storage Project by M/s Greenko Energies Private Limited, in Hanumanthkhera, Mungawali villages, G.P.Subhdhara; Baint Village, G.P.Bichi; Sahjanpur Villages, G.P. Kasba Nonera; Kaloni, Shahpur Villages, G.P-Mundiya; Tehsil-Shahbad; Baran District, Rajasthan.

Proposal no: FP/RJ/HYD/121439/2021

Date Of Proposal : 03.02.2021

CHECK LIST SERIAL NUMBER : 2 "LAND SUITABILITY CERTIFICATE BY DFO (T)"

This is to certified that, **431.03 Ha.** Non Forest Land bearing Chak No. 13 RMM, 14 RMM, 15 RMM, 5 RMSM of village **Kolu tala A** Tehsil **Ramgarh No. 2** and 3 SLM of village **Ekalpar** Tehsil **Jaisalmer No. 1** District **Jaisalmer** Identified for compensatory Afforestation (**NFL**) is suitable for plantation (800 Plants Per Ha.) from management point of view and is free from all sorts of encumbrances and encroachments.

Place : **Jaisalmer**
Date : 02-03-2023

(Signature)

Name
Designation
Office Seal

DEPUTY CONSERVATOR OF FOREST, IGNP STAGE-II JAISALMER

Full Title of the Project: Construction of Shahpur (1800 MW) Pumped Storage Project by M/s Greenko Energies Private Limited, in Hanumanthkhara, Mungawali villages, G.P.Subhdhara; Baint Village, G.P.Bichi; Sahjanpur Villages, G.P. Kasba Nonera; Kaloni, Shahpur Villages, G.P-Mundiyar; Tehsil-Shahbad; Baran District, Rajasthan.

Proposal no: FP/RJ/HYD/121439/2021

Date Of Proposal : 03.02.2021

Schedule Of Plantation Program

Detail of Year Wise Breakup of Requirement of Funds is as under :-

Year	Cost of CA NFL (In Rs.)				Total Cost of NFL (In Rs.)	Cost of DFL (In Rs.)	Total Amount In Rs.
	Block A	Block B	Block C	Block D			
	211.455 Ha.	59.721 Ha.	141.011 Ha.	18.843 Ha.	431.03 Ha.	184.82 Ha.	
0 Year	16917253	6310172	8719947	1946426	33893798	4706217	38600015
1 Year	12927102	3977537	8736299	1512687	27153625	10134065	37287690
2 Year	8648611	2620999	5837534	915019	18022164	6810753	24832917
3 Year	6413294	1966022	4335900	685832	13401048	5124781	18525828
4 Year	5632656	1745547	3815323	616275	11809801	4406573	16216374
5 Year	3069548	1021645	2106090	387909	6585192	2457143	9042335
6 Year	2898555	973350	1992054	372673	6236632	2307683	8544315
7 Year	1459570	566939	1032448	244464	3303421	1203652	4507072
8 Year	1459570	566939	1032448	244464	3303421	1203652	4507072
9 Year	1459570	566939	1032448	244464	3303421	1203652	4507072
10 Year	1459570	566939	1032448	244464	3303421	1203652	4507072
11 Year	1459570	566939	1032448	244464	3303421	1203652	4507072
12 Year	1459570	566939	1032448	244464	3303421	1203652	4507072
Total	65264439	22016905	41737833	7903606	136922784	43169124	180091908

Place : Jaisalmer

Date : 02-03-2023

(Signature)

Name

Designation

Office Seal

DEPUTY CONSERVATOR OF FOREST, IGNP STAGE-II JAISALMER

Full Title of the Project: Construction of Shahpur (1800 MW) Pumped Storage Project by M/s Greenko Energies Private Limited, in Hanumanthkhhera, Mungawali villages, G.P.Subhhdhara; Baint Village, G.P.Bichi; Sahjanpur Villages, G.P. Kasba Nonera; Kaloni, Shahpur Villages, G.P-Mundiya; Tehsil-Shahbad; Baran District, Rajasthan.

Proposal no: FP/RJ/HYD/12/439/2021

Date Of Proposal : 03.02.2021

तकनीकी नोट

1. प्रस्तावित गैर वन भूमि (431.03 है.) वर्तमान में निजी काश्तकारों की भूमि है, जिसमें वर्तमान में फसल खड़ी है एवं इस भूमि के चारों ओर भी निजी काश्तकारों की भूमि है। अतः इस भूमि की सुरक्षा हेतु क्षतिपूर्ति वृक्षारोपण योजना के तहत इस भूमि की बाहरी सीमा के चारों तरफ आरसीसी पोस्ट, बारबड वायर एवं चैन लिंक फेंसिंग किया जाना प्रस्तावित है एवं अंदर की सीमाओं पर सामान्य आरसीसी पोस्ट, बारबड वायर एवं वेल्डेड मेस फेंसिंग किया जाना प्रस्तावित है जिसके कारण क्षतिपूर्ति वृक्षारोपण योजना में प्रति हैक्टर दर निर्धारित नॉर्म्स से अधिक है।
2. प्रस्तावित गैर वन भूमि (431.03 है.) में इस क्षेत्र की भूमि के प्रकार को देखते हुए अधिकतम 800 पौधे प्रति हैक्टर लगाए जाना प्रस्तावित किया गया है। अवशेष पौधे परिभ्राषित वन भूमि (डीएफएल)(184.82 है.) पर 700 पौधे प्रति हैक्टर से लगाया जाना प्रस्तावित है।

Place : Jaisalmer

Date : 02-03-2023

(Signature)

Name

Designation

Office Seal

MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION

ON ALLOTTED/IDENTIFIED NON FOREST LAND (NFL)

Block A

UNIT: 211.455 Ha
PERIMETER: 15175 (outer) + 6380 (inner) = 21555 M
LABOUR RATE: Rs 259/day
COST ESTIMATE: RS. 65264439

Project: Shahpur Pumped Storage Project (1800 MW)
Proposal No.: FP/RJ/HYD/2121439/2021
Diversion Area : 413.9002 Ha

ADVANCE ACTION (0 YEAR)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Basic Datas for Microplanning and carrying out joint forest management activities.		654/ Ha.	127719	10573	138292
2	Survey of area. Lay out of contour trenches, burrow pits and making of segments / plots		525/Ha.	100441	10573	111014
3	OUTER FENCING					
A.	150 cm high Fencing of precast R.C. Posts of 15cm x 15cm tapered to 10x10cm at top placed at every 3 m. apart. 30 cm in ground embedded in cement concrete 1:3:6 (30x30x45cm) corner and every tenth posts to be strutted with same R.C. Posts provided with six horizontal lines and 2 diagonals of black barbed wire between the two posts fitted and fixed with GI staples including earth work in excavation etc. Complete. (PWD BSR 2022 Item No. 9.30)	15175 RMT	503/rmt.	0	7633025	7633025
B	Purchasing and fixing of Chain link mesh.	15175 RMT	190/rmt	303500	2579750	2883250
4	INNER FENCING					
	Fencing of plantation area with 1.5M high R.C. Post and two lines of wire and 1.2M broad welded wire mesh.	6380	165.99/rmt	520863	538153	1059016
5	Cost of raising 960 seedlings/Ha. in nursery.	202996	7.14	943931	505460	1449391
6	Purchase of SHP Engine	8	75000	0	600000	600000
7	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			509395	509395
8	Purchase of tools and plants	Lumsum			81410	81410
9	Purchase of Fertilisers and insecticides	Lumsum			149287	149287
10	Purchase of Plantation Board including painting and fixing.			27819	59732	87551
11	Watch and ward for 4 months			455474		455474
12	R and M of Vehicles	Lumsum			48635	48635
13	Labour amenities			91279	42763	134041
14	Misc. and unforeseen expenses (Labour, instruments, machines etc.)	Lumsum		14199	25341	39540
	TOTAL YEAR 0			2585225	12794096	15379321
15	Administrative charges 10%					1537932
	TOTAL					16917253

Planting Year (Year 1)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.			0	15385	15385
2	Maintenance of 960 Plants/Ha. seeding in nursery	202996	2.51/Plant	401526	107994	509520
3	Raising of 160 seedlings in nursery for casualty replacement in year-2 (20% of 800)	33833	7.14/Plant	157323	84244	241568
4	Transportation of 880plants/Ha. from nursery to planting site	186080	1.99/plant	329362	40938	370299
5	Planting of 800 seedlings/Ha. In command area including digging of pits, local transportation, treatment of pit with pesticides and fertilisers, making of thanwala and initial watering	169164	15.64/Plant	2427503	218222	2645725
6	Spot watering & application of insecticides in 800 plants. (6th times)	169164	22.67/plant	2529002	1305946	3834948
7	Weeding and hoeing of 800 plants/Ha. (2 times)	169164	9.20/plant	1556309	0	1556309
8	hoeing of 800 plants/Ha. (2 times)	169164	5.66/plant	957468	0	957468
9	Application of Urea and Fertiliser.	169164	0.59/Plant	62591	37216	99807
10	Purchase of PVC Pipes.		3.93/seedling	136796	67797	204593

11	Maintenance of engines	Lumsum			116512	116512
12	Watch and ward for 12 months	Lumsum		646464		646464
13	Construction of cattle guard hut.	Lumsum		60000	190000	250000
14	Labour amenities.			156187	7693	163880
15	Repairs and maintenance of vehicles.	Lumsum			116522	116522
16	Miscellaneous and unforeseen expenditure.			9562	13349	22911
	TOTAL YEAR 1			9430094	2321817	11751911
17	Administrative charges 10%					1175191
	TOTAL					12927102

First Year Maintenance (Year 2)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.			0	15385	15385
2	Maintenance of 160 seedling/ha. in nursery for casualty replacement in 2nd year	33833	2.51/Plant	66922	17999	84921
3	Casualty replacement 160 plants including redigging of pits, transportation planting with treatment of pesticides and fertiliser, watering	33833	11.07/Plant	374531	29978	404509
4	Spot watering & application of insecticides in 800 plants. (6th times)	169164	22.67/plant	2529002	1305946	3834948
5	Application of Urea and Fertiliser. (2 times)	169164	0.59/Plant	125181	74432	199614
6	Weeding and hoeing of 800 plants/Ha. (2 times)	169164	9.20/plant	1556309	0	1556309
7	hoeing of 800 plants/Ha. (2 times)	169164	5.66/plant	957468	0	957468
8	Repair and maintenance of vehicle				77606	77606
9	Maintenance of engines	Lumsum			77606	77606
10	Watch and ward for 12 months	Lumsum		646464		646464
11	Misc. and unforeseen expenditure	Lumsum		5506	2036	7543
	TOTAL YEAR 2			6261384	1600990	7862373
12	Administrative charges 10%					786237
	TOTAL					8648611

Second Year Maintenance (Year 3)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.			0	15385	15385
2	Spot watering & application of insecticides in 800 plants. (5 times)	169164	18.89/plant	2107783	1087725	3195508
3	Application of Urea and Fertiliser. (2 times)	169164	0.59/Plant	125181	74432	199614
4	hoeing of 800 plants/Ha. (2 times)	169164	5.66/plant	957468	0	957468
5	Repair and maintenance of vehicle				59732	59732
6	Purchase of PVC Pipes.	Lumsum			238927	238927
7	Maintenance of engines	Lumsum			89598	89598
8	Purning and tending of 800 plants per ha.	169164	2.32/plant	392460		392460
9	Watch and ward for 12 months	Lumsum		646464		646464
10	Misc. and unforeseen expenditure	Lumsum		22892	12218	35110
	TOTAL YEAR 3			4252250	1578017	5830267
11	Administrative charges 10%					583027
	TOTAL					6413294

Third Year Maintenance (Year 4)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management			0	15385	15385
2	Spot watering & application of insecticides in 800 plants. (4 times)	169164	15.11/plant	1686565	869503	2556068
3	hoeing of 800 plants/Ha. (2 times)	169164	5.66/plant	957468	0	957468
4	Repair and maintenance of vehicle				33034	33034
5	Maintenance of engines	Lumsum			74665	74665
6	Purning and tending of 800 plants per ha. (2 times)	169164	4.64/plant	784921		784921
7	Watch and ward for 12 months	Lumsum		646464		646464
8	Misc. and unforeseen expenditure	Lumsum		32454	20137	52591
	TOTAL YEAR 4			4107873	1012724	5120596
9	Administrative charges 10%					512060
	TOTAL					5632656



Fourth Year Maintenance (Year 5)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.			0	15385	15385
2	Spot watering & application of insecticides in 800 plants (2 times)	169164	7.56/plant	842437	436443	1278880
3	Repair and maintenance of vehicle				32807	32807
4	Maintenance of engines	Lumsum			53849	53849
5	Purning and tending of 500 plants per ha.	105727	7.09/plant	749604		749604
6	Watch and ward for 12 months	Lumsum		646464		646464
7	Misc. and unforeseen expenditure	Lumsum		8983	4525	13508
	TOTAL YEAR 5			2247438	543010	2790498
8	Administrative charges 10%					279050
	TOTAL					3069548

Fifth Year Maintenance (Year 6)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.			0	15385	15385
2	Spot watering & application of insecticides in 800 plants (2 times)	169164	7.56/plant	842437	436443	1278880
3	Purning and tending of 450 plants per ha.	95155	7.09/plant	674649		674649
4	Watch and ward for 12 months	Lumsum		646464		646464
5	Misc. and unforeseen expenditure	Lumsum		11300	8372	19672
	TOTAL YEAR 6			2174850	460200	2635050
6	Administrative charges 10%					263505
	TOTAL					2898555

Subsequent Maintenance (Year 7 to 12)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.			0	15385	15385
2	Purning and tending of 400 plants per ha.	84582	7.09/plant	599686		599686
3	Watch and ward for 12 months	Lumsum		646464		646464
4	Repair and maintenance of vehicle	Lumsum			45674	45674
5	Misc. and unforeseen expenditure	Lumsum		11300	8372	19672
	TOTAL YEAR 7			1257451	69431	1326882
6	Administrative charges 10%					132688
	TOTAL					1459570

Grand Total						
0 Year			16917253			
1 Year			12927102			
2 Year			8648611			
3 Year			6413294			
4 Year			5632656			
5 Year			3069548			
6 Year			2898555			
7 Year			1459570			
8 Year			1459570			
9 Year			1459570			
10 Year			1459570			
11 Year			1459570			
12 Year			1459570			
Total			65264439			

Range Forest Officer
Unit-7th to 10th (RO 958)
IGNP ST-II Jaisalmer
इ.ना.न.प.स्टेज-II
उप वन संरक्षक
रामगढ़

Assistant Conservator of Forest
IGNP ST-II Ramgarh
रामगढ़

Deputy Conservator of Forest
IGNP st-II Jaisalmer
उप वन संरक्षक
इ.ना.न.प.स्टेज-II
जैसलमेर

MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION

ON ALLOTTED/IDENTIFIED NON FOREST LAND (NFL)

Block B

UNIT: 59.721 Ha

PERIMETER: 6665 (outer) + 504 (inner) = 7169 M

LABOUR RATE: Rs 259/day

COST ESTIMATE: RS. 22016905

Project: Shahpur Pumped Storage Project (1800 MW)

