

Chhattisgarh – WR Transmission Limited

(Program under Government of India - Additional System Strengthening Scheme for Chhattisgarh & WR IPP)
7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

Ref: CWRTL/FC/Compl/2018/01
Date: 27.01.2018

To,

**The Divisional Forest Officer
Janjgir Champa Forest Division
Janjgir Champa, Chhattisgarh.**

Subject: Diversion of 22.1820 ha Forest Land in favour of Director , Chhattisgarh WR Transmission Limited for Construction of 765 KV S/C Champa - Dharamjaygarh Transmission Line under Forest Conservation Act, 1980 in Janjgir and Baloda District in the State of Chhattisgarh – regarding

Ref: In-principle approval Regional Office (WCZ), Nagpur vide letter FC- II/CH-69/2017-NGP/2559

Respected Madam,

The Regional Empowered Committee, the Central Government hereby accords '**In-Principle**' under Section - 2 of the Forest (Conservation) Act, 1980 for diversion of 22.1820 ha Forest Land in favour of Director, Chhattisgarh WR Transmission Limited for Construction of 765 KV SIC Champa - Dharamjaygarh Transmission Line under Forest Conservation Act, 1980 in Janjgir and Baloda District in the State of Chhattisgarh

We are enclosing herewith the Compliance Report on the conditions of the In – principle approval and request you to process our proposal for Stage II.

Thanking you,

Yours faithfully,

for Chhattisgarh WR Transmission Limited,



(Manoj Deshmukh)
Director

Encl: as above.

Copy to:

- 1 Regional Office (WCZ), Nagpur
- 2 The PCCF, Government of Chhattisgarh, Raipur
- 3 The Nodal Officer FCA), % of the PCCF, Government of Chhattisgarh, Raipur.

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Compliance Report of In-principle approval for diversion of 22,1820 ha of Forest land for laying of 765 kV S/C form Champa – Dharamjaygarh Transmission line under Forest Conservation Act, 1980 in Janjgir and Baloda District in the State of Chhattisgarh, accorded by the Government of India, Ministry of Environment & Forests, Regional Office. (Western Central Zone), Nagpur. Vide letter no. FC-II/CH-69/2017-NGP/2559, Dated 07.07.2017.

Compliance of Conditions

Sl.no	Conditions laid down by Central Government		Compliance Status
(i)	The legal status of the forest land shall remain unchanged	:	Chhattisgarh WR Transmission Limited, agrees to the condition. Undertaking for the same enclosed as Annexure I
(ii)	Compensatory afforestation over non-forest land, equal in extent to the forest land being diverted, shall be raised and maintained by the State Forest Department at the cost of the User Agency;	:	Land for Compensatory afforestation admeasuring 28.749 Ha transferred and muted in favor forest department Government of Chhattisgarh, the copy of same is enclosed as Annexure II . Cost of Compensatory afforestation Rs. 1,83,93,825/- paid to CAMPA account copy of same is enclosed as Annexure II .
(iii)	The land identified for the purpose of CA shall be clearly depicted on a Survey of India toposheet of 1:50,000 scale;	:	The land identified for Compensatory Afforestation clearly depicted on a Survey of India toposheet of 1:50,000 scale attached as Attachment III
(iv)	The non-forest land identified for raising compensatory afforestation shall be transferred and mutated in favour of the State Forest Department before issue of the Stage-II clearance;	:	The non-forest land 28.749 Ha in Bargaon village Rajnandgaon district has been transferred and mutated in favour of Forest Department, Government of Chhattisgarh. (Refer the copy of the same is enclosed as Annexure II)
(v)	The non-forest land transferred and mutated in favour of the State Forest	:	Compensatory Afforestation land transferred and mutated in favor of



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	Department shall be notified by the State Government as RF under Section-4 or PF under Section-29 of the Indian Forest Act, 1927 or under the relevant Section(s) of the local Forest Act, latest within a period of six months from the date of issue of Stage-II approval. The Nodal Officer shall report compliance in this regard along with a copy of the original notification declaring the non-forest land under Section 4 or Section 29 of the Indian Forest Act, 1927 or under the relevant sections of the local Forest Act, as the case may be, within the stipulated period to the Central Government for information and record;		forest department. State Government has initiated the process of notifying the CA land as RF under section 4 copy of the same is enclosed as Annexure IV
(vi)	The User Agency shall transfer the cost of raising and maintaining the compensatory afforestation, at the current wage rate, to the State Forest Department. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years;	:	The cost of Compensatory Afforestation, Rs. 18,39,3,825/- has been transferred to the Ad-hoc CAMPA (Refer Annexure II for bank challan)
(vii)	The State Government shall charge the Net Present Value (NPV) of the forest land being diverted under this proposal from the User Agency as per the orders of the Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No. 202/1995 and the guidelines issued by this Ministry vide its letter No. 5-3/2007 -FC dated 05.02.2009 in this regard;	:	Net Present Value (NPV) of Rs 1,61,10,373/- paid in the CAMPA account (Refer Annexure II for bank challan)



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(viii)	At the time of payment of the Net Present Value (NPV) at the then prevailing rate, the User Agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India;	:	An undertaking to pay the additional amount of NPV is enclosed as Annexure V
(ix)	All the funds received from the user agency under the project, except the funds realized for regeneration / demarcation of safety zone, shall be transferred to Ad-hoc CAMPA in the Saving Bank Account pertaining to the State concerned;	:	All payments has been transferred to Ad-hoc CAMPA as per following details. Compensatory Afforestation cost: Rs. 1,83,93,825/- Net Present Value: Rs. 1,61,10,373 /- Total: 3,45,04,198/- Paid through RTGS Dated 07.11.2017 Application No: 6418820860 Pay account no: 150646418820860 Tree felling Rs. 7,08,233/- DD No.022221, Dated 08.11.2017 In favor of Divisional Forest Officer, Janjgir Champa.
(x)	The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required;	:	Not Applicable as transmission lines are not included in the schedule of EIA notification 2006.
(xi)	No approach road shall be constructed in the forest area for transportation of steel and other material required for the transmission line. As far as possible the User Agency shall use the existing road and the proposed ROW for the transportation of the material and in the event of non-availability of such facilities, the User Agency shall transport material manually without construction of any path	:	Undertaking for same enclosed as Annexure VI.

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(xii)	No labour camp shall be established on the forest land;	:	No Labour camp will be established on forest land. Undertaking for same enclosed as Annexure VII.
(xiii)	The User Agency shall provide firewood preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas;	:	Undertaking for same enclosed as Annexure VIII.
(xiv)	The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar;	:	Boundary of the forest land to be diverted has been demarked on ground at project cost and the same is accepted by Forest department Khairagarh, Copy of same is enclosed as Annexure IX
(xv)	The forest land shall not be used for any purpose other than that specified in the proposal	:	Undertaking for same enclosed as Annexure X.
(xvi)	The User Agency shall ensure that because of this project, no damage is caused to the wildlife available in the area;	:	Undertaking for same enclosed as Annexure XI.
(xvii)	Comments of the PCCF (Wildlife) on the impact of the project on the schedule-I species and recommendations, if any, suggested by the PCCF (Wildlife), Chhattisgarh shall be implemented by the User Agency at the project cost;	:	The report enclosed, we hereby undertake the cost of recommendations as per report.
(xviii)	The User agency, if required, shall undertake comprehensive soil conservation measures at the project cost in consultation with the State Forest Department	:	Undertaking for same enclosed as Annexure XII.
(xix)	Width of right of way for the transmission line shall be limited to 67 meters;	:	Right of way of 64 meters will be maintained as this is 765 kV S/C Line. (As per MoEF Notification 7-25/2012,



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			05.05.2014)
(xx)	The layout plan of the proposal shall not be changed without the prior approval of the Central Government.	:	There is no changes in the layout of the project.
(xxi)	The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government;	:	Undertaking for same enclosed as Annexure XIII.
(xxii)	The user agency shall install circuit breakers at suitable places besides maintain necessary ground clearance to prevent electrocution of wild animals;	:	Undertaking for same enclosed as Annexure XIV.
(xxiii)	Any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department;	:	Undertaking for same enclosed as Annexure XV.
(xiv)	To minimize the felling for construction of transmission line, user agency shall comply with the following guidelines:	:	Undertaking for same enclosed as Annexure XVI.
	(a) Below each conductor, width clearance of 10 meters would be permitted for carrying the tension stringing equipment. The trees on such strips may be felled but after stringing work is completed, the natural regeneration will be allowed to come up.	:	
	(b) One outer strip may be left clear to permit maintenance of the transmission line;	:	
	(c) In the remaining width the right of way felling/pollarding/pruning of trees will be done with the permission of the local forest	:	

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	officer whenever necessary to maintain the electrical clearance, trees shall be allowed to be felled or lopped to the extent required, for preventing electrical hazards by maintaining the minimum 9.0 meter clearance between conductors and trees. The sag and swing of the conductors are to be kept in view while working out the minimum clearance mentioned as above;	
	(d) User agency in consultation with the State Forest Department prepare a detailed scheme for creation and maintenance of plantation of dwarf species (preferably medicinal plants) in right of way under the transmission line, and provide funds for execution of the said scheme to the State Forest Department; and	:
	(e) In case a portion of the transmission lines to be constructed is located in hilly areas, where adequate clearance is already available, trees shall not be cut;	:
(xxv)	The user agency in consultation with the State Government shall create and maintain alternate habitat/home for the avifauna, whose nesting trees are to be cleared in this project. Bird's nests artificially made out of eco-friendly material shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the	: A survey carried out for providing of alternate re-habitat for avifauna with artificially made eco-friendly material to compensate the loss to the avifauna base of the affected area. Report enclosed as Annexure XVII .

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	project;		
(xvi)	The State Government shall ensure that settlement of rights, in terms of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, if any, has been completed in accordance with the Guidelines issued by the MoEF&CC in this regard;	:	FRA certificate issued by Office of District Collector enclosed as Annexure XVIII.
(xxvii)	The User Agency shall submit six monthly self-compliance reports as on 1st January and 1 st July of every year to this office as well as to the Nodal Officer of the State;	:	Noted & will comply
(xxviii)	The State Government shall monitor compliance of conditions of Forest Clearance and shall submit in this regard yearly report as on 31 st December of every year;	:	Pertains to Forest Department
(xxix)	Any other condition that the concerned Regional Office of this Ministry may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife;	:	Undertaking for same enclosed as Annexure XIX.
(xxx)	The User Agency and the State Government shall ensure compliance to provisions of the all Acts, Rules, Regulations and Guidelines, for the time being in force, as applicable to the project; and	:	Undertaking for same enclosed as Annexure XX.
(xxxi)	Grant of working permission to the extant proposal may be considered by the State Government in accordance with the provisions as contained in the MoEF & CC's Guidelines dated 28.08.2015.	:	Pertains to Forest Department



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UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertake that the legal status of the forest land for construction of 765 kV S/C Champa - Dharamjaygarh Transmission Line admeasuring 22.1820 ha will remain unchanged.

For, Chhattisgarh-WR Transmission Limited.

Date: 27.01.2018.
Place: Ahmedabad


(Manoj Deshmukh)
Director

प्रारूप ख

(नियम 5)

तहसीलदार खैरागढ़ के समक्ष

राजस्व प्रकरण क्रं. 01/3124/13-18

शीर्षक 01/8154 वर्ष 2017-2018 ग्राम बरगाव, तहसील खैरागढ़, जिला राजनांदगांव(छ.ग.)

भूमिस्वामी श्री अश्विन हीवरकर पिता दामोदरराव हीवरकर निवासी प्लॉट नं. X262 & X 263 पहला माला पाटनी आटो बिल्डींग सिडको बुटीबोरी नागपुर, जिला हीवरकर (महाराष्ट्र) द्वारा निम्न अनुसूची में वर्णित ग्राम बरगाव पटवारी हल्का नं. 1 तहसील खैरागढ़ जिला राजनांदगांव (छ.ग.) में स्थित उसके खातों अथवा खाते के अंश के त्यजन की सूचना प्राप्त होने पर एवं आवश्यक जाँचों उपरान्त मैं एतब द्वारा उक्त अधिकार के त्यजन को स्वीकार करता हूँ, एवं आज्ञा देता हूँ की उक्त भूमि को छत्तीसगढ़ भू - राजस्व संहिता की धारा 233 के खंड (ख) के अन्तर्गत तैयार किये गया आधिपत्य रहित भूमि के अभिलेख में कृषि के लिए उपलब्ध के तौर पर उक्त अनुसूची के स्तंभ (4) एवं (5) में वर्णित अधिकारों, धारणों, भारों या साम्यों के अंतर्गत दर्ज किया जायेगा।

अनुसूची

त्यजन किए जाने वाले खाते अथवा खातों के भाग का ब्यौरा

खाता क्र. संक्षेप - सख्याओं/भू - खंडों सहित	क्षेत्रफल	भू - राजस्व	अधिकारधारण, या साम्या	उस व्यक्ति का जिसके हित में वे स्थित है।	टिप्पणी
(1)	(2)	(3)	(4)	(5)	(6)
126/1	2.431	0.30			
115/1	0.924	0.13			
126/3	4.821			छ.ग. डब्लू.	वन विभाग
20/3	3.962	0.05		आर. ट्रांस	वन मण्डल
16	3.743	0.10	वन विभाग वन	मिशन	वन मण्डल
20/5	3.962	0.05	मण्डल खैरागढ़,	लिमिटेड,	खैरागढ़,
23	1.092	0.10	छ.ग. शासन	नागपुर	छ.ग. शासन
25	6.726			(महाराष्ट्र)	
123	1.088				
योग - 9	28.749	0.73			

दिनांक : 30 माह 12-20-17



तहसीलदार के हस्ताक्षर
तहसीलदार
खैरागढ़ (छ.ग.)

भूमि का ब्योरा हेक्टर में एवं करो का ब्योरा रुपये पैसे में

प्रॉपर्टी की-1 किरानेवादी जमीनी (आसामीबाद)

दिनांक : 24-Jan-2018

ग्राम : बरगांव

हल्का : 00001

रा नि : पांडाहा

तहसील : ठौरागढ़

जिला : राजनंदगांव

वर्ष: 2017-18

खाली क्रमांक		खाते के ब्योरे		घातू और बकाया माँग		वसूलियाँ						खजाने में जमा करने के ब्योरे			घातू की समाप्ति पर बाकी वसूलियाँ		घातू की समाप्ति पर बाकी		जारी की गई बहाल आदेशिका के ब्योरे			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)		(20)	(21)	(22)
1	(1) जन्म - वन विभाग पत्ता- खैरागढ़ (उ. ग. शासन) स्वामित्व शासकीय भूमि	126/1	2.431		0.30																	
कुल		1	2.431		0.30	0	0.30															

भूगतान पुस्तिका: मानचित्र क्रमांक 420308.002/220118/01629 आदेश क्रमांक 1324-2017-18 / 30 Dec 2017

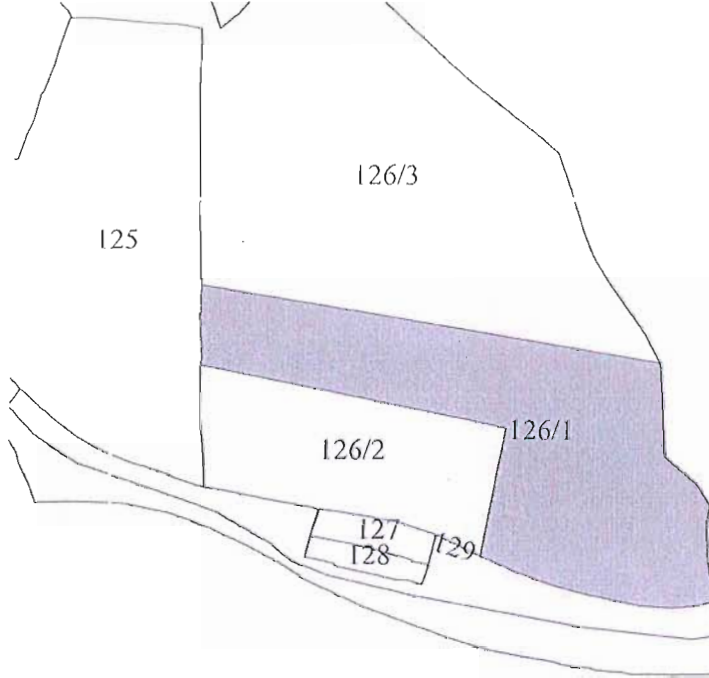
पृष्ठ क्रमांक: 1 / 1

प्रतिलिपि प्रदानकर्ता :- 24-Jan-2018
 तहसील ठौरागढ़
 जिला - राजनंदगांव

खसरा नक्शा

दिनांक : 24/01/2018 11:23:51 AM

ग्राम : बरगांव राजस्व निरीक्षक मण्डल : पांडादाह तहसील : खैरागढ़ जिला : राजनांदगांव



