

कार्यालय सम्भागीय मुख्य वन संरक्षक, बीकानेर

क्रमांक :- एफ12(305)सर्वे/संमुवसं/2021-22/ 5750 दिनांक :- 15-7-2021
निमित्त :-

अतिरिक्त प्रधान मुख्य वन संरक्षक,
प्रोटेक्शन एवं नोडल अधिकारी, एफसीए,
जयपुर, राजस्थान।

विषय:-Construction of 220 KV S/C Transmission line for power evacuation
from 200 MW solar power project of M/S Mahindra Susten private ltd.
village Khari charnan, Tehsil Kolayat, District Bikaner, Rajasthan forest
diversion proposal of 0.0812 Ha. under forest (Conservstion) Act, 1980.
(proposal No. FP/RJ/TRANS/116897/2020)

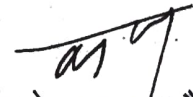
संदर्भ:-कार्यालय उप वन संरक्षक, बीकानेर का पत्र क्रमांक एफ()उवसं-बी
/2021-22/4918 दिनांक 13.07.2021।

महोदय,

उपरोक्त विषयान्तर्गत संदर्भित पत्र के क्रम में निवेदन है कि 220 केवी
ट्रांसमिशन लाईन निर्माण हेतु 0.0812 हैक्टेयर वनभूमि के प्रत्यावर्तन के संबंध में EDS दिनांक
05.07.2021 की पूर्ति की जाकर तीन प्रतियों में आवश्यक कार्यवाही हेतु संलग्न प्रेषित है।

संलग्न:-उपरोक्तानुसार

भवदीय,



(राजेश कुमार जैन)
संभागीय मुख्य वन संरक्षक
बीकानेर



कार्यालय उप वन संरक्षक, बीकानेर

ईमेल -dfobkn@gmail.com & dcf.bknr.forest@rajasthan.gov.in
पब्लिक पार्क, बीकानेर फोन- 0151-2544051

क्रमांक - एफ()सर्वे/उवसं-बी/2021-22/ 4918
निमित्त,

दिनांक :- 13-7-2021

संभागीय मुख्य वन संरक्षक
बीकानेर।

विषय:- "Construction of 220 KV S/C Transmission Line for Power Evacuation from 200 MW Solar Power Project of M/s Mahindra Susten Private Limited Village Khari Charnan, Tehsil-Kolayat, District Bikaner Rajasthan to RVPNL 220 KV Gajner Substation PROPOSAL NO. : FP/RJ/TRANS/116897/2020

महोदय,

उपरोक्त विषयान्तर्गत निवेदन है कि उक्त वन भूमि प्रत्यावर्तन प्रकरण में दिनांक 07.07.2021 को लगाये गये ई.डी.एस. की बिन्दूवार पालना ऑनलाईन करते हुए धार प्रति में संलग्न प्रेषित है।

संलग्न:- उक्तानुसार।

भूतदीय
(रंगास्वामी ई. IFS)
उप वन संरक्षक
बीकानेर

Deputy Conservator of Forest, Bikner (Rajasthan)

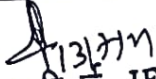
DETAILS OF AMOUNT FOR MEDICINAL PLANT

Construction of 220 KV S/C Transmision lline for Power Evacuation from 200 MW Solar Power Project of M/s Mahindra Susten Private Limited, Village – Khari Charnan, Tehsil –