Proposal No.: FP/RJ/HYD/2121439/2021

Diversion Area : 413.9002 Ha

ADVANCE ACTION (0 YEAR)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Basic Datas for Microplanning and carrying out joint forest management activities.		654/ Ha.	36071	2986	39058
2	Survey of area. Lay out of contour trenches, burrow pits and making of segments / plots		525/Ha.	28367	2986	31354
3	OUTER FENCING					
A	150 cm high Fencing of precast R.C. Posts of 15cm x 15cm tapered to 10x10cm at top placed at every 3 m. apart. 30 cm in ground embedded in cement concrete 1:3:6 (30x30x45cm) corner and every tenth posts to be strutted with same R.C. Posts provided with six horizontal lines and 2 diagonals of black barbed wire between the two posts fitted and fixed with GI staples including earth work in excavation etc. Complete. (PWD BSR 2022 Item No. 9.30)	6665 RMT	503/rmt.	0	3352495	3352495
B	Purchasing and fixing of Chain link mesh.	6665 RMT	190/rmt	133300	1133050	1266350
4	INNER FENCING					
	Fencing of plantation area with 1.5M high R.C. Post and two lines of wire and 1.2M broad welded wire mesh.	504	165.95/rmt	41147	42512	83659
5	Cost of raising 960 seedlings/Ha. in nursery.	57332	7.14	266594	142757	409350
6	Purchase of 8HP Engine	2	75000	0	150000	150000
7	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			143868	143868
8	Purchase of tools and plants	Lumsum			22993	22993
9	Purchase of Fertilisers and insecticides	Lumsum			42163	42163
10	Purchase of Plantation Board including painting and fixing.			7857	16870	24727
11	Watch and ward for 4 months			107744		107744
12	R and M of Vehicles	Lumsum			13736	13736
13	Labour amenities			25780	12077	37857
14	Misc. and unforeseen expenses (Labour, instruments, machines etc.)	Lumsum		4010	7157	11167
	TOTAL YEAR 0			650870	5085650	5736520
15	Administrative charges 10%					573652
	TOTAL					6310172

Planting Year (Year 1)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	4345	4345
2	Maintenance of 960 Plants/Ha. seeding in nursery	57332	2.51/Plant	113403	30501	143903
3	Raising of 160 seedlings in nursery for casualty replacement in year-2 (20% of 800)	9555	7.14/Plant	44431	23792	68223
4	Transportation of 880plants/Ha. from nursery to planting site	52555	1.99/plant	93022	11562	104584
5	Planting of 800 seedlings/Ha. In command area including digging of pits, local transportation, treatment of pit with pesticides and fertilisers, making of thanwala and initial watering.	47777	15.64/Plant	685600	61632	747232
6	Spot watering & application of insecticides in 800 plants. (6th times)	47777	22.67/plant	714266	368838	1083106
7	Weeding and hoeing of 800 plants/Ha. (2 times)	47777	9.20/plant	439548	0	439548
8	hoeing of 800 plants/Ha. (2 times)	47777	5.66/plant	270418	0	270418
9	Application of Urea and Fertiliser.	47777	0.59/Plant	17677	10511	28188

10	Purchase of PVC Pipes.	Lumsum	136796	67797	204593
11	Maintenance of engines	Lumsum		32906	32906
12	Watch and ward for 12 months	Lumsum	323232		323232
13	Construction of cattle guard hut.	Lumsum	20000	60000	80000
14	Labour amenities.	Lumsum	44112	2173	46284
15	Repairs and maintenance of vehicles.	Lumsum		32909	32909
16	Miscellaneous and unforeseen expenditure.	Lumsum	2701	3770	6471
TOTAL YEAR 1			2905206	710737	3615943
17	Administrative charges 10%				361594
	TOTAL				3977537

First Year Maintenance (Year 2)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	4345	4345
2	Maintenance of 160 seedling/ha. in nursery for casualty replacement in 2nd year	9555	2.51/Plant	18900	5083	23983
3	Casualty replacement 160 plants including redigging of pits, transportation planting with treatment of pesticides and fertiliser, watering	9555	11.07/Plant	105774	29978	135752
4	Spot watering & application of insecticides in 800 plants. (6th times)	47777	22.67/plant	714266	368838	1083105
5	Application of Urea and Fertiliser. (2 times)	47777	0.59/Plant	35355	21022	56377
6	Weeding and hoeing of 800 plants/Ha. (2 times)	47777	9.20/plant	439548	0	439548
7	hoeing of 800 plants/Ha. (2 times)	47777	5.66/plant	270418	0	270418
8	Repair and maintenance of vehicle	Lumsum			21918	21918
9	Maintenance of engines	Lumsum			21918	21918
10	Watch and ward for 12 months	Lumsum		323232		323232
11	Misc. and unforeseen expenditure	Lumsum		1555	575	2130
TOTAL YEAR 2				1909048	473679	2382727
12	Administrative charges 10%					238273
	TOTAL					2620999

Second Year Maintenance (Year 3)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	4345	4345
2	Spot watering & application of insecticides in 800 plants. (5 times)	47777	18.89/plant	595301	307206	902508
3	Application of Urea and Fertiliser. (2 times)	47777	0.59/Plant	35355	21022	56377
4	hoeing of 800 plants/Ha. (2 times)	47777	5.66/plant	270418	0	270418
5	Repair and maintenance of vehicle	Lumsum			16870	16870
6	Purchase of PVC Pipes.	Lumsum			67480	67480
7	Maintenance of engines	Lumsum			25305	25305
8	Punring and tending of 800 plants per ha.	47777	2.32/plant	110843		110843
9	Watch and ward for 12 months	Lumsum		323232		323232
10	Misc. and unforeseen expenditure	Lumsum		6465	3451	9916
TOTAL YEAR 3				1341614	445679	1787293
11	Administrative charges 10%					178729
	TOTAL					1966022

Third Year Maintenance (Year 4)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	4345	4345
2	Spot watering & application of insecticides in 800 plants. (4 times)	47777	15.11/plant	476337	245574	721910
3	hoeing of 800 plants/Ha. (2 times)	47777	5.66/plant	270418	0	270418
4	Repair and maintenance of vehicle	Lumsum			9330	9330
5	Maintenance of engines	Lumsum			21087	21087
6	Punring and tending of 800 plants per ha. (2 times)	47777	4.64/plant	221685		221685
7	Watch and ward for 12 months	Lumsum		323232		323232
8	Misc. and unforeseen expenditure	Lumsum		9166	5687	14853
TOTAL YEAR 4				1300838	286023	1586861
9	Administrative charges 10%					158686
	TOTAL					1745547

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Fourth Year Maintenance (Year 5)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.			0	4345	4345
2	Spot watering & application of insecticides in 800 plants. (2 times)	47777	7.56/plant	237929	123265	361194
3	Repair and maintenance of vehicle	Lumsum			9266	9266
4	Maintenance of engines	Lumsum			15209	15209
5	Purning and tending of 500 plants per ha.	29860	7.09/plant	211707		211707
6	Watch and ward for 12 months	Lumsum		323232		323232
7	Misc. and unforeseen expenditure	Lumsum		2537	1278	3815
	TOTAL YEAR 5			775406	153362	928768
8	Administrative charges 10%					92877
	TOTAL					1021645

Fifth Year Maintenance (Year 6)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.			0	4345	4345
2	Spot watering & application of insecticides in 800 plants. (2 times)	47777	7.56/plant	237929	123265	361194
3	Purning and tending of 450 plants per ha.	26874	7.09/plant	190537		190537
4	Watch and ward for 12 months	Lumsum		323232		323232
5	Misc. and unforeseen expenditure	Lumsum		3191	2364	5556
	TOTAL YEAR 6			754890	129574	884864
6	Administrative charges 10%					88486
	TOTAL					973350

Subsequent Maintenance (Year 7 to 12)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.			0	4345	4345
2	Purning and tending of 400 plants per ha.	23888	7.09/plant	169366		169366
3	Watch and ward for 12 months	Lumsum		323232		323232
4	Repair and maintenance of vehicle	Lumsum			12900	12900
5	Misc. and unforeseen expenditure	Lumsum		3191	2364	5556
	TOTAL YEAR 7			495789	19509	515399
6	Administrative charges 10%					51540
	TOTAL					566939
	Grand Total					
	0 Year		6310172			
	1 Year		3977537			
	2 Year		2620999			
	3 Year		1966022			
	4 Year		1745547			
	5 Year		1021645			
	6 Year		973350			
	7 Year		566939			
	8 Year		566939			
	9 Year		566939			
	10 Year		566939			
	11 Year		566939			
	12 Year		22016905			
	Total					

Range Forest Officer
Jalgaon RD-589
IGNP St-II Jalgaon
इ.ग.न.प.स्टेज-II
जालगाव
समगढ़

Assistant Conservator of Forest
IGNP St-II Ramgarh
समगढ़

Deputy Conservator of Forest
IGNP St-II Jaisaigar
इ.ग.न.प.स्टेज-II
जैसलमेर

MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION

ON ALLOTTED/IDENTIFIED NON FOREST LAND (NFL)

Block C

UNIT: 141.011 Ha
PERIMETER: 6574 (outer) + 6036 (inner) = 12610 M
LABOUR RATE: Rs 259/day
COST ESTIMATE: RS. 41737833

Project: Shahpur Pumped Storage Project (1800 MW)
Proposal No.: FP/RJ/HYD/2121439/2021
Diversion Area : 413.9002 Ha

ADVANCE ACTION (0 YEAR)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Basic Dates for Microplanning and carrying out joint forest management activities.		654/ Ha.	85171	7051	92221
2	Survey of area. Lay out of contour trenches, burrow pits and making of segments / plots		525/Ha.	66980	7051	74031
3	OUTER FENCING					
A	150 cm high Fencing of precast R.C. Posts of 15cm x 15cm tapered to 10x10cm at top placed at every 3 m. apart. 30 cm in ground embedded in cement concrete 1:3:6 (30x30x45cm) corner and every tenth posts to be strutted with same R.C. Posts provided with six horizontal lines and 2 diagonals of black barbed wire between the two posts fitted and fixed with GI staples including earth work in excavation etc. Complete. (PWD BSR 2022 Item No. 9.30)	6574 RMT	503/rmt.	0	3306722	3306722
B	Purchasing and fixing of Chain link mesh.	6574 RMT	190/rmt	131480	1117580	1249060
4	INNER FENCING					
	Fencing of plantation area with 1.5M high R.C. Post and two lines of wire and 1.2M broad welded wire mesh.	6036	165.99/rmt	492779	509137	1001916
5	Cost of raising 960 seedlings/Ha. in nursery.	135371	7.14	629475	337074	966549
6	Purchase of BHP Engine	5	75000	0	375000	375000
7	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			339695	339695
8	Purchase of tools and plants	Lumsum			54289	54289
9	Purchase of Fertilisers and insecticides	Lumsum			99554	99554
10	Purchase of Plantation Board including painting and fixing.			18551	39833	58384
11	Watch and ward for 4 months			161616		161616
12	R and M of Vehicles	Lumsum			32433	32433
13	Labour amenities			60870	28517	89387
14	Misc. and unforeseen expenses (Labour, instruments, machines etc.)	Lumsum		9469	16899	26368
	TOTAL YEAR 0			1656392	6270833	7927224
15	Administrative charges 10%					792722
	TOTAL					8719947

Planting Year (Year 1)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	10260	10260
2	Maintenance of 960 Plants/Ha. seeding in nursery	135371	2.51/Plant	267764	72017	339781
3	Raising of 160 seedlings in nursery for casualty replacement in year-2 (20% of 800)	22562	7.14/Plant	104913	56179	161093
4	Transportation of 880plants/Ha. from nursery to planting site	124090	1.99/plant	219639	27300	246939
5	Planting of 800 seedlings/Ha. in command area including digging of pits, local transportation, treatment of pit with pesticides and fertilisers, making of thanwala and initial watering.	112809	15.64/Plant	1618809	145524	1764333
6	Spot watering & application of insecticides in 800 plants. (6th times)	112809	22.67/plant	1686495	870885	2557380
7	Weeding and hoeing of 800 plants/Ha. (2 times)	112809	9.20/plant	1037843	0	1037843
8	hoeing of 800 plants/Ha. (2 times)	112809	5.66/plant	638499	0	638499
9	Application of Urea and Fertiliser.	112809	0.59/Plant	41739	24818	66557

10	Purchase of PVC Pipes.	Lumsum		136796	67797	204593
11	Maintenance of engines	Lumsum			77697	77697
12	Watch and ward for 12 months	Lumsum		484848		484848
13	Construction of cattle guard hut.	Lumsum		50000	100000	150000
14	Labour amenities.	Lumsum		104155	5130	109285
15	Repairs and maintenance of vehicles.	Lumsum			77704	77704
16	Micellaneous and unforeseen expenditure.	Lumsum		6377	8902	15279
	TOTAL YEAR 1			6397877	1544213	7942090
17	Administrative charges 10%					794209
	TOTAL					8736299

First Year Maintenance (Year 2)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	10260	10260
2	Maintenance of 160 seedling/ha. in nursery for casualty replacement in 2nd year	22562	2.51/Plant	44628	12003	56631
3	Casualty replacement 160 plants including redigging of pits, transportation planting with treatment of pesticides and fertiliser, watering	22562	11.07/Plant	249761	29978	279739
4	Spot watering & application of insecticides in 800 plants. (6th times)	112809	22.67/plant	1686495	870885	2557380
5	Application of Urea and Fertiliser. (2 times)	112809	0.59/Plant	83479	49636	133115
6	Weeding and hoeing of 800 plants/Ha. (2 times)	112809	9.20/plant	1037843	0	1037843
7	hoeing of 800 plants/Ha. (2 times)	112809	5.66/plant	638499	0	638499
8	Repair and maintenance of vehicle	Lumsum			51752	51752
9	Maintenance of engines	Lumsum			51752	51752
10	Watch and ward for 12 months	Lumsum		484848		484848
11	Misc. and unforeseen expenditure	Lumsum		3672	1358	5030
	TOTAL YEAR 2			4229224	1077625	5306849
12	Administrative charges 10%					530685
	TOTAL					5837534

Second Year Maintenance (Year 3)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	10260	10260
2	Spot watering & application of insecticides in 800 plants. (5 times)	112809	18.89/plant	1405600	725362	2130962
3	Application of Urea and Fertiliser. (2 times)	112809	0.59/Plant	83479	49636	133115
4	hoeing of 800 plants/Ha. (2 times)	112809	5.66/plant	638499	0	638499
5	Repair and maintenance of vehicle	Lumsum			39833	39833
6	Purchase of PVC Pipes.	Lumsum			159331	159331
7	Maintenance of engines	Lumsum			59749	59749
8	Prunning and tending of 800 plants per ha. (2 times)	112809	2.32/plant	261717		261717
9	Watch and ward for 12 months	Lumsum		484848		484848
10	Misc. and unforeseen expenditure	Lumsum		15266	8148	23413
	TOTAL YEAR 3			2889408	1052319	3941727
11	Administrative charges 10%					394173
	TOTAL					4335900

