

कार्यालय उप वन संरक्षक बारां

क्रमांक एफ (एफ.सी.ए./ उ.व.स./2025-26/ 7647

दिनांक :- 19-11-2025

निमित्त

M/s Greenko Energies Private Limited
Plot no- 1071, Road No. 44, Jubilee Hills
Hyderabad, Telangana- 500 033

विषय:- Proposal for diversion of 407.8227 ha. of forest land in favour of M/s Greenko Energies Private Limited for construction of Shahpur (1800 MW) Pumped Storage Project in Hanumanthkhera, Mungawali villages, G.P.-Mundiyar, Tehsil-Shahbad, Baran District, Rajasthan. (Proposal No.FP/RJ/HYD/I21439/2021).

संदर्भ:- भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली का पत्र क्रमांक 8-258-25-2023-FC, दिनांक 15.03.2024 एवं अति. प्रधान मुख्य वन संरक्षक एवं नोडल अधिकारी एफ.सी.ए राज0 जयपुर के पत्र क्रमांक 1944 दिनांक 04.11.2025 एवं इ.गा.न.प.स्टेज-ग, जैसलमेर का पत्र क्रमांक 5440 दिनांक 14.11.2025 के क्रम में।

महोदय

उपरोक्त विषयान्त लेख है कि भारत सरकार, पर्यावरण एवं वन मंत्रालय, नई दिल्ली के संदर्भित पत्र में अधिरोपित शर्तों के तहत सैद्धांतिक सहमति प्रदान की है। जिसके क्रम में शर्त क्रमांक xviii एवं xx एवं xii के अनुसार निम्नानुसार संशोधित राशि कैम्पा मद में ई-पोर्टल (<https://Parivesh.nic.in>) के माध्यम से जमा की जाना है। जो निम्नानुसार है:-

1. शर्त क्रमांक xviii के अनुसार प्रकरण में उप वन संरक्षक जैसलमेर द्वारा तैयार की गई रकबा 431.3752 हेक्टेयर एन.एफ.एल भूमि एवं 184.84 डी.एफ.एल भूमि की वैकल्पिक वृक्षारोपण योजना अनुसार राशि 21,85,25,213/- एवं उप वन संरक्षक, बारां द्वारा तैयार की गई रकबा 408.00 हेक्टेयर डी.एफ.एल भूमि की वैकल्पिक वृक्षारोपण योजना अनुसार राशि 8,37,32,832/-रूपये कुल राशि 30,22,58,045/-रूपये जमा की जाये।
2. शर्त क्रमांक xx के अनुसार प्रकरण में प्रभावित होने वाली 407.8227 हेक्टेयर वनभूमि की नेट प्रजेन्ट वेल्थु (NPV) राशि 42,37,37,163/- रूपये जमा की जाये।
3. शर्त क्रमांक xii के अनुसार प्रकरण में Soil Erosion योजना की राशि 72,13,258/- रूपये जमा करवाकर रसीद इस कार्यालय में प्रेषित करे साथ ही भारत सरकार पर्यावरण एवं वन मंत्रालय, नई दिल्ली कार्यालय के संदर्भित पत्र से जारी सैद्धांतिक स्वीकृति में अधिरोपित सभी शर्तों का पालन प्रतिवेदन करना सुनिश्चित करें।

(डॉ. सुनील कुमार गौड)

उप वन संरक्षक

बारां

क्रमांक एफ (एफ.सी.ए./ उ.व.स./2025-26/

दिनांक :-

प्रतिलिपि निम्नांकित को सूचनार्थ हेतु प्रेषित :-

1. अतिरिक्त प्रधान मुख्य वन संरक्षक प्रोटेक्शन एवं नोडल अधिकारी एफसीए जयपुर की और सूचनार्थ।
2. मुख्य वन संरक्षक कोटा/जोधपुर।
3. उप वन संरक्षक स्टेज- जैसलमेर।

उप वन संरक्षक

बारां

FCA
17-11-25

कार्यालय उप वन संरक्षक इन्दिरा गांधी नहर परियोजना स्टेज-11 जैसलमेर 11

क्रमांक : एफ16 () सर्वे/एफसीए/उवसइगानप/2025/ 5440

दिनांक : 14/11/25

निमित्त :

उप वन संरक्षक
बारां।

विषय :- Proposal for diversion of (407.8227 ha.) Forest land for the development of Shagpur (1800 MW) Pumped Storage Project by M/S Greenko Energies Private Limited in Baran Territorial Forest Division, District Baran, Rajasthan. (Proposal No. FP/RJ/HYD/121439/2021)-reg.

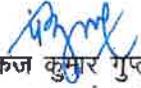
प्रसंग :- आपका पत्र क्रमांक एफ ()/एफ.सी.ए./उ.व.स./2025-26/7333 दिनांक 06.11.2025 के संबंध में।

महोदय,

उपर्युक्त विषयान्तर्गत प्रासंगिक पत्र के क्रम में निवेदन है कि उक्त प्रकरण में इस वनमण्डल अधीन एनएफएल 431.3752 हे० एवं डीएफएल 184.82 हे० पर क्षतिपूर्ति वृक्षारोपण प्रस्तावित है, जिसमें क्षतिपूर्ति वृक्षारोपण की गणना राजस्थान सरकार के पत्र क्रमांक एफ3(13)प्र.मु.व.स./ट्री/तक/23-24/44 दिनांक 06.02.2025 से दरों में परिवर्तन होने के कारण वर्तमान नवीन दर रू० 285 प्रति दिवस के आधार पर तैयार कर पत्र के संलग्न सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है एवं एनएफएल/डीएफएल की पूर्ण फेंसिंग के संबंध यह है कि इस भूमि के चारों ओर 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, बारबड़ वायर एवं चैन लिंक फेंसिंग किया जाना प्रस्तावित है एवं अंदर की सीमाओं पर सामान्य आरसीसी पोस्ट, बारबड़ वायर एवं वेल्डेड मेस फेंसिंग किया जाना प्रस्तावित है। फेंसिंग का विवरण संशोधित प्राकल्पन के विन्दु संख्या 3 व 4 में अंकित किया गया है।

संलग्न :- उपरोक्तानुसार।

भवदीय


(पंकज कुमार गुप्ता)
उप वन संरक्षक
इ.गां.न.प.स्टेज-11
जैसलमेर

क्रमांक : एफ16 () सर्वे/एफसीए /उवसइगानप/2025/

दिनांक :

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है :-

1. अतिरिक्त प्रधान मुख्य वन संरक्षक, प्रोटेक्शन एवं नोडल अधिकारी (एफ.सी.ए.) राजस्थान जयपुर।
2. संभागीय मुख्य वन संरक्षक, वन भवन, न्यू चाली रोड़, जोधपुर।
3. उप वन संरक्षक (एफ.सी.ए.) अरण्य भवन, राजस्थान जयपुर।
4. मैसर्स ग्रीनको एनर्जी प्रा० लि०।

उप वन संरक्षक
इ.गां.न.प.स्टेज-11
जैसलमेर

DEPUTY CONSERVATOR OF FOREST, IGNP STAGE-II JAISALMER

Full Title of the Project :- Proposal for diversion of (407.8227 ha.) Forest land for the development of Shagpur (1800 MW) Pumped Storage Project by M/S Greenko Energies Private Limited in Baran Territorial Forest Division, District Baran, Rajasthan.

Proposal No. :- FP/RJ/HYD/121439/2021

Date of Proposal :- 03.02.2021

schedule of Plantation Program

Detail of Year Wise Breaking fo 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.	19.1882 Ha.	431.3752 Ha.	184.82 Ha.					
0 Year	18326156	7096384	9604162	2101797	37128500	5699634					42828134
1 Year	17891333	5367896	12010938	1834795	37104962	13812295					50917257
2 Year	9828999	4212573	8781804	1343412	24166788	10181596					34348384
3 Year	7278662	2620729	4831707	942495	15673593	5905501					21579094
4 Year	5345994	2452570	4487476	892913	13178954	6258117					19437070
5 Year	3622089	1195988	2415538	490163	7723778	3084812					10808590
6 Year	1732250	663181	1155168	338039	3888639	1626602					5515241
7 Year	1732250	663181	1155168	338039	3888639	1626602					5515241
8 Year	1732250	663181	1155168	338039	3888639	1626602					5515241
9 Year	1732250	663181	1155168	338039	3888639	1626602					5515241
10 Year	1732250	663181	1155168	338039	3888639	1626602					5515241
11 Year	1732250	663181	1155168	338039	3888639	1626602					5515241
12 Year	1732250	663181	1155168	338039	3888639	1626602					5515241
Total	74418985	27588409	50217802	9971850	162197046	56328167					218525213

Place : Jaisalmer

Date : 14-11-2025

(Signature) 
 Name :- Pankaj Kumar Gupta
 Designation :- DCF IGNP ST.-II Jaisalmer
 office Seal (पंकज कुमार गुप्ता)
 उष्यस्य संकेतम्
 इ.श.ज.स. संघ-11, 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 285/day
COST ESTIMATE: RS.56328167

Project: Shahpur Pumped Storage Project (1800 MW)
Proposal No.: FP/RJ/HYD/121439/2021
Diversion Area : 407.8227 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.		1437.75/ Ha.	245809	19916	265725
2	Survey of area. Lay out of contour trenches, burrow pits and making of segments / plots		845.92/Ha.	141169	15174	156343
3	Fencing of plantation area with 1.5M high R.C.C. Post and Four lines of wire and 1.2M broad welded wire mesh.	7795	179.64/rmt	700225	699991	1400216
4	Cost of raising 840 seedlings/Ha. in nursery.	155249	7.76	794875	409857	1204732
5	Purchase of 8HP Engine	5	75000	0	375000	375000
6	Purchase of 7.5HP Solar Pump and fixing.	2	300000	0	600000	600000
7	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			450000	450000
8	Purchase of tools and plants	Lumsum			72000	72000
9	Purchase of Fertilisers and insecticides	Lumsum			130483	130483
10	Purchase of Plantation Board including painting and fixing.			24315	52208	76523
11	Construction of approach road/inspection path	prorata	484.17/ Ha.	89484	0	89484
12	Watch and ward for 4 months			128125		128125
13	R and M of Vehicles	Lumsum			42509	42509
14	Labour amenities			79781	37376	117157
15	Misc. and unforeseen expenses including POL for vehicles (Labour, instruments, machines etc.)	Lumsum		53228	19961	73189
	TOTAL YEAR 0			2257011	2924474	5181485
16	Administrative charges 10%					518149
	TOTAL					5699634

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	14372	14372
2	Maintenance of 840 Plants/Ha. seeding in nursery	155249	2.74/Plant	338443	86939	425382
3	Raising of 140 seedlings in nursery for casualty replacement in year-2 (20% of 700)	25875	7.76/Plant	132480	68310	200790
4	Transportation of 770 plants/Ha. from nursery to planting site	142311	4.01/plant	532243	38424	570667
5	Planting of 800 seedings/Ha. In command area including digging of pits, local transportation, treatment of pit with pesticides and fertilisers, making of thanwala and initial watering.	129374	17.17/Plant	2042815	178536	2221352
6	Spot watering & application of insecticides in 800 plants. (6th times)	129374	24.95/plant	2128202	1099679	3227881
7	Weeding and hoeing of 800 plants/Ha. (2 times)	129374	10.12/plant	2618530	0	2618530
8	hoeing of 800 plants/Ha. (2 times)	129374	6.23/plant	1612000	0	1612000
9	Application of Urea and Fertiliser.	129374	0.65/Plant	53043	31050	84093
10	Purchase of PVC Pipes.	Lumsum			205000	205000
11	Maintenance of engines	Lumsum			102000	102000
12	Watch and ward for 12 months	Lumsum		384518		384518
13	Construction of cattle guard hut.	Lumsum		60000	190000	250000
14	Labour amenities.	Lumsum		136514	6724	143237
15	Micellaneous and unforeseen expenditure includind running of vechile	Lumsum		33083	5914	38997
	TOTAL YEAR 1			10071871	2026948	12098819
16	Cost escalation in labour amount due to increase in wage rate @5%			503594		503594
17	Administrative charges 10%					1209882
	TOTAL					13812295