Kolayat, District – Bikaner, Rajasthan to RVPN 220 KV Gainer Substation

forest Diversion Proposal - FP/RJ/TRANS/116897/2020

MODEL COST ESTIMATE FOR DWARF/MEDICINAL PLANTATION							
1. UNIT-5 (1.1Km length of transmission line)				4. Wage Rate- 225/- per day			
2. No of plants per Ha. 625&1375 med plants				5. Period = 0 + 11 years.			
3. Spacing 4X4 m for Dwarf plants & 2X2 m for medicinal Plants				6. Unit- 1 Ha.			
S.N.	ADVANCE WORK	Qty.	Unit	Rate in Rs.	Labour Rs.	Material Rs.	Total Rs.
1	Survey, demarcation and layout	Ha.	Ha.	126	126	0	126
2	Dividing area in subplots, their marking on ground & preparation of map	Ha.	Ha.	204	204	0	204
3	Layout for excavation of pits	2000	Nos.	0.83	1669	0	1669
4	Digging of pits						
	(i) 0.45x0.45x0.45 cm. Hard Soil 30 to 50% boulders	625	Nos.	13.15	8219	0	8219
	(ii) 0.30x0.30x0.30 cm. Hard Soil 30 to 50% boulders	1375	Nos.	4.2	5780	0	5780
5	Construction of loose some check dam in nallahs lead upto 200 m.	50	Cum	255.78	12789	0	12789
6	Construction of thatched cattle guard hut (one time L.S.)	Prorata	-	-	0	8025	8025
7	Purchase of tools & plants (one time L.S.)	Prorata	-	-	0	1070	1070
8	Purchase of water storage tank (one time L. S.)	Prorata	-	-	0	5350	5350
9	Purchase of sign board and its fixing (one time L. S.)	Prorata	-	-	0	535	535
10	Miscellaneous & unforeseen exp.		-	-	0	3826	3826
- TOTAL					28787	18806	47593
1st Year Operation (Planting year)							
S.N.	Details of Activitiles	Qty.	Unit	Rate	Labour	Materiral	Amount
1	Purchase of medicinal/dwarf plants and transportation upto planting site	2200	Nos.	20	0	47080	47080
2	Treatment of pit soil with insecticide	2000	Nos.	0.475	951	0	951
3	Local transport and planting of medicinal plants	2000 (size 15x2 2.5)	Nos.	16.12	32239	0	32239


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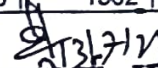
4	Construction of half crescent shaped Thanwala of at least 45 cm Radius stony hilly area	2000	Nos.	8.12	16246	0	16246
5	Fertilizer application urea dose 2 time	4000 (2000x2)	Nos.	0.475	1901	0	1901
6	Purchase of fertilizer for plants	Prorata	-	-	0	2140	2140
7	Weeding & Hoeng work 2 times	4000	Nos.	4.6	18380	0	18380
8	Watering 3 times except rainy season 30 lit. per plants	6000 (2000x3)	Nos.	5.43	32577	0	32577
9	Purchase of water @ 300/tanker of 3000 lit.	60	Tanker	300	0	9630	9630
10	Hoeng of plants after every watering	6000	Nos.	2.46	14768	0	14768
11	Purchase of Insecticide	Prorata	-	-	0	3210	3210
12	Watch & Ward for 12 month @ 5850/month (one C.G. for 5 ha.)	12 month	Month	1170	14040	0	14040
13	Miscellaneous exp.	-	-	-	0	9030	9030
TOTAL					131102	71090	202192

2nd Year Operation (1st year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Amount
1	Casualty replacement-10%						
	(a) Cost of plants	440	Nos.	21.4	0	9416	9416
	(b) Redigging of pits						
	(i) .45X.45X.45 CMT	125	Nos.	6.82	861	0	861
	(ii) .60X.60X.60 CMT	275	Nos.	2.07	569	0	569
	(c) Transportation of plants & Planting	400	Nos.	16.12	6448	0	6448
	¼d½ Soil treatment	400	Nos.	0.475	190	0	190
2	Weeding & Hoeng work 2 times	4000	Nos.	4.6	18380	0	18380
3	Watering of plants 4 times	8000	Nos.	5.43	43437	0	43437
4	Hoeng of plants after each watering (4 times)	8000 (2000x4)	Nos.	2.46	19690	0	19690
5	Repair of Thanwala	2000	Nos.	1.46	2915	0	2915
6	Cost of water @ 300/tanker of 3000 ltr.	80	Tanker	300	0	12840	12840
7	Watch & ward (1/5) for 12 months @ 1170x12 month	12	month	1170	14040	0	14040
8	Misc. & unforeseen exp.	-	-	-	0	4872	4872
TOTAL					106530	27128	133658