Third Year Maintenance (Year 4)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	10260	10260
2	Spot watering & application of insecticides in 800 plants. (4 times)	112809	15.11/plant	1124706	579838	1704544
3	hoeing of 800 plants/Ha. (2 times)	112809	5.66/plant	638499	0	638499
4	Repair and maintenance of vehicle	Lumsum			22029	22029
5	Maintenance of engines	Lumsum			49791	49791
6	Prunning and tending of 800 plants per ha. (2 times)	112809	4.64/plant	523434		523434
7	Watch and ward for 12 months	Lumsum		484848		484848
8	Misc. and unforeseen expenditure	Lumsum		21642	13428	35071
	TOTAL YEAR 4			2793129	675346	3468475
9	Administrative charges 10%					346848
	TOTAL					3815323



Fourth Year Maintenance (Year 5)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	10260	10260
2	Spot watering & application of insecticides in 800 plants. (2 times)	112809	7.56/plant	561789	291047	852836
3	Repair and maintenance of vehicle	Lumsum			21878	21878
4	Maintenance of engines	Lumsum			35910	35910
5	Purning and tending of 500 plants per ha.	70506	7.09/plant	499888		499888
6	Watch and ward for 12 months	Lumsum		484848		484848
7	Misc. and unforeseen expenditure	Lumsum		5990	3018	9008
	TOTAL YEAR 5			1552515	362113	1914627
8	Administrative charges 10%					191463
	TOTAL					2106090

Fifth Year Maintenance (Year 6)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	10260	10260
2	Spot watering & application of insecticides in 800 plants. (2 times)	112809	7.56/plant	561789	291047	852836
3	Purning and tending of 450 plants per ha.	63455	7.09/plant	449896		449896
4	Watch and ward for 12 months	Lumsum		484848		484848
5	Misc. and unforeseen expenditure	Lumsum		7536	5583	13118
	TOTAL YEAR 6			1504068	306890	1810958
6	Administrative charges 10%					181096
	TOTAL					1992054

Subsequent Maintenance (Year 7 to 12)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	10260	10260
2	Purning and tending of 400 plants per ha.	56404	7.09/plant	399904		399904
3	Watch and ward for 12 months	Lumsum		484848		484848
4	Repair and maintenance of vehicle	Lumsum			30458	30458
5	Misc. and unforeseen expenditure	Lumsum		7536	5583	13118
	TOTAL YEAR 7			892288	46301	938589
6	Administrative charges 10%					93859
	TOTAL					1032448

Grand Total		
0 Year		8719947
1 Year		8736299
2 Year		5837534
3 Year		4335900
4 Year		3815323
5 Year		2106090
6 Year		1992054
7 Year		1032448
8 Year		1032448
9 Year		1032448
10 Year		1032448
11 Year		1032448
12 Year		1032448
Total		41737833

Range Forest Officer
 11/11/2020
 IGNP ST-II Jaisalmer
 इकाई - सप्तम
 इ०गा०न०प०- II
 उपखण्ड रामगढ़

Assistant Conservator of Forest
 IGNP ST-II Ramgarh
 रामगढ़

Deputy Conservator of Forest
 IGNP st-II Jaisalmer
 उप वन संरक्षक
 इ.गा.न.प.स्टेज-II
 जैसलमेर

MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION

ON ALLOTTED/IDENTIFIED NON FOREST LAND (NFL)

Block D

UNIT: 18.843 Ha
PERIMETER: 2014 (outer) + 0 (inner) = 2014 M
LABOUR RATE: Rs 259/day
COST ESTIMATE: RS. 7903605

Project: Shahpur Pumped Storage Project (1800 MW)
Proposal No.: FP/RJ/HYD/21121439/2021
Diversion Area : 413.9002 Ha

ADVANCE ACTION (0 YEAR)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Basic Datas for Microplanning and carrying out joint forest management activities.		654/ Ha.	11381	942	12323
2	Survey of area. Lay out of contour trenches, burrow pits and making of segments / plots		525/Ha.	8950	942	9893
3	OUTER FENCING					
A	150 cm high Fencing of precast R.C. Posts of 15cm x 15cm tapered to 10x10cm at top placed at every 3 m. apart. 30 cm in ground embedded in cement concrete 1:3:6 (30x30x45cm) corner and every tenth posts to be strutted with same R.C. Posts provided with six horizontal lines and 2 diagonals of black barbed wire between the two posts fitted and fixed with GI staples including earth work in excavation etc. Complete. (PWD BSR 2022 Item No. 9.30)	2014 RMT	503/rmt.	0	1013042	1013042
B	Purchasing and fixing of Chain link mesh.	2014 RMT	190/rmt	40280	342380	382660
4	INNER FENCING					
	Fencing of plantation area with 1.5M high R.C. Post and two lines of wire and 1.2M broad welded wire mesh.	0	165.99/rmt	0	0	0
5	Cost of raising 960 seedlings/Ha. in nursery.	18086	7.14	84100	45034	129134
6	Purchase of BHP Engine	1	75000	0	75000	75000
7	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			45393	45393
8	Purchase of tools and plants	Lumsum			7255	7255
9	Purchase of Fertilisers and insecticides	Lumsum			13303	13303
10	Purchase of Plantation Board including painting and fixing.			2479	5323	7802
11	Watch and ward for 4 months			53872		53872
12	R and M of Vehicles	Lumsum			4334	4334
13	Labour amenities			8134	3811	11945
14	Misc. and unforeseen expenses (Labour, instruments, machines etc.)	Lumsum		1265	2258	3523
	TOTAL YEAR 0			210462	1559016	1769478
15	Administrative charges 10%					176948
	TOTAL					1946426

Planting Year (Year 1)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing joint Forest Management.			0	1371	1371
2	Maintenance of 960 Plants/Ha. seeding in nursery	18086	2.51/Plant	35774	9622	45396
3	Raising of 160 seedlings in nursery for casualty replacement in year-2 (20% of 800)	3014	7.14/Plant	14015	7505	21520
4	Transportation of 880plants/Ha. from nursery to planting site	16579	1.99/plant	29345	3647	32992
5	Planting of 800 seedlings/Ha. in command area including digging of pits, local transportation, treatment of pit with pesticides and fertilisers, making of thanwala and initial watering.	15072	15.64/Plant	216283	19443	235726
6	Spot watering & application of insecticides in 800 plants. (6th times)	15072	22.67/plant	225326	116356	341682
7	Weeding and hoeing of 800 plants/Ha. (2 times)	15072	9.20/plant	138662	0	138662
8	hoeing of 800 plants/Ha. (2 times)	15072	5.65/plant	85308	0	85308
9	Application of Urea and Fertiliser.	15072	0.59/Plant	5577	3316	8892

10	Purchase of PVC Pipes.	Lumsum	136796	67797	204593
11	Maintenance of engines	Lumsum		10382	10382
12	Watch and ward for 12 months	Lumsum	161616		161616
13	Construction of cattle guard hut.	Lumsum	20000	40000	60000
14	Labour amenities.	Lumsum	13918	686	14604
15	Repairs and maintenance of vehicles.	Lumsum		10383	10383
16	Miscellaneous and unforeseen expenditure.	Lumsum	852	1190	2042
	TOTAL YEAR 1		1083472	291697	1375170
17	Administrative charges 10%				137517
	TOTAL				1512687

First Year Maintenance (Year 2)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.			0	1371	1371
2	Maintenance of 160 seedling/ha. in nursery for casualty replacement in 2nd year	3014	2.51/Plant	5962	1603	7565
3	Casualty replacement 160 plants including redigging of pits, transportation planting with treatment of pesticides and fertiliser, watering	3014	11.07/Plant	33365	29978	63343
4	Spot watering & application of insecticides in 800 plants. (6th times)	15072	22.67/plant	225326	116356	341682
5	Application of Urea and Fertiliser. (2 times)	15072	0.59/Plant	11153	6632	17785
6	Weeding and hoeing of 800 plants/Ha. (2 times)	15072	9.20/plant	138662	0	138662
7	hoeing of 800 plants/Ha. (2 times)	15072	5.66/plant	85308	0	85308
8	Repair and maintenance of vehicle	Lumsum			6916	6916
9	Maintenance of engines	Lumsum			6916	6916
10	Watch and ward for 12 months	Lumsum		161616		161616
11	Misc. and unforeseen expenditure	Lumsum		491	181	672
	TOTAL YEAR 2			661883	169953	831836
12	Administrative charges 10%					83184
	TOTAL					915019

Second Year Maintenance (Year 3)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.			0	1371	1371
2	Spot watering & application of insecticides in 800 plants. (5 times)	15072	18.89/plant	187797	96913	284710
3	Application of Urea and Fertiliser. (2 times)	15072	0.59/Plant	11153	6632	17785
4	hoeing of 800 plants/Ha. (2 times)	15072	5.66/plant	85308	0	85308
5	Repair and maintenance of vehicle	Lumsum			5323	5323
6	Purchase of PVC Pipes.	Lumsum			21291	21291
7	Maintenance of engines	Lumsum			7984	7984
8	Purning and tending of 800 plants per ha.	15072	2.32/plant	34967		34967
9	Watch and ward for 12 months	Lumsum		161616		161616
10	Misc. and unforeseen expenditure	Lumsum		2040	1089	3129
	TOTAL YEAR 3			482881	140602	623483
11	Administrative charges 10%					62348
	TOTAL					685832

Third Year Maintenance (Year 4)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengthening Joint Forest Management.			0	1371	1371
2	Spot watering & application of insecticides in 800 plants. (4 times)	15072	15.11/plant	150268	77470	227738
3	hoeing of 800 plants/Ha. (2 times)	15072	5.66/plant	85308	0	85308
4	Repair and maintenance of vehicle	Lumsum			2944	2944
5	Maintenance of engines	Lumsum			6653	6653
6	Purning and tending of 800 plants per ha. (2 times)	15072	4.64/plant	69934		69934
7	Watch and ward for 12 months	Lumsum		161616		161616
8	Misc. and unforeseen expenditure	Lumsum		2892	1794	4686
	TOTAL YEAR 4			470017	90233	560250
9	Administrative charges 10%					56025
	TOTAL					616275

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Fourth Year Maintenance (Year 5)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	1371	1371
2	Spot watering & application of insecticides in 800 plants. (2 times)	15072	7.56/plant	75059	38886	113944
3	Repair and maintenance of vehicle	Lumsum			2923	2923
4	Maintenance of engines	Lumsum			4799	4799
5	Purning and tending of 500 plants per ha.	9420	7.09/plant	66788		66788
6	Watch and ward for 12 months	Lumsum		161616		161616
7	Misc. and unforeseen expenditure	Lumsum		800	403	1204
	TOTAL YEAR 5			304263	48382	352645
8	Administrative charges 10%					35264
	TOTAL					387909

Fifth Year Maintenance (Year 6)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	1371	1371
2	Spot watering & application of insecticides in 800 plants. (2 times)	15072	7.56/plant	75059	38886	113944
3	Purning and tending of 450 plants per ha.	8478	7.09/plant	60109		60109
4	Watch and ward for 12 months	Lumsum		161616		161616
5	Misc. and unforeseen expenditure	Lumsum		1007	746	1753
	TOTAL YEAR 6			297791	41003	338793
6	Administrative charges 10%					33879
	TOTAL					372673

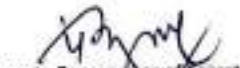
Subsequent Maintenance (Year 7 to 12)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	1371	1371
2	Purning and tending of 400 plants per ha.	7536	7.09/plant	53430		53430
3	Watch and ward for 12 months	Lumsum		161616		161616
4	Repair and maintenance of vehicle	Lumsum			4070	4070
5	Misc. and unforeseen expenditure	Lumsum		1007	746	1753
	TOTAL YEAR 7			216053	6187	222240
6	Administrative charges 10%					22224
	TOTAL					244464

Grand Total		
0 Year		1946426
1 Year		1512687
2 Year		915019
3 Year		685832
4 Year		616275
5 Year		387909
6 Year		372673
7 Year		244464
8 Year		244464
9 Year		244464
10 Year		244464
11 Year		244464
12 Year		244464
Total		7903606


 Range Forest Officer
 जैसलमेर राज्य वन संरक्षक
 IGNP ST-II, Jaisalmer
 इ-०५००००-॥
 उपखण्ड रामगढ


 Deputy Conservator of Forest
 IGNP ST-II, Ramgarh
 रामगढ


 Deputy Conservator of Forest
 IGNP ST-II, Jaisalmer
 उप वन संरक्षक
 इ.वा.न.प.स्टेज-II
 जैसलमेर

MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION

ON DEGRADED FOREST LAND (DFL)

FOREST BLOCK - 8 NLD

UNIT: 184.82 Ha
PERIMETER: 7795 M
LABOUR RATE: Rs 259/day
COST ESTIMATE: Rs. 43169124

Project: Shahpur Pumped Storage Project (1800 MW)
Proposal No.: FP/RJ/HYD/2121439/2021
Diversion Area : 413.9002 Ha
Plants per Hectare : 700

ADVANCE ACTION (0 YEAR)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of Basic Datas for Microplanning and carrying out joint forest management activities.		654/ Ha.	111631	9241	120872
2	Survey of area. Lay out of contour trenches, burrow pits and making of segments / plots		525/Ha.	87790	9241	97031
3	Fencing of plantation area with 1.5M high R.C. Post and two lines of wire and 1.2M broad welded wire mesh.	7795	165.99/rmt	636384	657508	1293892
4	Cost of raising 840 seedlings/Ha. in nursery.	155249	7.14	721908	386570	1108478
5	Purchase of BHP Engine	7	75000	0	525000	525000
6	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			445231	445231
7	Purchase of tools and plants	Lumsum			71156	71156
8	Purchase of Fertilisers and insecticides	Lumsum			130483	130483
9	Purchase of Plantation Board including painting and fixing.			24315	52208	76523
10	Watch and ward for 4 months			215488		215488
11	R and M of Vehicles	Lumsum			42509	42509
12	Labour amenities			79781	37376	117157
13	Misc. and unforeseen expenses (Labour, instruments, machines etc.)	Lumsum		12411	22149	34559
	TOTAL YEAR 0			1889707	2388672	4278379
14	Administrative charges 10%					427838
	TOTAL					4706217