क्षेत्रीय वन अधिकारी
इकाई सप्तम
इ.ग.न.प.-II
सम्बलपुर, रामगढ़

(पंकज कुमार गुप्ता)
उपवन संरक्षक
इ.ग.न.प. स्टेज-1, जैसलमेर

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	14372	14372
2	Maintenance of 140 seedling/ha. in nursery for casualty replacement in 2nd year	25875	2.74/Plant	56408	14490	70898
3	Casualty replacement 140 plants including redigging of pits, transportation planting with treatment of pesticides and fertiliser, watering	25875	12.18/Plant	286436	28721	315158
4	Spot watering & application of insecticides in 700 plants. (6th times)	129374	24.95/plant	2128202	1099679	3227881
5	Application of Urea and Fertiliser. (2 times)	129374	0.65/Plant	106087	62100	168186
6	Weeding and hoeing of 700 plants/Ha. (2 times)	129374	10.12/plant	2618530	0	2618530
7	hoeing of 800 plants/Ha. (2 times)	129374	6.23/plant	1612000	0	1612000
8	Maintenance of engines	Lumsum			68000	68000
9	Watch and ward for 12 months	Lumsum		384518		384518
10	Misc. and unforeseen expenditure including (forest protection measures and running of vechile etc.	Lumsum		72080	43987	116067
	TOTAL YEAR 2			7264260	1331349	8595609
11	Cost escalation in labour amount due to increase in wage rate @10%			726426		726426
12	Administrative charges 10%					859561
	TOTAL					10181596

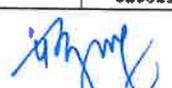
Second Year Maintenance (Year 3)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	14372	14372
2	Spot watering & application of insecticides in 700 plants. (5 times)	129374	20.80/plant	1773718	917262	2690979
3	Application of Urea and Fertiliser. (2 times)	129374	0.65/Plant	106087	62100	168186
4	hoeing of 700 plants/Ha.	129374	6.23/plant	806000	0	806000
5	Purchase of PVC Pipes.	Lumsum			210000	210000
6	Maintenance of engines	Lumsum			80000	80000
7	Purning and tending of 700 plants per ha.	129374	2.55/plant	329904		329904
8	Watch and ward for 12 months	Lumsum		384518		384518
9	Misc. and unforeseen expenditure including (repairing of fencing/structures pruning/running of vechile etc.)	Lumsum		147486	53413	200899
	TOTAL YEAR 3			3547712	1337146	4884858
10	Cost escalation in labour amount due to increase in wage rate @15%			532157		532157
11	Administrative charges 10%					488486
	TOTAL					5905501

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	14372	14372
2	Spot watering & application of insecticides in 700 plants. (4 times)	129374	16.63/plant	1419233	732257	2151490
3	hoeing of 700 plants/Ha.	129374	6.23/plant	806000	0	806000
4	Maintenance of engines	Lumsum			68000	68000
5	Purning and tending of 700 plants per ha. (2 times)	129374	5.11/plant	1322202		1322202
6	Watch and ward for 12 months	Lumsum		384518		384518
7	Misc. and unforeseen expenditure including (repairing of fencing/structures pruning/running of vechile etc.)	Lumsum		147486	53413	200899
	TOTAL YEAR 4			4079439	868041	4947481
8	Cost escalation in labour amount due to increase in wage rate @20%			815888		815888
9	Administrative charges 10%					494748
	TOTAL					6258117


क्षेत्रीय वन अधिकारी
 इकाई सप्तम
 इ.प्र.न.प.-II
 जयसिंह रामगढ़


(पंकज कुमार गुप्ता)
 उपवन संरक्षक
 इ.प्र.न.प. स्टेशन-11, जैसलमेर

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	14372	14372
2	Spot watering & application of insecticides in 700 plants. (2 times)	129374	8.32/plant	708970	367422	1076392
3	Maintenance of engines	Lumsum			50000	50000
4	Purning and tending of 450 plants per ha.	83169	7.80/plant	648718		648718
5	Watch and ward for 12 months	Lumsum		384518		384518
6	Misc. and unforeseen expenditure including (repairing of fencing/structures pruning/running of vechile etc.)	Lumsum		147486	53413	200899
TOTAL YEAR 5				1889692	485207	2374899
7	Cost escalation in labour amount due to increase in wage rate @25%			472423		472423
8	Administrative charges 10%					237490
TOTAL						3084812

Subsequent Maintenance (Year 6 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	14316	14316
2	Purning and tending of 400 plants per ha.	73928	7.80/plant	576638		576638
3	Watch and ward for 12 months	Lumsum		384518		384518
4	Misc. and unforeseen expenditure including (repairing of fencing/structures pruning/running of vechile etc.)	Lumsum		147486	53413	200899
TOTAL YEAR 6				1108643	67729	1176372
5	Cost escalation in labour amount due to increase in wage rate @30%			332593		332593
6	Administrative charges 10%					117637
TOTAL						1626602

Grand Total			
0 Year			5699634
1 Year			13812295
2 Year			10181596
3 Year			5905501
4 Year			6258117
5 Year			3084812
6 Year			1626602
7 Year			1626602
8 Year			1626602
9 Year			1626602
10 Year			1626602
11 Year			1626602
12 Year			1626602
Total			56828167

Range Forest Officer
Unit- 1 (1251 RD Nachna)
IGNP ST-II Jaisalmer

राष्ट्रीय वन अधिकारी
इकाई-1
इ.ग.न.प.-II
उपखण्ड रामगढ


Deputy Conservator of Forest
IGNP st-II Jaisalmer

(पंकज कुमार गुप्ता)
उपवन संरक्षक
इ.ग.न.प. स्टेज-II, जैसलमेर

MODEL COST ESTIMATES FOR COMPENSATORY AFFORESTATION

ON ALLOTTED/IDENTIFIED NON FOREST LAND (NFL)

Block D

UNIT: 19.1882 Ha
PERIMETER: 2014 (outer) + 0 (inner) = 2014 M
LABOUR RATE: Rs 285/day
COST ESTIMATE: RS.9971850

Project: Shahpur Pumped Storage Project (1800 MW)
Proposal No.: FP/RJ/HYD/121439/2021
Diversion Area : 407.8227 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.		1437.75/ Ha.	25520	2068	27588
2	Survey of area. Lay out of contour trenches, burrow pits and making of segments / plots		845.92/Ha.	14656	1575	16232
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	553/rmt.	0	1113742	1113742
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.C. Post and Four lines of wire and 1.2M broad welded wire mesh.	0	179.64/rmt	0	0	0
5	Cost of raising 960 seedlings/Ha. in nursery.	18420	7.75	94310	48629	142939
6	Purchase of 8HP Engine	1	75000	0	75000	75000
7	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			50000	50000
8	Purchase of tools and plants	Lumsum			7500	7500
9	Purchase of Fertilisers and Insecticides	Lumsum			15000	15000
10	Purchase of Plantation Board including painting and fixing.			2524	5420	7945
11	Watch and ward for 4 months			53872		53872
12	Labour amenities			8283	3880	12163
13	Misc. and unforeseen expenses including running of vehicles	Lumsum		2963	3121	6084
	TOTAL YEAR 0			242409	1668315	1910725
14	Administrative charges 10%					191072
	TOTAL					2101797

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	1486	1486
2	Maintenance of 960 Plants/Ha. seeding in nursery	18420	2.74/Plant	40156	10315	50471
3	Raising of 160 seedlings in nursery for casualty replacement in year-2 (20% of 800)	3070	7.76/Plant	15718	8105	23823
4	Transportation of 880plants/Ha. from nursery to planting site	16885	4.01/plant	63150	4559	67709
5	Planting of 800 seedings/Ha. In command area including digging of pits, local transportation, treatment of pit with pesticides and fertilisers, making of thanwala and initial watering.	15350	17.17/Plant	242377	21183	263560
6	Spot watering & application of insecticides in 800 plants. (6th times)	15350	24.95/plant	252508	130475	382983
7	Weeding and hoeing of 800 plants/Ha. (2 times)	15350	10.12/plant	155342	0	155342
8	hoeing of 800 plants/Ha. (2 times)	15350	6.23/plant	191261	0	191261
9	Application of Urea and Fertiliser.	15350	0.65/Plant	6294	3684	9978


श्री अनांद कुमार
 इकाई सप्तम
 इ.ग.न.प.-II
 राजसमूह रामगढ़


(पंकज कुमार गुप्ता)
 उपवन संरक्षक
 इ.ग.न.प. स्टेशन-1, जैसलमेर

10	Purchase of PVC Pipes.	Lumsum			205000	205000	
11	Maintenance of engines	Lumsum			11000	11000	
12	Watch and ward for 12 months	Lumsum		161616		161616	
13	Construction of cattle guard hut.	Lumsum		20000	40000	60000	
14	Labour amenities.	Lumsum		14173	698	14871	
15	Repairs and maintenance of vehicles.	Lumsum			10574	10574	
16	Misc. and unforeseen expenses including running of vehicles	Lumsum		3080	2258	5338	
TOTAL YEAR 1					1165673	449337	1615011
17	Cost escalation in labour amount due to increase in wage rate @5%			58284		58284	
18	Administrative charges 10%					161501	
TOTAL							1834795

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	1486	1486
2	Maintenance of 160 seedling/ha. in nursery for casualty replacement in 2nd year	3070	2.74/Plant	6693	1719	8412
3	Casualty replacement 160 plants including redigging of pits, transportation planting with treatment of pesticides and fertiliser, watering	3070	12.18/Plant	33985	3408	37393
4	Spot watering & application of insecticides in 800 plants. (6th times)	15350	24.95/plant	252508	130475	382983
5	Application of Urea and Fertiliser. (2 times)	15350	0.65/Plant	12587	7368	19955
6	Weeding and hoeing of 800 plants/Ha. (2 times)	15350	10.12/plant	310684	0	310684
7	hoeing of 800 plants/Ha. (2 times)	15350	6.23/plant	191261	0	191261
8	Repair and maintenance of vehicle	Lumsum			7500	7500
9	Maintenance of engines	Lumsum			7500	7500
10	Watch and ward for 12 months	Lumsum		161616		161616
11	Misc. and unforeseen expenses including running of vehicles	Lumsum		2823	1293	4117
TOTAL YEAR 2				972156	160750	1132906
12	Cost escalation in labour amount due to increase in wage rate @10%			97216		97216
13	Administrative charges 10%					113291
TOTAL						1343412

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	1486	1486
2	Spot watering & application of insecticides in 800 plants. (5 times)	15350	20.80/plant	210449	108832	319280
3	Application of Urea and Fertiliser. (2 times)	15350	0.65/Plant	12587	7368	19955
4	hoeing of 800 plants/Ha. (2 times)	15350	6.23/plant	191261	0	191261
5	Repair and maintenance of vehicle	Lumsum			5500	5500
6	Purchase of PVC Pipes.	Lumsum			22000	22000
7	Maintenance of engines	Lumsum			8200	8200
8	Purning and tending of 800 plants per ha.	15350	2.55/plant	39143		39143
9	Watch and ward for 12 months	Lumsum		161616		161616
10	Misc. and unforeseen expenses including running of vehicles	Lumsum		2823	1293	4117
TOTAL YEAR 3				617878	154679	772557
11	Cost escalation in labour amount due to increase in wage rate @15%			92682		92682
12	Administrative charges 10%					77256
TOTAL						942495