मापमान 1:3960

खसरा नंबर : 126/1
धारणाधिकार : शासकीय भूमि
रकबा : 2.431 हेक्टेयर
सिंचित रकबा :
असिंचित रकबा :

नाम : वन विभाग पिता का नाम : null null
पता : खैरागढ़ (छ.ग. शासन)

मुख्य अधिकारी
तहसील खैरागढ़
जिला - राजनांदगांव

सक्षम अधिकारी के हस्ताक्षर
व पदमुद्रा

दिनांक :24-Jan-2018

भूमि का चयन हेतु नए नए एवं करो का दायित्व रूप से दौरो में
माल की जानकारी पिछले वर्ष की है
जाना 5 से 11 न रखा तथा खरीद की जानकारी है

फॉर्म पी-11

कृषि कार्यलय उपयोग हेतु

गान : दरगाव

हल्का : 00001

रा नि : पांडावा

जिला : राजनांदगांव

वर्ष : 2017-18

भू-आपन क्रमांक	क्षेत्रफल और यदि भूमि खाली में सम्मिलित न हो तो उसका वर्णन)	कब्जेदार का नाम, उसके पिता का नाम या पति का नाम तथा निवास स्थान, अधिकार जिसके अंतर्गत भूमि धारण की गई और देश राजस्व का वर्णन	*	क्षेत्रफल जिसमें वर्ष के दौरान फसल उगाई गई			पड़ती का क्षेत्रफल			खेतों के बाहर के क्षेत्रों में बोई गई फसल का नाम तथा क्षेत्रफल	कॉम्पिक्ट
				फसल का नाम	फसल का क्षेत्रफल	दु-फसली क्षेत्रफल	चार वर्ष की पड़ती	2 से 5 वर्ष तक की पड़ती	अन्य पड़ती		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
126/1	2.431	(1)मान - वन विभाग पता- खैरागढ (उ. ग. शासन) स्वामित्व - शासकीय भूमि									मानांतरण क्रमांक 420308.002/220118/01629 आदेश क्रमांक 1324 2017-18 / 30 Dec 2017

- किसी भूमि स्वामी या पट्टेदार या किसी नौतमी, काबतकार के उपपट्टेदार का नाम, पिता का नाम, लगान या पट्टे की रकम और उपपट्टे पर दिया गया भाग का क्षेत्रफल

पृष्ठ क्रमांक: 1 / 1

प्रतिलिपि प्रदानकर्ता :- 24-Jan-2018 11:24:26

प्रतिलिपि प्रदान करने वाले का हस्ताक्षर

राजनांदगांव
जिला - राजनांदगांव

भूति का व्योम कैलकुलर में एवं करो का व्योम रूपसे पैसे में

फॉर्म नं-1 किरतदी खतीनी (आसमीवार)



दिनांक : 15-Jan-2018

ग्राम : बरगांव

हल्का : 00001

रा नि : पांडादाह

तहसील : छेरगढ़

जिला : राजनंदगांव

वर्ष : 2017-18

खाना क्रमांक	भू-स्वामी या शासकीय पट्टेदार का नाम	खाने के ब्यारे		घातू और बकाया नॉंग			वसूलियाँ						वर्ष की समाप्ति पर बाकी				वर्ष की समाप्ति पर बाकी वसूलियाँ		जारी की गई बलात् आदेशिका के ब्यारे			
		खाने में शामिल प्रत्येक भू-स्वामन क्र. और खाने का क्र.	प्रत्येक भू-स्वामन क्र. का क्र.	प्रत्येक भू-स्वामन क्र. का क्र.	किस्तों के ब्यारे	भू-राजस्व	उपकर	योग	भुगतान करने वाले व्यक्ति का नाम	भुगतान की तारीख	मू-राजस्व	उपकर अदावा	योग	रकम जमा करने वाले का नाम	जमा करने की तारीख	चालान क्रमांक	मू-राजस्व	उपकर		योग		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
83	(1) नाम - वल विनाय पतन- वल प्रखल खेरगढ़ (उपग) शासनी स्वायत्त शासकीय भूनि	116/1	0.924		0.13																	
भूल		1	0.924		0.13		0.13															

वृ. 2017-18

जिला : राजनांदगाव

पता- वल प्रखल खेरगढ़ (उपग) शासनी स्वायत्त शासकीय भूनि

नामांक 420308.002/110118/00972

आदेश क्रमांक 1324485/ 2017/18

/ 30 Dec 2017

मृण पुस्तिका:

मू- राजस्व: 420305.002/110118/00972
आदेश क्रमांक 13243/2017/18
30 Dec 2017

पृष्ठ क्रमांक: 1 / 1

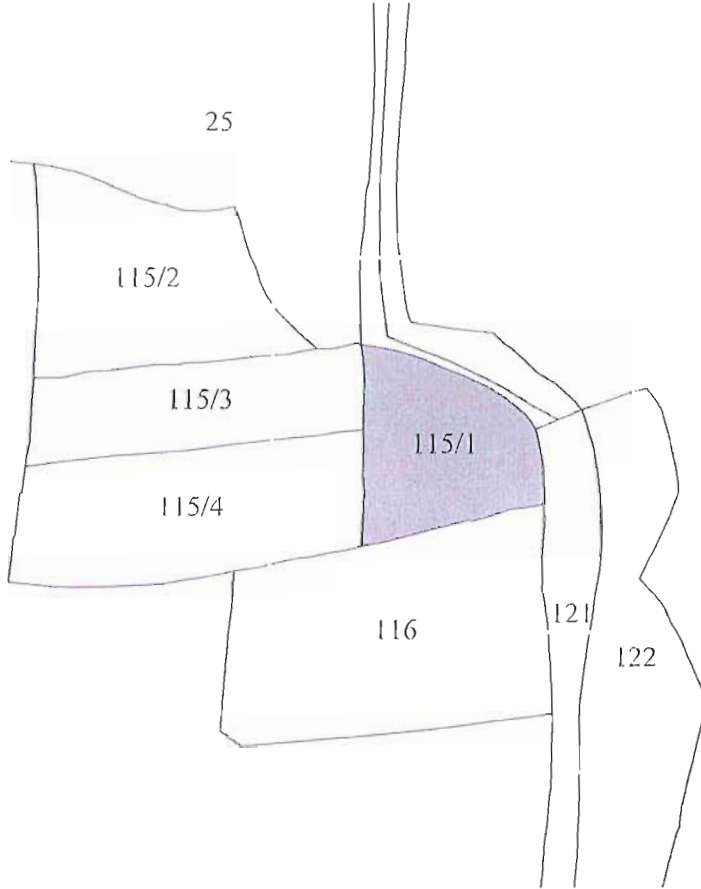
प्रतिलिपि प्रदानकर्ता :- 15-Jan-2018 11:35:31



खसरा नक्शा

दिनांक : 15/01/2018 11:35:40 AM

ग्राम : बरगांव राजस्व निरीक्षक मण्डल : पांडादाह तहसील : खैरागढ़ जिला : राजनांदगांव



मापमान 1:3960

खसरा नंबर : 115/1

धारणाधिकार : शासकीय भूमि

रकबा : 0.924 हेक्टेयर

सिंचित रकबा :

असिंचित रकबा :

नाम : वन विभाग पिता का नाम :

पता : वन मंडल खैरागढ़ (छोगोशासन)

सक्षम अधिकारी के हस्ताक्षर
व पदमुद्रा

मुख्य प्रशासी
तहसील खैरागढ़
जिला - राजनांदगांव

जिला : राजनांदगांव वर्ष: 2017-18

जिला : राजनांदगांव

प्रतिलिपि प्रदान करने वाले को हस्ताक्षर

पृष्ठ सं. १ / १

प्रतिलिपि प्रदानकर्ता :- 15-Jan-2018 11:36:18

फॉर्म सी-॥
बैकबल कार्यालय उपयोग हेतु

जिल्हा : राजनांदगांव

19209 : 00007

तहसील : खैरागढ़

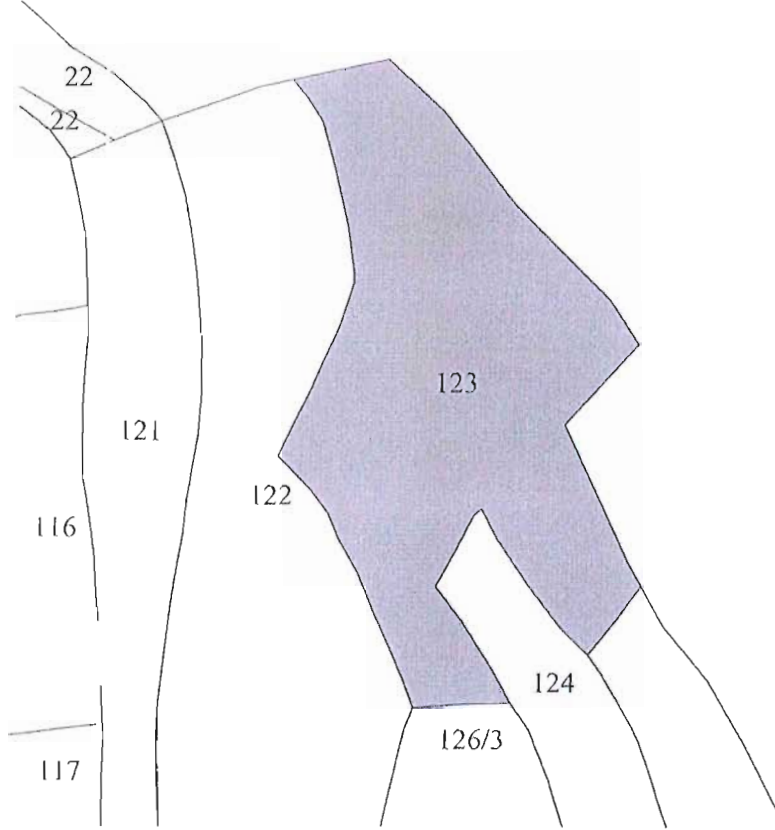
प्रतिनिधि प्रधान कार्यालय का

प्रतिलिपि प्रदानकर्ता :- 11-Jan-2018 15:44:42

खसरा नक्शा

दिनांक : 11/01/2018 03:44:01 PM

ग्राम : बरगांव राजस्व निरीक्षक मण्डल : पांडादाह तहसील : खैरागढ़ जिला : राजनांदगांव



मापमान 1:2000

खसरा नंबर : 123
धारणाधिकार : शासकीय भूमि
रकबा : 1.088 हेक्टेयर
सिंचित रकबा :
असिंचित रकबा :

नाम : वन विभाग पिता का नाम :
पता : वन मंडल खैरागढ़(छ0ग0)

सक्षम अधिकारी के हस्ताक्षर
व पदमुद्रा

कुर्बाना पटेल
तहसील खैरागढ़
जिला - राजनांदगांव

भूमि का ब्योरा हेमटयर में एवं करो का ब्योरा रुपये धनो में

फॉर्म बी-1 किसानवर्दी खतौनी (आसानीवार)

दिनांक : 11-Jan-2018

ग्राम : बरगांव

हस्ता : 00001

रा नि : चाणदर

तहसील : डेरागढ़

जिला : राजनंदगांव

वर्ष : 2017-18

क्रमांक	मूल्चामी या शासकीय पट्टेदार का नाम	(1)	(2)	(3)	(4)	खाले के ब्योरे		चाहू और बकाया नॉंग				वसलियों				खजाने में जना करने के ब्योरे				वर्ष को समाप्ति पर				वर्ष को समाप्ति पर बाकी				जारी की गई बसत आदिपिका के ब्योरे
						खाले के ब्योरे	प्रत्येक मूल्चामन क्र. का और खाले का कुल क्षेत्रफल	किस्तों के ब्योरे	मूल्चामन	उपकर	योग	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	मूल्चामन करने वाले व्यक्ति का नाम	
87	(1) जमान - वन विभाग पता- वन नडल डेरागढ़ (300 मी) स्वामित्व - शासकीय भूमि	20/3	3.962	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
कुल		1	3.962	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05

दिनांक :11-Jan-2018

भूमि का व्योरा हैन्टेयर में एवं करो का व्योरा रुपये पैसे में
फसल की जानकारी पिछले वर्ष की है

खता 5 से 11 में रबी तथा खरीफ की जानकारी है

फॉर्म पी-11

कृषि कार्यलय उपयोग हेतु

ग्राम : बरगांव

हल्का : 00001

रा नि : पांडवतह

तहसील : खैरागढ़

जिला : राजनांदगांव

वर्ष: 2017-18

क्रमांक	क्षेत्रफल (और यदि भूमि खातो में सम्मिलित न हो तो उसका वर्णन)	कच्चेदार का नाम, उसके पिता का नाम या पति का नाम तथा निवाले स्थान, अधिकांश जिसके अंतर्गत भूमि धारण की गई और देय राजस्व का लगान	(1)	(2)	(3)	(4)	(5)	फसल का नाम	फसल का क्षेत्रफल	कुल वर्ष क्षेत्रफल की पड़ती	पड़ती का क्षेत्रफल			खाते के बाहर के क्षेत्रों में बोई गई फसल का नाम तथा क्षेत्रफल	कैफियत
											2 से 5 वर्ष तक की पड़ती	अन्य पड़ती			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)				
20/3	3.962	(1) ग्राम - वन विभाग पता- वन मंडल खैरागढ़ (UDIGO) स्वामित्व - शासकीय भूमि											एन या साज (हेमिनेलिया टेमेंटोसा), तैल (अस्पिरायस मिलेविलोस), महुआ (लघुका लेटीफोलिया), सागवान (टेक्टोना रोजिस) नामांतरण क्रमांक 420308.002/10011800777 आदेश क्रमांक 13/24 वर्ष 2017/18 / 30 Dec 2017		

* किसी भूमि स्वामी या पट्टेदार या किसी मौलमी कातकार के उपपट्टेदार का नाम, पिता
का नाम, लगान या पट्टे की रकम और उपपट्टे पर दिया गया भाग का क्षेत्रफल

पृष्ठ क्रमांक: 1 / 1

प्रतिलिपि प्रदानकर्ता :- 11-Jan-2018 15:40:37

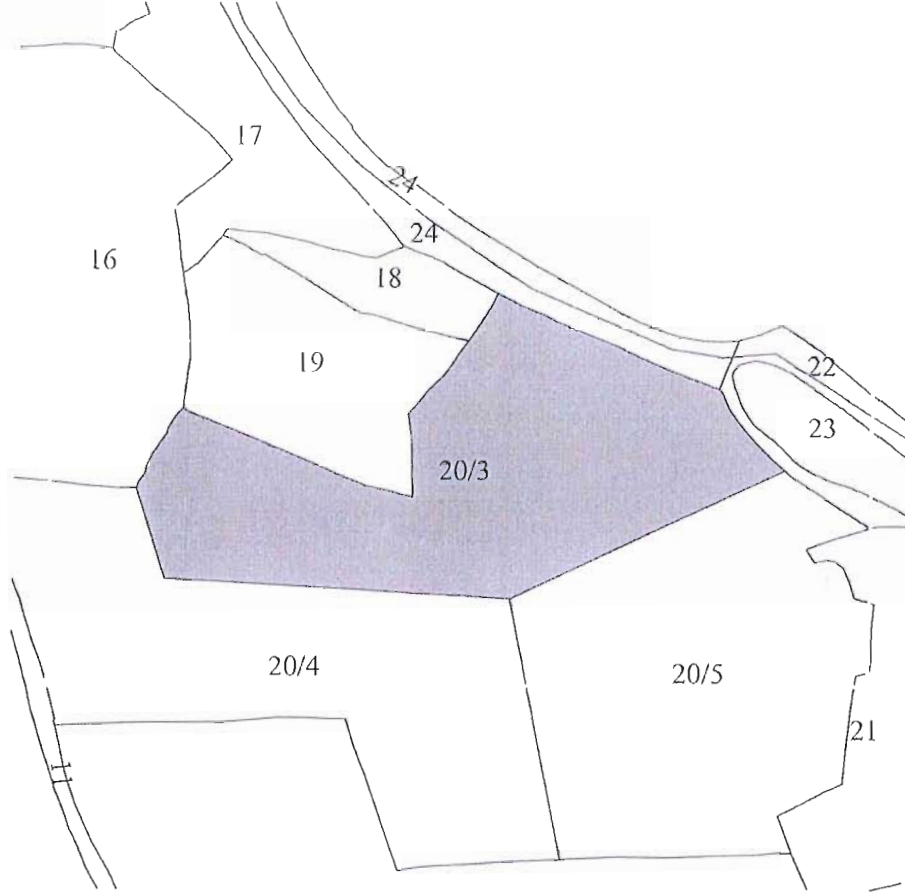
प्रतिलिपि प्रदान करने वाले का हस्ताक्षर

मुख्य अधिकारी
जिला - राजनांदगांव

खसरा नक्शा

दिनांक : 11/01/2018 03:39:54 PM

ग्राम : बरगांव राजस्व निरीक्षक मण्डल : पांडादाह तहसील : खैरागढ़ जिला : राजनांदगांव



मापमान 1:4000

खसरा नंबर : 20/3

धारणाधिकार : शासकीय भूमि

रकबा : 3.962 हेक्टेयर

सिंचित रकबा :

असिंचित रकबा :

नाम : वन विभाग पिता का नाम :

पता : वन मंडल खैरागढ़(छ0ग0)

सक्षम अधिकारी के हस्ताक्षर
व पदमुद्रा

मुख्य अधिकारी
तहसील खैरागढ़
जिला - राजनांदगांव

फॉर्म बी-1 किरतबंदी खातों (आसानीवार)

भूमि का व्योरा हेतुस्थर ने एवं करो का व्योरा रूपले पैसो ने

दिनांक : 11-Jan-2018

वर्ष : 2017-18

जिला : राजनंदगांव

तहसील : डेरागढ़

रा रि : चांडावाह

हल्का : 00001

ग्राम : बरगांव

खता क्रमांक	मू-स्वामी या शासकीय पट्टेदार का नाम	खाते के व्योरे		चाह और बकाया मांग			वसूलियां						खजाने में जमा करने के व्योरे			वर्ष की समाप्ति पर बाकी वसूलियां		जरी की गई बहाल आदेशिका के व्योरे				
		खातों में शामिल प्रत्येक मू-मापन क्र. और खाते का कुल क्षेत्रफल का क्र.	प्रत्येक मू-मापन क्र. का क्षेत्रफल	किरतों के व्योरे	मू- राजस्व	उपकर	योग	भुगतान करने वाले व्यक्ति का नाम	भुगतान करने के योग्य	मू- उपकर	मू- राजस्व	योग	उपकर	मू- राजस्व	योग							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
89	(1) जमान - वन विभाग पता- वन मंडल खैरागढ़ (00000) स्वाभिव - शासकीय भूमि	23	1.092		0.13																	
कुल		1	1.092		0.13	0	0.13															
अर्थ पुस्तिका: नामांतरण क्रमांक 420508.002/13/12/17/21525 आदेश क्रमांक 1324वर्ष 2017/18 / 30 Dec 2017																						

पृष्ठ क्रमांक: 1 / 1

प्रतिलिपि प्रदानकर्ता :- 11-Jan-2018 15:42:18

राजनंदगांव
डेरागढ़
जिला - राजनंदगांव

फॉर्म पी-॥
बैंगल कार्यालय उपयोग हेतु

फसल की जानकारी पिछले वर्ष की के.