Planting Year (Year 1)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	13448	13448
2	Maintenance of 840 Plants/Ha. seeding in nursery	155249	2.51/Plant	307083	82592	389675
3	Raising of 140 seedlings in nursery for casualty replacement in year-2 (20% of 700)	25875	7.14/Plant	120319	64429	184748
4	Transportation of 770 plants/Ha. from nursery to planting site	142311	1.99/plant	251890	31308	283199
5	Planting of 800 seedlings/Ha. in command area including digging of pits, local transportation, treatment of pit with pesticides and fertilisers, making of thanwala and initial watering.	129374	15.64/Plant	1856517	166892	2023409
6	Spot watering & application of insecticides in 800 plants. (6th times)	129374	22.67/plant	1934141	998767	2932909
7	Weeding and hoeing of 800 plants/Ha. (2 times)	129374	9.20/plant	1190241	0	1190241
8	hoeing of 800 plants/Ha. (2 times)	129374	5.66/plant	732257	0	732257
9	Application of Urea and Fertiliser.	129374	0.59/Plant	47868	28462	76331
10	Purchase of PVC Pipes.	Lumsum		136796	67797	204593
11	Maintenance of engines	Lumsum			101836	101836
12	Watch and ward for 12 months	Lumsum		565035		565035
13	Construction of cattle guard hut.	Lumsum		60000	190000	250000
14	Labour amenities.	Lumsum		136514	6724	143237
15	Repairs and maintenance of vehicles.	Lumsum			101845	101845
16	Micellaneous and unforeseen expenditure.	Lumsum		8358	11668	20025
	TOTAL YEAR 1			7347019	1865768	9212787
17	Administrative charges 10%					921279
	TOTAL					10134065

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First Year Maintenance (Year 2)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	13448	13448
2	Maintenance of 140 seedling/ha. in nursery for casualty replacement in 2nd year	25875	2.51/Plant	51181	13766	64946
3	Casualty replacement 140 plants including redigging of pits, transportation planting with treatment of pesticides and fertiliser, watering	25875	11.07/Plant	286436	29978	316414
4	Spot watering & application of insecticides in 700 plants. (6th times)	129374	22.67/plant	1934141	998767	2932909
5	Application of Urea and Fertiliser. (2 times)	129374	0.59/Plant	95737	56925	152661
6	Weeding and hoeing of 700 plants/Ha. (2 times)	129374	9.20/plant	1190241	0	1190241
7	hoeing of 800 plants/Ha. (2 times)	129374	5.66/plant	732257	0	732257
8	Repair and maintenance of vehicle	Lumsum			67831	67831
9	Maintenance of engines	Lumsum			67831	67831
10	Watch and ward for 12 months	Lumsum		646464		646464
11	Misc. and unforeseen expenditure	Lumsum		4813	1780	6593
	TOTAL YEAR 2			4941269	1250324	6191594
12	Administrative charges 10%					619159
	TOTAL					6810753

Second Year Maintenance (Year 3)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	13448	13448
2	Spot watering & application of insecticides in 700 plants. (5 times)	129374	18.89/plant	1612000	831875	2443875
3	Application of Urea and Fertiliser. (2 times)	129374	0.59/Plant	95737	56925	152661
4	hoeing of 700 plants/Ha. (2 times)	129374	5.66/plant	732257	0	732257
5	Repair and maintenance of vehicle	Lumsum			52208	52208
6	Purchase of PVC Pipes.	Lumsum			208832	208832
7	Maintenance of engines	Lumsum			78312	78312
8	Purning and tending of 700 plants per ha.	129374	2.32/plant	300148		300148
9	Watch and ward for 12 months	Lumsum		646464		646464
10	Misc. and unforeseen expenditure	Lumsum		20009	10679	30688
	TOTAL YEAR 3			3406614	1252277	4658891
11	Administrative charges 10%					465889
	TOTAL					5124781

Third Year Maintenance (Year 4)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	13448	13448
2	Spot watering & application of insecticides in 700 plants. (4 times)	129374	15.11/plant	1289859	664982	1954841
3	hoeing of 700 plants/Ha. (2 times)	129374	5.66/plant	732257	0	732257
4	Repair and maintenance of vehicle	Lumsum			28873	28873
5	Maintenance of engines	Lumsum			65260	65260
6	Purning and tending of 700 plants per ha. (2 times)	129374	4.64/plant	600295		600295
7	Watch and ward for 12 months	Lumsum		565035		565035
8	Misc. and unforeseen expenditure	Lumsum		28366	17600	45967
	TOTAL YEAR 4			3215813	790163	4005975
9	Administrative charges 10%					400598
	TOTAL					4406573

Fourth Year Maintenance (Year 5)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	13448	13448
2	Spot watering & application of insecticides in 700 plants. (2 times)	129374	7.56/plant	644283	333785	978067
3	Repair and maintenance of vehicle	Lumsum			28675	28675
4	Maintenance of engines	Lumsum			47066	47066
5	Purning and tending of 450 plants per ha.	83169	7.09/plant	589668		589668

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6	Watch and ward for 12 months	Lumsum		565035		565035
7	Misc. and unforeseen expenditure	Lumsum		7851	3955	11806
	TOTAL YEAR 5			1806837	426929	2233766
8	Administrative charges 10%					223377
	TOTAL					2457143

Fifth Year Maintenance (Year 6)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	13448	13448
2	Spot watering & application of insecticides in 700 plants. (2 times)	129374	7.56/plant	644283	333785	978067
3	Purning and tending of 400 plants per ha.	73928	7.09/plant	524150		524150
4	Watch and ward for 12 months	Lumsum		565035		565035
5	Misc. and unforeseen expenditure	Lumsum		9877	7317	17194
	TOTAL YEAR 6			1743344	354549	2097894
6	Administrative charges 10%					209789
	TOTAL					2307683

Subsequent Maintenance (Year 7 to 12)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	13448	13448
2	Purning and tending of 350 plants per ha.	54687	7.09/plant	458631		458631
3	Watch and ward for 12 months	Lumsum		565035		565035
4	Repair and maintenance of vehicle	Lumsum			39921	39921
5	Misc. and unforeseen expenditure	Lumsum		9877	7317	17194
	TOTAL YEAR 7			1033543	60686	1094229
6	Administrative charges 10%					109423
	TOTAL					1203652
	Grand Total					
	0 Year		4706217			
	1 Year		10134065			
	2 Year		6810753			
	3 Year		5124781			
	4 Year		4406573			
	5 Year		2457143			
	6 Year		2307683			
	7 Year		1203652			
	8 Year		1203652			
	9 Year		1203652			
	10 Year		1203652			
	11 Year		1203652			
	12 Year		1203652			
	Total		43169124			


 Deputy Conservator of Forest
 IGNP st-II Jaipur
 ज.ग.न.प.स्टेज-II
 जैसलमेर

न्यायालय वन बन्दोबस्त अधिकारी जोधपुर

झालामण्ड रोड पर आफरी भवन के पास, सभागीय मुख्य वन संरक्षक कार्यालय परिसर जोधपुर
कमांक एक () / उदघोषणा / व.ब.अ. / 2022-23 / 61 दिनांक 20/10/2023

उदघोषणा

(राजस्थान वन अधिनियम 1953 की धारा 6 के अंतर्गत)

चूंकि राज्य सरकार द्वारा जैसलमेर जिले की राजस्व तहसील नन्दिनी एवं उपनिवेश तहसील नाचना नं. 2 (वनमण्डल इ.गानप. स्टेज द्वितीय की रेज द्वितीय) के वनखण्ड 8 एन.एल.डी. की निम्न विशेषित भूमि को, राजस्थान वन अधिनियम 1953 की धारा 29 के अधीन रक्षित वन के रूप में गठित करने के लिए राज्य सरकार द्वारा एक अधिसूचना जारी की गयी है, जो कि राजस्थान राजपत्र संख्या भाग 1(ख) 57-60 दिनांक 3 मई 2012 में प्रकाशित हुई है। अब कथित अधिनियम की धारा 6 के अंतर्गत, मैं, मुरलीधर शर्मा वन बन्दोबस्त अधिकारी, जोधपुर एतद्वारा निम्नलिखित परिणाम प्रकाशित एवं स्पष्ट करता हूँ, जो इन वनों का आरक्षण सुनिश्चित करेगा।

1. कृषि या अन्य प्रयोजनार्थ कोई नये रूप में सफाई या भूमि खुदाई अनुज्ञेय नहीं होगी।
2. किसी भी प्रकार की अग्नि न तो जलाई जायेगी और न ही जलती हुई अग्नि ले जायी जायेगी।
3. किसी भी व्यक्ति द्वारा कोई अतिक्रमण नहीं किया जायेगा या मवेशी द्वारा निष्क्रमण नहीं कराया जायेगा।
4. वृक्षों की कोई कटाई या गिराई या छाल हटाना या उन्हें किसी अन्य प्रकार से क्षति नहीं पहुंचायी जायेगी।
5. किसी उत्पादन, प्रक्रिया के अध्यधीन पत्थर खोदने, घुना बनाने, या लकड़ी से कोयला बनाने या कोयला जलाने या एकत्रित करने या वन उपज हटाने की अनुमति नहीं होगी।
6. किसी प्रकार के शिकार करने, गोली चलाने, या मछली पकड़ने, जल का विषेला करने या जाल एवं फंदा डालने की अनुमति नहीं होगी।
7. उपरोक्त कृत्यों के अतिरिक्त कें भी कोई भी ऐसा कृत्य जो कि गैर वानिकीय कार्यों की श्रेणी में आता है या कोई भी ऐसा कार्य जिसके लिए भारत सरकार से अनारक्षण प्रस्ताव के जरिये पूर्वानुमति प्राप्त करना आवश्यक होता है, की अनुमति नहीं होगी।

अतः इसलिए समस्त संबंध व्यक्तियों की सूचनार्थ यह अधिसूचित किया जाता है कि कोई व्यक्ति जो किसी भूमि या वन उपज पर अपने अधिकार का दावा करता हो, तो इस घोषणा की तारीख से 3 माह की अवधि में या तो मूडो एक लिखित नोटिस पेशकर या मेरे सम्मुख उपस्थित होकर ऐसे अधिकारों के लक्षण एवं उनके स्थान पर दावा किये गये मुआवजे (यदि हो) की राशि एवं विवरण बताये। इस वनखण्ड की प्रारम्भिक अधिसूचना में वर्णित वनभूमि की सूची इस उदघोषणा के साथ संलग्न है।

विहित अवधि समाप्त होने के बाद कोई भी दावा स्वीकार नहीं किया जायेगा।

(मुरलीधर शर्मा)
वन बन्दोबस्त अधिकारी,
जोधपुर

पत्र क्रमांक/व.ब.अ./उदघोषणा/2022-23/62-75 दिनांक: 20/11/2023

प्रतिलिपि निम्नांकित को सूचनार्थ, पालनार्थ एवं आवश्यक कार्यवाही हेतु को प्रस्तुत है।

श्रीमान प्रधान मुख्य वन संरक्षक महोदय, कार्य आयोजना एवं वन बन्दोबस्त, जयपुर।

2. श्रीमान सभागीय मुख्य वन संरक्षक महोदय, जोधपुर

श्रीमान जिला कलक्टर महोदय, जैसलमेर

विधान सभा सदस्य, विधान सभा क्षेत्र जैसलमेर, जिला पोकरण

5. जम वन संरक्षक, इ.गान.प. स्टेज द्वितीय, जिला जैसलमेर को प्रेषित कर निवेदन है कि इस वनखण्ड की उदघोषणा की व्यापक मुश्तरी करावे, जिससे आमजन को इनकी जानकारी प्राप्त हो। इसके अतिरिक्त इस उदघोषणा की पृष्ठांकित प्रतियों को संबंधितों को तामिल करावे तथा तामिल शुदा प्रतियां पुनः इस न्यायालय को प्रेषित करें। (संलग्न दो अतिरिक्त प्रतियाँ)

6. तहसीलदार (राजस्व) तहसील नाचना, एवं तहसीलदार उपनिवेशन तहसील नाचना नं. 2 जिला जैसलमेर को भेजकर लेख है उदघोषणा में वर्णित वन खण्ड से सम्बंधित ग्रामों के खसरा नम्बर की वन भूमि में यदि कोई प्रकार की तरमीम कार्य अपेक्षित हो तो पूर्ण करवाकर उसकी सूचना इस न्यायालय को भेजें तथा भविष्य में इस वनभूमि के संबंध में किसी अन्य व्यक्ति/संस्था या विभाग के पक्ष में कोई आवंटन या अमलदरामद नहीं करें जब तक कि इस भूमि का राज. राजपत्र में अंतिम विज्ञापित के रूप में प्रकाशन न हो जावे। इस वनखण्ड की वनभूमि के संबंध में किसी भी प्रकार के आक्षेप होने की स्थिति पर इस वन बंदोबस्तीय सुनवायी के संबंध में पक्ष रखने हेतु आप या आपका प्रतिनिधि उपस्थित होवे।

7. श्रीमान प्रधान महोदय एवं विकास अधिकारी, पंचायत समिति नांख

8. क्षेत्रीय वन अधिकारी रेंज प्रथम 1251 आर. डी. नाचना फाटा को भेजकर लेख है कि आपको संलग्न मिजवाई जा रही उदघोषणाएं संबंधित व्यक्तियों, संस्थाओं एवं कार्यालय को देकर तामिल शुदा एक प्रति इस न्यायालय को शीघ्रतिशीघ्र प्रेषित करेंगे। क्योंकि उच्च अधिकारियों के ऐसे निर्देश है कि सुनवाई कार्य अतिशीघ्र सम्पन्न किया जावे ताकि इन वन खण्डों कि राज. राजपत्र में शीघ्र ही अंतिम प्रकाशन की कार्यवाही अमल में लाई जा सके। आप द्वारा तामिल प्रति मिजवाई जाने के उपरान्त ही अग्रिम कार्यवाही सम्पादित की जा सकेगी। अतः इस कार्य को प्राथमिकता से रूची लेकर करें। (संलग्न कम संख्या 4,6,7,8,9 एवं 10 की प्रतियाँ एवं दो अतिरिक्त प्रतियाँ)

9. पटवारी हल्का संबंधित को प्रेषित कर लेख है कि इस उदघोषणा में वर्णित वनभूमि के खसरा नम्बरान की तरमीम आपके स्तर से बकाया या अपेक्षित हो तो अपने नक्शे में तरमीम पूर्ण कर इस न्यायालय को सुचित करें।

10. संबंधित ग्राम पंचायत के सरपंच महोदय एवं ग्राम विकास अधिकारी को प्रेषित कर अनुरोध है कि आप अपने पंचायत कार्यालय के सूचना पट्ट पर इस अधिसूचना की प्रति को चरपा करावे तथा आम जनता के मध्य जनहित में व्यापक मुश्तरी करावे।