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	1486	1486
2	Spot watering & application of insecticides in 800 plants. (4 times)	15350	16.63/plant	168390	86881	255271
3	hoeing of 800 plants/Ha. (2 times)	15350	6.23/plant	191261	0	191261
4	Repair and maintenance of vehicle	Lumsum			3000	3000
5	Maintenance of engines	Lumsum			7000	7000
6	Purning and tending of 800 plants per ha.	15350	5.11/plant	78439		78439

क्षेत्रीय वन अधिकारी
इकाई सप्तम
इ.ग.न.प.-II
उपखण्ड रामगढ़

(पंकज कुमार गुप्ता)
उपवन संरक्षक
इ.ग.न.प. स्टेशन-1, जसलमेर

7	Watch and ward for 12 months	Lumsum		161616		161616
8	Misc. and unforeseen expenses including running of vehicles	Lumsum		2823	1293	4117
TOTAL YEAR 4				602528	99661	702189
9	Cost escalation in labour amount due to increase in wage rate @20%			120506		120506
10	Administrative charges 10%					70219
TOTAL						892913

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	1486	1486
2	Spot watering & application of insecticides in 800 plants. (2 times)	15072	8.32/plant	82595	42804	125399
3	Maintenance of engines	Lumsum			5000	5000
4	Purning and tending of 500 plants per ha.	9594	7.80/plant	74833		74833
5	Watch and ward for 12 months	Lumsum		161616		161616
6	Misc. and unforeseen expenses including running of vehicles	Lumsum		2823	1293	4117
TOTAL YEAR 5				321867	50584	372451
7	Cost escalation in labour amount due to increase in wage rate @25%			80467		80467
8	Administrative charges 10%					37245
TOTAL						490163

Subsequent Maintenance (Year 6 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	1486	1486
2	Purning and tending of 450 plants per ha.	9594	7.80/plant	74833		74833
3	Watch and ward for 12 months	Lumsum		161616		161616
4	Misc. and unforeseen expenses including running of vehicles	Lumsum		2823	1293	4117
TOTAL YEAR 6				239272	2780	242052
5	Cost escalation in labour amount due to increase in wage rate @30%			71782		71782
6	Administrative charges 10%					24205
TOTAL						338039

Year	Total
0 Year	2101797
1 Year	1834795
2 Year	1343412
3 Year	942495
4 Year	892913
5 Year	490163
6 Year	338039
7 Year	338039
8 Year	338039
9 Year	338039
10 Year	338039
11 Year	338039
12 Year	338039
Total	9971850

Range Forest Officer
Unit 7th (D RD GSB)
IGNP ST-II Jaisalmer

क्षेत्रीय वृक्ष अधिकारी
इकाई सप्तम
इ.मौ.न.म.-II
उपखण्ड समगढ

Deputy Conservator of Forest
IGNP st-II Jaisalmer

(पंकज कुमार गुप्ता)
उपवन संरक्षक
इ.गा न.प. स्टेज-11, 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 285/day
COST ESTIMATE: RS. 50217802

Project: Shahpur Pumped Storage Project (1800 MW)
Proposal No.: FP/RJ/HYD/121439/2021
Diversion Area : 407.8227 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.		1437.75/ Ha.	187543	15195	202739
2	Survey of area. Lay out of contour trenches, burrow pits and making of segments / plots		845.92/Ha.	107707	11577	119284
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	553/rmt.	0	3635422	3635422
8	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.C.Post and Four lines of wire and 1.2M broad welded wire mesh.	6036	179.64/rmt	542214	542033	1084247
5	Cost of raising 960 seedlings/Ha. in nursery.	135371	7.76	693100	357379	1050479
6	Purchase of 8HP Engine	1	75000	0	300000	300000
7	Purchase of 7.5HP Solar Pump and fixing.	1		300000	0	300000
8	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			345000	345000
9	Purchase of tools and plants	Lumsum			55000	55000
10	Purchase of Fertilisers and insecticides	Lumsum			99554	99554
11	Purchase of Plantation Board including painting and fixing.			18551	39833	58384
12	Watch and ward for 4 months			97791		97791
13	Labour amenities			60870	28517	89387
14	Misc. and unforeseen expenses including running of vehicles	Lumsum		21776	22934	44710
	TOTAL YEAR 0			2161093	6570024	8731057
15	Administrative charges 10%					873106
	TOTAL					9604162

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	10923	10923
2	Maintenance of 960 Plants/Ha. seeding in nursery	135371	2.74/Plant	295109	75808	370917
3	Raising of 160 seedlings in nursery for casualty replacement in year-2 (20% of 800)	22562	7.76/Plant	115517	59564	175081
4	Transportation of 880plants/Ha. from nursery to planting site	124090	4.01/plant	464097	33504	497601
5	Planting of 800 seedings/Ha. In command area including digging of pits, local transportation, treatment of pit with pesticides and fertilisers, making of thanwala and initial watering.	112809	17.17/Plant	1781254	155676	1936931
6	Spot watering & application of Insecticides in 800 plants. (6th times)	112809	24.95/plant	1855708	958877	2814585
7	Weeding and hoeing of 800 plants/Ha. (2 times)	112809	10.12/plant	2283254	0	2283254
8	hoeing of 800 plants/Ha. (2 times)	112809	6.23/plant	1405600	0	1405600
9	Application of Urea and Fertiliser.	112809	0.65/Plant	46252	27074	73326

क्षेत्रीय वन अधिकारी
इ.मा.न.प. सप्तम
प.प.-II
राजसमेत सामग्री

(पंकज कुमार गुप्ता)
उपवन संरक्षक
इ.मा.न.प. स्टेशन-1, जैसलमेर

10	Purchase of PVC Pipes.	Lumsum			205000	205000	
11	Maintenance of engines	Lumsum			80000	80000	
12	Watch and ward for 12 months	Lumsum		293373		293373	
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	Misc. and unforeseen expenses including running of vehicles	Lumsum		22634	16597	39231	
TOTAL YEAR 1					8716953	1805857	10522810
17	Cost escalation in labour amount due to increase in wage rate @5%			435848		435848	
18	Administrative charges 10%					1052281	
TOTAL							12010938

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	10923	10923	
2	Maintenance of 160 seedling/ha. in nursery for casualty replacement in 2nd year	22562	2.74/Plant	49185	12635	61820	
3	Casualty replacement 160 plants including redigging of pits, transportation planting with treatment of pesticides and fertiliser, watering	22562	12.18/Plant	249761	25044	274805	
4	Spot watering & application of insecticides in 800 plants. (6th times)	112809	24.95/plant	1855708	958877	2814585	
5	Application of Urea and Fertiliser. (2 times)	112809	0.65/Plant	92503	54148	146652	
6	Weeding and hoeing of 800 plants/Ha. (2 times)	112809	10.12/plant	2283254	0	2283254	
7	hoeing of 800 plants/Ha. (2 times)	112809	6.23/plant	1405600	0	1405600	
8	Repair and maintenance of vehicle	Lumsum			40000	40000	
9	Maintenance of engines	Lumsum			54000	54000	
10	Watch and ward for 12 months	Lumsum		293373		293373	
11	Misc. and unforeseen expenses including running of vehicles	Lumsum		20747	9506	30252	
TOTAL YEAR 2					6250133	1165132	7415264
12	Cost escalation in labour amount due to increase in wage rate @10%			625013		625013	
13	Administrative charges 10%					741526	
TOTAL							8781804

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	10923	10923	
2	Spot watering & application of insecticides in 800 plants. (5 times)	112809	20.80/plant	1546611	799816	2346427	
3	Application of Urea and Fertiliser.	112809	0.65/Plant	46252	54148	100400	
4	hoeing of 800 plants/Ha.	112809	6.23/plant	702800	0	702800	
5	Repair and maintenance of vehicle	Lumsum			35000	35000	
6	Purchase of PVC Pipes.	Lumsum			160000	160000	
7	Maintenance of engines	Lumsum			60000	60000	
8	Purning and tending of 800 plants per ha.	112809	2.55/plant	261717		261717	
9	Watch and ward for 12 months	Lumsum		293373		293373	
10	Misc. and unforeseen expenses including running of vehicles	Lumsum		20747	9506	30252	
TOTAL YEAR 3					2871500	1129392	4000893
11	Cost escalation in labour amount due to increase in wage rate @15%			430725		430725	
12	Administrative charges 10%					400089	
TOTAL							4831707

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	10923	10923
2	Spot watering & application of insecticides in 800 plants. (4 times)	112809	16.63/plant	1237515	638499	1876014
3	hoeing of 800 plants/Ha.	112809	6.23/plant	702800	0	702800


 क्षेत्रीय वन अधिकारी
 इकाई सप्तम
 इ.ग.न.प.-II
 सयलमड रामगढ


 (पकड़ कुमार गुप्ता)
 उपवन संरक्षक
 इ.ग.न.प. स्टेज-11, जौसलमेर

4	Repair and maintenance of vehicle	Lumsum			25000	25000
5	Maintenance of engines	Lumsum			50000	50000
6	Purning and tending of 800 plants per ha. (2 times)	112809	5.11/plant	576454		576454
7	Watch and ward for 12 months	Lumsum		293373		293373
8	Misc. and unforeseen expenses including running of vehicles	Lumsum		20747	9506	30252
TOTAL YEAR 4					2830889	733927
9	Cost escalation in labour amount due to increase in wage rate @20%			566178		566178
10	Administrative charges 10%					356482
TOTAL						4487476

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	10923	10923
2	Spot watering & application of insecticides in 800 plants. (2 times)	112809	8.32/plant	618193	320378	938571
3	Maintenance of engines	Lumsum			36000	36000
4	Purning and tending of 500 plants per ha.	70506	7.80/plant	549947		549947
5	Watch and ward for 12 months	Lumsum		293373		293373
6	Misc. and unforeseen expenses including running of vehicles	Lumsum		20747	9506	30252
TOTAL YEAR 5				1482260	376806	1859066
7	Cost escalation in labour amount due to increase in wage rate @25%			370565		370565
8	Administrative charges 10%					185907
TOTAL						2415538

Subsequent Maintenance (Year 6 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	10923	10923
2	Purning and tending of 450 plants per ha.	63455	7.80/plant	494949		494949
3	Watch and ward for 12 months	Lumsum		293373		293373
4	Misc. and unforeseen expenses including running of vehicles	Lumsum		20747	9506	30252
TOTAL YEAR 6				809069	20428	829498
5	Cost escalation in labour amount due to increase in wage rate @30%			242721		242721
6	Administrative charges 10%					82950
TOTAL						1155168

Year	Total
0 Year	9604162
1 Year	12010938
2 Year	8781804
3 Year	4831707
4 Year	4487476
5 Year	2415538
6 Year	1155168
7 Year	1155168
8 Year	1155168
9 Year	1155168
10 Year	1155168
11 Year	1155168
12 Year	1155168
Total	50217802

Range Forest Officer
Unit 7th (O RD GSB)
IGNP ST-II Jaisalmer

श्रीय वन अधिकारी
इकाई सप्तम
इ.गॉ.न.प.-II
सपखण्ड राजागड

Deputy Conservator of Forest
IGNP st-II Jaisalmer

(पंकज कुमार गुप्ता)

उपवन संरक्षक

इ.गॉ.न.प. स्टेशन-11, 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 285/day
COST ESTIMATE: RS.27588409