तहसील : खैरागढ़

दर: 2017-18

खाना 5 से 11 में रूंदी तथा खरीफ़ की जानकारी हे

भू-आपन क्रमांक	क्षेत्रफल और यदि भूमि खातो में सम्मिलित न हो तो उसके वर्णन)	कच्चेदार का नाम, उसके पिता का नाम या पति का नाम तथा निवास स्थान, अधिकार जिसके अंतर्गत भूमि धारण की गई और देय राजस्व का लगान	*	क्षेत्रफल जिसमें वर्ष के दौरान फसल उगाई गई			पड़ती का क्षेत्रफल			खाते के बाहर के क्षेत्रों में बोई गई फसल का नाम तथा क्षेत्रफल	कींचत
				फसल का नाम	फसल का क्षेत्रफल	टुकड़ियों क्षेत्रफल	चाहूँ वर्ष की पड़ती	2 से 5 वर्ष तक की पड़ती	अन्य पड़ती		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
23	1.092	(1) जाम - वज विभाग पत्ता- बज मंडल खैराबाद(UDPM) स्वाभित्व - शासकीय भूमि									नामांतरण क्रमांक 420308.002/13121721525 आदेश क्रमांक 13124धरो 2017/18 / 30 Dec 2017

प्रतिलिपि प्रदानकर्ता :- 11-Jan-2018 15:45:48

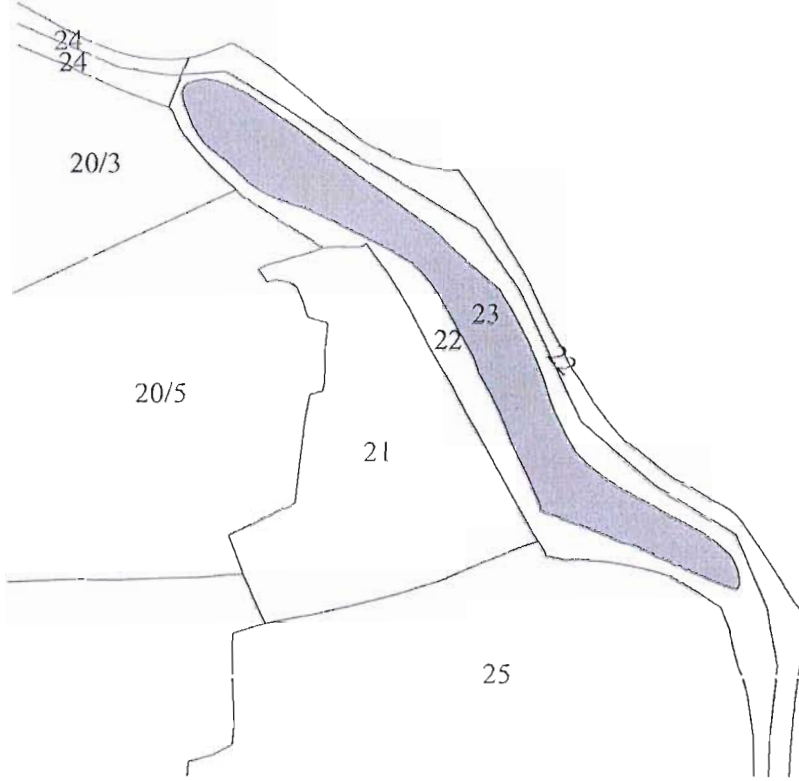
प्रतिलिपि प्रदान करने वाले का हस्ताक्षर

सुभाष चन्द्र बोस
तहसील खैराबाद
जिला - राजन गांव

खसरा नक्शा

दिनांक : 11/01/2018 03:42:22 PM

ग्राम : बरगांव राजस्व निरीक्षक मण्डल : पांडादाह तहसील : खैरागढ़ जिला : राजनांदगांव



मापमान 1:3960

खसरा नंबर : 23
धारणाधिकार : शासकीय भूमि
रकबा : 1.092 हेक्टेयर
सिंचित रकबा :
असिंचित रकबा :

नाम : वन विभाग पिता का नाम :
पता : वन मंडल खैरागढ़(छ0ग0)

मुख्य प्रभारी
तहसील खैरागढ़
जिला - राजनांदगांव

सक्षम अधिकारी के हस्ताक्षर
व पदमुद्रा

दिनांक : 11-Jan-2018

फॉर्म पी-11
(खसरा)

भूमि का ह्योरा हेन्टेयर में एवं करो का ह्योरा रुपये पंतो में
फसल की जानकारी पिछले वर्ष की है

खाना 5 से 11 में रबी तथा खरीफ की जानकारी है

वर्ष: 2017-18

जिला : राजनांदगांव

तहसील : डंरागढ़

रा नि : पांडवाह

हल्का : 00001

ग्राम : बरगांव

भू-मापन क्रमांक	क्षेत्रफल (और यदि भूमि खाली में सम्मिलित न हो तो उसका वर्णन)	कब्जेदार का नाम, उसके पिता का नाम या पति का नाम तथा निवास स्थान, अधिकार जिसके अंतर्गत भूमि धारण की गई और देय राजस्व का लगान	*	क्षेत्रफल जिसमें वर्ष के दौरान फसल उगाई गई			पड़ती का क्षेत्रफल			खाली के बाहर के क्षेत्रों में बोई गई फसल का नाम तथा क्षेत्रफल	कीफियत
				फसल का नाम	फसल का क्षेत्रफल	दुम्कतली क्षेत्रफल	चातू वर्ष की पड़ती	2 से 5 वर्ष तक की पड़ती	अन्य पड़ती		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
126/3	4.821	(1) जॉन - वन विभाग प्लॉट- वन मंडल खैरागढ़ (उ०ग०) स्वामित्व - शासकीय भूमि									नामांतरण क्रमांक 420308.002/100118/00786 आदेश क्रमांक 13725वर्ष 2017/18 / 30 Dec 2017

• किसी भूमि स्वामी या पट्टेदार या किसी मालिकों कारतकार के उपपट्टेदार का नाम, पिता
का नाम, लगान या पट्टे की रकम और उप-पट्टे पर दिया गया भाग का क्षेत्रफल

पृष्ठ क्रमांक: 1 / 1

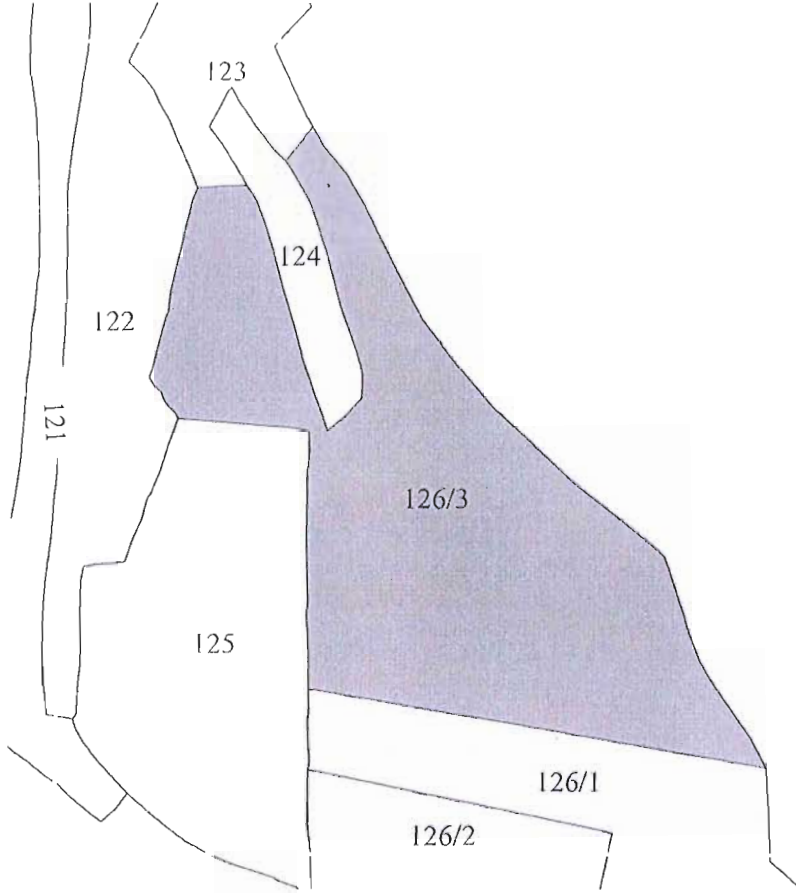
प्रतिलिपि प्रदानकर्ता :- 11-Jan-2018 15:38:36

प्रतिलिपि प्रदान करने वाले का हस्ताक्षर
मुख्य अधिकारी
राजनांदगांव
जिला - राजनांदगांव

खसरा नक्शा

दिनांक : 11/01/2018 03:38:05 P M

ग्राम : बरगांव राजस्व निरीक्षक मण्डल : पांडादाह तहसील : खैरागढ़ जिला : राजनांदगांव



मापमान 1:3960

खसरा नंबर : 126/3
धारणाधिकार : शासकीय भूमि
रकबा : 4.821 हेक्टेयर
सिंचित रकबा :
असिंचित रकबा :

नाम : वन विभाग पिता का नाम :
पता : वन मंडल खैरागढ़(छ0ग0)

सुईया मशायी
तहसील - खैरागढ़
जिला - राजनांदगांव

सक्षम अधिकारी के हस्ताक्षर
व पदमुद्रा

भूनि का व्योरा हेक्टर ने एवं करो का व्योरा रुपये पैरो ने

फॉर्म बी-1 किस्तबंदी खाती (आसानीवार)

दिनांक : 11-Jan-2018

ग्राम : बरगांव

हल्का : 00001

रा ति : पांडादाह

तहसील : खैरागढ़

जिला : राजनांदगांव

वर्ष : 2017-18

खता क्रमांक		खतो के व्योरे		घातू और बकाया मोंग				वस्तुतियों					खजाने में जमा करने के व्योरे				वर्ष की समाप्ति पर बाली		वर्ष की समाप्ति पर वस्तुतियों		योग	भू-राजस्व	उपकर	योग	भू-राजस्व	उपकर	योग	जारी की गई बहाल आदेशिका के व्योरे																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)									(22)	(23)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
90	(1) नाम - वल विभाग पता- वन खंड खैरागढ़ (खोवा) स्वामित्व - शासकीय भूमि	25	6.726		0.13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

पृष्ठ क्रमांक: 1 / 1

प्रतिलिपि प्रदानकर्ता :- 11-Jan-2018 15:42:50

दिनांक : 11-Jan-2018

भूमि का व्योरा हेक्टर में एवं करो का व्योरा रुपये दोनों में

फसल की जानकारी पिछले वर्ष की है

खाना 5 से 11 में रबी तथा खरीफ की जानकारी है

फॉर्म सी-11

कृषि कार्यलय उपयोग हेतु

ग्राम : बरगांव

हल्का : 00001

रा जि : पांडादा

तहसील : खैरागढ़

जिला : राजमहाराष्ट्र

वर्ष : 2017-18

सू-मापन क्रमांक	क्षेत्रफल और यदि भूमि खातो में सम्मिलित न हो तो उसका वर्णन	फसलदार का नाम, उसके पिता का नाम या पति का नाम तथा निवास स्थान, अधिकार जिसके अंतर्गत भूमि धारण की गई और देय राजस्व का लगान	*	(4)	(3)	क्षेत्रफल जिसमें वर्ष के दौरान फसल उगाई गई			पड़ती का क्षेत्रफल			खाते के बाहर के क्षेत्रों में बोई गई फसल का नाम तथा क्षेत्रफल	कैफियत
						फसल का नाम	फसल का क्षेत्रफल	हुकूमतों क्षेत्रफल	चार वर्ष की पड़ती	2 से 5 वर्ष तक की पड़ती	अन्य पड़ती		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		
125	6.726	(1) नाम - वन विभाग पता- वन मंडल खैरागढ़ (UDUGU) स्वायत्त - शासकीय भूमि									एन या साज (टिनिनलिया टोमेटो), नंदुआ (मधुका सेटोकाहिया), सागवान (टोमेटोना गैडिल) सामंतिरप क्रमांक 420308.002/100118/00783 आदेश क्रमांक 1324वर्ष 2017/18 / 30 Dec 2017		

* किसी भूमि स्वामी या पट्टेदार या किसी नौसमी कायतकार के उपपट्टेदार का नाम, पिता का नाम, निवाहन या पट्टे की रकम और उप-पट्टे पर दिया गया भाग का क्षेत्रफल

पृष्ठ क्रमांक: 1 / 1

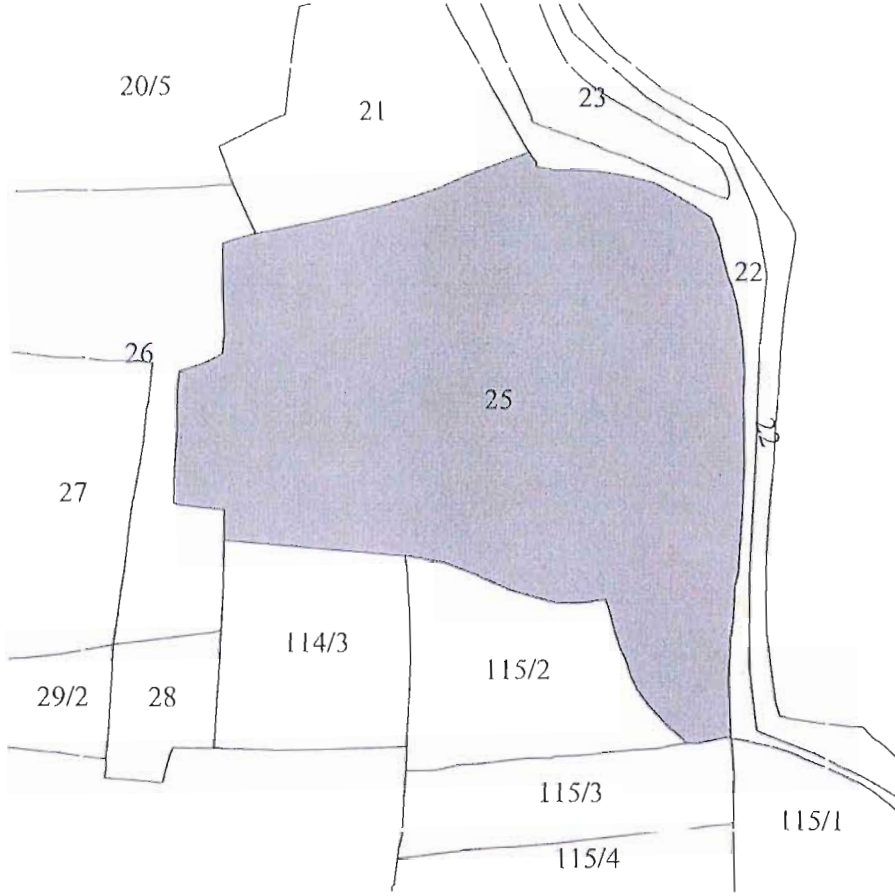
प्रतिलिपि प्रदानकर्ता :- 11-Jan-2018 15:45:09