11. रक्षित पत्रावली।

(मुख्य अधिकारी)
वन बंदोबस्त अधिकारी,
जोधपुर

वनमण्डल - इमानप स्टेशन ।। जैसलमेर

क्र.सं.	नाम ब्लॉक	नाम तहसील	नाम जिला	सीमाएं	भूमि का विवरण		
					(नाम ग्राम / चक्र 8 एन एल डी)		
					खसरा नं / मुरबा नं	जिला नं	खसरा नं / मुरबा नं क्षेत्रफल (बीघा हैक्टर)
1	8 एन एल डी	उपनिवेशन तहसील नाथना नं 2	जैसलमेर	पूर्व - काश्तकार	78 / 55	1 ता. 25	25.00
					78 / 63	1 ता. 25	25.00
				पश्चिम- काश्तकार	78 / 64	1 ता. 25	25.00
				वन भूमि	78 / 56	1 ता. 25	25.00
					78 / 49	1 ता. 25	25.00
				उत्तर-	79 / 57	1 ता. 25	25.00
				आराजीराज	99 / 01	1 ता. 25	25.00
				चक्र सीमा 8 जे डी	99 / 09	1 ता. 25	25.00
				एम	99 / 17	1 ता. 25	25.00
					99 / 25	1 ता. 25	25.00
				दक्षिण -	79 / 58	1 ता. 25	25.00
				आराजीराज	99 / 02	1 ता. 25	25.00
				काश्तकार	99 / 10	1 ता. 25	25.00
					99 / 18	1 ता. 25	25.00
					99 / 26	1 ता. 25	25.00
					79 / 59	1 ता. 25	25.00
					99 / 03	1 ता. 25	25.00
					99 / 11	1 ता. 25	25.00
					99 / 19	1 ता. 25	25.00
					99 / 27	1 ता. 25	25.00
					79 / 60	1 ता. 25	25.00
					99 / 04	1 ता. 21, 24, 25	25.00
					99 / 12	1 ता. 6, 9 ता. 12, 14 ता. 17, 20 21, 24, 25	18.00
					99 / 20	1 ता. 25	25.00
					99 / 28	1 ता. 25	25.00
					79 / 61	1 ता. 25	25.00
					99 / 21	1 ता. 25	25.00
					99 / 29	1 ता. 25	25.00
					79 / 62	1 ता. 25	25.00
					99 / 22	1 ता. 25	25.00
					99 / 30	1 ता. 25	25.00
					79 / 63	1 ता. 5, 7 ता. 14, 17 ता. 23	20.00
					99 / 7	1 ता. 9, 12 ता. 19, 24, 25	19.00
					99 / 15	1 ता. 25	25.00
					99 / 23	1 ता. 25	25.00
					99 / 31	1 ता. 14, 17 ता. 23	21.00
					79 / 64	1 ता. 3, 6 ता. 20	18.00
					99 / 16	4 ता. 8, 13 ता. 20	13.00
					99 / 24	1 ता. 20	20.00
					99 / 32	1 ता. 3, 7 ता. 20	17.00
योग कुल					कुल खसरा 40	944.00 बीघा	238.763 हैक्टर



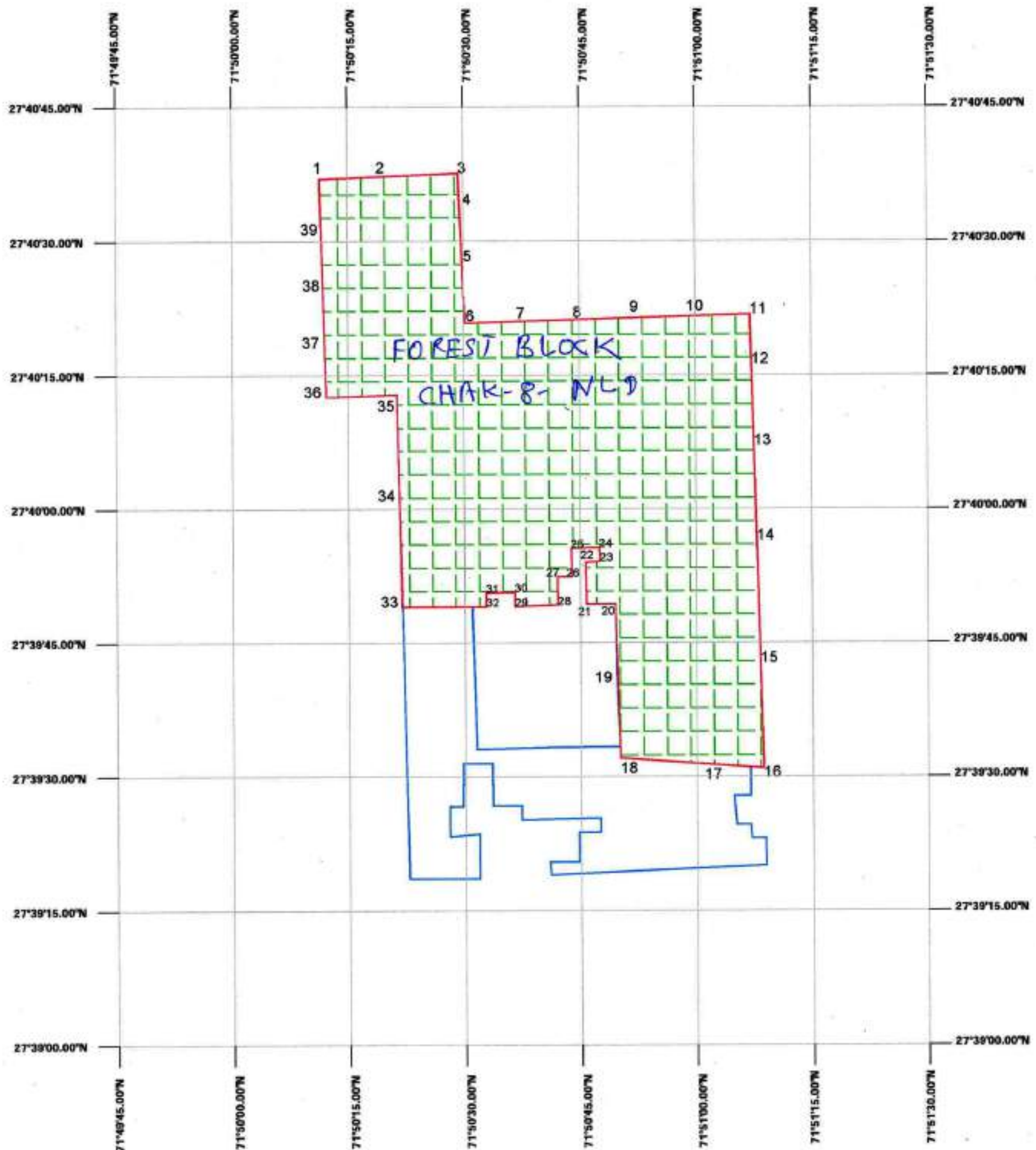
(महर्षि श्री)
वन विभाग
वन विभाग अधिकारी,
जैसलमेर

Map Showing Proposed Compensatory Afforestation in Degraded Forest Land (DFL) in Nachna Range, IGNP Stage II Division in Jaisalmer District

Full title of the Project: Construction of Shahpur (1800 MW) Pumped Storage Project by M/s Greenko Energies Private Limited in Hanumanthkhara, Mungawali villages, G.P-Subhdhara; Baint Village, G.P-Bichi; Sahjanpur, Ballarpur Villages, G.P-Kasba Nonera; Kaloni, Shahpur Villages, G.P-Mundiyyar; Tehsil-Shahbad; Baran District, Rajasthan.

Proposal No : FP/RJ/HYD/121439/2021, Diversion Area : 413.9002

Date of Proposal : 03-02-2021



S.No	LATITUDE	LONGITUDE	S.No	LATITUDE	LONGITUDE
1	27° 40' 38.4739" N	71° 50' 32.2828" E	21	27° 39' 48.0000" N	71° 50' 45.0000" E
2	27° 40' 38.5797" N	71° 50' 38.5757" E	22	27° 39' 53.7993" N	71° 50' 45.2000" E
3	27° 40' 38.7357" N	71° 50' 30.1470" E	23	27° 39' 58.9001" N	71° 50' 47.1001" E
4	27° 40' 35.1634" N	71° 50' 30.2396" E	24	27° 39' 58.4999" N	71° 50' 46.9999" E
5	27° 40' 28.6688" N	71° 50' 30.3544" E	25	27° 39' 58.4999" N	71° 50' 43.4001" E
6	27° 40' 21.6000" N	71° 50' 30.5000" E	26	27° 39' 52.2000" N	71° 50' 41.5000" E
7	27° 40' 21.6354" N	71° 50' 37.1463" E	27	27° 39' 52.2000" N	71° 50' 43.4001" E
8	27° 40' 21.6753" N	71° 50' 44.4400" E	28	27° 39' 48.9847" N	71° 50' 41.5000" E
9	27° 40' 21.7160" N	71° 50' 53.7336" E	29	27° 39' 48.9001" N	71° 50' 36.0000" E
30	27° 40' 21.7557" N	71° 50' 59.0273" E	30	27° 39' 50.6001" N	71° 50' 36.0000" E
31	27° 40' 21.7929" N	71° 51' 7.1999" E	31	27° 39' 50.6001" N	71° 50' 32.2999" E
32	27° 40' 16.0800" N	71° 51' 7.2218" E	32	27° 39' 48.0000" N	71° 50' 32.2999" E
33	27° 40' 6.7681" N	71° 51' 7.2576" E	33	27° 39' 48.1846" N	71° 50' 21.5000" E
34	27° 39' 55.8000" N	71° 51' 7.2990" E	34	27° 40' 1.3923" N	71° 50' 21.5000" E
35	27° 39' 41.8011" N	71° 51' 7.3537" E	35	27° 40' 13.5799" N	71° 50' 21.5001" E
36	27° 39' 29.8000" N	71° 51' 7.3999" E	36	27° 40' 13.5001" N	71° 50' 12.5001" E
37	27° 39' 30.2806" N	71° 50' 50.8006" E	37	27° 40' 19.1542" N	71° 50' 12.4908" E
38	27° 39' 21.2834" N	71° 50' 49.0305" E	38	27° 40' 25.6477" N	71° 50' 12.3947" E
39	27° 39' 39.9654" N	71° 50' 48.9552" E	39	27° 40' 32.1431" N	71° 50' 12.3377" E
40	27° 39' 48.9272" N	71° 50' 48.9207" E			

क्षेत्रीय वन अधिकारी

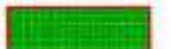


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LEGEND

Proposed CA Area - (184.82 Ha)



Forest Block - (8 NLD)



Perimeter Length - (7795 mtr)



उप वन अधिकारी
इ.मान.प.स्टेज-II
जैसलमेर

Perimeter Length - (7795 mtr)

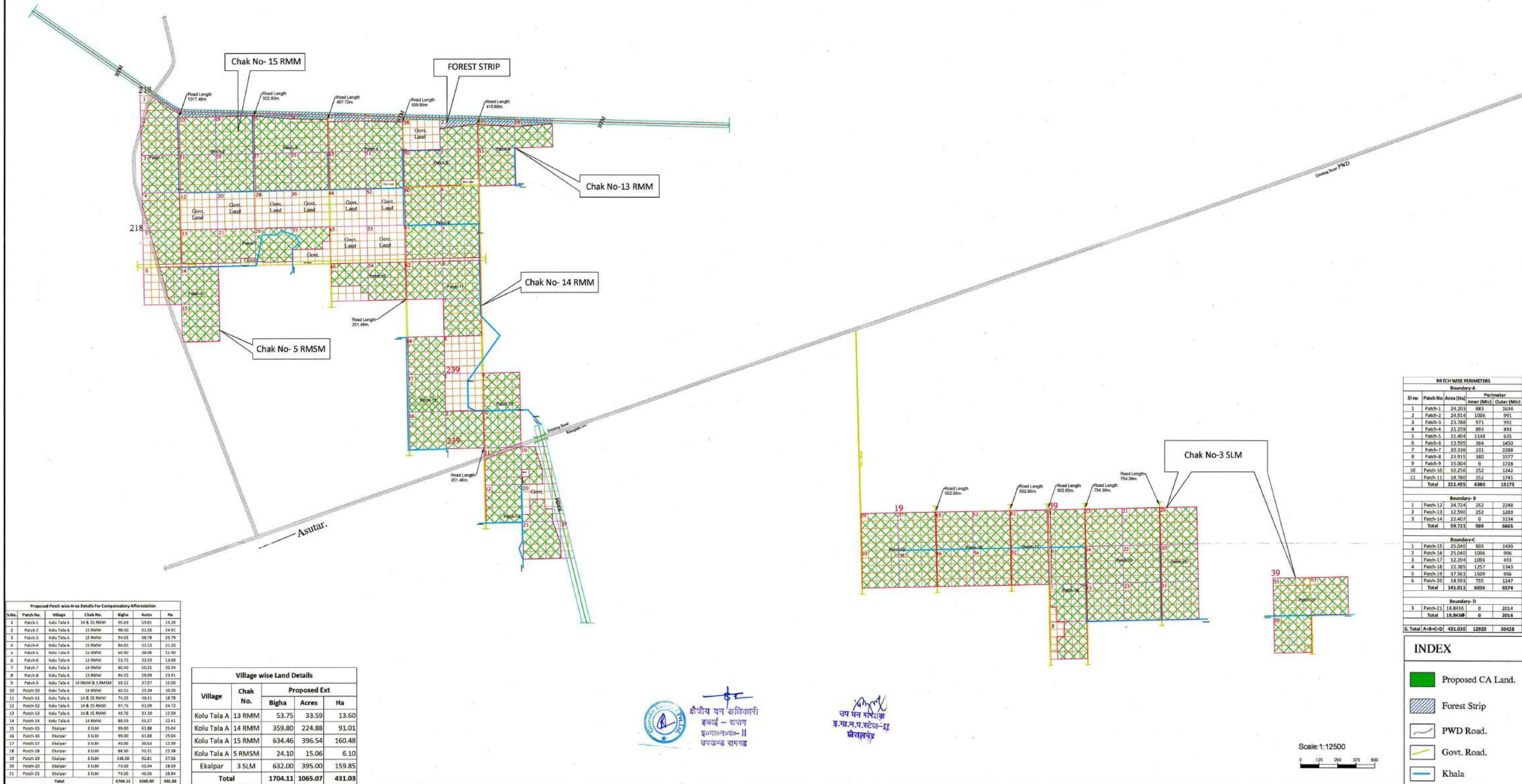
Khasra Map Showing Proposed CA Land Boundary (NFL)

Village-Ekalpar, Tehsil: Jaisalmer No.1, Village-Kolu Tala A, Tehsil: Ramgarh No.2, District.-Jaisalmer, Rajasthan

Full title of the Project : Construction of Shahpur (1800 MW) Pumped Storage Project by M/s Greenko Energies Private Limited in Hanumanthkhara, Mungawali villages, G.P-Subhdhara; Baint Village, G.P-Bichi; Sahjanpur, Ballarpur Villages, G.P-Kasba Nonera; Kaloni, Shahpur Villages, G.P-Mundiya; Tehsil-Shahbad; Baran District, Rajasthan.