Project: Shahpur Pumped Storage Project (1800 MW)
Proposal No.: FP/RJ/HYD/L21439/2021
Diversion Area : 407.8227 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.		1437.75/ Ha.	79428	6436	85864
2	Survey of area. Lay out of contour trenches, burrow pits and making of segments / plots		845.92/Ha.	45616	4903	50519
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	553/rmt.	0	3685745	3685745
8	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.C. Post and Four lines of wire and 1.2M broad welded wire mesh.	504	179.64/rmt	45274	45259	90534
5	Cost of raising 960 seedlings/Ha. in nursery.	57332	7.76	293540	151356	444896
6	Purchase of 8HP Engine	2	75000	0	150000	150000
7	Purchase of 7.5HP Solar Pump and fixing.	1	300000		300000	300000
8	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			145000	145000
9	Purchase of tools and plants	Lumsum			23000	23000
10	Purchase of Fertilisers and insecticides	Lumsum			45000	45000
11	Purchase of Plantation Board including painting and fixing.			7857	16870	24727
12	Watch and ward for 4 months.			82831		82831
13	Labour amenities			25780	12077	37857
14	Misc. and unforeseen expenses including running of vehicles	Lumsum		9223	9713	18936
	TOTAL YEAR 0			722849	5728410	6451258
15	Administrative charges 10%					645126
	TOTAL					7096384

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	4626	4626
2	Maintenance of 960 Plants/Ha. seeding in nursery	57332	2.74/Plant	124984	32106	157090
3	Raising of 160 seedlings in nursery for casualty replacement in year-2 (20% of 800)	9555	7.76/Plant	48922	25225	74147
4	Transportation of 880plants/Ha. from nursery to planting site	52555	4.01/plant	196556	14190	210746
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	17.17/Plant	754399	65932	820331
6	Spot watering & application of insecticides in 800 plants. (6th times)	47777	24.95/plant	785932	406105	1192036
7	Weeding and hoeing of 800 plants/Ha. (2 times)	47777	10.12/plant	967006	0	967006
8	hoeing of 800 plants/Ha. (2 times)	47777	6.23/plant	595301	0	595301
9	Application of Urea and Fertiliser.	47777	0.65/Plant	19589	11466	31055

श्री श्री वन अधिकारी
इकाई सप्तम
इ.ग.न.प. - II
उदयपुर जिला

(पंकज कुमार गुप्ता)
उपवन संरक्षक
इ.ग.न.प. स्टेशन-1, जैसलमेर

10	Purchase of PVC Pipes.	Lumsum			205000	205000	
11	Maintenance of engines	Lumsum			35000	35000	
12	Watch and ward for 12 months	Lumsum		248499		248499	
13	Construction of cattle guard hut.	Lumsum		20000	60000	80000	
14	Labour amenities.	Lumsum		44112	2173	46284	
15	Repairs and maintenance of vehicles.	Lumsum			22765	22765	
16	Misc. and unforeseen expenses including running of vehicles	Lumsum		9586	7029	16615	
TOTAL YEAR 1					3814885	891617	4706502
17	Cost escalation in labour amount due to increase in wage rate @5%			190744		190744	
18	Administrative charges 10%					470650	
TOTAL						5367896	

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	4626	4626
2	Maintenance of 160 seedling/ha. in nursery for casualty replacement in 2nd year	9555	2.74/Plant	20830	5351	26181
3	Casualty replacement 160 plants including redigging of pits, transportation planting with treatment of pesticides and fertiliser, watering	9555	12.18/Plant	105774	10606	116380
4	Spot watering & application of insecticides in 800 plants. (6th times)	47777	24.95/plant	785932	406105	1192036
5	Application of Urea and Fertiliser. (2 times)	47777	0.65/Plant	39177	22933	62110
6	Weeding and hoeing of 800 plants/Ha. (2 times)	47777	10.12/plant	967006	0	967006
7	hoeing of 800 plants/Ha. (2 times)	47777	6.23/plant	881963	0	881963
8	Repair and maintenance of vehicle	Lumsum			15000	15000
9	Maintenance of engines	Lumsum			25000	25000
10	Watch and ward for 12 months	Lumsum		248499		248499
11	Misc. and unforeseen expenses including running of vehicles	Lumsum		8787	4026	12813
TOTAL YEAR 2				3057968	493646	3551614
12	Cost escalation in labour amount due to increase in wage rate @10%			305797		305797
12	Administrative charges 10%					355161
TOTAL						4212573

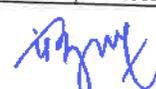
Second Year Maintenance (Year 3)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of datas regarding impact assesment and strengtheing Joint Forest Management.			0	4626	4626
2	Spot watering & application of insecticides in 800 plants. (5 times)	47777	20.80/plant	655023	338739	993762
3	Application of Urea and Fertiliser. (2 times)	47777	0.65/Plant	39177	22933	62110
4	hoeing of 800 plants/Ha. (2 times)	47777	6.23/plant	595301	0	595301
5	Repair and maintenance of vehicle	Lumsum			15000	15000
6	Purchase of PVC Pipes.	Lumsum			75000	75000
7	Maintenance of engines	Lumsum			26000	26000
8	Purning and tending of 800 plants per ha.	47777	2.55/plant	121831		121831
9	Watch and ward for 12 months	Lumsum		248499		248499
10	Misc. and unforeseen expenses including running of vehicles	Lumsum		8787	4026	12813
TOTAL YEAR 3				1668618	486324	2154942
11	Cost escalation in labour amount due to increase in wage rate @15%			250293		250293
12	Administrative charges 10%					215494
TOTAL						2620729

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	4626	4626
2	Spot watering & application of insecticides in 800 plants. (4 times)	47777	16.63/plant	524114	270418	794532
3	hoeing of 800 plants/Ha. (2 times)	47777	6.23/plant	595301	0	595301
4	Repair and maintenance of vehicle	Lumsum			10000	10000
5	Maintenance of engines	Lumsum			25000	25000


 क्षेत्रीय वन अधिकारी
 इकाई सप्तम
 इ.स.प. - II
 समवेत संरक्षक


 (पकज कुमार गुप्ता)
 समवेत संरक्षक
 इ.स.प. स्टेज-1, जैसलमेर

6	Purning and tending of 800 plants per ha.	47777	5.11/plant	244140		244140
7	Watch and ward for 12 months	Lumsum		248499		248499
8	Misc. and unforeseen expenses including running of vehicles	Lumsum		8787	4026	12813
TOTAL YEAR 4				1620841	314070	1934911
9	Cost escalation in labour amount due to increase in wage rate @20%			324168		324168
10	Administrative charges 10%					193491
TOTAL						2452570

Fourth Year Maintenance (Year 5)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assesment and strengtheing Joint Forest Management.			0	4626	4626
2	Spot watering & application of insecticides in 800 plants. (2 times)	47777	8.32/plant	261618	135687	397505
3	Maintenance of engines	Lumsum			20000	20000
4	Purning and tending of 500 plants per ha.	29860	7.80/plant	232908		232908
5	Watch and ward for 12 months	Lumsum		248499		248499
6	Misc. and unforeseen expenses including running of vehicles	Lumsum		8787	4026	12813
TOTAL YEAR 5				752012	164338	916350
7	Cost escalation in labour amount due to increase in wage rate @25%			188003		188003
8	Administrative charges 10%					91635
TOTAL						1195988

Subsequent Maintenance (Year 6 to 12)

S.No.	ITEMS	Quantity	RATE (Rs.)	LABOUR COMPONENT	MATERIAL COMPONENT	TOTAL
1	Collection of data regarding impact assesment and strengtheing Joint Forest Management.			0	4626	4626
3	Purning and tending of 450 plants per ha.	26874	7.80/plant	209617		209617
4	Watch and ward for 12 months	Lumsum		248499		248499
5	Misc. and unforeseen expenses including running of vehicles	Lumsum		8787	4026	12813
TOTAL YEAR 6				466903	8652	475555
6	Cost escalation in labour amount due to increase in wage rate @30%			140071		140071
7	Administrative charges 10%					47555
TOTAL						663181

Year	Total
0 Year	7096384
1 Year	5367896
2 Year	4212573
3 Year	2620729
4 Year	2452570
5 Year	1195988
6 Year	663181
7 Year	663181
8 Year	663181
9 Year	663181
10 Year	663181
11 Year	663181
12 Year	663181
Total	27588409

Range Forest Officer
Unit 7th (D RD GSB) 7
IGNP ST-II Jaisalmer

गैत्रीचन्दन अधिकारी
इकाई सप्तम
इ.ग.न.प.-II
उपखण्ड समग्र

Deputy Conservator of Forest
IGNP st-II Jaisalmer

(पंकज कुमार गुप्ता)
उपवन संरक्षक
इ.ग.न.प. स्टेशन-1, जैसलमेर

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 285/day

COST ESTIMATE: RS. 74418985

Project: Shahpur Pumped Storage Project (1800 MW)

Proposal No.: FP/RJ/HYD/121439/2021

Diversion Area : 407.8227 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.		1437.75/ Ha.	281233	22786	304019
2	Survey of area. Lay out of contour trenches, burrow pits and making of segments / plots		845.92/Ha.	161514	17360	178874
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	553/rmt.	0	8391775	8391775
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.C. Post and four lines of wire and 1.2M broad welded wire mesh.	6380	179.64/rmt	573115	572924	1146039
5	Cost of raising 960 seedlings/Ha. in nursery.	202996	7.76	1039340	535909	1575249
6	Purchase of 8HP Engine	6	75000	0	450000	450000
7	Purchase of 7.5HP Solar Pump and fixing.	2	300000	0	600000	600000
8	Purchase of PVC/HDPE Pipes of 3 inch dia and 1 inch dia	Lumsum			509395	509395
9	Purchase of tools and plants	Lumsum			81410	81410
10	Purchase of Fertilisers and insecticides	Lumsum			149287	149287
11	Purchase of Plantation Board including painting and fixing.			27819	59732	87551
12	Watch and ward for 4 months			146644		146644
13	Labour amenities			41339	42763	84102
14	Misc. and unforeseen expenses including running of vehicles	Lumsum		35933	36613	72546
	TOTAL YEAR 0			2610437	14049706	16660142
15	Administrative charges 10%					1666014
	TOTAL					18326156

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	16379	16379
2	Maintenance of 960 Plants/Ha. seeding in nursery	202996	2.74/Plant	442531	113678	556209
3	Raising of 160 seedlings in nursery for casualty replacement in year-2 (20% of 800)	33833	7.76/Plant	173225	89319	262544
4	Transportation of 880 plants/Ha. from nursery to planting site	186080	4.01/plant	695939	50242	746181
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	17.17/Plant	2671100	233446	2904546


 क्षेत्रीय वन अधिकारी
 इकाई राप्तस
 इ.ग.न.प.-II
 उपखण्ड रामगढ़


 (पंकज कुमार गुप्ता)
 उपवन संचालक
 इ.ग.न.प. स्टेशन-11, जैसलमेर

6	Spot watering & application of insecticides in 800 plants. (6th times)	169164	24.95/plant	2782748	1437894	4220642
7	Weeding and hoeing of 800 plants/Ha. (2 times)	169164	10.12/plant	3423879	0	3423879
8	hoeing of 800 plants/Ha. (2 times)	169164	6.23/plant	2107783	0	2107783
9	Application of Urea and Fertiliser.	169164	0.65/Plant	69357	40599	109957
10	Purchase of PVC Pipes.	Lumsum			210000	210000
11	Maintenance of engines	Lumsum			120000	120000
12	Watch and ward for 12 months	Lumsum		439932		439932
13	Construction of cattle guard hut.	Lumsum		60000	190000	250000
14	Labour amenities.			156187	7693	163880
15	Repairs and maintenance of vehicles.	Lumsum			80604	80604
16	Misc. and unforeseen expenses including running of vehicles			33941	24888	58829
	TOTAL YEAR 1			13056623	2614742	15671365
17	Cost escalation in labour amount due to increase in wage rate @5%			652831		652831
18	Administrative charges 10%					1567137
	TOTAL					17891333

