



ଜଙ୍ଗଲ, ପରିବେଶ ଓ ଜଳବାୟୁ ପରିଚରଣ ବିଭାଗ, ଓଡ଼ିଶା ସରକାର
ଖଣ୍ଡଗିରି ଜଙ୍ଗଲ ବିଭାଗ, ଖଣ୍ଡଗିରି, ଓଡ଼ିଶା

ଇମେଲ.- dfo.jharsuguda@odisha.gov.in, ଦୂରଭାଷ/ ଫା.ନଂ-୦୭୭୪୫-୨୯୫୦୪୦।

Memo No. ୧୨୩୪୫୬୪୫ (Misc.),
Dated Jharsuguda the ୦୫th Nov, 2022.

To,

The Regional Chief Conservator of Forests,
Sambalpur Circle, Sambalpur.

Sub: - Proposal for diversion of 13.465 Ha. of forest land for construction of 132 KV D/C Transmission Line from Brajrajnagar to proposed 132/33 KV Grid Sub-Station, Kudaloi, Lakhanpur in the District of Jharsuguda, Odisha.

Ref: - Letter No.FC-21/LAKHANPUR/1350(5) dt.14.10.2022 of the General Manager (Elect.), EHT (Const.) Division, Jharsuguda.(Proposal No FP/OR/TRANS/150350/2021 (State Serial No.OR-0104/ 2021 dt.31.12.2021)

With reference to the letter cited above, this is to inform that the Forest Diversion proposal submitted by the Dy. General Manager (Elect.), EHT (C) Division, Jharsuguda for diversion of 13.465 Ha. of forest land for construction of 132 KV D/C Transmission Line from Brajrajnagar to proposed 132/33 KV Grid Sub-Station, Kudaloi, Lakhanpur in the District of Jharsuguda, Odisha. In this regards, I submitting herewith the Forest Diversion Proposal in five copies for onward transmission for obtaining approval of Central Government of India under Section-2 of Forest Conservation Act, 1980. The site has been inspected on 01.11.2022 in presence of all person concerned. The facts pertaining to the proposal are as follows: -

1. Brief Description:

Odisha Power Transmission Corporation Limited (OPTCL), one of the largest Transmission Utility in the country was incorporated in March 2004 under the Companies Act, 1956 as a company wholly owned by the Government of Odisha to undertake the business of transmission and wheeling of electricity in the State. The registered office of the Company is situated at Bhubaneswar, the capital of the State of Odisha. Its projects and field units are spread all over the State.

OPTCL became fully operational with effect from 9th June 2005 consequent upon issue of Odisha Electricity Reform (Transfer of Transmission and Related Activities) Scheme, 2005 under the provisions of Electricity Act, 2003 and the Odisha Reforms Act, 1995 by the State Government for transfer and vesting of transmission related activities of GRIDCO with OPTCL. The Company has been designated as the State Transmission Utility in terms of Section 39 of the

Electricity Act, 2003. Notified as the State Transmission Utility (STU) by the State Govt. and discharges the State Load Dispatch functions.

OPTCL proposed to construct a 132 KV D/C Transmission line, which emanates from 132/33KV D/C Grid Sub-Station at Brajarajnar located at latitude **83°54'45.16" (North) & longitude-21°51'05.76" (East)** to proposed grid Sub-station at village Kudaloi located at latitude **83°48'13.79" (North) & longitude 21°46 45.37" (East)** in Lakhanpur Tahsil of Jharsuguda District, under Jharsuguda Forest Division, Odisha.

2. Justification:

Lakhanpur Tahsil area is availing power from 33/11KV sub-station, Belpahar which is being fed by 33KV supply from 1x40 MVA + 3x20 MVA + 1x12.5 MVA, 132/33 kV Grid Sub-Station, Brajarajnar. The length of the 33KV line is around 15 Kms from the grid sub-station. But the 11KV which is giving supply to the areas under Lakhanpur tahasil is around 250Km (in total) for which a single tripping of the said line causes power interruption in the total command area. The voltage profile in the concerned tahasil area is very low because of the long 11KV line. The remote 33/11KV sub-station at Dhulunda is availing power from 33/11KV Belpahar Sub-station through 33KV line. By construction of the said grid will reduce the distance of 33KV line to Dhulunda sub-station by 25Km and will improve voltage profile in that area.