Proposal No : FP/RJ/HYD/121439/2021, Diversion Area : 413.9002

Date of Proposal : 03-02-2021



Proposed Patch wise Area Details For Compensatory Afforestation					
S.No.	Patch No.	Village	Chak No.	Bigha	Acres
1	Patch-1	Kolu Tala A	14 & 15 RMM	95.69	24.20
2	Patch-2	Kolu Tala A	15 RMM	98.50	24.91
3	Patch-3	Kolu Tala A	15 RMM	94.05	23.79
4	Patch-4	Kolu Tala A	15 RMM	94.05	23.79
5	Patch-5	Kolu Tala A	15 RMM	94.05	23.79
6	Patch-6	Kolu Tala A	15 RMM	94.05	23.79
7	Patch-7	Kolu Tala A	15 RMM	94.05	23.79
8	Patch-8	Kolu Tala A	15 RMM	94.05	23.79
9	Patch-9	Kolu Tala A	15 RMM	94.05	23.79
10	Patch-10	Kolu Tala A	15 RMM	94.05	23.79
11	Patch-11	Kolu Tala A	15 RMM	94.05	23.79
12	Patch-12	Kolu Tala A	15 RMM	94.05	23.79
13	Patch-13	Kolu Tala A	15 RMM	94.05	23.79
14	Patch-14	Kolu Tala A	15 RMM	94.05	23.79
15	Patch-15	Kolu Tala A	15 RMM	94.05	23.79
16	Patch-16	Kolu Tala A	15 RMM	94.05	23.79
17	Patch-17	Kolu Tala A	15 RMM	94.05	23.79
18	Patch-18	Kolu Tala A	15 RMM	94.05	23.79
19	Patch-19	Kolu Tala A	15 RMM	94.05	23.79
20	Patch-20	Kolu Tala A	15 RMM	94.05	23.79
21	Patch-21	Kolu Tala A	15 RMM	94.05	23.79
Total					1704.11

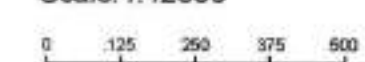
Village wise Land Details				
Village	Chak No.	Proposed Ext		
		Bigha	Acres	Ha
Kolu Tala A	13 RMM	53.75	33.59	13.60
Kolu Tala A	14 RMM	359.80	224.88	91.01
Kolu Tala A	15 RMM	634.46	396.54	160.48
Kolu Tala A	5 RMSM	24.10	15.06	6.10
Ekalpar	3 SLM	632.00	395.00	159.85
Total		1704.11	1065.07	431.03

PATCH WISE PERIMETERS			
Boundary-A			
Sl no	Patch No	Area (Ha)	Perimeter (Mtr)
1	Patch-1	24.203	883
2	Patch-2	24.914	1006
3	Patch-3	23.788	971
4	Patch-4	21.259	893
5	Patch-5	15.404	1148
6	Patch-6	13.595	364
7	Patch-7	20.336	231
8	Patch-8	23.915	380
9	Patch-9	15.004	0
10	Patch-10	10.256	252
11	Patch-11	18.780	252
Total		211.455	6380
Boundary-B			
1	Patch-12	24.724	252
2	Patch-13	12.590	252
3	Patch-14	22.407	0
Total		59.721	504
Boundary-C			
1	Patch-15	25.040	503
2	Patch-16	25.040	1006
3	Patch-17	12.394	1006
4	Patch-18	22.385	1257
5	Patch-19	37.561	1509
6	Patch-20	18.591	755
Total		141.011	6036
Boundary-D			
1	Patch-21	18.8436	0
Total		18.8436	0
G.Total A+B+C+D		431.030	12920

INDEX

- Proposed CA Land.
- Forest Strip
- PWD Road.
- Govt. Road.
- Khala

Scale: 1:12500

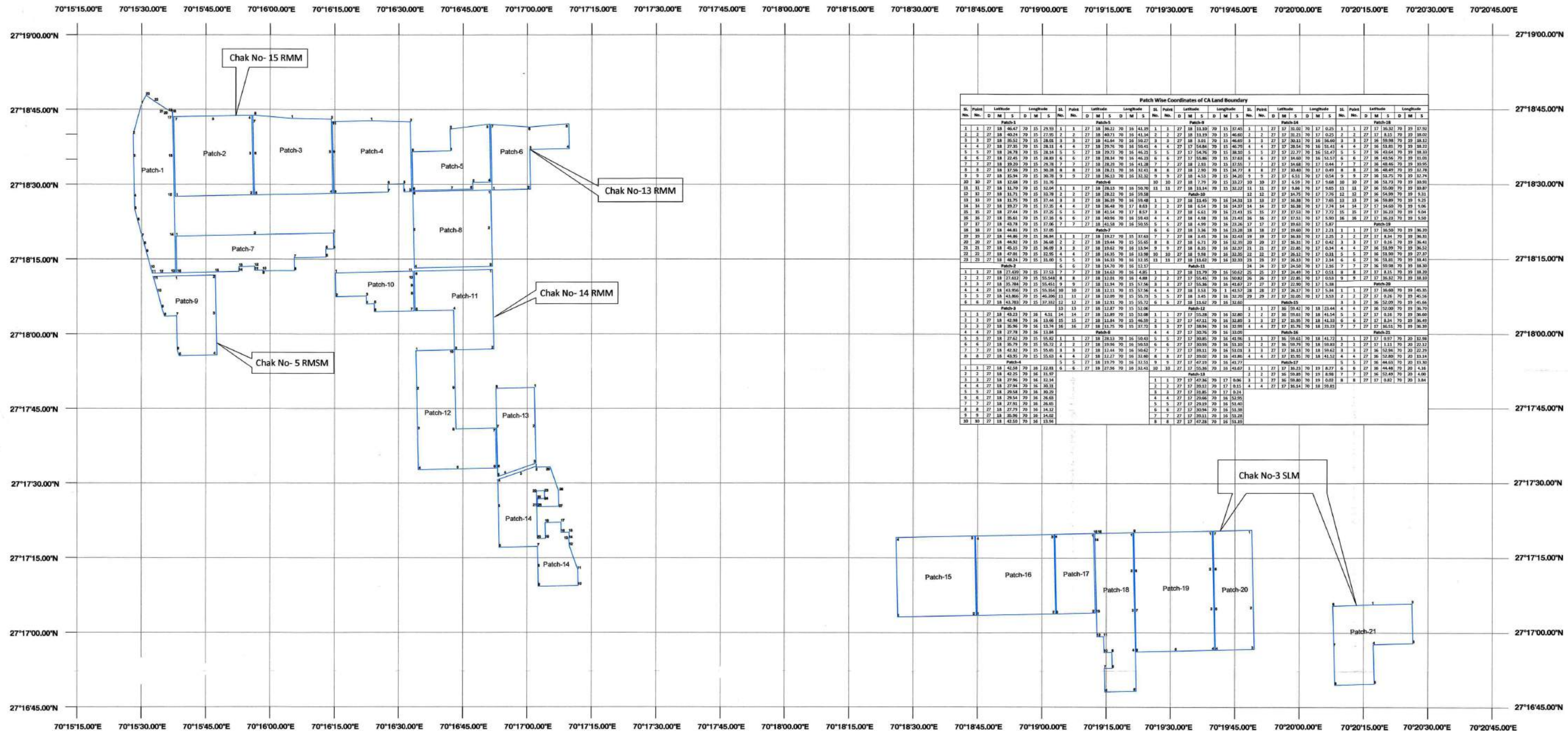


कैत्रीय वन अधिकारी
इकाई - सवान
इ.ग.न.प.स्टेशन-II
जयसलमेर

उप वन सहायक
इ.ग.न.प.स्टेशन-II
जयसलमेर

Village-Ekalpar, Tehsil: Jaisalmer No.1, Village-Kolu Tala A, Tehsil: Ramgarh No.2, District.-Jaisalmer, Rajasthan

Proposal No : FP/RJ/HYD/121439/2021, Diversion Area : 413.9002, Date of Proposal : 03-02-2021



Patch Wire Coordinates of CA Land Boundary																																		
Patch-1						Patch-2						Patch-3						Patch-4						Patch-5										
SL	Point	Latitude	Longitude	SL	Point	Latitude	Longitude	SL	Point	Latitude	Longitude	SL	Point	Latitude	Longitude	SL	Point	Latitude	Longitude	SL	Point	Latitude	Longitude											
No.	No.	D	M	S	D	M	S	No.	No.	D	M	S	D	M	S	No.	No.	D	M	S	D	M	S											
1	1	27	18	46.47	70	25.93	1	1	27	18	36.22	70	16.19	1	1	27	18	33.10	70	15.47	1	1	27	17	51.57	70	15.20							
2	2	27	18	46.24	70	27.02	2	2	27	18	40.71	70	15.14	2	2	27	18	38.20	70	14.60	2	2	27	17	51.55	70	15.12							
3	3	27	18	35.52	70	18.03	3	3	27	18	41.64	70	15.07	3	3	27	18	39.10	70	14.60	3	3	27	17	50.98	70	15.12							
4	4	27	18	27.35	70	18.13	4	4	27	18	29.76	70	15.43	4	4	27	17	54.64	70	15.47	4	4	27	17	54.81	70	15.12							
5	5	27	18	24.79	70	18.15	5	5	27	18	26.73	70	15.21	5	5	27	17	52.77	70	15.47	5	5	27	17	52.64	70	15.12							
6	6	27	18	22.45	70	18.83	6	6	27	18	24.14	70	15.61	6	6	27	17	50.86	70	15.61	6	6	27	17	50.85	70	15.03							
7	7	27	18	20.20	70	25.78	7	7	27	18	26.10	70	15.38	7	7	27	17	48.21	70	15.75	7	7	27	17	48.46	70	15.05							
8	8	27	18	17.96	70	28.15	8	8	27	18	23.76	70	15.21	8	8	27	17	45.94	70	15.71	8	8	27	17	45.93	70	15.05							
9	9	27	18	15.94	70	30.78	9	9	27	18	23.15	70	15.22	9	9	27	17	43.53	70	15.70	9	9	27	17	43.45	70	15.05							
10	10	27	18	12.68	70	31.36	10	10	27	18	20.70	70	15.10	10	10	27	17	41.29	70	15.70	10	10	27	17	41.27	70	15.05							
Patch-1						Patch-2						Patch-3						Patch-4						Patch-5										
11	11	27	18	10.26	70	31.53	11	11	27	18	18.13	70	15.03	11	11	27	17	38.79	70	15.70	11	11	27	17	38.69	70	15.05							
12	12	27	18	11.71	70	33.78	12	12	27	18	28.12	70	15.30	12	12	27	17	37.47	70	15.70	12	12	27	17	37.37	70	15.31							
13	13	27	18	11.75	70	37.44	13	13	27	18	31.59	70	15.47	1	1	27	18	11.45	70	16.13	13	13	27	17	36.38	70	15.05							
14	14	27	18	10.27	70	38.15	14	14	27	18	35.72	70	15.40	2	2	27	18	11.45	70	16.13	14	14	27	17	36.38	70	15.05							
15	15	27	18	27.44	70	37.25	15	15	27	18	36.34	70	15.40	3	3	27	18	6.61	70	16.21	15	15	27	17	37.15	70	15.05							
16	16	27	18	25.81	70	37.16	6	6	27	18	40.16	70	15.43	4	4	27	18	4.08	70	16.24	16	16	27	17	37.21	70	15.05							
17	17	18	63.76	70	36.96	7	7	27	18	42.56	70	15.05	5	5	27	18	3.26	70	16.24	17	17	18	63.76	70	36.96	7	7	27	18	63.76	70	36.96		
18	18	27	18	44.81	70	36.91	8	8	27	18	44.70	70	15.05	6	6	27	18	3.36	70	16.26	18	18	27	18	44.81	70	36.91	8	8	27	18	44.81	70	36.91
19	19	27	18	44.86	70	36.94	1	1	27	18	49.27	70	15.03	7	7	27	18	2.65	70	16.24	19	19	27	18	44.86	70	36.94	1	1	27	18	44.86	70	36.94
20	20	27	18	44.80	70	36.90	2	2	27	18	59.44	70	15.06	8	8	27	18	3.73	70	16.26	20	20	27	18	44.80	70	36.90	2	2	27	18	44.80	70	36.90
21	21	27	18	46.34	70	36.82	3	3	27	18	58.52	70	15.04	9	9	27	18	2.84	70	16.26	21	21	27	18	46.34	70	36.82	3	3	27	18	46.34	70	36.82
22	22	27	18	47.01	70	32.95	4	4	27	18	16.35	70	15.39	10	10	27	18	5.98	70	16.35	22	22	27	18	47.01	70	32.95	4	4	27	18	16.35	70	15.39
23	23	27	18	48.24	70	33.00	5	5	27	18	16.33	70	15.35	11	11	27	18	11.63	70	16.32	23	23	27	18	48.24	70	33.00	5	5	27	18	16.33	70	15.35
Patch-1						Patch-2						Patch-3						Patch-4						Patch-5										
1	1	27	18	74.19	70	15.75	7	7	27	18	11.63	70	16.48	1	1	27	18	11.70	70	16.02	25	25	27	18	74.19	70	15.75	8	8	27	18	71.51	70	15.80
2	2	27	18	74.32	70	15.5448	8	8	27	18	14.03	70	16.48	2	2	27	17	15.64	70	16.02	26	26	27	17	22.88	70	15.03	9	9	27	17	8.52	70	15.10
3	3	27	18	74.28	70	15.5448	9	9	27	18	11.14	70	15.76	3	3	27	17	15.14	70	15.80	27	27	27	17	22.88	70	15.03	10	10	27	17	8.52	70	15.10
4	4	27	18	74.394	70	15.5534	10	10	27	18	12.11	70	15.75	4	4	27	18	3.53	70	16.11	28	28	27	18	74.39	70	15.75	11	11	27	17	8.66	70	15.35
5	5	27	18	74.386	70	15.4606	11	11	27	18	12.09	70	15.73	5	5	27	18	3.45	70	16.10	29	29	27	18	74.39	70	15.75	12	12	27	17	8.26	70	15.36
6	6	27	18	74.383	70	15.3732	12	12	27	18	12.07	70	15.71	6	6	27	18	3.37	70	16.09	30	30	27	18	74.38	70	15.75	13	13	27	17	8.06	70	15.37
Patch-1						Patch-2						Patch-3						Patch-4						Patch-5										
1	1	27	18	82.21	70	16.431	14	14	27	18	12.87	70	15.08	1	1	27	17	15.98	70	16.28	2	2	27	18	82.21	70	16.431	15	15	27	17	9.17	70	15.96
2	2	27	18	82.84	70	16.1366	15	15	27	18	11.44	70	15.05	2	2	27	17	15.73	70	16.28	3	3	27	18	82.84	70	16.1366	16	16	27	17	9.14	70	15.97
3	3	27	18	75.96	70	16.156	16	16	27	18	11.14	70	15.05	3	3	27	17	15.49	70	16.28	4	4	27	18	75.96	70	16.156	17	17	27	17	9.14	70	15.97
4	4	27	18	77.78	70	16.1384	17	17	27	18	10.76	70	15.06	4	4	27	17	15.30	70	16.30	5	5	27	18	77.78	70	16.1384	18	18	27	17	9.14	70	15.97
5	5	27	18	77.62	70	15.5562	1	1	27	18	28.13	70	15.043	5	5	27	17	15.08	70	16.31	6	6	27	18	77.62	70	15.5562	19	19	27	17	9.07	70	15.95
6	6	27	18	82.79	70	15.5679	2	2	27	18	28.13	70	15.043	6	6	27	17	14.89	70	16.31	7	7	27	18	82.79	70	15.5679	20	20	27	17	9.07	70	15.95
7	7	27	18	82.42	70	15.5691	3	3	27	18	12.44	70	15.062	7	7	27	17	13.81	70	16.31	8	8	27	18	82.42	70	15.5691	21	21	27	17	9.04	70	15.94
8	8	27	18	83.95	70	15.5563	4	4	27	18	12.27	70	15.061	8	8	27	17	13.02	70	16.30	9	9	27	18	83.95	70	15.5563	22	22	27	17	9.04	70	15.94
Patch-1						Patch-2						Patch-3						Patch-4						Patch-5										
1	1	27	18	82.84	70	16.2283	6	6	27	18	27.76	70	15.41	10	10	27	17	15.50	70	16.46	1	1	27	18	82.84	70	16.2283	13	13	27	17	9.22	70	16.01
2	2	27	18	82.25	70	16.1367	7	7	27	18	27.76	70	15.41	11	11	27	17	15.24	70	16.46	2	2	27	18	82.25	70	16.1367	14	14	27	17	9.22	70	16.01
3	3	27	18	77.94	70	16.3031	8	8	27	18	27.76	70	15.41	12	12	27	17	14.98	70	16.46	3	3	27	18	77.94	70	16.3031	15	15	27	17	9.22	70	16.01
4	4	27	18	75.94	70	16.3021	9	9	27	18	27.76	70	15.41	13	13	27	17	14.72	70	16.46	4	4	27	18	75.94	70	16.3021	16	16	27	17	9.22	70	16.01
5	5	27	18	75.94	70	16.3021	10	10	27	18	27.76	70	15.41	14	14	27	17	14.46	70	16.46	5	5	27	18	75.94	70	16.3021	17	17	27	17	9.22	70	16.01
6	6	27	18	75.94	70	16.3021	11	11	27	18	27.76	70	15.41	15	15	27	17	14.20	70	16.46	6	6	27	18	75.94	70	16.3021	18	18	27	17	9.22	70	16.01
7	7	27	18	75.94	70	16.3021	12	12	27	18	27.76	70	15.41	16	16	27	17	13.94	70	16.46	7	7	27	18	75.94	70	16.3021	19	19	27	17	9.22	70	16.01
8	8	27	18	75.94	70	16.3021	13	13	27	18	27.76	70	15.41	17	17	27	17	13.68	70	16.46	8	8	27	18	75.94	70	16.3021	20	20	27	17	9.22	70	16.01
9	9	27	18	75.94	70	16.3021	14	14	27	18	27.76	70	15.41	18	18	27	17	13.42	70	16.46	9	9	27	18	75.94	70	16.3021	21	21	27	17	9.22	70	16.01
10	10	27	18	75.94	70	16.3021																												