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	16379	16379
2	Maintenance of 160 seedling/ha. in nursery for casualty replacement in 2nd year	33833	2.74/Plant	73756	18946	92702
3	Casualty replacement 160 plants including redigging of pits, transportation planting with treatment of pesticides and fertiliser, watering	33833	12.18/Plant	374531	37555	412086
4	Spot watering & application of insecticides in 800 plants. (6th times)	169164	24.95/plant	2782748	1437894	4220642
5	Application of Urea and Fertiliser. (2 times)	169164	0.65/Plant	138714	81199	219913
6	Weeding and hoeing of 800 plants/Ha. (2 times)	169164	10.12/plant	1711940	0	1711940
7	hoeing of 800 plants/Ha. (2 times)	169164	6.23/plant	1053892	0	1053892
8	Repair and maintenance of vehicle				42000	42000
9	Maintenance of engines	Lumsum			80000	80000
10	Watch and ward for 12 months	Lumsum		439932		439932
11	Misc. and unforeseen expenses including running of vehicles	Lumsum		31111	14254	45366
	TOTAL YEAR 2			6606624	1728227	8334852
12	Cost escalation in labour amount due to increase in wage rate @10%			660662		660662
13	Administrative charges 10%					833485
	TOTAL					9828999

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	16379	16379
2	Spot watering & application of insecticides in 800 plants. (5 times)	169164	20.80/plant	2319238	1199373	3518611
3	Application of Urea and Fertiliser.	169164	0.65/Plant	69357	71049	140406
4	hoeing of 800 plants/Ha.	169164	6.23/plant	1053892	0	1053892
5	Repair and maintenance of vehicle				50000	50000
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	2.55/plant	431368		431368
9	Watch and ward for 12 months	Lumsum		439932		439932
10	Misc. and unforeseen expenses including running of vehicles	Lumsum		31111	14254	45366
	TOTAL YEAR 3			4344899	1679580	6024479
11	Cost escalation in labour amount due to increase in wage rate @15%			651735		651735
12	Administrative charges 10%					602448
	TOTAL					7278662


 क्षेत्रीय वन अधिकारी
 इकाई सप्तम
 इ.न.प.-II
 उमरगढ़ समग्र


 (पंकज कुमार गुप्ता)
 उपवन संरक्षक
 इ.न.प. स्टेशन-11, जैसलमेर

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	16379	16379
2	Spot watering & application of insecticides in 800 plants. (4 times)	169164	16.63/plant	1855729	957468	2813197
3	Repair and maintenance of vehicle				25809	25809
4	Maintenance of engines	Lumsum			74665	74665
5	Purning and tending of 800 plants per ha.	169164	5.11/plant	864428		864428
6	Watch and ward for 12 months	Lumsum		439932		439932
7	Misc. and unforeseen expenses including running of vehicles	Lumsum		31111	14254	45366
	TOTAL YEAR 4			3191201	1088575	4279776
	Cost escalation in labour amount due to increase in wage rate @20%			638240		638240
8	Administrative charges 10%					427978
	TOTAL					5345994

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	16379	16379
2	Spot watering & application of insecticides in 800 plants. (2 times)	169164	8.32/plant	927019	480426	1407444
3	Maintenance of engines	Lumsum			53849	53849
4	Purning and tending of 500 plants per ha.	105727	7.80/plant	824671		824671
5	Watch and ward for 12 months	Lumsum		439932		439932
6	Misc. and unforeseen expenses including running of vehicles	Lumsum		31111	14254	45366
	TOTAL YEAR 5			2222733	564908	2787641
	Cost escalation in labour amount due to increase in wage rate @25%			555683		555683
7	Administrative charges 10%					278764
	TOTAL					3622089

Subsequent Maintenance (Year 6 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	16379	16379
3	Purning and tending of 450 plants per ha.	95155	7.80/plant	742209		742209
4	Watch and ward for 12 months	Lumsum		439932		439932
5	Misc. and unforeseen expenses including running of vehicles	Lumsum		31111	14254	45366
	TOTAL YEAR 6			1213253	30633	1243886
	Cost escalation in labour amount due to increase in wage rate @30%			363976		363976
6	Administrative charges 10%					124389
	TOTAL					1732250

Grand Total			
0 Year			18326156
1 Year			17891333
2 Year			9828999
3 Year			7278662
4 Year			5345994
5 Year			3622089
6 Year			1732250
7 Year			1732250
8 Year			1732250
9 Year			1732250
10 Year			1732250
11 Year			1732250
12 Year			1732250
Total			74418985

Range Forest Officer
Unit 7th (B RD GSB)
IGNP St-II Jaisalmer

श्रीय वन अधिकारी
इकाई सप्तम
इ.गो.न.प.-II
उपखण्ड रामगढ़

Deputy Conservator of Forest
IGNP St-II Jaisalmer

(चक्रवर्तु कुमार गुप्ता)

उपवन संरक्षक

इ.गो.न.प. स्टेशन-1, जैसलमेर

OFFICE OF THE DEPUTY CONSERVATOR OF FOREST, BARAN
Technical Estimate Afforestation Advance Work 2025-26

1) Scheme - Campa (Division of 407.8227 ha. Construction of Shahpur (1800MW) Pumped storage project by M/s Greenko Energies Private Limited)

Forest Block **Bichi**

(2) Name of Project - Plantation Bichi

VFPMC **Bichi**

(3) Estimated cost - Rs. 5,72,32,666/-

Model **Mixed Plantation Scheme**

(4) Name of Site :- Bichi Village :- Bichi

Naka **Bichi**

(5) GPS Coordinate :- N 25.1312725 E 77.1446303

AREA **290 Ha** Labour Rate **Rs. 285/-**

S.No	BSR Page/item	Detail of Activities	Qty	Unit	Rate in Rs/Unit			Amount in Rs		
					Labour (vifune)	Material (Departmental)	Total	Labour	Material	Total
Advance Work 2025-26										
1	Model cost	Collection of data for microplanning, Preparation of microplan and management plan	290	ha	1329.99	107.76	1437.75	385697.1	51250.4	416947.50
2	Model cost	Survey of the area, layout of contour trenches/Furrows, pits and marking of segments/plots	290	ha	763.82	82.1	845.92	221507.8	23809	245316.80
3	Fencing									
A	Model cost	Stone wall fencing : Random rubble loose stone fencing 1.2 m high 0.8 m at base & 0.60 m at top	10266.00	Rmt	409.29	0	409.29	4201771.14	0	4201771.14
B	pwd raj 3.7.1	Providing and laying damp-proof course with cement concrete grade M-150 (1:2:4) mortar prepared with 1% solution of water proof compound including two coats of hot blown bitument (2Kg per sqm) complete as per specification with glass strip 3 mm thick at a distance of 1 mt interval 50mm thick (5082 m length & 0.60 wide)	6159.600	Sqm	391.00	0.00	391.00	2408403.60	0.00	2408403.60
C	Model cost	Construction of boundary wall L. 1000 mtr. And H. 1.20 mtr	2500.00	Rmt	3050	0.00	3050.00	7625000.00	0.00	7625000.00
Cost of Raising of plants										

(Signature)
क्षेत्रीय वन अधिकारी
कल्याण (महाराष्ट्र)

4	Model cost	Raising of 165 plants /Ha in 12.5 cm x30 cm bags for planting	47850.00	plants	9.82	2.74	12.56	469887.00	131109.00	600996.00
		Raising of 240 plants in 10 cm x 15 cm bags for planting of mounds of trenches and V ditches	69600.00	plants	9.82	0.00	9.82	683472.00	0.00	683472.00
5	Model cost	Digging up trenches 116000 mtr staggered countour tranchued with cross section size 45X45 Sqmt in hard soil between 10 to 30% boulders	23490	RMT	91.68	0	91.68	2153563.20	0.00	2153563.20
6	Model cost	Digging of pits (size 0.45 m x0.45 mx0.45m or (0.50+0.40)/2X (0.50+0.40) /2x0.45 cubic meter) (58000 pits)	58000	Per pit	22.30	0	22.30	1293400.00	0.00	1293400.00
7	Model cost	Cost of colfection and purchases of grass and other seeds	290	ha	0	455.65	455.65	0.00	132138.50	132138.50
8	Model cost	Restoration of natural regeneration by cultural operations and making crescent shaped mounds on the lower side of seedlings	290	ha	1425.01	0	1425.01	413252.90	0.00	413252.90
9	Model cost	In situ soil & Moisture conservation measures like check dam,Nadis,Earthen Bunds etc.	290	ha	5463.6	0	5463.60	1584444.00	0.00	1584444.00
10	Model cost	Construction of thatched cattle guard hut 2 no.	290	Nos	429.15	223.57	652.72	124453.50	64835.30	189288.80
11	Model cost	Purchase or Construction of Water Storage Tank	290	ha	0	64.93	64.93	0.00	18829.70	18829.70
12	Model cost	Purchase of tools and plants.	290	ha	0	96.83	96.83	0.00	28080.70	28080.70
13	Model cost	Labour Amenities	290	ha	104.05	75.18	179.23	30174.50	21802.20	51976.70
14	Model cost	Watch and ward 4 Watch for 4 months	416	M days	285.00	0	285	118560.00	0	118560.00
15	Model cost	Misc. unforeseen expenses including running of vehicles.	290	per ha.	388.44	50.12	438.56	112647.60	14534.8	127182.40
16	As per market rates	Purchase of 7.5 HP Solar Pump including boring	2	No	600000.00	0.00	600000.00	1200000.00	0	1200000.00
		TOTAL YEAR 0								
17		Administrative charges 10%								23492623.94
										2349262.39


क्षेत्रीय वन अधिकारी
केरल राज्य

Say TOTAL		Year I (Planting year) 2026-27										25841886	
		15950	Per Plant	0	88	88	0	88	0	88	0	1403600	1403600.00
1	As per market rates	Purchase of 220 plants from departmental nursery or market (including transportation, loading & unloading)											
	As per Model	Maintenance of 165 plants /Ha in 12.5 cm x30 cm bags	47850	Per Plant	9.82	2.74	12.56	469887	131109	600996.00			
2	As per Model	Maintenance of 240 plants in 10 cm x 15 cm bags	69600	Per Plant	9.82	0.00	9.82	683472	0	683472.00			
3	As per Model	In situ soil & Moisture conservation measures like check dam, Nadis, Earthen Bunds etc.	290	ha	5463.6	0	5463.6	1584444	0	1584444.00			
4	As per Model	Digging of 30x30cm cross section trench along inner side of stone wall fencing and seed sowing	8700.00	Meter	22.30	0.00	22.30	194010.00	0.00	194010.00			
5	As per Model	Sowing/dibbling of seeds of grass, trees and shrubs including seeds of medicinal plants on the mound of trench/ditch fencing	232000	Meter	0.74	0.00	0.74	171629.57	0.00	171629.57			
6	As per Model	Sowing of grass seeds including raking in the interspace	290	ha	645.00	0.00	645.00	187050.00	0.00	187050.00			
7	As per Model	Transportation 220 plants purchase from nursery to site including loading and unloading (upto 15 km)	63800	plants	3.74	0.27	4.01	238562.29	17109.17	255671.46			
8	As per Model	Planting of seeding including Refilling of pits.	58000	plants	5.01	0.12	5.13	290806.20	6936.80	297743.00			

B. S. K. A.

कृषि वन अधिकारी
कल्याण जिल्हा

9	As per Model	Transportation 240 plants raised in 10 cm X 15 cm bags upto site including loading and unloading (upto 5 km)	69600	plants	1.37	0.25	1.62	95508.60	17441.76	112950.36
10	As per Model	Planting of pre germinated plants, including local transport and watering	58000	plants	8.53	0.00	8.53	494623.17	0.00	494623.17
11	As per Model	Purchase and application of insecticide and fertilizer in plants	58000	plants	4.37	1.00	5.37	253636.90	57811.50	311448.40
12	As per Model	Making of crescent shaped mounds below planted sapling after planting and dibbling of 3 seeds of thorny tree species	58000	plants	4.52	0.00	4.52	262383.30	0.00	262383.30
13	As per Model	Watering of plants by camel cart/tractor tanker (minimum 15 liter of water and including cost of transportation up to 7 KM average lead.4 times X 58000*4=232000	232000	plants	8.80	0.00	8.80	2041600.00	0.00	2041600.00
14	As per Model	Weeding and hoeing of plants 3time repairing plants mound	174000	plants	5.12	0.00	5.12	1781760.00	0.00	1781760.00
15	As per Model	Hoeing of plants after each watering	232000	Nos	2.55	0.00	2.55	1183200.00	0.00	1183200.00
16	As per Model	Weeding on contour trench/ V-ditches and escapement /singling	232000	Nos	5.02	0.00	5.02	1164640.00	0.00	1164640.00
17	As per Model	Restoration of natural regeneration by cultural operations and making crescent shaped mounds on the lower side of seedlings	290	ha.	1425.00	0.00	1425.00	413250.00	0.00	413250.00
18	As per Model	Labour hut etc	290	ha.	413.43	43.29	456.72	119894.70	12554.10	132448.80


 क्षेत्रीय वन अधिकारी
 कलवाड़ा (राज.)