So, in order to eradicate the low voltage profile and frequent power interruption of Lakhanpur and nearby areas a 2x20 MVA, 132/33 kV Grid Sub-station at Lakhanpur is needed. Also 2x20 MVA, 132/33 kV Grid Sub-station at Lakhanpur will act as an alternative supply to the distribution sub-stations making the Distribution system stable and more reliable.

The construction of a 132/33 kV Grid Sub-station at Lakhanpur is very much needed in order to make the 132 kV system voltage level stable in the network connecting to Grid Sub-Stations at Brajarajnar and Lapanga (In future). Proposed 132/33 kV Grid Sub-station at Lakhanpur is also required to share the load of Jharsuguda and will improve the voltage profile of the area.

Some part of the Lakhanpur block is specially known for ginger cultivation which it exports in tones to other countries. The area is also rich in agricultural products like rice, sugarcane and ground nuts. The area is also huge source of water supply. Because of this huge demand in agricultural products, the state Govt. is planning for many mega lift projects which couldn't be feasible because of low voltage profile and multiple interruption of power supply. The proposed grid sub-station will enhance the mega lift projects under govt. scheme and hence the production of agricultural products in the Lakhanpur block.

The economy of the Jharsuguda district can be judged through its natural resources. The District is rich in minerals like coals, quartzite and fire clay. Besides deposit of limestone, granite, white sand stone and laterite stone are also found in several places of Jharsuguda district. Hence the addition of the new project at Lakhanpur will encourage towards growth of new small as well as large scale industries.

The proposed 132/33 kV Grid Sub-station at Lakhanpur will feed the surrounding Distribution Sub-Stations. This will ultimately feed power to these DISCOM consumers with better voltage profile.

The total length of the total line is **15.965km** approximately. The length of the line is **4.987Km** in forest land and **10.978km** in non-forest land. The proposed Transmission line covers an area of **39.873ha** of total land covering **13.465ha of revenue** forest land and **26.408ha of non-forestland**. The Non-Forest area covers 7.142ha of Govt. Land & 19.266ha of Private Land under Jharsuguda Forest Division in Jharsuguda district.

Preliminary survey has been carried out in three alternate Lines (Line -1, 2 &3) which are shown in Survey of India Topo Sheet No. F44R13 in 1:50,000 scales (**PLATE No.-1**) to select the better alignment and less use of forest land. Survey of India Toposheet No. F44R13 in 1:50,000 scales showing the alignment with 27 meter RoW is enclosed as (**PLATE No.-2**).

OPTCL has authorised the DGM(elect)- EHT(C) Division, Jharsuguda vide letter No.-CGM(C)-Circular-27/2017/508(18), dated 11.10.2018 to sign the necessary documents and submit the forest diversion proposal of OPTCL pertaining to EHT (C) Division, Jharsuguda (**Annexure -I**).

The project has been technically sanctioned by the Sr. GM(C), Zone-II, Sambalpur vide his L. No.-SGM.CONST-II/JICA-PKG-8/1014, dated 13.05.2016 and published in Odisha Gazette (**Annexure-II**).

The project covers one (1) village in JharsugudaTahasil and five (05) villages in LakhanpurTahsil under Jharsuguda district. The authenticated land schedule (forest & non-forest) of the proposed line is authenticated by Tahasildar of Lakhanpur and JharsugudaTahsil and certified as on 25.10.1980(**Annexure-III**).

The transmission line has been drawn by erecting 74nos. ofAngle Points and suspension towers covering 6 villages.

The total forest land over 13.465ha of area involved with the transmission line has been proposed for diversion. The project will supply EHT voltage, which will ensure un-interrupted power supply to the adjacent area of Lakhanpur for sustainable power supply and to prevent inconveniences.