सुखदेव तिवारी
मुख्य सहायक
तहसील खैरागढ़
जिला - राजमहाराष्ट्र
प्रतिलिपि प्रदान करने वाले का हस्ताक्षर

खसरा नक्शा

दिनांक : 11/01/2018 03:42:52 PM

ग्राम : बरगांव राजस्व निरीक्षक मण्डल : पांडादाह तहसील : खैरागढ़ जिला : राजनांदगांव



मापमान 1:3960

खसरा नंबर : 25
धारणाधिकार : शासकीय भूमि
रकबा : 6.726 हेक्टेयर
सिंचित रकबा :
असिंचित रकबा :

नाम : वन विभाग पिता का नाम :
पता : वन मंडल खैरागढ़(छ0ग0)

शुद्धी प्रमाण
राजस्व निरीक्षक
जिला - राजनांदगांव

सक्षम अधिकारी के हस्ताक्षर
व पदमुद्रा

दिनांक :11-Jan-2018

भूमि का व्यौरा हेक्टेयर में एवं करो का व्यौरा रुपये पैसे में
फसल की जानकारी पिछले वर्ष की है
खाना 5 से 11 में रही तथा खरीफ की जानकारी है

फॉर्म पी-11

कृषि कार्यलय उपयोग हेतु

ग्राम : बरगांव

हल्का : 00001

रा नि : पांडदाह

तहसील : बैरागढ़

वर्ष: 2017-18

जिला : राजनंदगांव

सूचनापत्र क्रमांक	क्षेत्रफल और यदि भूमि खाली में सम्मिलित न हो तो उसका वर्णन	कब्जेदार का नाम, उसके पिता का नाम या पति का नाम तथा निवास स्थान, अधिकार जिसके अंतर्गत भूमि धारण की गई और देश राजस्व का लगान	*	क्षेत्रफल जिसने वर्ष के दौरान फसल उगाई गई			पड़ती का क्षेत्रफल			खाली के बाहर के क्षेत्रों में बोई गई फसल का नाम तथा क्षेत्रफल	कैफियत
				फसल का नाम	फसल का क्षेत्रफल	टुकड़ों की संख्या	चालू वर्ष की पड़ती	2 से 5 वर्ष तक की पड़ती	अन्य पड़ती		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
16	3.743	(1)ग्राम - वन विभाग प्लॉट- वन मंडल बैरागढ़ (UDWD शासन) स्वानिम्ब - शासकीय भूमि									ग्रामांतरण क्रमांक 420308.002/060118/00387 आदेश क्रमांक 1324वर्ष 2017/18 / 30 Dec 2017

* किसी भूमि स्वामी या पट्टेदार या किसी मालिकी जगतदार के उपपट्टेदार का नाम, पिता का नाम, लगान या पट्टे की रकम और उपपट्टे पर दिया गया भाग का क्षेत्रफल

पृष्ठ क्रमांक: 1 / 1

प्रतिलिपि प्रदानकर्ता :- 11-Jan-2018 15:46:31

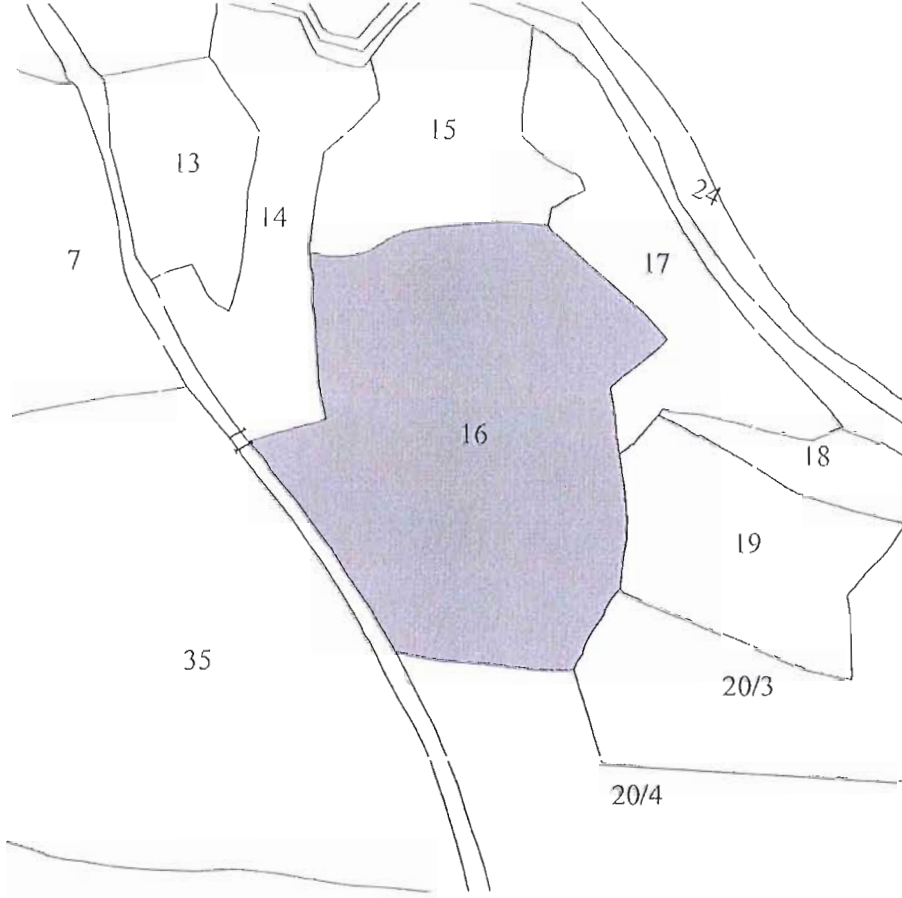
प्रतिलिपि प्रदान करने वाले का हस्ताक्षर

प्रमाणित
तहसील बैरागढ़
जिला - राजनंदगांव

खसरा नक्शा

दिनांक : 11/01/2018 03:41:14 PM

ग्राम : बरगांव राजस्व निरीक्षक मण्डल : पांडादाह तहसील : खैरागढ़ जिला : राजनांदगांव



मापमान 1:3960

खसरा नंबर : 16

धारणाधिकार : शासकीय भूमि

रकबा : 3.743 हेक्टेयर

सिंचित रकबा :

असिंचित रकबा :

नाम : वन विभाग पिता का नाम :

पता : वन मंडल खैरागढ़ (छ0ग0 शासन)

सक्षम अधिकारी की हस्ताक्षर
व पदमुद्रा

सुईलुभायी
राजनील खैरागढ़
जिला - राजनांदगांव

भूमि का व्यापार हेतु घर में एक करो का व्यापार रुपये पैसे में

सॉर्म बी-न किरतबदी खतमी (आसामीवार)

दिनांक : 11-जन-2018

ग्राम : बरगांव

हल्का : 00001

रा ति : पांडादाह

नदसोल : खैरागढ़

जिला : राजनदागांव

वर्ष: 2017-18

खता क्रमांक	मू-स्वामी या शासकीय पट्टेदार का नाम	खते के व्यय		चाहू और बकाया मांग		वसूलियाँ						खजाने में जमा करने के व्यय		वर्ष की समाप्ति पर बाकी वसूलियाँ		वर्ष की समाप्ति पर बाकी	जारी की गई बिलत आदेशिका के व्यय					
		खतो में शामिल प्रत्येक मू-मापन क्र. प्रत्येक मू-मापन क्र. का क्र.	(3)	प्रत्येक क्षेत्रफल और खते का कुल क्षेत्रफल	(4)	किस्तों के व्यय	मू- राजस्व	उपकर	योग	भुगतान करने वाले व्यक्ति का नाम	भुगतान करने वाले व्यक्ति का नाम	भुगतान करने वाले व्यक्ति का नाम	योग	रकम जमा करने वाले व्यक्ति का नाम	उपकर			योग	मू- राजस्व	उपकर	योग	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
88	(1) नाम - वन विभाग मत- वन मंडल खैरागढ़(00000) स्वामित्व -शासकीय भूमि	20/5	3.962		0.05																	
कुल		1	3.962		0.05	0	0.05															

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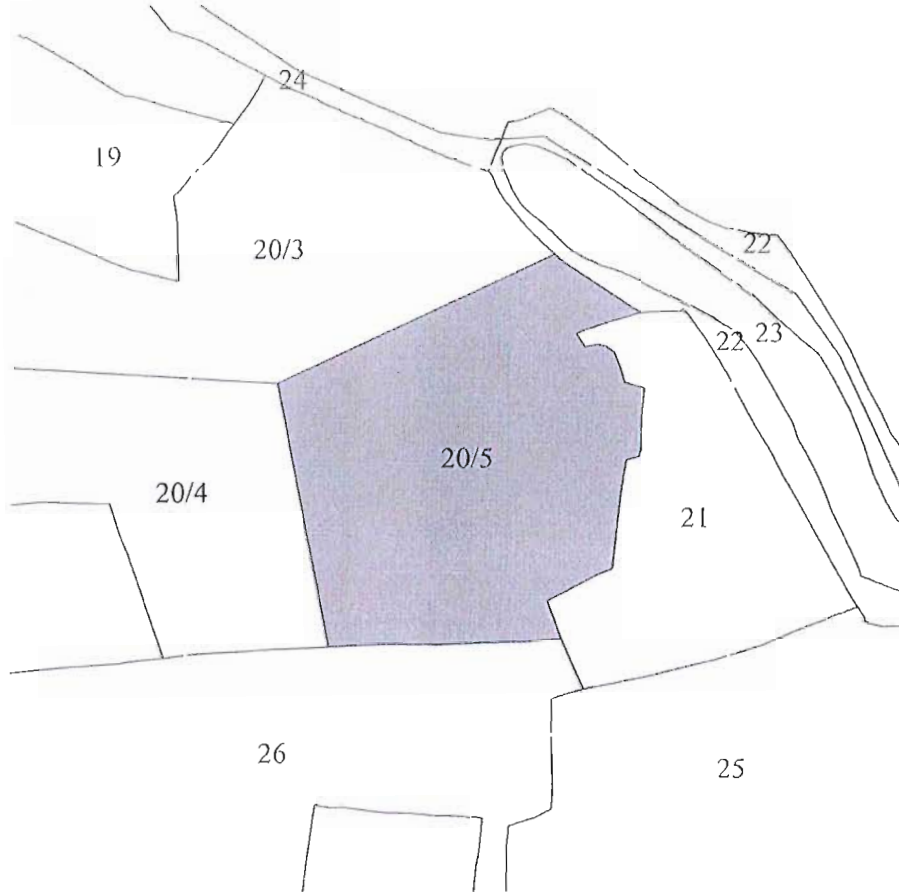
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जिला - राजनदागांव

खसरा नक्शा

दिनांक : 11/01/2018 03:41:51 PM

ग्राम : बरगांव राजस्व निरीक्षक मण्डल : पांडादाह तहसील : खैरागढ़ जिला : राजनांदगांव



मापमान 1:3960

खसरा नंबर : 20/5
धारणाधिकार : शासकीय भूमि
रकबा : 3.962 हेक्टेयर
सिंचित रकबा :
असिंचित रकबा :

नाम : वन विभाग पिता का नाम :
पता : वन मंडल खैरागढ़(छ0ग0)

सक्षम अधिकारी के हस्ताक्षर
व पदमुद्रा

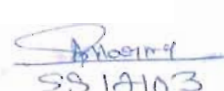
सुनिश्चित
तहसील खैरागढ़
जिला - राजनांदगांव

AGENCY COPY	
NEFT / RTGS CHALLAN for Ad-HOC CAMPA	
Date : 07-11-2017	
Agency Name.	CHHATTISGARH WR TRANSMISSION LIMITED
Application No.	6418820860
Location.	CHATTISGARH
Address.	C-105, Anand Niketan New Delhi South
Amount(in Rs)	34504198/-
Amount in Words :Three Crore Forty-Five Lakh Four Thousand One Hundred and Ninety-Eight Rupees Only	
NEFT/RTGS to be made as per following details;	
Beneficiary Name:	CHATTISGARH CAMPA
IFSC Code:	CORP0000633
Pay to Account No.	150646418820860
Bank Name & Address:	Corporation Bank FCS Bangalore, * Note : The proceeds of the payment will be credited to the respective CAMPA State Account.
• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only	

BANK COPY	
NEFT / RTGS CHALLAN for Ad-HOC CAMPA	
Date : 07-11-2017	
Agency Name.	CHHATTISGARH WR TRANSMISSION LIMITED
Application No.	6418820860
Location.	CHATTISGARH
Address:	C-105, Anand Niketan New Delhi South
* Amount(in Rs)	34504198/-
Amount in Words :Three Crore Forty-Five Lakh Four Thousand One Hundred and Ninety-Eight Rupees Only	
NEFT/RTGS to be made as per following details;	
Beneficiary Name:	CHATTISGARH CAMPA
IFSC Code:	CORP0000633
Pay to Account No.	150646418820860
Bank Name & Address:	Corporation Bank FCS Bangalore, * Note : The proceeds of the payment will be credited to the respective CAMPA State Account.
• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only	

After making successful payment, User Agencies may send a line of confirmation through
Email: helpdeskcampa@corpbank.co.in



 AXIS BANK LTD		ISSUING BRANCH		DATE																	
IFS CODE - UTBI0XXX/735		A/C PAYEE ONLY		<table border="1"> <tr> <td>0</td><td>8</td><td>1</td><td>1</td><td>2</td><td>0</td><td>1</td><td>7</td> </tr> <tr> <td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td> </tr> </table>		0	8	1	1	2	0	1	7	D	D	M	M	Y	Y	Y	Y
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Chhattisgarh - WR Transmission Limited

(Program Under Government of India-Additional System Strengthening scheme for the Chhattisgarh & WR IPP)
7A Sambhuav House, Judges Bungalow Road, Bodakdev, Satellite, Ahmedabad 380015, Gujarat, India

Annexure IV

दिनांक 16/01/2018

क्र. / 49
प्रति,

वन मंडल अधिकारी,
खैरागढ़ वनमंडल खैरागढ़

विषय :- वन संरक्षण अधिनियम 1980 के तहत क्षतिपूर्ति वनीकरण कार्य के लिये आपके वनमंडल अंतर्गत उपलब्ध कराई गई निजी भूमि का अधिसूचना प्रस्ताव भेजने के संबंध में।
संदर्भ :- आपका कार्यालयीन पृ. क्रमांक/न.क्र. 22-11/2226 दिनांक 29.03.2017



महोदय जी,

निवेदन है कि 765 के.व्ही. चांपा-धरमजयगढ़ ट्रांसमिशन लाईन में जांजगीर चांपा वनमंडल की प्रभावित हो रही 23.8803 हे. वनभूमि के विरुद्ध आपके वनमंडल के अंतर्गत निम्नानुसार निजी भूमि खैरागढ़ परिक्षेत्र के उपवृत्त चंगुर्दा, परिसर बरगांव पूर्व के वनकक्ष क्रमांक 328 एवं 324 की सीमा से लगी हुई क्षतिपूर्ति वनीकरण कार्य हेतु उपलब्ध कराई गई थी :-

क्र.	भूमि स्वामी का नाम	ग्राम का नाम	रा.नि.मं.	तहसील	प.ह.न.	खसरा क्रमांक	रकबा एकड़ में	रकबा हे. में.
1	श्री लाल बिरेन्द्र सिंह व. ज्ञानेन्द्र सिंह एवं अन्य 02	बरगांव	पांडादाह	खैरागढ़	01	20/3	29.35	11.886
2	अंकिता सिंह व. प्रेमादित्य एवं अन्य 01	बरगांव	पांडादाह	खैरागढ़	01	25	16.61	6.726
3	श्रीमति शीलादेवी पति मनमोहन सिंह	बरगांव	पांडादाह	खैरागढ़	01	16	9.24	3.743
4	श्री गिरीश सिंह पिता जोधसिंह	बरगांव	पांडादाह	खैरागढ़	01	126/1	17.91	7.252
5	अंकिता सिंह व. प्रेमादित्य	बरगांव	पांडादाह	खैरागढ़	01	123	2.68	1.088
6	अंकिता सिंह व. प्रेमादित्य	बरगांव	पांडादाह	खैरागढ़	01	23	2.69	1.092
7	शीलादेवी पति मनमोहन सिंह	बरगांव	पांडादाह	खैरागढ़	01	115/1	2.28	0.924
योग -							80.76	32.711