19	As per Model	Construction of approach road/inspection path	290	ha.	484.17		484.17	140409.30	0.00	140409.30	140409.30
20	As per Model	Watch and ward charges for 4 watcher for 12 months	1248	Mdays	285.00	0.00	285.00	355680.00	0.00	355680.00	355680.00
21	As per Model	Construction of gate and fixing of sign boards	290	ha.	585.41	74.04	659.45	169768.90	21471.60	191240.50	191240.50
21	As per Model	Misc. and unforeseen expenses including (additional watering, fencing and frost protection measures and running of vehicles etc.)	290	ha.	247.30	131.00	378.30	71717.00	37990.00	109707.00	109707.00
		TOTAL YEAR I						12367933	1706024	14873956.85	14873956.85
22		Cost escalation in labour amount due to increase in wage rate @5%						618396.65		618396.65	618396.65
23		Administrative charges 10%								1407395.69	1407395.69
		G. Total								16099749	16099749

Year II (Maintenance year) 2027-28

1	As per market rates	Purchase of Plants for casualty replacement in year-2 (20 %)	11600	Per Plant	0	88	88	0	1020800	1020800.00
---	---------------------	--	-------	-----------	---	----	----	---	---------	------------


मंत्री वन अधिकारी
कलकत्ता (पाठ)

2	As per Model	Repair of stone wall fencing	2053.20	Rent	285.00	0.00	285.00	585162.00	0.00	585162.00	
3	As per Model	Casualty replacement of (20%) including retagging of pits, transportation planting, watering and application of insecticide	11600	per plant	14.25	0.51	14.76	165300.00	5945.00	171245.00	
4	3.5.1	Watering of plants by camel cart/tractor tanker (minimum 15 litter of water and including cost of transportation up to 7 KM average lead.(06 times X. 58000*4=174000	174000	per plant	8.80	0.00	8.80	1531200.00	0.00	1531200.00	
	As per BSR	Weeding and hoeing in plants 3 time and repairing of plants mound	174000	per plant	5.12	0.00	5.12	1781760.00	0.00	1781760.00	
	As per BSR	Hoeing of plants after each watering	174000	per plant	2.55	0.00	2.55	887400.00	0.00	887400.00	
5	As per Model	Watch and ward charges for 4 watcher for 12 months	1248	Mdays	285.00	0.00	285.00	355680.00	0.00	355680.00	
6	As per Model	Misc. and unforeseen expenses including (Repair of structures, subsidiary silvicultural operations and frost protection etc.)	290	ha.	520.24	131.00	651.24	150869.60	37990.00	188859.60	
		TOTAL YEAR 2						5457372	1064735	6522106.60	
7		Cost escalation in labour amount due to increase in wage rate @10%						545737.16		545737.16	
8		Administrative charges 10%								652210.66	
		G. Total								7720054	
Year III (Maintenance year) 2028-29											
1	As per market rates	Purchase of Plants for casualty replacement in year-2 (10 %)	5800	Per Plant	0	88	88	0	510400	510400.00	
2	As per Model	Casualty replacement of (10%) including retagging of pits, transportation planting, watering and application of insecticide	5800	per plant	14.25	0.51	14.76	82650.60	2972.50	85622.50	


 क्षेत्रीय वन अधिकारी
 कल्याण जिल्हा

3	As per Model	Weeding and hoeing in plants 2 time and repairing of plants mound	11600	per plant	4.52	0.00	4.52	52432.00	0.00	52432.00
4	As per Model	Watch and ward charges for 4 watcher for 12 months	1248	Mdays	285.00	0.00	285.00	355680.00	0.00	355680.00
5	As per Model	Expenditure on Maintenance including Repair of fencing/structure, subsidiary silvicultural operations and frost protection etc.)	290	ha.	520.24	136.69	656.93	150869.60	39640.10	190509.70
TOTAL YEAR 3								641632	553013	1194644.20
6		Cost escalation in labour amount due to increase in wage rate @15%						96244.74		96244.74
7		Administrative charges 10%								119464.42
G. Total										1410353
Year IV (Maintenance year) 2029-30										
1	As per market rates	Purchase of Plants for casualty replacement in year-2 (10 %)	5800	Per Plant	0	88	88	0	510400	510400.00
2	As per Model	Casualty replacement of (10%) including retagging of pits, transportation planting, watering and application of insecticide	5800	per plant	14.25	0.51	14.76	82650.00	2972.50	85622.50
3	As per Model	Weeding and hoeing in plants 2 time and repairing of plants mound	11600	per plant	4.52	0.00	4.52	52432.00	0.00	52432.00
4	As per Model	Watch and ward charges for 4 watcher for 12 months	1248	Mdays	285.00	0.00	285.00	355680.00	0.00	355680.00
5	As per Model	Expenditure on Maintenance including Repair of fencing/structure, subsidiary silvicultural operations and frost protection etc.)	290	ha.	520.24	136.69	656.93	150869.60	39640.10	190509.70
TOTAL YEAR 4								641631.6	553012.6	1194644.2
6		Cost escalation in labour amount due to increase in wage rate @20%						128326.3		128326.3
7		Administrative charges 10%								119464.42


श्री वन अधिकारी
कल्याण जिल्हा

		Year V (Maintenance year) 2030-31										1442435	
G. Total													
		2900	Per Plant	0	88	88	0	255200	0	255200	255200.00		
1	As per market rates												
	Purchase of Plants for casualty replacement in year-2 (5 %)	2900	per plant	14.25	0.51	14.76	41325.00	1486.25	42811.25				
2	As per Model	2900	per plant	14.25	0.51	14.76	41325.00	1486.25	42811.25				
3	As per Model	5800	per plant	4.52	0.00	4.52	26216.00	0.00	26216.00				
4	As per Model	1248	Mdays	285.00	0.00	285.00	355680.00	0.00	355680.00				
5	As per Model	118	ha.	520.24	136.69	656.93	61388.32	16129.42	77517.74				
	TOTAL YEAR 5						484609	272816	757424.99				
6	Cost escalation in labour amount due to increase in wage rate @25%						121152.33		121152.33				
7	Administrative charges 10%								75742.50				
	G. Total								954320				
		Year VI (Maintenance year) 2031-32											
		1248	Mdays <th>285.00</th> <th>0.00 <th>285.00</th> <th>355680.00</th> <th>0.00</th> <th>355680.00</th> <th> <td></td> <td></td> </th></th>	285.00	0.00 <th>285.00</th> <th>355680.00</th> <th>0.00</th> <th>355680.00</th> <th> <td></td> <td></td> </th>	285.00	355680.00	0.00	355680.00	<td></td> <td></td>			
1	As per Model	1248	Mdays	285.00	0.00	285.00	355680.00	0.00	355680.00				
2	As per Model	290	ha.	520.24	136.69	656.93	150869.60	39640.10	190509.70				
	TOTAL YEAR 6						506550	39640	546189.70				
3	Cost escalation in labour amount due to increase in wage rate @30%						151964.88		151964.88				
4	Administrative charges 10%								54618.97				
	G. Total								752774				
		Year VII (Maintenance year) 2032-33											
		1248	Mdays <th>285.00</th> <th>0.00 <th>285.00</th> <th>355680.00</th> <th>0.00</th> <th>355680.00</th> <th> <td></td> <td></td> </th></th>	285.00	0.00 <th>285.00</th> <th>355680.00</th> <th>0.00</th> <th>355680.00</th> <th> <td></td> <td></td> </th>	285.00	355680.00	0.00	355680.00	<td></td> <td></td>			
1	As per Model	1248	Mdays	285.00	0.00	285.00	355680.00	0.00	355680.00				


 क्षेत्रीय वन अधिकारी
 कलकत्ता (मि:२०)

2	As per Model	Expenditure on Maintenance including(Repair of fencing/structure, subsidiary silvicultural operations and frost protection etc.)	290	ha.	520.24	136.69	656.93	150869.60	39640.10	190509.70
		TOTAL YEAR 7						506550	39640	546189.70
3		Cost escalation in labour amount due to increase in wage rate @30%						151964.88		151964.88
4		Administrative charges 10%								54618.97
		G. Total								752774
Year VIII (Maintenance year) 2033-34										
1	As per Model	Watch and ward charges for 4 watcher for 12 months	1248	Mdays	285.00	0.00	285.00	355680.00	0.00	355680.00
2	As per Model	Expenditure on Maintenance including(Repair of fencing/structure, subsidiary silvicultural operations and frost protection etc.)	290	ha.	520.24	136.69	656.93	150869.60	39640.10	190509.70
		TOTAL YEAR 8						506550	39640	546189.70
3		Cost escalation in labour amount due to increase in wage rate @30%						151964.88		151964.88
4		Administrative charges 10%								54618.97
		G. Total								752774
Year IX (Maintenance year) 2034-35										
1	As per Model	Watch and ward charges for 4 watcher for 12 months	1248	Mdays	285.00	0.00	285.00	355680.00	0.00	355680.00
2	As per Model	Expenditure on Maintenance including(Repair of fencing/structure, subsidiary silvicultural operations and frost protection etc.)	290	ha.	520.24	136.69	656.93	150869.60	39640.10	190509.70
		TOTAL YEAR 9						506550	39640	546189.70
3		Cost escalation in labour amount due to increase in wage rate @30%						151964.88		151964.88
4		Administrative charges 10%								54618.97
		Say Total								752774
Year X (Maintenance year) 2035-36										
1	As per Model	Watch and ward charges for 4 watcher for 12 months	1248	Mdays	285.00	0.00	285.00	355680.00	0.00	355680.00
2	As per Model	Expenditure on Maintenance including(Repair of fencing/structure, subsidiary silvicultural operations and frost protection etc.)	290	ha.	520.24	136.69	656.93	150869.60	39640.10	190509.70
		TOTAL YEAR 9						506550	39640	546189.70
3		Cost escalation in labour amount due to increase in wage rate @30%						151964.88		151964.88
4		Administrative charges 10%								54618.97
		Say Total								752774
1	As per Model	Watch and ward charges for 4 watcher for 12 months	1248	Mdays	285.00	0.00	285.00	355680.00	0.00	355680.00
2	As per Model	Expenditure on Maintenance including(Repair of fencing/structure, subsidiary silvicultural operations and frost protection etc.)	290	ha.	520.24	136.69	656.93	150869.60	39640.10	190509.70