3. Justification for locating the project in the forest area:

As submitted by the User Agency, the justification for locating the project in the forest area is detailed below:

SI. No.	Description	Route-1	Route -2 (final)	Route -3
1	Total Length (Km) of Transmission line	16.202	15.965	15.433
2	Number of Angle Points / Towers	80	74	78
3	Involvement of Plain Terrain	Yes	Yes	yes

4	Involvement Hilly/ Ravine area.	Passing through hilly area	Nil	Nil
5	Involvement of Wild life Sanctuary, Biosphere & Eco-sensitive Zone	No involvement	No involvement	No involvement
6	Length in Reserve Forest (Km)	3.583	0	0
	Length in Revenue Forest (Km)	2.615	4.987	5.235
	Length in Non-Forest Area(Km)	10.004	10.978	10.198
7	Involvement of Forest land (Ha)	16.735	13.465	14.134
8	Involvement of DLC land (Ha)	Nil	Nil	Nil
9	Involvement of Non-Forest land (Ha)	27.01	26.408	27.535
10	Cost of the Project (in Lakhs.)	4063.12	3697.85	3753.52
11	Displacement of villages & R&R policy	Nil	Nil	Nil
12	Involvement of National monuments	Nil	Nil	Nil
13	Alignment preferred	Not selected as RF/PRF and more forest area involved	Selected due to barest minimum forest land involved and cost effective.	Not selected as more forest area involved.

Comparative Statement:

Line No.-1:

The Length of the transmission Line-1 is Km 16.202km covering 43.745Ha area which includes R.F/P.F, Revenue Forest 16.735Ha and non-forest land 27.010Ha. Eighty (80) numbers of angle points (AP) towers & suspension tower (TP) points to be erected. This line is passing through Hilly area and in undulated land. The estimated cost is 40.63 Crores. **So this alignment is rejected.**

Line No.-2:

The Length of the transmission Line-2 is **15.965 Km.**, Covering 39.873Ha area which includes Revenue Forest **13.465** Ha and non-forest land **26.408** Ha. The number of angle points (AP) and towers to be erected is 74. This line is passing through mainly in plane area. The estimated cost is Rs.3697.85 Lakhs only. **This line was selected as less forest area involved and cost effective than other two lines.**

Line No.-3:

The Length of the transmission Line-3 is 15.433 Km., Covering 41.669 Ha area which includes Revenue Forest **14.134** Ha and non-forest land 27.535Ha. Total 78 number of angle points (AP) and towers to be erected. This line is passing through mainly in plane land. The estimated cost is Rs.3753.2 Lakhs. This line is passing through settlement area and more road crossings. **Hence this line is rejected.**

3. Maps:

The User Agency has furnished the following maps duly authenticated by the concerned authorities as mentioned below:

Sl. No.	Plates Description	Scale	Plate No.
1.	Toposheet showing alternate route alignments	1:50000	<i>Plate No-I</i>
2.	Toposheet showing the project area	1:50000	<i>Plate No-II</i>
3.	DGPS Index map showing the forest patches involved in project	1:50000	<i>Plate No-III</i>
4.	DGPS cadastral map of village Brajrajnagar town unit-03, sheet-10	1:3960	<i>Plate No-IV</i>
5.	DGPS cadastral map of village Brajrajnagar town unit-03, sheet-5	1:3960	<i>Plate No-V</i>
6.	DGPS cadastral map of village Brajrajnagar town unit-03, sheet-6	1:3960	<i>Plate No-VI</i>
7.	DGPS cadastral map of village Chualiberna sheet-1	1:3960	<i>Plate No-VII</i>
8.	DGPS cadastral map of village Belpahar sheet-2	1:3960	<i>Plate No-VII</i>
9.	DGPS cadastral map of village Belpahar sheet-1	1:3960	<i>Plate No-IX</i>
10.	DGPS cadastral map of village Pipilmal sheet-1	1:3960	<i>Plate No-X</i>
11.	DGPS cadastral map of village Pipilmal sheet-2	1:3960	<i>Plate No-XI</i>
12.	DGPS cadastral map of village Banjari sheet-2	1:3960	<i>Plate No-XII</i>
13.	DGPS cadastral map of village Kudaloi sheet-2	1:3960	<i>Plate No-XIII</i>
14.	Topo sheet showing the CA Land	1:50000	<i>Plate No.XIV</i>
15.	DGPS index map showing the area identified for CA	1:100000	<i>Plate No.XV</i>
16.	DGPS cadastral map of CA Land of Village Raghunathpali, Sheet-5	1:3960	<i>Plate No.XVI</i>
17.	DGPS cadastral map of CA Land of Village Raghunathpali, Sheet-2	1:3960	<i>Plate No.XVII</i>
18.	DGPS cadastral map of CA Land of Village Singhibahal, Sheet-6	1:3960	<i>Plate No.XVIII</i>
19.	DGPS cadastral map of CA Land of Village Samasingha, Sheet-6	1:3960	<i>Plate No.XIX</i>
20.	Topo Sheet showing distance of National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor within 10 KM of the project area.		<i>Plate No.XX</i>
21.	KML file of the proposed project & CA Land		<i>In CD</i>