Proposed Patch with Area Details for Compensatory Afforestation						
S.No.	Patch No.	Village	Ch. No.	Height	Area	Ha.
1	Patch-1	Kolu Talu	14 MMH	96.50	61.56	24.92
2	Patch-2	Kolu Talu	14 MMH	94.05	58.78	23.79
3	Patch-3	Kolu Talu	14 MMH	94.05	52.53	21.28
4	Patch-4	Kolu Talu	14 MMH	94.05	36.06	14.34
5	Patch-5	Kolu Talu	14 MMH	92.75	52.25	20.90
6	Patch-6	Kolu Talu	14 MMH	92.75	52.25	20.90
7	Patch-7	Kolu Talu	14 MMH	80.40	10.25	3.53
8	Patch-8	Kolu Talu	14 MMH	94.05	58.06	23.91
9	Patch-9	Kolu Talu	14 MMH & 15 MMH	93.22	37.07	15.00
10	Patch-10	Kolu Talu	14 MMH	94.05	25.54	10.28
11	Patch-11	Kolu Talu	14 MMH	94.05	74.21	29.80
12	Patch-12	Kolu Talu	14 & 15 MMH	97.75	61.00	24.72
13	Patch-13	Kolu Talu	14 & 15 MMH	49.76	13.01	5.09
14	Patch-14	Kolu Talu	14 MMH	88.59	15.27	24.21
15	Patch-15	Elkalpur	3 MM	90.00	61.88	25.04
16	Patch-16	Elkalpur	3 MM	90.00	60.00	24.00
17	Patch-17	Elkalpur	3 MM	90.00	60.00	24.00
18	Patch-18	Elkalpur	3 MM	88.50	35.31	22.58
19	Patch-19	Elkalpur	3 MM	148.50	91.81	37.56
20	Patch-20	Elkalpur	3 MM	73.00	46.94	18.93
21	Patch-21	Elkalpur	3 MM	74.50	46.54	18.62
	Total			7796.33	3066.67	439.00

Village wise Land Details				
Village	Chak No.	Proposed Ext		
		Bigha	Acres	Ha
Kolu Talia A	13 RMM	53.75	33.59	13.60
Kolu Talia A	14 RMM	359.80	224.88	91.07
Kolu Talia A	15 RMM	634.46	396.54	160.48
Kolu Talia A	5 RMM	24.10	15.06	6.10
Ekalpar	3 SLM	682.00	395.00	159.85
Total		1704.11	1065.07	431.03

0 125 250 375 500

Compensatory Afforestation Land Boundary




 क्षेत्रीय वन अधिकारी
 इकाई - सप्तम
 इ०गा०न०प०-॥
 छपखण्ड रामगढ़

अप वन रक्षक
आ.न.प.स्टेज-II
जैसलमेर



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70°25'0.00"E

Patch Wise Coordinates of CA Land Boundary

Sr. No.	Area	Latitude	Longitude	Sr. No.	Area	Latitude	Longitude	Sr. No.	Area	Latitude	Longitude	Sr. No.	Area	Latitude	Longitude	Sr. No.	Area	Latitude	Longitude	
Patch-1																				
1	1	27.18	46.47	15	20.91	1	27.18	46.52	39	15.73	1	27.18	46.52	39	15.73	1	27.18	46.52	39	15.73
2	1	27.18	46.47	15	20.91	2	27.18	46.52	39	15.73	2	27.18	46.52	39	15.73	2	27.18	46.52	39	15.73
3	1	27.18	46.47	15	20.91	3	27.18	46.54	39	15.73	3	27.18	46.54	39	15.73	3	27.18	46.54	39	15.73
4	1	27.18	46.47	15	20.91	4	27.18	46.54	39	15.73	4	27.18	46.54	39	15.73	4	27.18	46.54	39	15.73
5	1	27.18	46.47	15	20.91	5	27.18	46.54	39	15.73	5	27.18	46.54	39	15.73	5	27.18	46.54	39	15.73
6	1	27.18	46.47	15	20.91	6	27.18	46.54	39	15.73	6	27.18	46.54	39	15.73	6	27.18	46.54	39	15.73
7	1	27.18	46.47	15	20.91	7	27.18	46.54	39	15.73	7	27.18	46.54	39	15.73	7	27.18	46.54	39	15.73
8	1	27.18	46.47	15	20.91	8	27.18	46.54	39	15.73	8	27.18	46.54	39	15.73	8	27.18	46.54	39	15.73
9	1	27.18	46.47	15	20.91	9	27.18	46.54	39	15.73	9	27.18	46.54	39	15.73	9	27.18	46.54	39	15.73
10	1	27.18	46.47	15	20.91	10	27.18	46.54	39	15.73	10	27.18	46.54	39	15.73	10	27.18	46.54	39	15.73
11	1	27.18	46.47	15	20.91	11	27.18	46.54	39	15.73	11	27.18	46.54	39	15.73	11	27.18	46.54	39	15.73
12	1	27.18	46.47	15	20.91	12	27.18	46.54	39	15.73	12	27.18	46.54	39	15.73	12	27.18	46.54	39	15.73
13	1	27.18	46.47	15	20.91	13	27.18	46.54	39	15.73	13	27.18	46.54	39	15.73	13	27.18	46.54	39	15.73
14	1	27.18	46.47	15	20.91	14	27.18	46.54	39	15.73	14	27.18	46.54	39	15.73	14	27.18	46.54	39	15.73
15	1	27.18	46.47	15	20.91	15	27.18	46.54	39	15.73	15	27.18	46.54	39	15.73	15	27.18	46.54	39	15.73
16	1	27.18	46.47	15	20.91	16	27.18	46.54	39	15.73	16	27.18	46.54	39	15.73	16	27.18	46.54	39	15.73
17	1	27.18	46.47	15	20.91	17	27.18	46.54	39	15.73	17	27.18	46.54	39	15.73	17	27.18	46.54	39	15.73
18	1	27.18	46.47	15	20.91	18	27.18	46.54	39	15.73	18	27.18	46.54	39	15.73	18	27.18	46.54	39	15.73
19	1	27.18	46.47	15	20.91	19	27.18	46.54	39	15.73	19	27.18	46.54	39	15.73	19	27.18	46.54	39	15.73
20	1	27.18	46.4																	
Patch-2																				
1	1	27.18	46.47	15	20.91	1	27.18	46.52	39	15.73	1	27.18	46.52	39	15.73	1	27.18	46.52	39	15.73
2	1	27.18	46.47	15	20.91	2	27.18	46.52	39	15.73	2	27.18	46.52	39	15.73	2	27.18	46.52	39	15.73
3	1	27.18	46.47	15	20.91	3	27.18	46.54	39	15.73	3	27.18	46.54	39	15.73	3	27.18	46.54	39	15.73
4	1	27.18	46.47	15	20.91	4	27.18	46.54	39	15.73	4	27.18	46.54	39	15.73	4	27.18	46.54	39	15.73
5	1	27.18	46.47	15	20.91	5	27.18	46.54	39	15.73	5	27.18	46.54	39	15.73	5	27.18	46.54	39	15.73
6	1	27.18	46.47	15	20.91	6	27.18	46.54	39	15.73	6	27.18	46.54	39	15.73	6	27.18	46.54	39	15.73
7	1	27.18	46.47	15	20.91	7	27.18	46.54	39	15.73	7	27.18	46.54	39	15.73	7	27.18	46.54	39	15.73
8	1	27.18	46.47	15	20.91	8	27.18	46.54	39	15.73	8	27.18	46.54	39	15.73	8	27.18	46.54	39	15.73
9	1	27.18	46.47	15	20.91	9	27.18	46.54	39	15.73	9	27.18	46.54	39	15.73	9	27.18	46.54	39	15.73
10	1	27.18	46.47	15	20.91	10	27.18	46.54	39	15.73	10	27.18	46.54	39	15.73	10	27.18	46.54	39	15.73
11	1	27.18	46.47	15	20.91	11	27.18	46.54	39	15.73	11	27.18	46.54	39	15.73	11	27.18	46.54	39	15.73
12	1	27.18	46.47	15	20.91	12	27.18	46.54	39	15.73	12	27.18	46.54	39	15.73	12	27.18	46.54	39	15.73
13	1	27.18	46.47	15	20.91	13	27.18	46.54	39	15.73	13	27.18	46.54	39	15.73	13	27.18	46.54	39	15.73
14	1	27.18	46.47	15	20.91	14	27.18	46.54	39	15.73	14	27.18	46.54	39	15.73	14	27.18	46.54	39	15.73
15	1	27.18	46.47	15	20.91	15	27.18	46.54	39	15.73	15	27.18	46.54	39	15.73	15	27.18	46.54	39	15.73
16	1	27.18	46.47	15	20.91	16	27.18	46.54	39	15.73	16	27.18	46.54	39	15.73	16	27.18	46.54	39	15.73
17	1	27.18	46.47	15	20.91	17	27.18	46.54	39	15.73	17	27.18	46.54	39	15.73	17	27.18	46.54	39	15.73
18	1	27.18	46.47	15	20.91	18	27.18	46.54	39	15.73	18	27.18	46.54	39	15.73	18	27.18	46.54	39	15.73
19	1	27.18	46.47	15	20.91	19	27.18	46.54	39	15.73	19	27.18	46.54	39	15.73	19	27.18	46.54	39	15.73
20	1	27.18	46.4																	
Patch-3																				
1	1	27.18	46.47	15	20.91	1	27.18	46.52	39	15.73	1	27.18	46.52	39	15.73	1	27.18	46.52	39	15.73
2	1	27.18	46.47	15	20.91	2	27.18	46.52	39	15.73	2	27.18	46.52	39	15.73	2	27.18	46.52	39	15.73
3	1	27.18	46.47	15	20.91	3	27.18	46.54	39	15.73	3	27.18	46.54	39	15.73	3	27.18	46.54	39	15.73
4	1	27.18	46.47	15	20.91	4	27.18	46.54	39	15.73	4	27.18	46.54	39	15.73	4	27.18	46.54	39	15.73
5	1	27.18	46.47	15	20.91	5	27.18	46.54	39	15.73	5	27.18	46.54	39	15.73	5	27.18	46.54	39	15.73
6	1	27.18	46.47	15	20.91	6	27.18	46.54	39	15.73	6	27.18	46.54	39	15.73	6	27.18	46.54	39	15.73
7	1	27.18	46.47	15	20.91	7	27.18	46.54	39	15.73	7	27.18	46.54	39	15.73	7	27.18	46.54	39	15.73
8	1	27.18	46.47	15	20.91	8	27.18	46.54	39	15.73	8	27.18	46.54	39	15.73	8	27.18	46.54	39	15.73
9	1	27.18	46.47	15	20.91	9	27.18	46.54	39	15.73	9	27.18	46.54	39	15.73	9	27.18	46.54	39	15.73
10	1	27.18	46.47	15	20.91	10	27.18	46.54	39	15.73	10	27.18	46.54	39	15.73	10	27.18	46.54	39	15.73
11	1	27.18	46.47	15	20.91	11	27.18	46.54	39	15.73	11	27.18	46.54	39	15.73	11	27.18	46.54	39	15.73
12	1	27.18	46.47	15	20.91	12	27.18	46.54	39	15.73	12	27.18	46.54	39	15.73	12	27.18	46.54	39	15.73
13	1	27.18	46.47	15	20.91	13	27.18	46.54	39	15.73	13	27.18	46.54	39	15.73	13	27.18	46.54	39	15.73
14	1	27.18	46.47	15	20.91	14	27.18	46.54	39	15.73	14	27.18	46.54	39	15.73	14	27.18	46.54	39	15.73
15	1	27.18	46.47	15	20.91	15	27.18	46.54	39	15.73	15	27.18	46.54	39	15.73	15	27.18	46.54	39	15.73
16	1	27.18	46.47	15	20.91	16	27.18	46.54	39	15.73	16	27.18	46.54	39	15.73	16	27.18	46.54	39	15.73
17	1	27.18	46.47	15	20.91	17	27.18	46.54	39	15.73	17	27.18	46.54	39	15.73	17	27.18	46.54	39	15.73
18	1	27.18	46.47	15	20.91	18	27.18	46.54	39	15.73	18	27.18	46.54	39	15.73	18	27.18	46.54	39	15.73
19	1	27.18	46.47	15	20.91	19	27.18	46.54	39	15.73	19	27.18	46.54	39	15.73	19	27.18	46.54	39	15.73
20	1	27.18	46.4																	
Patch-4																				
1	1	27.18	46.47	15	20.91	1	27.18	46.52	39	15.73	1	27.18	46.52	39	15.73	1	27.18	46.52	39	15.73
2	1	27.18	46.47	15	20.91	2	27.18	46.52	39	15.73	2	27.18	46.52	39	15.73	2	27.18	46.52	39	15.73
3	1	27.18	46.47	15	20.91	3	27.18	46.54	39	15.73	3	27.18	46.54	39	15.73	3	27.18	46.54	39	15.73</

Full title of the Project : Construction of Shahpur (1800 MW) Pumped Storage Project by M/s Greenko Energies Private Limited, in Hanumanthkhera, Mungawali villages, G.P-Subhdhara; Baint Village, G.P-Bichi; Sahjanpur Villages, G.P-Kasba Nonera; Kaloni, Shahpur Villages, G.P-Mundiya; Tehsil-Shahbad; Baran District, Rajasthan.