श्री वन अधिकारी
 वन विभाग

OFFICE OF THE DEPUTY CONSERVATOR OF FOREST, BARAN

Technical Estimate Afforestation Advance Work 2025-26

1) Scheme -Campa(Diversion of 407.8227 ha. Construction of Shahpur(1800MW)Pumpedstorage project by M/s Greenko Energies Private Limited

Forest Block **Bichi**

(2) Name of Project -Plantation Bichi

VFPMC **Bichi**

(3) Estimated cost - Rs. 2,65,00,166/-

Mixed Plantation Scheme **Bichi**

(4) Name of Site :- Bichi Village :- Bichi

Naka **Bichi**

(5) GPS Coordinate :- N 25.1312725 E 77.1446303

AREA **118 Ha** Labour Rat **Rs.285/-**

S.No	BSR Page/Item	Detail of Activities	Qty	Unit	Rate in Rs/Unit			Amount in Rs		
					Labour (vfpmc)	Material(Departmental)	Total	Labour	Material	Total
Advance Work 2025-26										
1	Model cost	Collection of data for microplanning, Preparation of microplan and management plan	118	ha	1329.99	107.76	1437.75	156938.82	12715.68	169654.50
2	Model cost	Survey of the area, layout of countour trenches/Furrows,pits and marking of segments/plots	118	ha	763.82	82.1	845.92	90130.76	9687.8	99818.56
3	Fencing									
A	Model cost	Stone wall fencing : Random rubble loose stone fencing 1.2 m high 0.8 m at base & 0.60 m at top	4582.00	RMT	409.29	0	409.29	1875366.78	0	1875366.78
B	Model cost	Providing and laying damp-proof course with cement concrete grade M-150(1:2:4)mortar prepared with 1% solution of water proof compound including two coats of hot blown bitument (2Kg per sqm)/complete as per specification with glass strip 3 mm thick at a distance of 1 mt interval 50mm thick(5082 m length&0.60 wide)	2749.200	Per Sqm	391.00	0	391	1074937.2	0	1074937.20
C	Model cost	Construction of boundary wall L. 1090 mt. And H.1.20 mt	1500.00	RMT	3050	0.00	3050.00	4575000.00	0.00	4575000.00
Cost of Raising of plants										
4		Raising of 165 plants /Ha in 12.5 cm x30 cm bags for planting	19470.00	Plants	9.82	2.74	12.56	191195.40	53347.80	244543.20


 क्षेत्रीय वन अधिकारी
 बरन

10	As per Model	Purchase and application of insecticide and fertilizer in plants	23600	Prorata	4.37	1.00	5.37	103203.98	23523.30	126727.28
11	As per Model	Making of crescent shaped mounds below planted sapling after planting and dibbling of 3 seeds of thorny tree species	23600	plants	4.52	0.00	4.52	106762.86	0.00	106762.86
12	As per Model	Watering of plants by camel cart/tractor tanker (minimum 15 liter of water and including cost of transportation up to 7 KM average lead.4 times X 23600*4=94400	94400	plants	8.80	0.00	8.80	830720.00	0.00	830720.00
13	As per Model	Weeding and hoeing of plants 3time repairing plants mound	70800	plants	5.12	0.00	5.12	724992.00	0.00	724992.00
14	As per Model	Hoeing of plants after each watering	94400	Nos	2.55	0.00	2.55	481440.00	0.00	481440.00
15	As per Model	Weeding on contour trench/ V-ditches and escapement /singling.	47200	Nos	5.02	0.00	5.02	236944.00	0.00	236944.00
16	As per Model	Restoration of natural regeneration by cultural operations and making crescent shaped mounds on the lower side of seedlings	118	ha.	1425.00	0.00	1425.00	168150.00	0.00	168150.00
17	As per Model	Watch and ward charges for 12 months	624	Mdays	413.43	43.29	456.72	257980.32	27012.96	284993.28
18	As per Model	Labour hut etc	118	Prorata	484.17		484.17	57132.06	0.00	57132.06
19	As per Model	Construction of approach road/inspection path	118	Prorata	285.00	0.00	285.00	33630.00	0.00	33630.00
20	As per Model	Construction of gate and fixing of sign boards	118	Prorata	585.41	74.04	659.45	69078.38	8736.72	77815.10
21	As per Model	Misc. and unforeseen expenses including (additional watering, fencing and frost protection measures and running of vehicles etc.)	118	Prorata	275.95	230.10	506.05	32562.10	27151.80	59713.90
TOTAL YEAR I								4964130	727774	5691903.37
22		Cost escalation in labour amount due to increase in wage rate @5%						248206.48		248206.48
23		Administrative charges 10%								569190.34
G. Total										6509300

Year II (Maintenance year) 2027-28



1	As per market rates	Purchase of Plants for casualty replacement in year-2 (20%)	4720	Per Plant	0	88	88	0	415360	415360.00
2	As per Model	Repair of stone wall fencing	916.40	Rmt	285.00	0.00	285.00	261174.00	0.00	261174.00
3	As per Model	Casualty replacement of (20%) including retagging of pits, transportation planting, watering and application of insecticide	4720	per plant	14.25	0.51	14.76	67260.00	2419.00	69679.00
4	As per Model	Watering of plants by camel cart/tractor tanker (minimum 15 liter of water and including cost of transportation up to 7 KM average lead.(03 times X 23200*3=70800	70800	per plant	8.80	0.00	8.80	623040.00	0.00	623040.00
	As per Model	Weeding and hoeing in plants 3 time and repairing of plants mound	70800	per plant	5.12	0.00	5.12	724992.00	0.00	724992.00
	As per Model	Hoeing of plants after each watering	70800	per plant	2.55	0.00	2.55	361080.00	0.00	361080.00
5	As per Model	Watch and ward charges for 2 watcher for 12 months	624	Mdays	285.00	0.00	285.00	177840.00	0.00	177840.00
6	As per Model	Misc. and unforeseen expenses including (Repair of structures, subsidiary silvicultural operations and frost protection etc.)	118	ha.	520.24	131.00	651.24	61388.32	15458.00	76846.32
		TOTAL YEAR 2						2276774	433237	2710011.32
7		Cost escalation in labour amount due to increase in wage rate @10%						227677.43		227677.43
8		Administrative charges 10%								271001.13
		G. Total								3208690
Year III (Maintenance year) 2028-29										
1	As per market rates	Purchase of Plants for casualty replacement in year-2 (10%)	2360	Per Plant	0	88	88	0	207680	207680.00
2	As per Model	Casualty replacement of (10%) including retagging of pits, transportation planting, watering and application of insecticide	2360	per plant	14.25	0.51	14.76	33630.00	1209.50	34839.50
3	As per Model	Weeding and hoeing in plants 2 time and repairing of plants mound	4720	per plant	4.52	0.00	4.52	21334.40	0.00	21334.40


 क्षेत्रीय वन अधिकारी
 कलकत्ता-700009

4	As per Model	Watch and ward charges for 2 watcher for 12 months	624	Mdays	285.00	0.00	285.00	177840.00	0.00	177840.00
5	As per Model	Expenditure on Maintenance including(Repair of fencing/structure, subsidiary silvicultural operations and frost protection etc.)	118	ha.	520.24	136.69	656.93	61388.32	16129.42	77517.74
TOTAL YEAR 3										
6		Cost escalation in labour amount due to increase in wage rate @15%						294193	225019	519211.64
7		Administrative charges 10%						44128.91		44128.91
G. Total										
Year IV (Maintenance year) 2029-30										
1	As per market rates	Purchase of Plants for casualty replacement in year-2 (10 %)	2360	Per Plant	0	88	88	0	207680	207680.00
2	As per Model	Casualty replacement of(10%) including retagging of pits, transportation planting, watering and application of insecticide	2360	per plant	14.25	0.51	14.76	33630.00	1209.50	34839.50
3	As per Model	Weeding and hoeing in plants 2 time and repairing of plants mound	4720	per plant	4.52	0.00	4.52	21334.40	0.00	21334.40
4	As per Model	Watch and ward charges for2 watcher for 12 months	624	Mdays	285.00	0.00	285.00	177840.00	0.00	177840.00
5	As per Model	Expenditure on Maintenance including(Repair of fencing/structure, subsidiary silvicultural operations and frost protection etc.)	118	ha.	520.24	136.69	656.93	61388.32	16129.42	77517.74
TOTAL YEAR 4										
6		Cost escalation in labour amount due to increase in wage rate @20%						294193	225019	519211.64
7		Administrative charges 10%						58838.54		58838.54
G. Total										
Year V (Maintenance year) 2030-31										
1	As per market rates	Purchase of Plants for casualty replacement in year-2 (5 %)	1180	Per Plant	0	88	88	0	103840	103840.00


 राजीव गांधी आरक्षण
 भारतीय नरेश

2	As per Model	Casualty replacement of (5%) including retagging of pits, transportation planting, watering and application of insecticide	1180	per plant	14.25	0.51	14.76	16815.00	604.75	17419.75
3	As per Model	Weeding and hoeing in plants 2 time and repairing of plants mound	2360	per plant	4.52	0.00	4.52	10667.20	0.00	10667.20
4	As per Model	Watch and ward charges for 2 watcher for 12 months	624	Mdays	285.00	0.00	285.00	177840.00	0.00	177840.00
5	As per Model	Expenditure on Maintenance including(Repair of fencing/structure, subsidiary silvicultural operations and frost protection etc.)	118	ha.	520.24	136.69	656.93	61388.32	16129.42	77517.74
		TOTAL YEAR 5						266711	120574	387284.69
6		Cost escalation in labour amount due to increase in wage rate @25%						66677.63		66677.63
7		Administrative charges 10%								
		G. Total								38728.47
										492691
Year VI (Maintenance year) 2031-32										
1	As per Model	Watch and ward charges for 2 watcher for 12 months	624	Mdays	285.00	0.00	285.00	177840.00	0.00	177840.00
2	As per Model	Expenditure on Maintenance including(Repair of fencing/structure, subsidiary silvicultural operations and frost protection etc.)	118	ha.	520.00	136.00	656.00	61360.00	16048.00	77408.00
		TOTAL YEAR 6						239200	16048	255248.00
3		Cost escalation in labour amount due to increase in wage rate @30%						71760.00		71760.00
4		Administrative charges 10%								
		G. Total								25524.80
										352533
Year VII (Maintenance year) 2032-33										
1	As per Model	Watch and ward charges for 2 watcher for 12 months	624	Mdays	285.00	0.00	285.00	177840.00	0.00	177840.00
2	As per Model	Expenditure on Maintenance including(Repair of fencing/structure, subsidiary silvicultural operations and frost protection etc.)	118	ha.	520.00	136.00	656.00	61360.00	16048.00	77408.00
		TOTAL YEAR 7						239200	16048	255248.00
3		Cost escalation in labour amount due to increase in wage rate @30%						71760.00		71760.00


 शैल्य वन अधिकारी
 कल्याण (महाराष्ट्र)

0 Year	13281588
1 year	6509300
2 year	3208690
3 year	615262
4 year	629971
5 year	492691
6 year	352533
7 year	352533
8 year	352533
9 year	352533
10 year	352533
Total	26500156


Range Forest Officer
Kehwara



सहायक वन संरक्षक
बारां म० बारां



Dy. Conservator of Forests
Baran

डॉ. सुनील कुमार गौड
उप वन संरक्षक
बारां

Deputy Conservator of Forest, Baran (Rajasthan)

Full Title of the Project:- Construction of Shahpur (1800 MW) Pumped Storage Project by M/S Greenko Energies Private Limited.
407.8227 Ha.
(Prposal No. FP/RJ/HYD/121439/2021)

CHECK LIST SERIAL NUMBER: 17

N.P.V Amount

Hence total NPV Amount of Forest land 407.8227 ha in Baran District for Construction of Shahpur (1800 MW) Pumped Storage Project by M/S Greenko Energies Private Limited.