5.Forest Land:

The forest land involved in the project is **13.465** Ha the following villages of Jharsuguda&LakhanpurTahasil under Jharsuguda District. The User Agency has furnished a certificate that this is the barest minimum of forest land in this project which is enclosed in **Annexure-IX** of the DP.

The village wise break-up of forest land involved in the project is furnished below:

Sl. No	Name of theTahasil	Name of the Village	Kisam of Revenue Forest Land in ha.				Remarks
			Gramya Jungle	Jungle	Bada Jungle	Total	
1	2	3	4	5	6	7	8
1	Jharsuguda	BrajrajnagarTown-3	4.657	0.588	0.007	5.252	
2	Lakhanpur	Chhualiberna	0	0.429	0	0.429	
3		Belpahar	2.466	1.266	0	3.732	
4		Pipilimal	1.251	0	0	1.251	
5		Banjari	0.133	0	0	0.133	
6		Kudaloi	2.668	0	0	2.668	
Total:-			11.175	2.283	0.007	13.465	

Purpose-wise breakup of the total Forest land required for the project

Sl. No.	Purpose of Utilization.	Revenue Forest Land (Ha)
1.	Foundation casting	0.070
2.	Passing of Transmission line Conductor.	13.395
Total:-		13.465

The village wise breakup of Non-Forest Land and Private land involved in the project is furnished below

Sl. No	Name of Tahasil	Name of The Village	Required Non-Forest Land in Ha		Total in Ha	Remarks
			Govt. Land	Pvt. Land		
1	2	3	4	5	6	7
1	Jharsuguda	Brajrajnagar town -3	0.175	3.260	3.435	
2	Lakhanpur	Chhualiberna	0.219	2.298	2.517	
3		Belpahar	2.849	6.061	8.910	
4		Pipilimal	1.873	0.847	2.720	

5		Banjari	0.806	2.365	3.171	
6		Kudaloi	1.220	4.435	5.655	
Total:-			7.142	19.266	26.408	

The authenticated land schedule of forest land and non-forest land involved in the project has been furnished by the Tahsildar, Jharsuguda&LakhanpurTahasil which is enclosed as **Annexure-III** respectively of the DP.

Further, the sabik status of non-forest land as on 25.10.1980 is furnished by the TahasildarJharsuguda&LakhanpurTahasil which is enclosed in **Annexure-III** of the DP.

The DGPS map of the proposed diversion of forest land of the project duly authenticated by the ORSAC is enclosed as plate No.III to XIII. The KML File and shape file in CD form is also appended of the DP. The density of vegetation of proposed area is below 40% of Eco-Class-III.