उपरोक्त निजी भूमि का डी.जी.पी.एस. सर्वे कार्य कराये जाने के पश्चात संदर्भित पृष्ठांकन के ज्ञापन द्वारा क्षतिपूर्ति वनीकरण उपयुक्तता प्रमाण पत्र एवं रोपण योजना तैयार कर वनमंडल अधिकारी जांजगीर चांपा वनमंडल को प्रेषित किया गया है। जिसकी सूचना संदर्भित पृष्ठांकन द्वारा हमें दी गई है। वन संरक्षण अधिनियम 1980 के तहत आवश्यक प्रस्ताव वनमंडल अधिकारी जांजगीर चांपा वनमंडल द्वारा स्वीकृति के लिये उच्चाधिकारियों को प्रेषित किया गया है प्रथम चरण की स्वीकृति जारी हो चुकी है, छायाप्रति संलग्न है।



संदर्भित पृष्ठांकन में दिये गये निर्देशानुसार निम्नानुसार निजी भूमि की रजिस्ट्री कराकर उसे वन विभाग के नाम पर नामांतरित करते हुए पुनः डी.जी.पी.एस. सर्वे कार्य कराया गया है। निजी भूमि का विवरण निम्नानुसार है :-

क्र.	ग्राम का नाम	रा.नि.मं.	तहसील	प.ह.न.	खसरा क्रमांक	रकबा हे. में.
1	बरगांव	पांडादाह	खैरागढ़	01	20/3	3.962
2	बरगांव	पांडादाह	खैरागढ़	01	25	6.726
3	बरगांव	पांडादाह	खैरागढ़	01	16	3.743
4	बरगांव	पांडादाह	खैरागढ़	01	126/1	2.431
5	बरगांव	पांडादाह	खैरागढ़	01	123	1.088
6	बरगांव	पांडादाह	खैरागढ़	01	23	1.092
7	बरगांव	पांडादाह	खैरागढ़	01	115/1	0.924
8	बरगांव	पांडादाह	खैरागढ़	01	126/3	4.821
9	बरगांव	पांडादाह	खैरागढ़	01	20/5	3.962
योग :-						28.749

इस प्रकार जांजगीर चांपा वनमंडल की प्रभावित हुई 23.8803 हे. वनभूमि के विरुद्ध क्षतिपूर्ति वनीकरण कार्य के लिये 28.749 हे. निजी भूमि आपके वनमण्डल के खैरागढ़ परिक्षेत्र के अधिन जैसा कि ऊपर वर्णित है उपलब्ध कराया जाकर उसका डी.जी.पी.एस. सर्वे कार्य पूर्ण कराकर इस भूमि को वन विभाग के नाम पर नामांतरित करा दिया गया है। अतः इस भूमि को वनभूमि घोषित करने के संबंध में आवश्यक अधिसूचना प्रस्ताव तैयार कर उच्चाधिकारियों को भेजने का आग्रह है।

संलग्न :-

1. डी.जी.पी.एस. प्रतिवेदन 07 प्रति में
2. रजिस्ट्री की मूल प्रति
3. पटवारी का सीमांकन रिपोर्ट
4. तहसीलदार खैरागढ़ द्वारा जारी नामांतरण प्रतिवेदन मूल प्रति में
5. वर्तमान का नक्शा, खसरा एवं बी-1 की मूल प्रति

प्रतिलिपि :-

श्रीमान वनमंडल अधिकारी, जांजगीर चांपा वनमंडल को वनमंडल अधिकारी खैरागढ़ के पत्र क्रमांक 2225 दिनांक 29.03.2017 के पालनार्थ सूचनार्थ सादर प्रेषित।



कार्यालय वनमंडलाधिकारी वनमंडल खैरागढ़ जिला-राजनांदगांव (छ.ग.)

E-Mail :- khairagarhdf@yahoo.com, Phone & Fax - (07820) 234278

क्रमांक/मा.चि./न.क्र. 22-11/
प्रति,

खैरागढ़, दिनांक /01/2018

मुख्य वन संरक्षक (क्षे.)

दुर्ग वृत्त दुर्ग (छ.ग.)

विषय :- क्षतिपूर्ति वनीकरण कार्य के लिये उपलब्ध कराई गई राजस्व भूमि को आरक्षित वन घोषित करने संबंधी अधिसूचना प्रस्ताव बाबत।

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उपरोक्त विषय के संबंध में अवगत हो कि आवेदक संस्थान छत्तीसगढ़ डब्ल्यू.आर. ट्रांसमिशन लिमिटेड अहमदाबाद द्वारा 765 के.व्ही. चांपा-धरमजयगढ़ ट्रांसमिशन लाईन कार्य के लिये जांजगीर चांपा वनमंडल की प्रभावित हो रही 22.1820 हे. वनभूमि के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत आवश्यक प्रस्ताव प्रस्तुत किया गया था। इस प्रस्ताव पर ऑनलाईन पंजीयन क्रमांक FP/CG/TRANS/18820/2016 आबंटित किया गया है।

आवेदक संस्थान द्वारा उपरोक्त प्रभावित हो रही वनभूमि के विरुद्ध क्षतिपूर्ति वनीकरण कार्य के लिये खैरागढ़ वनमंडल के अंतर्गत खैरागढ़ परिक्षेत्र के उपवृत्त चंगुर्दा परिसर बरगांव पूर्व के वनकक्ष क्रमांक पी-328 एवं आर-324 की सीमा से लगी हुई भूमि स्वामियों की निजी भूमि 30.645 हे. उपलब्ध कराने का विनिश्चय किया गया था। इस बाबत क्षेत्र रोपण उपयुक्तता प्रमाण पत्र इस कार्यालय द्वारा पूर्व में दिया गया है।

विषयांकित प्रकरण में भारत सरकार पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय क्षेत्रीय कार्यालय नागपुर के पत्र क्रमांक/FC-II/CH-69/2017-NGP/2559 दिनांक 21.09.2017 द्वारा प्रथम चरण की सैद्धांतिक स्वीकृति जारी की गई है। इस स्वीकृति के अधिरोपित शर्त कंडिका (V) के अनुसार उपरोक्त निजी भूमि को वन विभाग के नाम पर नामांतरित एवं हस्तांतरित किया जाना है तथा शर्त कंडिका (VI) के अनुसार वर्ष 2017-18 के लिये प्रचलित दर के अनुसार क्षतिपूर्ति वनीकरण की राशि एडहाक कैम्पा के खाते में जमा कराया जाना है। इस शर्त के तारतम्य में वन मंडल अधिकारी जांजगीर चांपा वनमंडल द्वारा आवेदक संस्थान को राशि 600222/- रुपये प्रति हे. की प्रचलित दर से 30.645 हे. क्षेत्र में क्षतिपूर्ति वनीकरण कार्य कराये जाने के लिये राशि 183393825/- रुपये तथा शुद्ध प्रत्याशा मूल्य की राशि 16110373/- रुपये इस प्रकार कुल राशि 34504198/- रुपये एडहाक कैम्पा के खाते में जमा कराये जाने हेतु डिमांड नोट जारी किया गया था। आवेदक संस्थान द्वारा उक्त राशि ई-चालान के माध्यम से जमा कराई गई है।

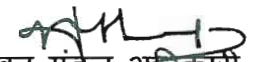
आवेदक संस्थान द्वारा क्षतिपूर्ति वनीकरण कार्य के लिये प्रस्तावित की गई 30.645 हे. निजी भूमि के विरुद्ध वर्तमान में शर्त कंडिका (V) की पूर्ति के लिये विभिन्न खसरों की 28.749 हे. निजी भूमि जो व्यववर्तित की गई वनभूमि 22.1820 हे. से अधिक है, का DGPS सर्वे कार्य कराकर उसे राजस्व प्रकरण क्रमांक 1अ-24 वर्ष 2017-18 तहसीलदार खैरागढ़ के समक्ष प्रस्तुत कर दिनांक 30.12.2017 को वन विभाग के नाम पर नामांतरित कराया गया है। विवरण निम्नानुसार है :-

क्र.	ग्राम का नाम	रा.नि.मं.	तहसील	प.ह.न.	खसरा क्रमांक	रकबा हे. में.
1	बरगांव	पांडादाह	खैरागढ़	01	20 / 3	3.962
2	बरगांव	पांडादाह	खैरागढ़	01	25	6.726
3	बरगांव	पांडादाह	खैरागढ़	01	16	3.743
4	बरगांव	पांडादाह	खैरागढ़	01	126 / 1	2.431
5	बरगांव	पांडादाह	खैरागढ़	01	123	1.088
6	बरगांव	पांडादाह	खैरागढ़	01	23	1.092
7	बरगांव	पांडादाह	खैरागढ़	01	115 / 1	0.924
8	बरगांव	पांडादाह	खैरागढ़	01	126 / 3	4.821
9	बरगांव	पांडादाह	खैरागढ़	01	20 / 5	3.962
योग :-						28.749

अतः क्षतिपूर्ति वनीकरण कार्य के लिये विषयांकित प्रकरण में प्रभावित हो रही वनभूमि के विरुद्ध प्राप्त निजी भूमि जिसे कि वन विभाग के नाम पर नामांतरित किया जा चुका है, को भारतीय वन अधिनियम 1927 की धारा 4 (1) के प्रावधानों के तहत आरक्षित वन घोषित करने संबंधी अधिसूचना प्रस्ताव पांच-पांच प्रतियों में पृथक-पृथक वनखण्डवार क्रमशः 20.409 एवं 8.340 हेक्टेयर का तैयार कर आपके अवलोकनार्थ एवं अग्रिम कार्यवाही हेतु सादर प्रेषित है। विवरण निम्नानुसार है :-

वनखण्ड का नाम	प.ह.नं. एवं ग्राम	खसरा नंबर	क्षेत्रफल (हे. में)	नजदीकी वनकक्ष
आर.एफ. बरगांव पूर्व-2	01 / बरगांव	20 / 3	3.962	पी-328
		20 / 5	3.962	
		23	1.092	
		115 / 1	0.924	
		16	3.743	
		25	6.726	
	योग :-	6	20.409	
आर.एफ. नवागांव दक्षिण-1	01 / बरगांव	126 / 3	4.821	आर-324
		126 / 1	2.431	
		123	1.088	
	योग :-	3	8.340	
	कुलयोग :-	9	28.749	

संलग्न :- उपरोक्तानुसार 05 प्रति


वन मंडल अधिकारी,
(खैरागढ़ वनमंडल खैरागढ़)

पृ.क्र./मा.चि./न.क्र. 22-11/126

खैरागढ़, दिनांक 23/01/2018

प्रतिलिपि :-

(1) वन मंडल अधिकारी जांजगीर चांपा वनमंडल की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु सादर प्रेषित। आवेदक संस्थान द्वारा प्रथम चरण की स्वीकृति के तारतम्य में निजी भूमि को वन विभाग के नाम नामांतरित कर दिया गया है जिसका अधिसूचना प्रस्ताव उपरोक्त ज्ञापन द्वारा उच्चाधिकारियों को भेजा जा रहा है।

(2) आवेदक संस्थान छत्तीसगढ़ डब्ल्यू.आर. ट्रांसमिशन लिमिटेड अहमदाबाद को सूचनार्थ अग्रेषित।


वन मंडल अधिकारी,
(खैरागढ़ वनमंडल खैरागढ़)

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015,
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that the additional NPV shall be paid, if so determined as per the final decision of Hon'ble Supreme Court of India.

For, Chhattisgarh-WR Transmission Limited.



(Manoj Deshmukh)
Director

Date: 27.01.2018.
Place: Ahmedabad

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015,
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that no approach road will be constructed in the forest area for transportation of steel and other material required for the transmission line. As far as possible M/s. Chhattisgarh-WR Transmission Limited will use the existing road and the proposed ROW for the transportation of the material and in the event of non-availability of such facilities, the M/s. Chhattisgarh-WR Transmission Limited will transport material manually without construction of any path

For, Chhattisgarh-WR Transmission Limited.



(Manoj Deshmukh)
Director

Date: 27.01.2018.

Place: Ahmedabad

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that no Labour camp will be established on forest land during / after construction of transmission line.

For, Chhattisgarh-WR Transmission Limited.



(Manoj Deshmukh)
Director

Date: 27.01.2018.
Place: Ahmedabad

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that will provide firewood preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas

For, Chhattisgarh-WR Transmission Limited.

Date: 27.01.2018.

Place: Ahmedabad



(Manoj Deshmukh)
Director

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

- xiv. The boundary of the diverted forest land shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar;

UNDERTAKING

The boundary of the diverted forest land demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar under the supervision of forest department. M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that if any additional fund raised by forest department for the same will be paid as applicable.

For, Chhattisgarh-WR Transmission Limited.

(Manoj Deshmukh)
Director



Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that the forest land will not be used for any other purpose than that specified in the proposal.

For, Chhattisgarh-WR Transmission Limited.


(Manoj Deshmukh)
Director

Date: 27.01.2018.

Place: Ahmedabad

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that the no damage will be caused to the wildlife available in the area.

For, Chhattisgarh-WR Transmission Limited.



(Manoj Deshmukh)
Director

Date: 27.01.2018.
Place: Ahmedabad

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that the comprehensive soil conservation measures will be taken up at the project cost in consultation with the State Forest Department, as may be applicable.

For, Chhattisgarh-WR Transmission Limited.



(Manoj Deshmukh)
Director

Date: 27.01.2018.
Place: Ahmedabad

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that the forest land proposed to be diverted will under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government

For, Chhattisgarh-WR Transmission Limited.

Date: 27.01.2018.

Place: Ahmedabad


(Manoj Deshmukh)
Director

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that we will install circuit breakers at suitable places besides maintain necessary ground clearance to prevent electrocution of wild animals.

For, Chhattisgarh-WR Transmission Limited.



(Manoj Deshmukh)
Director

Date: 27.01.2018.
Place: Ahmedabad

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that tree felling will be done only when it is unavoidable and that too under strict supervision of the State Forest Department.

For, Chhattisgarh-WR Transmission Limited.



(Manoj Deshmukh)
Director

Date: 27.01.2018.
Place: Ahmedabad

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that...

- a) Below each conductor, width clearance of 10 meters will be maintained for carrying the tension stringing equipment. The trees on such strips will be felled after stringing work is completed, the natural regeneration will be allowed to come up
- b) One outer strip will be left clear to permit maintenance of the transmission line
- c) In the remaining width the right of way felling/pollarding/pruning of trees will be done with the permission of the local forest officer whenever necessary to maintain the electrical clearance, trees will be allowed to be felled or lopped to the extent required, for preventing electrical hazards by maintaining the minimum 9.0 meter clearance between conductors and trees. The sag and swing of the conductors are to be kept in view while working out the minimum clearance mentioned as above
- d) In consultation with the State Forest Department prepare a detailed scheme for creation and maintenance of plantation of dwarf species (preferably medicinal plants) in right of way under the transmission line, and provide funds for execution of the said scheme to the State Forest Department; and
- e) In case a portion of the transmission lines to be constructed is located in hilly areas, where adequate clearance is already available, trees will not be cut;

For, Chhattisgarh-WR Transmission Limited.



(Manoj Deshmukh)
Director

Date: 27.01.2018.

Place: Ahmedabad

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

xxv. The user agency in consultation with the State Government shall create and maintain alternate habitat/home for the avifauna, whose nesting trees are to be cleared in this project. Bird's nests artificially made out of eco-friendly material shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the project;

UNDERTAKING

A detailed survey carried out by M/s. Bio Diversity Society of Chhattisgarh, Raipur for providing of alternate re-habitat for avifauna with artificially made eco-friendly material to compensate the loss to the avifauna base of the affected area as per the recommendations of report Rs. 16,60,000/- paid for implementation of the same and report enclosed as **Annexure XVII**. M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that additional fund paid by forest department in implantation of same will be paid if applicable.

For, Chhattisgarh-WR Transmission Limited.

(Manoj Deshmukh)
Director



PRELIMINARY SURVEY REPORT ON
PROVIDING OF ALTERNATE REHABITAT FOR AVIFAUNA
WITH ARTIFICIALLY MADE ECO-FRIENDLY MATERIAL
WITHIN CORRIDOR OF PROPOSED 765 KV S/C
CHAMPA DHARAMJAYGARH TRANSMISSION LINE OF CWRTL
(TOTAL FOREST AREA 22.182 HECTARE APPROX)
FOREST PROPOSAL NO. : FP/CG/TRANS/18820/2016



Submitted by



BIO DIVERSITY SOCIETY OF CHHATTISGARH

Raipur - 492 001



Index

S.No.	Topic	Page No.
1	Acknowledgement	1
2	Report, a Summary	2
3	State Biodiversity (Flora & Fauna)	4
4	Chhattisgarh ; Status	5
6	Aims and Objects of the Project	7
7	Area Covered in the project	8
8	Estimation of Flora Loss	9
9	Step by step Procedural methodology	10
10	Analysis of the Data	11
11	Status of IUCN	15
12	Records of Nest Found in the proposed area	16
13	Deforestation and its impact and Mitigation Measures	17
14	Nest and their Proposed types	18
15	Nests required to compensate the Loss	19
16	Comensation, Suggestion and Recommendation	20
17	Annexure : Project proposal for Nest Installation	21
18	Bibliography	24
19	Conclusion	25
20	Birds Gallery	26





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Also thanks to several others, who spared their valuable time in conducting the survey and assistance in other works, directly or indirectly.