AS Per the MoEF Order Dated 06.01.2022, Government of Rate for NPV, ECO Class-III per ha. is.

Eco -Class	Very Dense	Dense	Open
Class-III	1357110	1228590	957780

1. Eco class III dense forest is Mundier forest block Campartment no 11 and Snatora compartment no .6 total Arae is 122.3468 ha Area the NPV Amount is :-

$$122.3468 @ 1228590 = 15,03,14055 \text{ /-}$$

2. Eco class III Rest of Area is open forest Mundier forest block Campartment no 12, 13 and Nonera A compartment no .1, 2, 3, 4 total Arae is 285.4759 ha Area that the NPV Amount is:-

$$285.4759 @ 957780 = 27,34,23108 \text{ /-}$$

Total 407.8227 ha. Area NPV Amount is :-

$$273423108 + 150314055 = 42,37,37163 \text{ /-}$$

Place: Baran

Date- 27-9-2023

(Signature)

Name :- Deepak Kumar Gupta

Designation: - DCF Baran

Official Seal (Deepak Kumar Gupta)

उप वन संरक्षक

बारा



Greenko Energies Private Limited

CIN: U40109TG2000FTC034990



greenko

GEPL/DFO/Stage-I/251118

Date: 18.11.2025

To
The Divisional Forest Officer,
Baran Forest Division
District Baran

Sub: Proposal for diversion of 407.8227 ha. of forest land in favour of M/s Greenko Energies Private Limited for the construction of Shahpur (1800 MW) Pumped Storage Project in Hanumanthkhera, Maunawili villages, G.P.- Mundiyyar, Tehsil-Shahbad, Baran District, Rajasthan. (Online proposal No. FP/RJ/HYD/121439/2021)- **Regarding approve Soil Erosion Treatment Plan and issuance of final demand letter.**

Ref: 1. Stage-I Forest Clearance by MoEF&CC vide letter No. 8-25-2023-FC dated 15.03.2024
2. Your office demand letter no DCF/2024-25/7203 dated 31.07.2024
3. APCCF Cum Nodal officer (FCA) Jaipur letter no 1944 dated 04.11.2025.

Respected Sir,

Vide letter reference (3) Rajasthan Government has increased the labour wages from Rs. 259/- to Rs. 285/-. The Soil Erosion Treatment Plan of Shahpur PSP was prepared based on wage rate of Rs 259/-. Hence, the revised Soil Erosion Treatment Plan is prepared based on wage rate of Rs. 285/-. Copy of the same is enclosed.

We humbly request you to kindly approve the revised Soil Erosion Treatment Plan and issue a consolidated final demand letter for Stage-I compliance which will facilitate obtaining further statutory clearance and timely completion of the project.

Thanking You,

Yours Sincerely
for **Greenko Energies Private Limited**

N. Gaur Prasad

Authorized Signatory



Table-5: Estimated cost of implementation of Soil Erosion Treatment Plan					
SI No	Item	Rate (Rs)	Unit	Target	
				Physical	Financial (Rs.)
1	Biological Measures				
I	Assisted Natural Regeneration				
	i) Creation	59705.24	Ha	2x25	29,85,262
	ii) Maintenance for 5 years	30616	Ha	2x25	15,30,800
	Sub Total I				45,16,062
II	Engineering Measures				
	i) Check Dams and Gabian		Cmt	LS	10,00,000
	ii) CCT, MPT etc			LS	5,00,000
	Sub Total II				15,00,000
	Treatment Cost (Sub Total I + II)				60,16,062
III	Socio-economic Activity @5% of Treatment Cost				3,00,803
IV	Micro planning and preparation of DPR @2% of Treatment Cost				1,20,321
V	Monitoring & Evaluation of the works @2% of Treatment Cost				1,20,321
	Total				65,57,508
VI	Administrative Charges @10% of Treatment Cost				6,55,751
	Grand Total				72,13,258



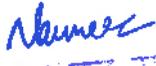

श्री. सुनील कुमार गौड
 उप वन संरक्षक
 बाराँ

Murree
 सहायक वन संरक्षक
 बाराँ मु० बाराँ

Table 6: Year Wise Phasing of Physical and Financial Targets							
Sr.NO.	Name of Activity	Year wise expenditure in Rs					Total
		2025-26	2026-27	2027-28	2028-29	2029-30	
1	Planting Activity: ANR Plantation 2x25 Ha=50 Ha	2985262	849450	311000	185150	185200	4516062
2	Check Dams and Gabions	400000	300000	300000	0	0	1000000
3	CCT, MPT etc.	200000	200000	100000	0	0	500000
4	Socio Economic Activity	200000	100803		0	0	300803
5	Microplanning and preparation of DPR	120321	0	0	0	0	120321
6	Monitoring and Evolution of works	0	0	0	120321	0	120321
7	Administrative Charges	500000	50000	50000	30000	25751	655751
	G Total	4405583	1500253	761000	335471	210951	7213258




 डॉ. सुनील कुमार गौड़
 उप वन संरक्षक
 बारी


 सहायक वन संरक्षक
 बारां म० बारी

कार्यालय उप वन संरक्षक, बारा

क्रमांक 0 एफ ()/एफ.सी.ए./उ.व.स./2025 -26/ 7833

दिनांक:- 01-12-2025

निमित्त:- अति.प्रधान मुख्य वन संरक्षक एवं
नोडल अधिकारी एफ.सी.ए राज0 जयपुर।

विषय:- Proposal for diversion of (407.8227 ha) Forest land for the development of Shahpur (1800MW)
Pumped Storage Project by M/S Greenko Energies Private Limited in Baran Territorial Forest
Division, District Baran, Rajasthan Proposal no- FP/RJ/HYD/121439/2021-

संदर्भ:- आपका पत्र क्रमांक 2943-44 दिनांक 24.11.2025 तथा इस कार्यालय के पत्र क्रमांक 7647 दिनांक
19.11.2025 एवं यूजर एजेन्सी का पत्र क्रमांक 251125 दिनांक 25.11.2025 के क्रम में।

महोदय,

उपरोक्त विषयान्तर्गत निवेदन है कि उक्त प्रकरण में इस कार्यालय के पत्र क्रमांक 7647 दिनांक 19.11.
2025 को रिवाईज मांग पत्र प्रेषित किया गया था जिसके क्रम में आप द्वारा निम्न दस्तावेज चाहे गये है
जो निम्नानुसार है।

S.N	EDS	REPLY
1.	प्रस्ताव में 1,19,759 पेड़ों की कटाई होनी है, परन्तु नसके लिये कोई राशि प्रस्तावित नहीं की है।	प्रस्ताव में प्रस्तावित 1,19,759 पेड़ों की कटाई होनी थी परन्तु सैद्धांतिक स्वीकृती की शर्त संख्या 10 के अनुसार 18908 पेड़ों को WCS एरीया में बचाना है एवं पेड़ों की कटाई के संबंध में वर्तमान में हाई कोर्ट जोधपुर में प्रकरण विचाराधीन होने के कारण वर्तमान समय में कितने पेड़ काटे जाने है की स्थिति स्पष्ट नहीं की गई है। इस कारण यूजर एजेन्सी से पेड़ों की राशि मांग पत्र में नहीं ली गई। इस संबंध में यूजर एजेन्सी ने अण्डर टैकिंग दी है कि जो भी मांग पत्र विभाग द्वारा दिया जायेगा वह जमा करने के लिये तैयार है। संलग्न - अण्डर टैकिंग
2.	Soil Erosion योजना के लिये 72,13,258/-रूपये प्रस्तावित किये है। योजना की प्रति उपलब्ध करावे तथा साथ ही यह योजनाकि स्तर पर स्वीकृत हुई है, अवगत करावें।	Soil Erosion योजना जो पूर्व में इस कार्यालय द्वारा अनुमोदित रूपये 6530413 /- किया गया था एव सैद्धांतिक स्वीकृती की शर्त संख्या 12 के क्रम में है। जिसको वर्तमान श्रमिक दरों में वृद्धि होने के कारण लगभग 10 प्रतिशत राशि की वृद्धि कर 72,13,258/-रूपये प्रस्तावित किये गये है। संलग्न -योजना की प्रति

संलग्न - उपरोक्तानुसार


उप वन संरक्षक
बारा

क्रमांक 0 एफ ()/एफ.सी.ए./उ.व.स./2025-26/ 7834-35
प्रतिलिपि:- निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है:-

1. संभागीय मुख्य वन संरक्षक, कोटा।
2. Greenko Energies Private Limited.

दिनांक 01-12-2025


उप वन संरक्षक
बारा



GEPL/DFO/Baran/FC/251125

Date: 25.11.2025

To
The Deputy Conservator of Forests
Baran Forest Division
District-Baran, Rajasthan

Subject: Proposal for diversion of 407.8227 ha. of forest land in favour of M/s Greenko Energies Private Limited for the construction of Shahpur (1800 MW) Pumped Storage Project in Hanumanthkhera, Maunawili villages, G.P.- Mundiyyar, Tehsil-Shahbad, Baran District, Rajasthan. (Online proposal No. FP/RJ/HYD/121439/2021) - **Approval of Demand Note-reg**

Ref: 1. Stage I Forest Clearance issued by MoEF & CC vide letter No 8-25-2023-FC dated 15.03.2024.
2. Revised Demand Letter issued by your office dated 19.11.2025
3. Nodal Officer Letter dated 24.11.2025

Respected Sir,

With reference to above subject matter, Nodal Officer verifying the demand note uploaded on Parivesh vide ref (3) has sought clarification on the Cost of tree felling to be realised from the user agency and Soil Erosion Plan. In this regard, it is respectfully submitted that:

- 1. Cost of Tree Felling:** Greenko Energies Pvt Ltd, undertakes to deposit the cost involved for Tree Felling and transportation as and when demand note is raised by forest dept, necessary undertaking in this regard is enclosed.
- 2. Soil Erosion Plan:** Initially, as per the directions of O/o Nodal Officer, Soil Erosion Plan with budgetary provision of Rs 65.30 Lakhs has been submitted to your officer for approval. The said Plan was subsequently approved by your office and forwarded the same to Nodal Officer. Thereafter, Nodal Officer while verifying the demand note vide letter dated 04.11.2025 has *inter-alia* directed to **revise** the applicable labour wages from Rs 259/- to Rs 285/-. Accordingly, Greenko has updated the cost estimate and submitted the revised Soil Erosion Plan with a budgetary estimate for Rs 72.13 Lakhs vide letter dated 18.11.2025 (copy enclosed).

The above clarifications are herewith submitted for your kind consideration and necessary action.

Thanking You
Yours Sincerely
For Greenko Energies Private Limited

N. Govind Kumar
Authorized Signatory



Copy to: -

1. The APCCF cum Nodal Officer (FCA) Jaipur for your kind information.
2. CCF, Kota for your kind information.

Certificate of Undertaking for Tree cutting

M/s Greenko Energies Pvt Ltd hereby confirms and undertakes to bear the cost of tree felling in the area approved for diversion as and when demand is raised by the Forest Department.

M/s Greenko Energies Pvt Ltd further confirms that if the Department permits felling of trees and transportation of timber (up to the forest Division Office), Greenko Energies Pvt Ltd is ready to bear the cost involved for transportation.

for **Greenko Energies Private Limited**

N. Gowri Krishna

Authorized Signatory