Proposal no : FP/RJ/HYD/121439/2021

Date of Proposal : 03-02-2021

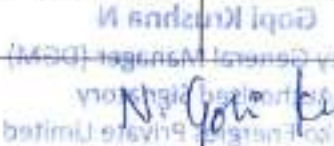
Diversion Area : 413.9002 Ha

Compensatory Afforestation Land (NFL) Details in Jaisalmer District

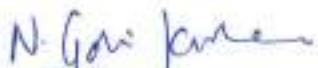
Sl. No.	Patch No.	Tehsil	Village	Chak No.	Murba / Survey No.	Bigha	Acres	Hectors
1	Patch-1	Ramgarh No. 2	Kolu Tala A	15 RMM	218/1	7.05	4.406	1.783
2				15 RMM	218/2	23.84	14.900	6.030
3				15 RMM	218/3	25.00	15.625	6.323
4				15 RMM	218/4	23.52	14.700	5.949
5				14 RMM	218/5	16.28	10.176	4.118
6	Patch-2	Ramgarh No. 2	Kolu Tala A	15 RMM	218/10	24.25	15.156	6.134
7				15 RMM	218/11	24.25	15.156	6.134
8				15 RMM	218/18	25.00	15.625	6.323
9				15 RMM	218/19	25.00	15.625	6.323
10	Patch-3	Ramgarh No. 2	Kolu Tala A	15 RMM	218/26	22.65	14.156	5.729
11				15 RMM	218/27	24.25	15.156	6.134
12				15 RMM	218/34	22.15	13.844	5.602
13				15 RMM	218/35	25.00	15.625	6.323
14	Patch-4	Ramgarh No. 2	Kolu Tala A	15 RMM	218/42	19.40	12.125	4.907
15				15 RMM	218/43	24.25	15.156	6.134
16				15 RMM	218/50	17.40	10.875	4.401
17				15 RMM	218/51	23.00	14.375	5.817
18	Patch-5	Ramgarh No. 2	Kolu Tala A	15 RMM	218/59	23.50	14.688	5.944
19				15 RMM	238/2	15.10	9.438	3.819
20				15 RMM	238/3	22.30	13.938	5.640
21	Patch-6	Ramgarh No. 2	Kolu Tala A	13 RMM	238/10	14.60	9.125	3.693
22				13 RMM	238/11	24.25	15.156	6.134
23				13 RMM	238/18	14.90	9.313	3.769
24	Patch-7	Ramgarh No. 2	Kolu Tala A	14 RMM	218/13	22.300	13.938	5.640
25				14 RMM	218/21	10.000	6.250	2.529
26				14 RMM	218/21	11.800	7.375	2.985
27				14 RMM	218/29	17.550	10.969	4.439

N. Gopi Krishna
Gopi Krishna N
 Deputy General Manager (DGM)
 Authorised Signatory
 Greenko Energies Private Limited

Sl. No.	Patch No.	Tehsil	Village	Chak No.	Murba / Survey No.	Bigha	Acres	Hectors
28				14 RMM	218/37	14.000	8.750	3.541
29				14 RMM	218/29	4.750	2.969	1.201
30	Patch-8	Ramgarh No. 2	Kolu Tala A	15 RMM	218/60	24.250	15.156	6.134
31				15 RMM	238/4	25.000	15.625	6.323
32				15 RMM	218/61	22.300	13.938	5.640
33				15 RMM	238/5	23.000	14.375	5.817
34	Patch-9	Ramgarh No. 2	Kolu Tala A	14 RMM	218/14	24.250	15.156	6.134
35				14 RMM	218/06	10.970	6.856	2.775
36				5 RMSM	218/15	24.100	15.063	6.096
37	Patch-10	Ramgarh No. 2	Kolu Tala A	14 RMM	218/46	15.550	9.719	3.933
38				14 RMM	218/54	25.000	15.625	6.323
39	Patch-11	Ramgarh No. 2	Kolu Tala A	14 RMM	218/62	24.250	15.156	6.134
40				15 RMM	238/6	25.000	15.625	6.323
41				15 RMM	238/7	25.000	15.625	6.323
42	Patch-12	Ramgarh No. 2	Kolu Tala A	14 RMM	218/64	24.250	15.156	6.134
43				14 RMM	219/57	24.250	15.156	6.134
44				14 RMM	219/58	14.550	9.094	3.680
45				14 RMM	219/58	9.700	6.063	2.453
46				15 RMM	239/2	25.000	15.625	6.323
47	Patch-13	Ramgarh No. 2	Kolu Tala A	15 RMM	239/9	24.250	15.156	6.134
48				15 RMM	239/10	23.750	14.844	6.007
49				14 RMM	239/11	1.758	1.099	0.445
50	Patch-14	Ramgarh No. 2	Kolu Tala A	14 RMM	239/11	20.942	13.089	5.2969
51				14 RMM	239/12	10.700	6.688	2.706
52				14 RMM	239/12	13.550	8.469	3.427
53				14 RMM	239/19	11.250	7.031	2.846
54				14 RMM	239/20	8.650	5.406	2.188
55				14 RMM	239/21	23.500	14.688	5.944
56	Patch-15	Jaisalmer No.1	Ekalpar	3 SLM	19/29	24.50	15.313	6.197
57				3 SLM	19/30	24.50	15.313	6.197
58				3 SLM	19/37	25.00	15.625	6.323
59				3 SLM	19/38	25.00	15.625	6.323
60	Patch-16	Jaisalmer No.1	Ekalpar	3 SLM	19/45	24.50	15.313	6.197
61				3 SLM	19/53	25.00	15.625	6.323
62				3 SLM	19/46	24.50	15.313	6.197


 Deputy General Manager (DGM)
 Authorised Signatory
 Greenko Energies Private Limited

Sl. No.	Patch No.	Tehsil	Village	Chak No.	Murba / Survey No.	Bigha	Acres	Hectors
63				3 SLM	19/54	25.00	15.625	6.323
64	Patch-17	Jaisalmer No.1	Ekalpar	3 SLM	19/61	24.50	15.313	6.197
65				3 SLM	19/62	24.50	15.313	6.197
66	Patch-18	Jaisalmer No.1	Ekalpar	3 SLM	39/5	24.50	15.313	6.197
67				3 SLM	39/6	23.00	14.375	5.817
68				3 SLM	39/7	23.00	14.375	5.817
69				3 SLM	39/8	18.00	11.250	4.553
70	Patch-19	Jaisalmer No.1	Ekalpar	3 SLM	39/13	24.50	15.313	6.197
71				3 SLM	39/14	24.50	15.313	6.197
72				3 SLM	39/15	24.50	15.313	6.197
73				3 SLM	39/21	25.00	15.625	6.323
74				3 SLM	39/22	25.00	15.625	6.323
75				3 SLM	39/23	25.00	15.625	6.323
76	Patch-20	Jaisalmer No.1	Ekalpar	3 SLM	39/29	24.50	15.313	6.197
77				3 SLM	39/30	24.50	15.313	6.197
78				3 SLM	39/31	24.50	15.313	6.197
79	Patch-21	Jaisalmer No.1	Ekalpar	3 SLM	39/55	25.00	15.625	6.323
80				3 SLM	39/56	25.00	15.625	6.323
81				3 SLM	39/63	24.50	15.313	6.197
	Total					1704.11	1065.070	431.028


Gopi Krishna N
 Deputy General Manager (DGM)
 Authorised Signatory
 Greenko Energies Private Limited

कार्यालय संभागीय मुख्य वन संरक्षक, जोधपुर

क्रमांक एफ ()एफसीए/2023/एनएफएल ग्रीनको/ 925
निमित्त :

दिनांक : 08/2/23

उप वन संरक्षक,
इगानप स्टेज-II जैसलमेर

विषय :- Diversion of 413.9002 Ha of Forest Land for the Development of Shahpur Pumped Storage Project by M/s Greenko Energies Pvt Ltd, Shahbad Tehsil in Baran Dist Rajasthan (Proposal No FP/RJ/HYD/121439/2021)

संदर्भ :- संभागीय मुख्य वन संरक्षक, कोटा का पत्रांक 817 दिनांक 7-2-23

महोदय,

उपरोक्त विषयान्तर्गत लेख है कि विषयांकित प्रत्यावर्तन प्रकरण में संभागीय मुख्य वन संरक्षक, कोटा ने संदर्भित पत्र द्वारा अवगत कराया है कि प्रकरण में प्रत्यावर्तित होने वाली वनभूमि के एवज में क्षतिपूर्ति वृक्षारोपण हेतु प्राप्त की जाने वाली उपयुक्त गैर वन भूमि के संबंध में जिला कलक्टर, बारां ने अपने पत्रांक 11702 दिनांक 21-12-2022 से अवगत कराया है कि बारां जिले में 413.9002 हेक्टर राजकीय भूमि गैर वनभूमि के रूप में उपलब्ध नहीं है। इस संबंध में उप वन संरक्षक, बारां ने प्रकरण में जैसलमेर जिले में उपयुक्त गैर वनभूमि प्रयोक्ता अभिकरण से चयन करवाकर गैर वनभूमि का खसरावार विवरण, राजस्व मैप, केएमएल फाईल, टोपोशीट, खसरा गिरदावरी, आदि आवश्यक कार्यवाही हेतु प्रेषित किये हैं।

संभागीय मुख्य वन संरक्षक, कोटा ने विषयांकित प्रत्यावर्तन प्रकरण में दी जाने वाले वनभूमि के बदले जैसलमेर जिले में प्रस्तावित/चयनित की गई गैर वनभूमि पर क्षतिपूर्ति वृक्षारोपण करवाने हेतु स्थल उपयुक्तता प्रमाण पत्र, क्षतिपूर्ति वृक्षारोपण योजना एवं अन्य तकनीकी अभिलेख चाहे हैं।

अतः निर्देश है कि आलोच्य प्रकरण में पार्ट-II भरने हेतु संलग्न अभिलेखों से संबंधित गैर वनभूमि का अपने स्तर से निरीक्षण कर स्थल उपयुक्तता प्रमाण पत्र, क्षतिपूर्ति वृक्षारोपण योजना, केएमएल फाईल, टोपोशीट, राजस्व नक्शा आदि आवश्यक समस्त अभिलेख इस कार्यालय को भिजवाने का श्रम करावें।
संलग्न - उक्तानुसार।

भवदीय

(एस आर वी मूर्थी)
संभागीय मुख्य वन संरक्षक,
जोधपुर

क्रमांक एफ ()एफसीए/2023/एनएफएल ग्रीनको/ 925-28 दिनांक : 08/2/23
प्रतिलिपि निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है :-

1. अति प्रधान मुख्य वन संरक्षक, प्रोटेक्शन एवं नोडल अधिकारी, एफसीए, राज जयपुर।
2. संभागीय मुख्य वन संरक्षक, कोटा
3. उप वन संरक्षक बारां
4. ग्रीनको एनर्जी प्राइवेट लिमिटेड,

RajKaj Ref No. : 3131397

Signature valid

Digitally signed by S R Vankateswara Murthy
Designation : Chief Conservator Of Forest
Date: 2023.02.08 18:56:04 IST
Reason: Approved



कार्यालय संभागीय मुख्य वन संरक्षक, जोधपुर

क्रमांक एफ ()एफसीए/2023/एनएफएल ग्रीनको/
निमित्त :

दिनांक :

संभागीय मुख्य वन संरक्षक,
कोटा

विषय :- Diversion of 413.9002 Ha of Forest Land for the Development of Shahpur Pumped Storage Project by M/s Greenko Energies Pvt Ltd, Shahbad Tehsil in Baran Dist Rajasthan (Proposal No FP/RJ/HYD/121439/2021)

संदर्भ :- आपका पत्रांक 817 दिनांक 7-2-23 एवं उप वन संरक्षक, इगानप स्टेज-आ जैसलमेर का पत्रांक 1083 दिनांक 3-3-2023

महोदय,

उपरोक्त विषयान्तर्गत निवेदन है कि विषयांकित प्रत्यावर्तन प्रकरण में प्रत्यावर्तित होने वाली वनभूमि के एवज में क्षतिपूर्ति वृक्षारोपण हेतु प्राप्त की जाने वाली समान क्षेत्रफल की 413.9002 हेक्टर उपयुक्त गैर वन भूमि जो कि प्रयोक्ता अभिकरण द्वारा जैसलमेर जिले में चयनित की गई है, के संबंध में आपके संदर्भित पत्र द्वारा प्रस्तावित/चयनित की गई गैर वनभूमि पर क्षतिपूर्ति वृक्षारोपण करवाने हेतु संबंधित उप वन संरक्षक से स्थल उपयुक्तता प्रमाण पत्र, क्षतिपूर्ति वृक्षारोपण योजना एवं अन्य तकनीकी अभिलेख चाहे थे।

जिसके क्रम में इस संभाग अधीन उप वन संरक्षक, इगानप स्टेज-आ जैसलमेर ने अपने संदर्भित पत्र द्वारा जैसलमेर जिले में उनके क्षेत्राधिकार में प्रयोक्ता अभिकरण द्वारा दी जाने वाले गैर वनभूमि का संयुक्त निरीक्षण किया जाकर स्थल उपयुक्तता प्रमाण पत्र, क्षतिपूर्ति वृक्षारोपण योजना, केएमएल फाईल, टोपोशीट, राजस्व नक्शा 6 प्रतियों में इस कार्यालय को प्रेषित किया है। प्राप्त अभिलेखों की 5 प्रतियां आपको आवश्यक कार्यवाही हेतु संलग्न प्रेषित की जा रही है।

संलग्न - उक्तानुसार।

भवदीय

(एस आर वी मूर्थी)

संभागीय मुख्य वन संरक्षक,
जोधपुर

क्रमांक एफ ()एफसीए/2023/एनएफएल ग्रीनको/1477-79
प्रतिलिपि निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है :-

दिनांक : 03/03/2023

1. अति प्रधान मुख्य वन संरक्षक, प्रोटेक्शन एवं नोडल अधिकारी, एफसीए, राज जयपुर।
2. उप वन संरक्षक, इगानप स्टेज-आ जैसलमेर।
3. ग्रीनको एनर्जी प्राइवेट लिमिटेड,

संभागीय मुख्य वन संरक्षक,
जोधपुर

Signature valid

Digitally signed by S R Venkateswara
Murthy
Designation : Chief Conservator Of
Forest
Date: 2023.03.03 12:37:46 IST
Reason: Approved

RajKaj Ref No. : 3317816