3rd Year Operation (IInd year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Amount
1	Watering of plants 3 times	6000	Nos.	5.43	32577	0	32577
2	Hoeng of plants after each watering	6000	Nos.	2.46	14768	0	14768
3	Repair of Thanwala once	2000	Nos.	1.44	2915	0	2915
4	Cost of water @ 300/tanker of 3000 ltr.	60	Tanker	300	0	9630	9630
5	Watch & ward (1/5) for 12 months @ 1170x12 month	12	Month	1170	14040	0	14040
6	Misc. & unforeseen exp.	-	LS	-	0	4879	4879

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TOTAL					64300	14509	78809
4th Year Operation (3rd year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward (1/5) for 12 months @ 1170x12 month	12	Month	1170	14040		14040
2	Misc. & unforeseen exp.	-	-	-	0	1562	1562
TOTAL					14040	1562	15602
5th Year Operation (4th year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward (1/5) for 12 months @ 1170x12 month	12	Month	1170	14040		14040
2	Misc. & unforeseen exp.	-	-	-	0	1562	1562
TOTAL					14040	1562	15602
6th Year Operation (5th year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward (1/5) for 12 months @ 1170x12 month	12	Month	1170	14040		14040
2	Misc. & unforeseen exp.	-	-	-	0	1562	1562
TOTAL					14040	1562	15602
7th Year Operation (6th year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward (1/5) for 12 months @ 1170x12 month	12	Month	1170	14040		14040
2	Misc. & unforeseen exp.	-	-	-	0	1562	1562
TOTAL					14040	1562	15602
8th Year Operation (7th year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward (1/5) for 12 months @ 1170x12 month	12	Month	1170	14040		14040
2	Misc. & unforeseen exp.	-	-	-	0	1562	1562
TOTAL					14040	1562	15602
8th Year Operation (8th year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward (1/5) for 12 months @ 1170x12 month	12	Month	1170	14040		14040
2	Misc. & unforeseen exp.	-	-	-	0	1562	1562
TOTAL					14040	1562	15602
10th Year Operation (9th year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward (1/5) for 12 months @ 1170x12 month	12	Month	1170	14040		14040
2	Misc. & unforeseen exp.	-	-	-	0	1562	1562


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TOTAL					14040	1562	15602
11th Year Operation (10th year Maintenance)							
S.N.	Details of Activities	Qty.	Unit	Rate	Labour	Material	Total
1	Watch & ward (1/5) for 12 months @ 1170x12 month	12	Month	1170	14040		14040
2	Misc. & unforeseen exp.	-	-	-	0	1562	1562
TOTAL					14040	1562	15602

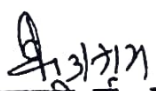
Per ha. Abstract			
S.No.	Year	Labour	Total
1	0 Year (Advance Work)	28787	47593
2	Planting Year	131102	202192
3	I Year Maintenance	106530	133658
4	II Year Maintenance	64300	78809
5	III Year Maintenance	14040	15602
6	IV Year Maintenance	14040	15602
7	V Year Maintenance	14040	15602
8	VI Year Maintenance	14040	15602
9	VII Year Maintenance	14040	15602
10	VIII Year Maintenance	14040	15602
11	IX Year Maintenance	14040	15602
12	X Year Maintenance	14040	15602
TOTAL		443039	587068
SAY			587100

Hence Total Medicinal Plant Amount for Construction of 220 KV S/C Transmission line for Power Evacuation from 200 MW Solar Power Project of M/s Mahindra Susten Private Limited, Village – Khari Charnan, Tehsil – Kolayat, District – Bikaner, Rajasthan to RVPN 220 KV Gajner Substation (FP/RJ/TRANS/116897/2020) will be :

0.50 x Rs. 5, 87,100/- = Rs. 2,93,550/- (Two Lakhs, Ninety Three Thousand, Five Hundred Fifty Rupees Only).

Place: Bikaner

Date: 12.07.2021

(Signature) 
 Name (रंगास्वामी ई. IFS)
 Designation उप वन संरक्षक
 Official Seal..... बीकानेर