Report, a summary

The Ministry of Power, Government of India has initiated a scheme for development of Transmission System for evacuation of power from various Generating Stations, Transmission of Power from Pooling Stations to Other Grid Stations up to Load Centres & Strengthening of Transmission Network across state.

CHHATTISGARH WESTERN REGION TRANSMISSION LIMITED (CWRTL) is laying 765 KV D/C transmission line vide Forest proposal No. Proposal No: FP/CG/TRANS/18820/2016.

Regional office Nagpur of Ministry of Environment, Forests and Climate Change (Forest Conservation Division) GOI vide their communication No. FC - II/CH-69/2017-NGP/2559 Dt. 21/9/2017 have inserted following clause to permit forest clearance.

Condition XXV - "The user agency in consultation with the State Government shall create and maintain alternate habitat/home for the avifauna, whose nesting trees are to be cleared in this project. Bird's nests artificially made out of eco-friendly material shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the project;"

In accordance with the aforesaid transmission line CWRTL has asked Chhattisgarh Biodiversity Society to do a survey work and compensate the loss to the avifauna base of the affected area.

CHHATTISGARH WESTERN REGION TRANSMISSION LIMITED (CWRTL) 765 KV D/C transmission line has vide their Service Order (SO) No. 5700218434 asked Chhattisgarh Biodiversity Society to Provide consultancy service & to carry out survey for avifauna in forest & surroundings and to determine & submit project reports to provide alternate Re-habit for avifauna with artificially made eco-friendly materials.

During our study we noticed maybe due to global change in environment pattern and change/delay in monsoon this year only few of the migratory species had arrived, out of our estimated calculation about only 10% migratory species were recorded. (Detailed and extensive survey of the area may be required to achieve at a conclusive figure) Of the nests which were sighted/recorded about 55% of the nest were on Trees /canopy, 22% use natural/self made holes in trees, 14% on ground and rest on cliffs and human settlements. Following types of nests are suggested for installation as suitable places, based on the data acquired of the field survey as mentioned earlier.





Various roosting sites and nests of Cattle Egret, Jungle owlet, Spotted owlet, Baya weaver, Common Myna & Bhramny Starlings were documented. Resident birds like Pied bushchat, crows etc. were commonly sighted.

Although bird's acceptance of artificial nests is very low, but it has been observed that with proper care and scientific approach their chance of acceptance is increased considerably. Types of nest suggested can be of clay nests, Wooden boxes with opening, logs with natural holes, creation of Soil & gravel mounds, Wooden Platforms. **It is important that the maximum area be kept intact as far as possible.**

18 old abandoned inactive nests were found, various roosting sites of Cattle Egrets, Little Cormorants, Common Myna, Aisan Pied Starlings & House Sparrows were documented. Resident birds like Pied bushchat, crows etc. were commonly sighted.

Trees and shrubs play a major part in the food base of the birds, felling of big trees which would fall on the ground will destroy this foodbase, many bird friendly trees/shrubs (fruit bearing etc.) can be planted to compensate this loss.

As per the permission issued by Regional office MoEF & CC Nagpur below each conductor, width clearance of 3 meters would be permitted for carrying the tension stringing equipment. The trees on such strips may be felled but after stringing work is completed, the natural regeneration will be allowed to come up.

In the remaining width the right of way felling/pollarding/pruning of trees will be done with the permission of the local forest officer whenever necessary to maintain the electrical clearance, trees shall be allowed to be felled or lopped to the extent required, for preventing electrical hazards by maintaining the minimum 9.0 meter clearance between conductors and trees. The sag and swing of the conductors are to be kept in view while working out the minimum clearance mentioned as above.

To add to the compensation few water bodies can be created along the line or in near vicinity so that rainwater and water from other sources viz. natural springs etc. are collected in it and can be of great help to the birds/animals of the area.

Seperate programs or drives can be formulated and implemented for the awareness of the villagers to protect and to minimize threat to the avifauna species found in the area.

Every effort is made to compensate the environmental impact on the avifauna. A holistic approach is therefore kept in mind to create this report.

To add to the compensation few water bodies can be created along the line or in near vicinity so that rainwater and water from other sources viz. natural springs etc. are collected in it and can be of great help to the birds/animals of the area.

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State Biodiversity (Flora& Fauna)

The state of Chhattisgarh being placed in Deccan bio-geographical Area, houses an important part of that rich and unique biological diversity. What is more conspicuous is that the state is significantly rich in endemism with respect to many plants having medicinal importance. The forests of the state fall under two major forest



types, i.e., Tropical Moist Deciduous forest and the Tropical Dry Deciduous forest. The state of Chhattisgarh is endowed with about 22 varied forest sub-types existing in the state. Sal (*Shorea Robusta*) and Teak (*Tectona grandis*) are the two major tree species in the state. Other notable overwood species are Bija (*Pterocarpus marsupium*), Saja (*Terminalia tomentosa*), Dhawra (*Anogeissus latifolia*), Mahua (*Madhuca indica*), Tendu (*Diospyros melanoxylon*) etc. Amla (*Embilica officinalis*), Karra (*Cleistanthus collinus*) and bamboo (*Dendrocalamus strictus*) constitute a significant chunk of middle canopy of the state forests. From the management point of view, there are four types of forests in the state of Chhattisgarh. These are Teak, Sal, Miscellaneous and Bamboo forests. The variation in the genetic composition of individuals within or among floristic and faunal species is large.

Some distinct varieties of common birds are also found in Bastar. For instance, the Jungle Crow is pitch dark and slightly larger than the domestic crow. It has a heavy-duty bill and a deep and hoarse "caw." It is more audacious in attacking the nests of gentler birds and even the pups of smaller animals. Its movement in the forest often leads to tiger or panther kills.

Other species of avifauna include partridges (which nest in shrubs outside villages and run almost as fast as they fly), cattle egret, pond heron, babblers, parrots and parakeets, blue jay, wagtails, quails (both black and grey varieties), bulbul, koel, fly catchers, woodpeckers, sun bird and weaver bird.

Major wildlife species include blue bull, Chinkara, black buck, Sambhar, Barking Deer, wild dog, wild boar, jackals, hyena, and crocodiles. Panthers are distributed almost all over Bastar, especially in the Northern plains. Indian sloth bears are in the Northern plains around Kanker and in the Southern part around Bailadila. Crocodiles are in the riverine ponds in the Kanger Valley National Park at Bhaissadarha.





Chhattisgarh; Status

Chhattisgarh is located in Central India. The state shares its border with Madhya Pradesh and Maharashtra in the west, Uttar Pradesh in the north, Odisha and Jharkhand in the east and Andhra Pradesh in the south.

Chhattisgarh is presently one of the few states that have surplus power. Korba district in Chhattisgarh is known as the power capital of India. It is also among the few profitable states in terms of utility-based electricity. By the end of 2016-17, Chhattisgarh has planned to achieve installed power generation capacity of 30,000 MW. The gross state domestic product (GSDP) of Chhattisgarh is expected to reach US\$ 47.75 billion in FY 2018 from US\$ 36.6 billion in FY 2015. The GSDP of

the state grew at a compound annual growth rate (CAGR) of 11.83 per cent between 2004-05 and 2015-16.

Mineral resources are Chhattisgarh's biggest strength. Chhattisgarh is a leading producer of minerals such as coal, iron ore and dolomite, accounting for about 22.6 per cent, 19.8 per cent and 36.5 per cent of India's production, respectively. Moreover, considerable reserves of bauxite, limestone and quartzite are available in the state. Chhattisgarh is the only state in India that produced tin concentrates. The state accounts for 35.4 per cent of tin ore reserves of India.

Chhattisgarh has emerged as one of the most preferred investment destinations in India. The state has been acclaimed as "one of the best fiscally managed states" by the Reserve Bank of India (RBI). The state attracted cumulative FDI worth US\$ 1.29 billion from April 2000-March 2016.

A wide range of fiscal and policy incentives for businesses have been announced under its Industrial Policy, 2014-19. Additionally, the state has well-drafted policies for the IT/ITeS, solar energy, agro and food processing, minerals and biotechnology sectors. Chhattisgarh stands fourth among Indian states in rankings based on ease of doing business and reforms implementation, according to a study by the World Bank and KPMG.





Chhattisgarh; Status (Cont.)

Key Sectors:

Mining: Chhattisgarh is the only state in India to produce tin concentrates and accounts for 36 per cent of the country's tin ore reserves. Dante Wada is the sole district producing tin from 6 mines. The state accounts for 4 per cent and 36.5 per cent of the country's diamond and dolomite reserves, respectively. It ranks among the top coal, tin and dolomite production states in the country.

Iron and Steel: Chhattisgarh is the iron & steel hub of the country. The Bhilai steel plant of Steel Authority of India Ltd (SAIL) produces more than 3.153 million tonnes of saleable steel per annum.

Cement: Chhattisgarh has abundant limestone reserves that support a strong cement sector. Chhattisgarh accounts for around 5.4 per cent of the total limestone reserves in India.



Factfile

Capital: Raipur

Geographical Area (sq km): 137,898

State Language: Chhattisgarhi, Hindi and English

Literacy Rate: 70.3 per cent

Key Industries: Mining, iron and steel, cement, power, IT and ITeS and Biotechnology





Aims and Object of the Project

CHHATTISGARH WESTERN REGION TRANSMISSION LIMITED (CWRTL) is laying 765 KV D/C transmission line vide Forest proposal No. Proposal No: FP/CG/TRANS/18820/2016.

Regional office Nagpur of Ministry of Environment, Forests and Climate Change (Forest Conservation Division) GOI vide their communication No. FC-II/CH-69/2017-NGP/2559 Dt. 21/9/2017 have inserted following clause to permit forest clearance.

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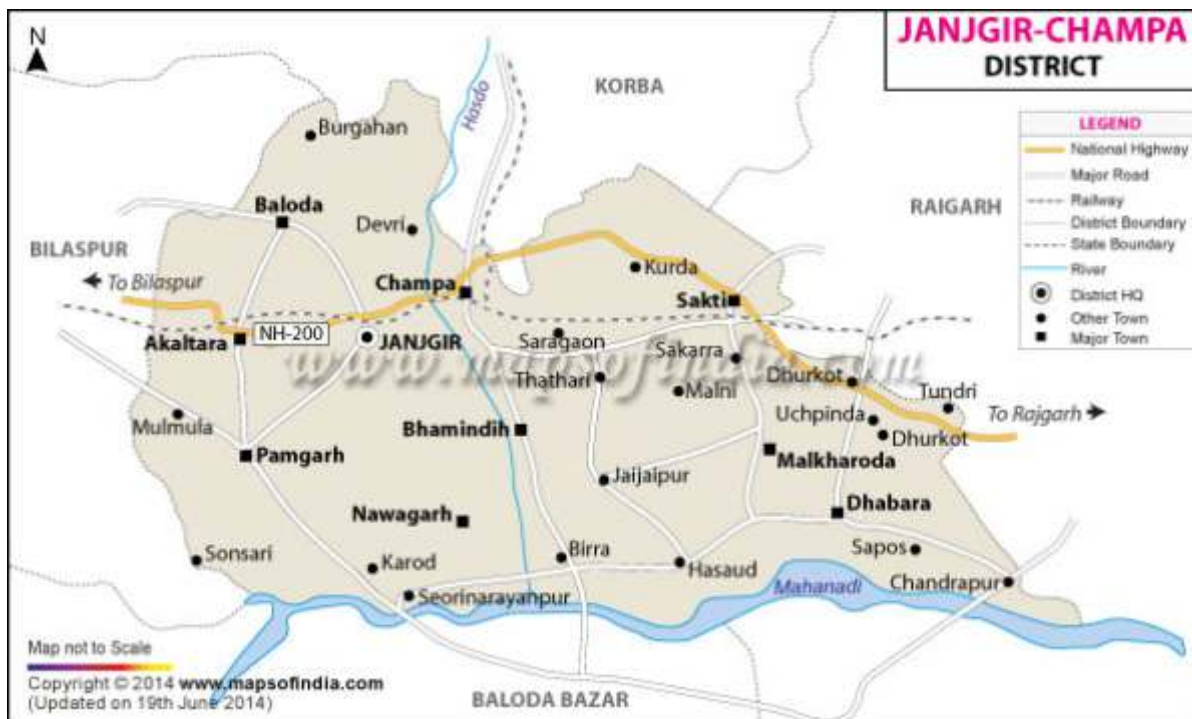
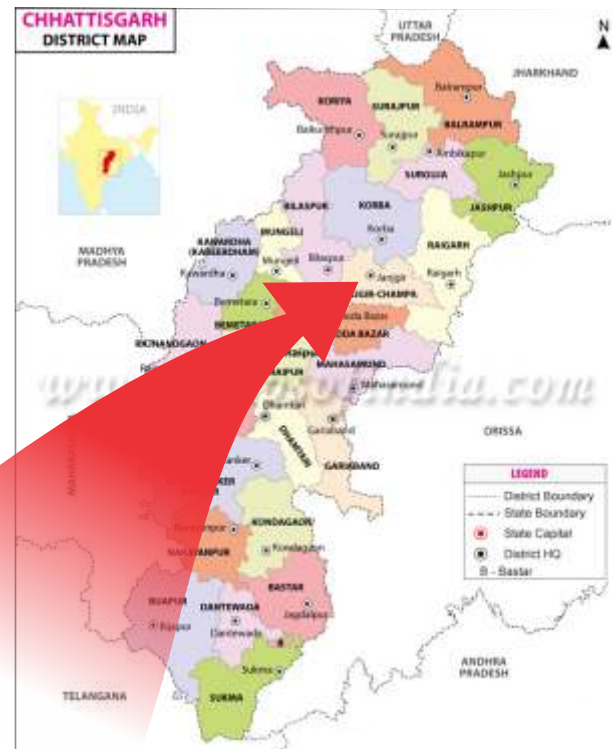
The aims and objects of the project, are to carry out survey for avifauna in 22.182 Hect forest under the ROW of proposed Rajnandgaon Warora Transmission line in Rajnandgaon district and surroundings and to determine and submit project reports for providing of alternate Re-habit for avifauna with artificially made eco-friendly materials as per guidelines/ Schemes of Govt. of India Ministry of Environment & Forest.





Area covered in the Project

Village	Forest Land(ha.)
Forest Between Parsada Village and Pahariya Village	1.5454
Gatwa	6.5389
Forest Between Gatwa Village and Kandra Comp. 75	4.0402
Chitapalli	1.6256
Forest Between Pantora, Kanki, Pantora, Chitapalli	6.9856
Bokramunda	0.0794
Kandra	1.3668
Total	22.182



Nests of most of the birds are lost in the felling of trees. Artificial nest mounts can compensate the loss to a great extent.





Estimation of Flora

S. No.	Scientific Name	Local Name	TOTAL
1	Tamarindus Indica	imli	1
2	Terminalia Arjuna	kahua	177
3	Mangifera Indica	mango	4
4	Diosporus Melanoxylon	tendu	91
5	Syzigium Cumini	Jam, Jamun	7
6	Albizia Labbeck	sirsha	13
7	Others	kusum	9
8	Butea Monosperma	palas	440
9	Ficus Religiosa	pipal	2
10	Ficus benghalensis	bargarth	2
11	Terminalia Bellarica	Bahera	13
12	Madhuca indica	Mahua	54
13	Shorea Robusta	sarai	524
14	Samanea Saman	semar, semhal	14
15	Aegle Marmelos	bel	3
16	Zizyphus Jujuba	ber	18
17	Azadirachta Indica	neem, mahaneem	49
18	Sal	sal	8
19	Tectona Grandis	sagwan	35
20	Dalbergia Latifolia	shisam	1
21	Others	Dumar	3
22	Bamboo	bamboo	1
23	Others	kasai	1
24	Gmelina Arborea	khambar	24
25	Others	chind	13
26	Others	ghunja, gaunja	212
27	Others	bhinda, birha	11
28	Others	kaisar, chiranjivi, g andhirwa	99
29	Others	konar	1
30	Others	mudi	7
31	Others	ginjan, anjan	3
32	Babul	babul, bambri	50
		TOTAL TREES	1890

CHAMPA DHARAMJAYGARH TRANSMISSION LINE OF CWRTL
(TOTAL FOREST AREA 22.182 HECTARE APPROX)



Step by step procedural methodology

CHHATTISGARH WESTERN REGION TRANSMISSION LIMITED (CWRTL) is laying 765 KV D/C transmission line.