6. Flora and Fauna:

- (a) **Flora:** Tree species which are commonly noticed in the proposed area is mentioned below:

Sl No.	Local Name of Species	Botanical Name of Species
1	Sal	Shorea robusta
2	Sisoo	Dalbergia latifolia
3	Jamun	Syzygium cumini
4	Kasi	Bridelia retusa
5	Kendu	Diospyros melanoxylon
6	Bahada	Terminalia bellerica
7	Bela	Aegle marmelos
8	Chakunda	Cassia siamea
9	Chara	Buchanania lanzan
10	Dharua	Anogeissus latifolia
11	Debdarhu	Polayathia longifolia
12	Dimri	Ficus glomerata
13	Eucalyptus	Eucalyptus globulus labill
14	Kekata	Garuga pinnata
15	Mahula	Madhukalongifolia
17	Palasa	Butea monosperma
18	Sena	Lagerstroemia parviflora
19	Simli	Ceiba pentandra
20	Sirisha	Albizia fistula
21	Sunari	Cassia fistula
22	Tentuli	Tamarindus indica
23	Teak	Tectona grandis

24	Asana	Terminaliatomentosa
26	Mango	MagiferaIndica
27	Kendu	Diosphyrosmelanoxylon
28	Bahada	TerminaliaBellerica
29	Bela	Aeglemarmelos
30	Bija	PeterocarpusMarsupium
31	Mahaneem	Melia composite
32	Dhuben	Dalbergiapeniculata
33	Dimiri	FicusGlomerata
34	Gelgala	Cochlospermreligiousum
35	Harida	TerminaliaChebula
36	Karada	Clestanthuscollinus
37	Kumbhi	Careyaarborea
39	Khais	Brideliaretusa
40	Kurei	Holarrhenaantidysenterica
41	Neem	AzadirachtaIndica
42	Niligir	Eucalyptus globuluslabill
43	Rohin	SoymidaFebrifuga
45	Sunari	Cassia Fistula

The density of vegetation of proposed area is below 40% of Eco-Class-III.

(b)**Fauna:**The Wildlife's noticed in the area are mentioned below:

Animals		
Sl No.	Local /English Name	Scientific Name
1	Leopard	Pantherapardus
2	Elephant	Elephasmaximusindicus
3	Wild Pig	Susscrofacristatus
4	Spotted deer	Axis axisxis
5	Hanuman	Presbytisentlellus entellus
6	Odha	Lutraperspicillataperspicillata
7	Gunduchimusa	FunambulusPennanti
8	Thekua	Lepusnigricollisruficaudatus
9	Bana belie	Felischouskutas
Birds		
1	Peacock	Pavocristatus
2	Bulbul	Pycnonotusbarbatus
3	Parakeet	Melopsittacusundulatus
4	Tentei	Vanellusmalabaricus
5	Koili	Eudynamysscolopaceascolopacea
6	Kubhati	CentropussinensisParroti
7	Kopata	Streptopeliadecaocto

8	DamaraKua	Curvasmacrohyachosculmintatus
9	Haldibasanta	Oriolusorioluskundoo
10	Gunduri	TurnixSuscitator
11	Raj maina	Acridotherestrictistristis
	Snakes	
1	Dhandasapa	Enhydrisenhydris
2	DhamanaSapa	Elephe radiate
3	ChittiSapa	Dendrelaphisahaetulla
4	Naga Sapa	Naga najakothia
5	AjagarSapa	Python molurusmolurus
6	RanaSapa	Bungaruscaeruleus
7	Tree snakes	Lycodonstriatus
8	Chandra bora	Ophiophogushannah
	Lizards	
1	Jhitipiti	Hemidactylusbrooki gray
2	Endua	Hemidactylusmaculatus
3	Gachhaendua	Hemidactylusleschenaulti
4	Godhi	Varanussalvator
	Amphibian.	
1	Common Indian Toad	Bufo melanostictus
2	Marbled Toad	Bufo stomaticus
3	Skippping Frog	Ranacyanophlyctis
4	India Bull Frog	Rana tigerina

7. Tree enumeration:

Plot wise tree enumeration has been carried out jointly by the UA, Forest & Revenue Department in the Forest area applied for diversion. The details enumeration list of 1850 nos trees has been annexed separately with the proposals (*at Annexure-XIV*). The density of vegetation of proposed area is below 40% of Eco-Class-III.