The project proposes to determine and submit project reports for providing of alternate Re-habit for avifauna with artificially made eco-friendly materials as per guidelines/ Schemes of Govt. of India Ministry of Environment & Forest.

The Methodology uses are as under.

1. Identification of the proposed area.
2. Planning and scheduling a through visit to the site along with experts of relevant fields. (Botanists, Avifauna experts, researchers etc.)
3. Recording acoustic samples for later reference.
4. Making sketches of the Flora/fauna of the region for exact identification.
5. Photographing the Avian and floral species of the proposed area to document and mitigate later.
6. Detailed data recording of the sightings as per scientific methods.
7. Detailed record keeping of the Geo-Sat. data for future reference.
8. Analyze the recorded statistical data collected in a proper scientific manner.





Analysis of the Data

The District Head Quarter of Janjgir-Champa is in Janjgir, which is situated on National Highway 49. Janjgir is 65 KM. away from Bilaspur and 175 KM from State capital Raipur through road route. District head quarter Janjgir is also connected with Rail Line of South-Eastern-Central Railway. It is situated on Hawarah-Mumbai main line. State capital Raipur is 152 KM. from Janjgir through Rail route. The railway station of district Janjgir is Naila and Champa.

The proposed laying of 765 KV Champa-Dharamjaygarh line, which passes through 22.182 Hect of forest of Janjgir lies in the Geo Sat coordinates of $22^{\circ}16'5.32''\text{N}$ $82^{\circ}45'33.29''\text{E}$ and $21^{\circ}58'3.250''\text{N}$ $82^{\circ}29'22.70''\text{E}$.

The survey was done on Foot as well as in vehicle as was practically possible in the areal line of proposed 765 KV Champa-Dharamjaygarh line.

The Avian species found in the forest covered area and the non forest coverd area were recorded and analysed. The analysis of the data establised is as follows.

Cont.





List of Birds sighted at the proposed 765 KV Champa-Dharamjaygarh line site area.

S. No.	Common Name	Scientific Name	Family	IUCN
1	BLACK KITE	<i>Milvus migrans</i>	Accipitridae	LC
2	BLACK WINGED KITE	<i>Elanus caeruleus</i>	Accipitridae	LC
3	ORIENTAL HONEY-BUZZARD	<i>Pernis ptilorhynchus</i>	Accipitridae	LC
4	WHITE EYED BUZZARD	<i>Butastur teesa</i>	Accipitridae	LC
5	CRESTED SERPENT EAGLE	<i>Spilornis cheela</i>	Accipitridae	LC
6	SHIKRA	<i>Accipiter badius</i>	Accipitridae	LC
7	COMMON IORA	<i>Aegithina tiphia</i>	Aegithinidae	LC
8	ASHY-CROWNED SPARROW LARK	<i>Eremopterix grisea</i>	Alaudidae	LC
9	CHESTNUT SHOULDRED PETRONIA	<i>Petronia xanthocollis</i>	Alaudidae	LC
10	ROUFUS TAILED LARK	<i>Ammonanes phoenicura</i>	Alaudidae	LC
11	THICK-BILLED FLOWERPECKER	<i>Dicaeum agile</i>	Alaudidae	LC
12	COMMON KINGFISHER	<i>Alcedo atthis</i>	Alcedinidae	LC
13	PIED KINGFISHER	<i>Ceryle rudis</i>	Alcedinidae	LC
14	WHITE THROATED KINGFISHER	<i>Halcyon smymensis</i>	Alcedinidae	LC
15	COTTON PIGMY GOOSE	<i>Nettapus coromandelianus</i>	Anatidae	LC
16	LESSER WHISTLING DUCK	<i>Dendrocygna javanica</i>	Anatidae	LC
17	GREAT EGRET	<i>Ardea alba</i>	Ardeidae	LC
18	INDIAN POND HERON	<i>Ardeola grayii</i>	Ardeidae	LC
19	INTERMEDIATE EGRET	<i>Mesophoyx intermedia</i>	Ardeidae	LC
20	LITTLE EGRET	<i>Egretta garzetta</i>	Ardeidae	LC
21	CATTLE EGRET	<i>Bubulcus ibis</i>	Ardeidae	LC
22	BLACK CROWNED NIGHT HERON	<i>Nycticorax nycticorax</i>	Ardeidae	LC
23	INDIAN GRAY HORNBILL	<i>Ocyrceros birostris</i>	Bucerotidae	LC
24	COMMON WOODSHRIKE	<i>Tephrodromis pondicerianus</i>	Campephagidae	LC
25	LARGE CUCKOO SHRIKE	<i>Coracina macei</i>	Campephagidae	LC
26	RED WATTLED LAPWING	<i>Vanellus indicus</i>	Charadriidae	LC
27	OPEN BILL STORK	<i>Anastomus oscitans</i>	Ciconiidae	LC
28	PLAIN PRINIA	<i>Prinia inornata</i>	Cisticolidae	LC
29	ASHY PRINIA	<i>Prinia socialis</i>	Cisticolidae	LC
30	EURASIAN COLLERED DOVE	<i>Streptopelia decaocto</i>	Columbidae	LC
31	INDIAN NIGHTJAR	<i>Caprimulgus asiaticus</i>	Columbidae	LC
32	LAUGHING DOVE	<i>Spilopelia senegalensis</i>	Columbidae	LC
33	ROCK PIGEON	<i>Columba livia</i>	Columbidae	LC
34	SPOTTED DOVE	<i>Spilopelia chinensis</i>	Columbidae	LC
35	INDIAN ROLLER	<i>Coracias benghalensis</i>	Coraciidae	LC
36	INDIAN CROW	<i>Corvus splendens</i>	Corvidae	LC
37	JUNGLE CROW	<i>Corvus macrorhynchos</i>	Corvidae	LC
38	LARGE BILLED CROW	<i>Corvus macrorhynchos</i>	Corvidae	LC
39	ASIAN KOEL	<i>Eudynamis scolopaces</i>	Cuculidae	LC
40	COMMON HAWK CUCKOO	<i>Hierococcyx varius</i>	Cuculidae	LC
41	SOUTHERN COUCAL	<i>Centropus sinensis</i>	Cuculidae	LC
42	BLACK DRONGO	<i>Dicrurus macroceru</i>	Dicruridae	LC
43	INDIAN SILVER BILL/MUNIA	<i>Euodice malabarica</i>	Estrildidae	LC
44	RED AVADAVAT	<i>Amandava amandava</i>	Estrildidae	LC
45	SCALY BREASTED MUNIA	<i>Lonchura punctulata</i>	Estrildidae	LC
46	TRI COLORED MUNIA	<i>Lonchura malacca</i>	Estrildidae	LC
47	COMMON KESTREL	<i>Falco tinnunculus</i>	Falconidae	LC
48	BARN SWALLOW	<i>Hirundo rustica</i>	Hirundininae	LC
49	RED RUMPED SWALLOW	<i>Cecropis daurica</i>	Hirundininae	LC





S. No.	Common Name	Scientific Name	Family	IUCN
50	WIRE TAILED SWALLOW	<i>Hirundo smithii</i>	<i>Hirundininae</i>	LC
51	LONG-TAILED SHRIKE	<i>Lanius Schach</i>	<i>Laniidae</i>	LC
52	SOUTHERN GREY SHRIKE	<i>Linus meridionalis</i>	<i>Laniidae</i>	LC
53	LONG TAILED SHRIKE	<i>Lanius schach</i>	<i>Laniidae</i>	LC
54	COMMON BABLER	<i>Turdoides caudata</i>	<i>Leiothrichidae</i>	LC
55	BROWN SHRIKE	<i>Lanius cristatus</i>	<i>Malaconotidae</i>	LC
56	COPPER SMITH BARBET	<i>Megalaima haemacephala</i>	<i>Megalaimidae</i>	LC
57	BROWN HEADED BARBET	<i>Psilopogon zeylanicus</i>	<i>Megalaimidae</i>	LC
58	GREEN BEE EATER	<i>Merops orientalis</i>	<i>Meropidae</i>	LC
59	BLACK NAPED MONARCH	<i>Hypothymis azurea</i>	<i>Monarchidae</i>	LC
60	INDIAN PARADISE FLYCATCHER	<i>Terpsiphone paradisi</i>	<i>Monarchidae</i>	LC
61	GRAY WAGTAIL	<i>Motacilla cinerea</i>	<i>Motacillidae</i>	LC
62	PADDY FEILD PIPIT	<i>Anthus rufulus</i>	<i>Motacillidae</i>	LC
63	TREE PIPIT	<i>Anthus trivialis</i>	<i>Motacillidae</i>	LC
64	INDIAN ROBIN	<i>Copsychus fulicatus</i>	<i>Muscicapidae</i>	LC
65	ORIENTAL MAGPIE ROBIN	<i>Copsychus saularis</i>	<i>Muscicapidae</i>	LC
66	PIED BUSH CHAT	<i>Saxicola caprata</i>	<i>Muscicapidae</i>	LC
67	RED BREASTED FLY CATCHER	<i>Ficedula parva</i>	<i>Muscicapidae</i>	LC
68	TICKELL'S BLUE	<i>Cyornis tickelliae</i>	<i>Muscicapidae</i>	LC
69	PURPLE RUMPED SUNBIRD	<i>Leptocoma zeylonica</i>	<i>Nectariniidae</i>	LC
70	PURPLE SUNBIRD	<i>Cinnyris asiaticus</i>	<i>Nectariniidae</i>	LC
71	GOLDEN ORIOLE	<i>Oriolus kundoo</i>	<i>Oriolidae</i>	LC
72	INDIAN GOLDEN ORIOLE	<i>Oriolus kundoo</i>	<i>Oriolidae</i>	LC
73	BAYA WEAVER	<i>Ploceus philippinus</i>	<i>Passeridae</i>	LC
74	HOUSE SPARROW	<i>Passer domesticus</i>	<i>Passeridae</i>	LC
75	CORMORANT INDIAN	<i>Microcarbo niger</i>	<i>Phalacrocoracidae</i>	LC
76	LITTLE CORMORANT	<i>Microcarbo niger</i>	<i>Phalacrocoracidae</i>	LC
77	GRAY FRANCOLIN	<i>Ortygomis ponticeriana</i>	<i>Phasianidae</i>	LC
78	JUNGLE BUSH QUAIL	<i>Perdica asiatica</i>	<i>Phasianidae</i>	LC
79	PAINTED FRANCOLIN	<i>Francolinus pictus</i>	<i>Phasianidae</i>	LC
80	GREENISH WARBLER	<i>Phylloscopus trochiloides</i>	<i>Phylloscopidae</i>	LC
81	LESSER GOLDEN BACKED WOOD PECKER	<i>Dinopium benghalense</i>	<i>Picidae</i>	LC
82	YELLOW CROWNED WOODPECKER	<i>Leiopicus mahrattensis</i>	<i>Picidae</i>	LC
83	BLACK RUMPED FLAMEBACK	<i>Dinopium benghalense</i>	<i>Picidae</i>	LC
84	ROSE-RINGED PARAKEET	<i>Psittacule cyanocephale</i>	<i>Psittacidae</i>	LC
85	RED VENTED BULBUL	<i>Pycnonotus cafe</i>	<i>Pycnonotidae</i>	LC
86	COMMON COOT	<i>Fulica atra</i>	<i>Rallidae</i>	LC
87	WHITE BROWED FANTAIL	<i>Rhipidura aureola</i>	<i>Rhipiduridae</i>	LC
88	COMMON SANDPIPER	<i>Actitis hypoleucos</i>	<i>Scolopacidae</i>	LC
89	INDIAN EAGLE OWL	<i>Bubo bengalensis</i>	<i>Strigidae</i>	LC
90	JUNGLE OWLET	<i>Glaucidium radiatum</i>	<i>Strigidae</i>	LC
91	SPOTTED OWLET	<i>Athene brama</i>	<i>Strigidae</i>	LC
92	ASIAN PIED STARLING	<i>Gracupica contra</i>	<i>Sturnidae</i>	LC
93	BRAHMINY STARLING	<i>Sturnia pagodarum</i>	<i>Sturnidae</i>	LC
94	COMMON MYNA	<i>Acridotheres tristis</i>	<i>Sturnidae</i>	LC
95	COMMON TAILORBIRD	<i>Ortholomus sulorius</i>	<i>Sylviidae</i>	LC
96	JUNGLE BABLER	<i>Turdoides striatus</i>	<i>Sylviidae</i>	LC
97	LESSER WHITET HORAT	<i>Sylvia curruca</i>	<i>Sylviidae</i>	LC
98	YELLOW EYED BABBLER	<i>Chrysomma sinense</i>	<i>Sylviidae</i>	LC
99	COMMON HOOPOE	<i>Upupa epops</i>	<i>Upupidae</i>	LC
100	ORIENTAL WHITE-EYE	<i>Zosterops palpebrosus</i>	<i>Zosteropidae</i>	LC
101	ORIENTAL WHITE EYE	<i>Zosterops palpebrosus</i>	<i>Zosteropidae</i>	LC





Analysis of the Data

S. No.	Family	No.
1	Accipitridae	6
2	Aegithinidae	1
3	Alaudidae	4
4	Alcedinidae	3
5	Anatidae	2
6	Ardeidae	6
7	Bucerotidae	1
8	Campephagidae	2
9	Charadriidae	1
10	Ciconiidae	1
11	Cisticolidae	2
12	Columbidae	5
13	Coraciidae	1
14	Corvidae	3
15	Cuculidae	3
16	Dicruridae	1
17	Estrildidae	4
18	Falconidae	1
19	Hirundininae	3
20	Laniidae	3
21	Leiothrichidae	1
22	Malacotidae	1
23	Megalaimidae	2
24	Meropidae	1
25	Monarchidae	2
26	Motacillidae	3
27	Muscicapidae	5
28	Nectariniidae	2
29	Oriolidae	2
30	Passeridae	2
31	Phalacrocoracidae	2
32	Phasianidae	3
33	Phylloscopidae	1
34	Picidae	3
35	Psittacidae	1
36	Pycnonotidae	1
37	Rallidae	1
38	Rhipiduridae	1
39	Scolopacidae	1
40	Strigidae	3
41	Stumidae	3
42	Sylviidae	4
43	Upupidae	1
44	Zosteropidae	2
	TOTAL	101



Abandoned Nest



Nest on Platform



Old tree abandoned Nest



Clay Nest



Wooden Box Nest

Table depicting the distribution of birds as per thier families

Total Families = 44
Total Species = 101

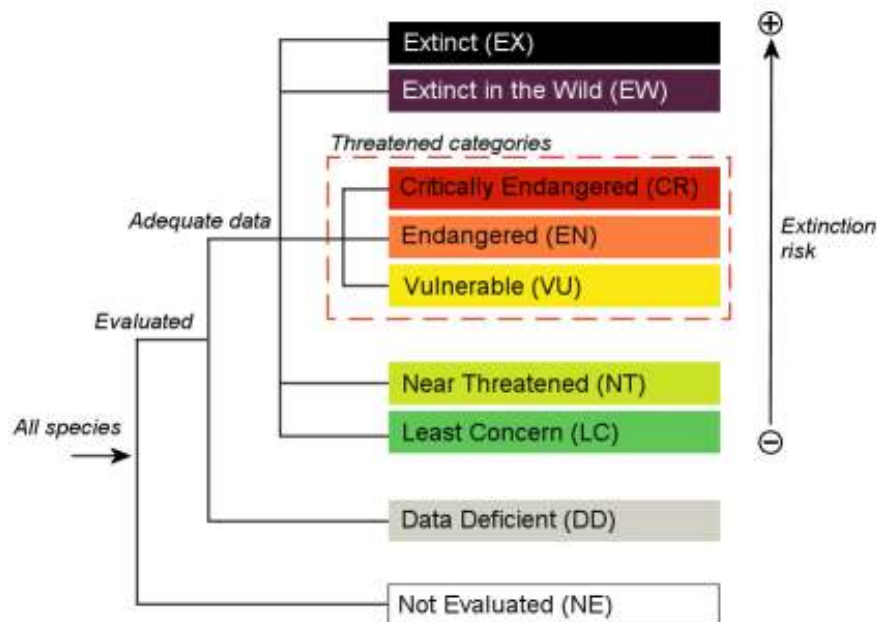




Status of IUCN

The International Union for Conservation of Nature and Natural Resources (IUCN) is an international organization working in the field of nature conservation and sustainable use of natural resources. It is involved in data gathering and analysis, research, field projects, advocacy, lobbying and education.

1. Critically Endangered
2. Endangered
3. Vulnerable
4. Near Threatened
5. Least concerned
6. Data Deficient
7. Not evaluated





Records of Nest found in the proposed area

Villages wise breakup					
S.no	Village	Forest Land(ha.)	Species	Status	Findings
1	Forest Between Parsada Village and Pahariya Village	1.5454	Red Avadavat, Cattle Egret, Mynah	Inactive	Bird Around
2	Gatwa	6.5389	Undidentified	Inactive	Inactive
3	Forest Between Gatwa Village and Kandra Comp. 75	4.0402	Mynah, Baya Weaver	Inactive	Bird Around
4	Chitapalli	1.6256	Aisan Pied Starling	Inactive	Bird Around
5	Forest Between Pantora, Kanki, Pantora, Chitapalli	6.9856	Black Kite, Baya Weaver	Inactive	Bird Around
6	Bokramunda	0.0794	Undidentified	Inactive	Inactive
7	Kandra	1.3668	Undidentified	Inactive	Inactive
8	Other Villages of Janjgir Champa Dist.	0	Indian Crow, Unidentified	Inactive	Bird Around
9	Other Villages of Korba Dist.	0	Indian Robin, Pied Starling	Inactive	Bird Around





Deforestation and its impact and Mitigation Measures

REHABILITATION :

Although only 3mtr + 3mtr = 6mtr. width area of 67 mts is being cleared for the proposed 765 KV Champa-Dharamjaygarh line, Chances of any Adverse impact on habitat not significant, It is likely that there is not any permanent damage to the water source in the affected area, therefore there is no need construct any permanent structure to harness water.

However the impact on Avifauna may be significant. Many natural abandoned nests may be found/recovered during clearing the passage for the aforesaid proposed line. these nests are of significant importance as they can be used to reinstate the species by experts. If nests are not abandoned and are still in use, can be rescued and shifted by experts as this is an important measure in conservation of Avifauna base.

ARTIFICIAL NESTS :

Although success rate of artificial nests is very low in open forest area, but this rate can be improved by using local material to build the artificial nest. Very few species have been reported to have accepted artificial nests, still if proper measures are taken there may be chances that birds accept the nests. Experience from the past can be of very great help.

NESTS AND THEIR TYPES :

During our study we noticed maybe due to global change in environment pattern and change/delay in monsoon this year only few of the migratory species had arrived, out of our estimated calculation about only 10% migratory species were recorded. (Detailed and extensive survey of the area may be required to achieve at a conclusive figure) Of the nests which were sighted/recorded about 55% of the nest were on Trees /canopy, 22% use natural/self made holes in trees, 14% on ground and rest on cliffs and human settlements. Following types of nests are suggested for installation as suitable places, based on the data acquired of the field survey as mentioned earlier.

1. Wooden Box Nests
2. Old Natural tree trunks with bird nest holes
3. Wooden platforms for birds to build their nest upon
4. Clay nests according to the bird species
5. Boulder mounds in piles of gravels for birds which nests on ground
6. Nest in Bunds and walls of drenches for birds like kingfishers and bee eaters
7. Nests built by Bamboo twigs
8. Coconut shell nests





Nests and their Proposed types

S.No.	Family of Birds	Type of Nest
1	Accipitridae	Trees
2	Aegithinidae	Trees
3	Alcedinidae	Bunds
4	Anatidae	Ground
5	Ardeidae	Trees
6	Ciconiidae	Trees
7	Cisticolidae	Shrubs
8	Columbidae	Multiple Site
9	Coraciidae	Tree
10	Corvidae	Tree
11	Cuculidae	Parasitic
12	Dicruridae	Trees
13	Estrildidae	Shrubs
14	Hirundininae	Human struc.
15	Jacaniidae	Water Bed
16	Leiotherichidae	Trees
17	Malaconotidae	Trees
18	Megalaimidae	Wood Hole
19	Meropidae	Bund
20	Monarchidae	Trees
21	Motacillidae	Ground
22	Muscicapidae	Trees
23	Nectariniidae	Trees
24	Oriolidae	Trees
25	Passeridae	Trees
26	Phalacrocoracidae	Trees
27	Phasianidae	Ground
28	Phylloscopidae	Shrubs
29	Picidae	Wood Hole
30	Podicipedidae	Water Beds
31	Pycnonotidae	Trees
32	Rallidae	Water Beds
33	Rostratulidae	Multiple Site
34	Scolopacidae	Ground
35	Strigidae	Tree
36	Sturnidae	Wood Hole
37	Sylviidae	Shrubs
38	Upupidae	Multiple site



Clay Nest



Old tree abandoned Nest



Bamboo Nests



Wooden Box Nest



Nest on Platform



Nests on Bunds





Nests required to compensate the Loss

S. No.	Type of Nest	Qty.
1.	Wooden Box Nests	60
2.	Old tree trunks (On availability)	40
3.	Wooden platforms	25
4.	Clay nests	250
5.	Gravels Nest	30
6.	Bamboo Nests	150





Compensation, Suggestions & Recommendations:

In general, the word "compensation" means balancing one action (or its effects) with another action.

In nature conservation, compensation means balancing the negative effects in the environment with other activities that improve the state of the environment and restore its proper functions.

The compensation is always associated with some risk of failure. Therefore, in practice, incomplete quality is always compensated by the amount.

The surface on which habitats are restored must be larger than the site of the habitat that will be lost - only then the combined effect will be able to offset the losses.

The basic principle is that compensation needs to precede the compensated losses. where ever possible.

The Steps may include :

- » Habitat reclamation elsewhere
- » Improvement of the remaining resources of natural habitats
- » Habitat restoration
- » Creating new species habitats
- » Improvement of species' food base
- » Reduction of other threats for threatened species

CONCLUSION

Environmental compensation should always be an exceptional action, undertaken only when unable to avoid or minimize negative effects to an insignificant level. Therefore, the use of environmental compensation will never be substantial. Every case of compensation must be individually planned. Therefore, it is impracticable and impossible to propose any detailed standards of compensation measures.

Techniques that can be used in the compensation planning are specific to particular types of natural habitats and species, and even have to be specific to local situations. Naturally, the possibility of designing and implementing effective compensation in relation to different habitats and species differ.





Project proposal for Nest Installation

PROJECT REPORT FOR PROVIDING ALTERNATE HABITAT / HOME
FOR THE AVIFAUNA, AS PER THE GUIDELINES OF
MINISTRY OF ENVIRONMENT AND FOREST, GOVT. OF INDIA.

INTRODUCTION :

CHHATTISGARH WESTERN REGION TRANSMISSION LIMITED (CWRTL) is laying 765 KV D/C transmission line vide Forest proposal No. Proposal No: FP/CG/TRANS/18820/2016.

Regional office Nagpur of Ministry of Environment, Forests and Climate Change (Forest Conservation Division) GOI vide their communication No. FC-II/CH-69/2017-NGP/2559 Dt. 21/9/2017 have inserted following clause to permit forest clearance.

Condition XXV - "The user agency in consultation with the State Government shall create and maintain alternate habitat/home for the avifauna, whose nesting trees are to be cleared in this project. Bird's nests artificially made out of eco-friendly material shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the project;"

In accordance with the aforesaid transmission line CWRTL has asked Chhattisgarh Biodiversity Society to do a survey work and compensate the loss to the avifauna base of the affected area.

CHHATTISGARH WESTERN REGION TRANSMISSION LIMITED (CWRTL) 765 KV D/C transmission line has vide their Service Order (SO) No. 5700218434 asked Chhattisgarh Biodiversity Society to Provide consultancy service & to carry out survey for avifauna in forest & surroundings and to determine & submit project reports to provide alternate Re-habit for avifauna with artificially made eco-friendly materials.

OBJECT AND AIM OF THE PROJECT

The aims and objects of the project, are to carry out survey for avifauna in 22.182 Hec. forest area and surroundings and to determine and submit project reports Providing of alternate re-habitat for avifauna with Artificially made eco-friendly material as per guidelines/ Schemes of Govt. of India Ministry of Environment & Forest.

Proposed Area

Forest Between Parsada, Pahariya Village, Gatwa, Forest Between Gatwa Kandra Comp. 75, Chitapalli Forest Between Pantora Kanki, Pantora, Chitapalli, Bokramunda & Kandra





Methodology

The project proposes to determine and submit project reports for providing of alternate Re-habit for avifauna with artificially made eco-friendly materials as per guidelines/ Schemes of Govt. of India Ministry of Environment & Forest.

The Methodology uses are as under.

1. Identification of the proposed area.
2. Planning and scheduling a through visit to the site along with experts of relevant fields.
3. Recording acoustic samples for later reference.
4. Making sketches of the Flora/fauna of the region for exact identification.
5. Photographing the Avian and floral species of the proposed area to document and mitigate later.
6. Detailed data recording of the sightings as per scientific methods.
7. Detailed record keeping of the Geo-Sat. data for future reference.
8. Analyze the recorded statistical data collected in a proper scientific manner.
9. Detailed report has been prepared and submitted.

Duration of execution

Preliminary Data collection work has been completed and based on our findings a detailed comprehensive project has been created for the installation of artificial nest for the avifauna present in the Proposed 765 Kv Champa Dharamjaygarh Transmission Line (Area 22.182 Hec. approx.)

Duration shall be of six months form submission of this report, for visits to the field, data collection, and nest installation with preparation of Final Report. Which will be submitted in 06 (Six) copies to the relevant authority.

Prerequisites for the project

A Work order

Advance funds to the tune of 50% of the total cost of the project to initiate the nest installation work.

The relevant authority shall cooperate in technical matters as and when required.





All necessary clearances, entry permits/fees and lodging and boarding including transportation and logistics costs/fees are to be borne by the relevant authority, and ensure every possible assistance in execution of the project.

A staff preferably knowledgeable about the nature of work shall be provided by the relevant authority.

Nests required to compensate the Loss

S. No.	Type of Nest	Qty.
1.	Wooden Box Nests	60
2.	Old tree trunks (On availability)	40
3.	Wooden platforms	25
4.	Clay nests	250
5.	Gravels Nest	30
6.	Bamboo Nests	150

Financial Projections

S. No.	Details	Amount
1.	Consultancy charges	2,00,000/-
2.	Transportation/Logistic/Boarding etc	3,75,500/-
3.	Project execution including office and feild expenses	3,20,500/-
4.	Cost of Artificial Eco-friendly nests & installation	6,64,000/-
5.	Other Expenses	1,00,000/-
	Total	16,60,000/-





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Bikram Grewal, Sumit Sen, Sarwandeep Singh, Nikhil Devasar,

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Conclusion

We at Biodiversity Society of Chhattisgarh are deeply indebted to Champa Dharamjaygarh Transmission Line of CWRTL for awarding us the do a survey work and compensate the loss to the avifauna base of the affected area.in its laying of 765 KV D/C transmission line in 22.182 Hec.

Our team was pleased to do the Survey and nest installation work and we had full co-operation from the staff of CHHATTISGARH WESTERN REGION TRANSMISSION LIMITED (CWRTL) and we expect to complete our work well within our time-frame.





Bird Gallery





BIO DIVERSITY SOCIETY OF CHHATTISGARH

17/389, Govind Nagar, Pandari, Raipur - 492 001

email : biodivsoccg@gmail.com

FORM-I
(For linear projects)

Annexure-I

Government of Chhattisgarh

Office of the District Collector : Janjgir-Champa

No. 2909Dated 27/02/17

TO WHOM SO EVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forest (MoEF), Government of India's Letter No. 11-9/98-FC (p.t) dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest dwellers (Recognition of Forest Right) Act 2006 ("FRA" for short) on the forest land proposed to be diverted for non-forest purposes, read with MoEF'S letter dated 5th February 2013 wherein MOEF issued certain relaxation in respect of linear projects, it is certified that 22,1820 Hectares of Forest land proposed to be diverted in favour of M/S Chhattisgarh WR Transmission Limited for (name of user agency) laying of Power Transmission Line in Janjgir-Champa district Falls within Jurisdiction of Bokramunda, Pahariya, Kandra, Gatwa, Chitapalli & Pantora in Baloda tehsil (s)

It is further certified that.

- (a) The complete process for identification and settlement of right under the FRA has been carried out for the entire 22,1820 hectares of forest area proposed for diversion. A copy of record of a II consultation and meeting of Forest Right Committees(s), Gram Sabha (s), Divisional Level Committee (s) and District level committee (s) are enclosed as annexure to..... Annexure.....
- (b) The diversion of forest land for facilities managed by the government as required under section 3(2) of the FRA have been completed and Gram Sabha(s) have given their consent to it.
- (c) The proposal does not involve recognized rights of primitive Tribal Groups and Pre-agricultural communities.

Encl: As above.



S. P. Singh
Collector
25/02/17
कलेक्टर
जानगीर-चाम्पा (छ.ग.)

(Full name and official seal of the District Collector)

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that any other condition that the concerned Regional Office of this Ministry may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife

For, Chhattisgarh-WR Transmission Limited.



(Manoj Deshmukh)
Director

Date: 27.01.2018.

Place: Ahmedabad

Chhattisgarh – WR Transmission Limited

7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

Project Name: 765 kV S/C Champa - Dharamjaygarh Transmission Line

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes that we will ensure compliance to provisions of the all Acts, Rules, Regulations and Guidelines, for the time being in force, as applicable to the project.

For, Chhattisgarh-WR Transmission Limited,



(Manoj Deshmukh)
Director

Date: 27.01.2018.

Place: Ahmedabad

Chhattisgarh – WR Transmission Limited

(Program under Government of India - Additional System Strengthening Scheme for Chhattisgarh & WR IPP)
7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

DFO while forwarding proposal has already mentioned that no wildlife is present in the proposed. However M/s. Chhattisgarh-WR Transmission Limited hereby undertake that the Comments of the PCCF (Wildlife) on the impact of the project on the schedule-I species and recommendations, if any, suggested by the PCCF (Wildlife), Chhattisgarh will be implemented by the User Agency at the project cost

For, Chhattisgarh-WR Transmission Limited.



Date: 27.01.2018.
Place: Ahmedabad

(Manoj Deshmukh)
Director

Chhattisgarh – WR Transmission Limited

(Program under Government of India - Additional System Strengthening Scheme for Chhattisgarh & WR IPP)
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UNDERTAKING

M/s. Chhattisgarh-WR Transmission Limited hereby undertake Right of way of 64 meters will be maintained as this is 765 kV S/C Line. (As per MoEF Notification 7-25/2012, 05.05.2014). This will be maintained in future also.

For, Chhattisgarh-WR Transmission Limited.



Date: 27.01.2018.
Place: Ahmedabad

(Manoj Deshmukh)
Director

Chhattisgarh – WR Transmission Limited

(Program under Government of India - Additional System Strengthening Scheme for Chhattisgarh & WR IPP)
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Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

M/s. Chhattisgarh-WR Transmission Limited hereby undertakes layout plan of the proposal will not be changed without the prior approval of the Central Government.

For, Chhattisgarh-WR Transmission Limited.



Date: 27.01.2018.

Place: Ahmedabad

**(Manoj Deshmukh)
Director**

Chhattisgarh – WR Transmission Limited

(Program under Government of India - Additional System Strengthening Scheme for Chhattisgarh & WR IPP)
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Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

M/s. Chhattisgarh-WR Transmission Limited hereby undertake that we will submit six monthly self-compliance reports as on 1st January and 1st July of every year to this office as well as to the Nodal Officer of the State

For, Chhattisgarh-WR Transmission Limited.



Date: 27.01.2018.

Place: Ahmedabad

(Manoj Deshmukh)

Director

Chhattisgarh – WR Transmission Limited

(Program under Government of India - Additional System Strengthening Scheme for Chhattisgarh & WR IPP)
7th Floor, A – wing, Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad 380 015.
Phone: 91-(79)-2555 5166 Fax : 91-(79)-2555 7216

UNDERTAKING

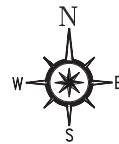
M/s. Chhattisgarh-WR Transmission Limited hereby undertake that we will extend our full support to The State Government to monitor compliance of conditions of Forest Clearance and to submit in this regard yearly report as on 31st December of every year

For, Chhattisgarh-WR Transmission Limited.

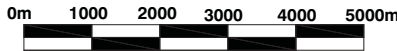


Date: 27.01.2018.
Place: Ahmedabad

(Manoj Deshmukh)
Director



SCALE 1 : 50000



- KHASARA BOUNDARY
- GRID LINE

Proposed CA Land

GEOREFENCED PLAN OF DRAWING TITLE: VILLAGE - BARGAON ON TOPOSHEET FOR COMPENSATORY AFFORESTATION FOR PROPOSED PROJECT
PROJECT NAME: 765 KV D/C RAJNANDGAON - WARORA TRANSMISSION LINE PROJECT
DETAILS: 765 KV S/C CHAMPA-DHARAMJAYGARH 22.1820 HA FOREST DIVERSION PROPOSAL VILLAGE-BARGAON, TEHSIL-KHAIRAGARH DISTRICT-RAJNANDGAON, STATE-CHHATTISGARH
DRAWING NO.: CWRTL/FC/CA/CG/01
COMPANY NAME: CHHATTISGARH-WR TRANSMISSION LIMITED