8. Environmental Clearance:

Environmental Clearance (EC) under Environment (Protection) Act, 1986 is not applicable for the proposed project.

9. Cost benefits Analysis:

As the proposed diversion of forest land is less than 20ha, cost benefit analysis is not applicable as per MoEF & CC, Govt. of India guideline, dated 01.08.2017 (Copy enclosed as *Annexure -IV*).

10. Compensatory Afforestation:

Against diversion of 13.465 ha. of forest land, for Compensatory Afforestation purpose, degraded Revenue Forest land over an area 27.001 ha (Twice the area proposed for diversion) has been provided by the Additional District Magistrate, Jharsuguda vide letter No.XVIII-C-44/2021-6316/Rev dt.22.06.2022 at mouzaRaghunathpali, Samasinga and Singibahal under KolabiraTahasil of Jharuguda District (at *Annexure-XVI*). The Kisam of selected land is Jungal i.e. "Jungle, Patra Jungle, Gramya Jungle". The total land is in four patches (Patch-I,II, III& IV).

The Tahasildar, Koabira hasfurnished the certificate that this area is free from encroachment vide his letter No.1508, dt.04.11.2022 (at *Annexure-XVI-A*)

The Compensatory Afforestation Cost estimated to be **Rs.30788280.00**.The detail scheme attached in *Annexure-XVII* of the Diversion Proposal. The suitability certificate, DGPS map and Topo map have been authenticated by the undersigned. The user agency has furnished an undertaking to bear the cost of Compensatory Afforestation (at *Annexure-X*. The Topo Map and DGPS Map of CA land are at Plate No. XIV&XV to XIX respectively of this Diversion Proposal. The KML file of CA land identified is in a CD attached to this Diversion Proposal.

The species proposed for plantation under Compensatory Afforestation Scheme are mentioned below:

Sl No.	Local Name of Species	Botanical Name of Species
1	<i>Asan</i>	<i>Terminaliatomentosa</i>
2	<i>Bela</i>	<i>Aeglemarmelos</i>
3	<i>Khair</i>	<i>Acacia catechu</i>
4	<i>Simili</i>	<i>Bombaxceiba</i>
5	<i>Sunari</i>	<i>Cassia fistula</i>
6	<i>Sisoo</i>	<i>DalbergiaSisoo</i>
7	<i>Pahadisisoo</i>	<i>Dalbergialatifolia</i>
8	<i>Gambhari</i>	<i>Gmelinaarborea</i>
9	<i>Anla</i>	<i>Emblicaofficinalis</i>
10	<i>Arjun</i>	<i>Terminaliaarjuna</i>
11	<i>Jamun</i>	<i>Syzygiumcumini</i>
12	<i>Sal</i>	<i>Shorea Robusta</i>
13	<i>Bara</i>	<i>Ficusbengalensis</i>
14	<i>Pipal</i>	<i>Ficusreligiosa</i>
15	<i>Panas</i>	<i>Artocarpusheterophyllus</i>
16	<i>Any other species suggested by the VSS.</i>	

11. Certificate under Forest right Act, 2006:

The User Agency has submitted the undertaking to furnish Forest Right Act Certificate which is enclosed in *Annexure-XIII/DP*.

12. Resettlement & Rehabilitation:

There will be no displacement of any human habitation so the rehabilitation and resettlement plan is not requirement for this project.

13. Wildlife Management:

The wildlife's noticed in the area are mentioned below:

Animals		
SI No.	Local/English Name of Animal	Scientific Name of Animal
1	Leopard	Pantherapardus
2	Elephant	Elephasmaximusindicus
3	Wild Pig	Susscrofacristatus
4	Spotted deer	Axis axisxis
5	Hanuman	Presbytisentlellus entellus
6	Odha	Lutraperspicillataperspicillata
7	Gunduchimusa	FunambulusPennanti
8	Thekua	Lepusnigricollisruficaudatus
9	Bana belie	Felischouskutas
Birds		
SI No.	Local/English Name of Bird	Scientific Name of Bird
1	Mayur	Pavocristatus
2	Bulbul	Pycnonotusbarbatus
3	Parakeet	Melopsittacusundulatus
4	Tentei	Vanellusmalabaricus
5	Koili	Eudynamysscolopaceascolopacea
6	Kubhati	CentropussinensisParroti
7	Kopata	Streptopeliadecaecto
8	DamaraKua	Curvasmacrohyachosculmintatus
9	Haldibasanta	Oriolusorioluskundoo
10	Gunduri	TurnixSuscitator
11	Raj maina	Acridotherestrististristis
Snakes		
SI No.	Local Name of Snake.	Scientific Name of Snake

1	Dhandasapa	Enhydrisenhydris
2	DhamanaSapa	Elephe radiate
3	ChittiSapa	Dendrelaphisahaetulla
4	Naga Sapa	Naga najakothia
5	AjagarSapa	Python molurusmolurus
6	RanaSapa	Bungaruscaeruleus
7	Tree snakes	Lycodonstriatus
8	Chandra bora	Ophiophogushannah
Lizards		
Sl No.	Local Name of Lizard.	Scientific Name of Lizard
1	Jhitipiti	Hemidactylusbrooki gray
2	Endua	Hemidactylusmaculatus
3	Gachhaendua	Hemidactylusleschenaulti
4	Godhi	Varanussalvator
Amphibian		
Sl No.	English Name of Amphibian.	Scientific Name of Amphibian
1	Common Indian Toad	Bufomelanostictus
2	Marbled Toad	Bufostomaticus
3	Skiping Frog	Ranacyanophlyctis
4	India Bull Frog	Ranatigerina

14. Net Present Value:

The user agency has furnished undertaking to pay the Net Present value (NPV) of the forest land proposed to be diverted for the above project *at Annexure-XI/DP*. Further, the user agency has furnished undertaking to pay the additional amount of Net Present value against the applied diversion of forest land proposed for diversion as per final decision of the Hon'ble Supreme Court of India (*at Annexure-XII/DP*)

15. Violation:

No violation has been committed by the user agency under FC Act-1980.

16. DGPS Map:

The Ministry of Environment, Forest & Climate Change, Govt. of India, in their letter No.F. No.11-9/98 dt.08.07.2011 have issued guidelines that all applications seeking prior approval of the Central Government under Forest (Conservation) Act,1980 for diversion of forest land for non-forestry purpose must be accompanied with Geo-reference boundary in shape file pertaining to forest land proposed for diversion. These documents /maps are required to ensure accurate delineation of the forest area to be diverted. The User Agency in compliance to this order has submitted the required DGPS map of the forest area duly authenticated by the ORSAC

for the proposed diversion of 13.465 Ha. of forest land, which is enclosed as Plate No. *III to XIII*. Further, the KML File and shape file in CD form is also appended of the DP.

17. Others:

- (i) Part-I is enclosed in the DP
- (ii) The Project area has been inspected on 01.11.2022 and the Site Inspection Report is enclosed in in the DP
- (iii) Part-II is enclosed in the DP

18. Recommendation:

Keeping in view of the discussion, 13.465 Ha. forest land proposed for construction of 132 KV D/C Transmission Line from Brajrajnagar to proposed 132/33 KV Grid Sub-Station, Kudaloi, Lakhanpur in the District of Jharsuguda is recommended for diversion in favour of Dy. General Manager (Elect.), EHT (C) Division, Jharsuguda.


Divisional Forest Officer,
Jharsuguda Forest Division.

Memo No. 5940 /dated. 05.11.2022.

Copy forwarded to the Chief Conservator of Forests (Forest Diversion & Nodal Officer, FC Act), O/o the PCCF, Odisha, Bhubaneswar for favor of kind information & necessary action.


Divisional Forest Officer,
Jharsuguda Forest Division.

Memo No. 5941 /dated. 05.11.2022.

Copy forwarded to the Dy. General Manager (Elect.), EHT (C) Division, Jharsuguda for information & necessary action.


Divisional Forest Officer,
Jharsuguda Forest Division.