



ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଠ.  
ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

E.H.T. (C) DIVISION, JHARSUGUDA

AT-Budhipadar, PO: H.Katapali, Dist-Jharsuguda-768202

E-mail: [ehhc.div.jsq@optcl.co.in](mailto:ehhc.div.jsq@optcl.co.in)

No. FC-21/LAKHANPUR / 958 (5)

Date. 16.07.2025

To

The Divisional Forest Officer,  
Jharsuguda Forest Division, Jharsuguda.

Sub: Submission of Compliance to the "Stage-I/in-principle" approval for diversion of **13.465 ha** of forest land for construction of 132 KV D/C Brajarajnagar-Lakhanpur Transmission line in Jharsuguda District, Odisha.

- Ref: 1) Proposal No. FP/OR/TRANS/150350/2021 & Sl. No. OR-0104/2021 dt. 31.12.2021.  
2) Letter No. 5-ORC546/2023-BHU, dated 03.02.2023 of the Dy. Inspector General of Forests (C), MoEF & CC, Integrated Regional Office, Bhubaneswar, Odisha.

Sir,

With reference to the above, this is to bring to your kind notice that, the point wise compliance to the conditions stipulated by MoEF & CC in the "Stage-I/in-principle" Forest clearance of the proposal under reference-1 and granted vide letter under reference-2 for non-forestry use of 13.465 ha of forest land pertaining to construction of 132 KV D/C Brajarajnagar-Lakhanpur Transmission line in Jharsuguda District, Odisha is as per the following.

**A: Conditions which need to be complied prior to handling over of forest land by the State Forest Department.**

**Condition No. I**

The user agency shall transfer online, the Net Present Value (NPV) of 13.465 ha forest land being diverted under this proposal, as per the Orders of Hon'ble Supreme Court of India dated 28.03.2008, 04.04.2008 and 09.05.2008 in Writ Petition (Civil) No. 202/1995 and the guidelines issued by this Ministry vide its letter No. 5-3/2011-FC (Vol-I) dated 06.01.2022 and 9.01.2022. The requisite funds shall be transferred through online portal in CAMPA account of the State concerned.

**Compliance:**

Demand note of Rs 1,28,96,508.00/- was raised vide letter no. 790, dt. 13.02.2023 of DFO, Jharsuguda towards Net Present Value (NPV) over 13.465 Ha. of Forest Land @ Rs. 9,57,780 per Ha. OPTCL has deposited an amount of Rs. 1,28,96,508.00/- towards NPV in Orissa CAMPA account through RTGS vide transaction reference no. SBINR52023022834484240, dt. 28.02.2023. Copy of the demand note, RTGS Slip and challan copies are enclosed as **Annexure-1**.

**Condition No. II**

The identified degraded Revenue Forest Land for raising compensatory afforestation shall be transferred and mutated in the name of Forest Department and notified as RF/PF prior to Stage-II approval.

**Compliance:**

The Degraded Revenue Forest Land identified at villages Raghunathpali (Khata No. 254/770, Plot No. 2874/4451 and 1359/4452), Singhibabal (Khata No. 31/98, Plot No. 375/1068) and Samasingha (Khata No. 475/1668, Plot No. 5024/7469) over an area of 27.001 Ha. or 66.720 Ac. have been mutated in favor of State Forest Department. The copy of the RoR is being enclosed as **Annexure-2**. Documents in connection with PF notification against CA land have been submitted to Jharsuguda Forest Division vide letter no. 246, dt. 10.04.2025 of DGM (Elec), EHT (C) Division, OPTCL, Jharsuguda. The copy of letter is enclosed as **Annexure-3**.

**Condition No. III**

**The land identified for the purpose of Compensatory Afforestation shall be clearly depicted on a Survey of India Topo sheet of 1:50,000 scale.**

**Compliance:-**

The Degraded Revenue Forest Land identified at villages Raghunathpali, Singhibabal and Samasingha over an area of 27.001 Ha. Or 66.720 Ac for the purpose of Compensatory Afforestation has been depicted on Survey of India Topo sheet No. **F45M1** (in 1:50,000 scale) and attached as **Annexure-4**.

**Condition No. IV**

**The KML files of the area to be diverted and the CA areas shall be uploaded on the e-Green watch portal with all requisite details before issuing working permission towards linear projects or submitting compliance report for seeking Stage-II approval, as the case may be.**

**Compliance:-**

The KML file of the area to be diverted and the Degraded Forest Land identified for the purpose of Compensatory Afforestation has been uploaded in the e-Green watch portal.

**Condition No. V**

**The user agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage rate in consultation with State Forest Department in the account of CAMPA of the concerned State through online portal. The scheme may include appropriate provision for anticipated cost increase for works Schedule for subsequent years.**

**Compliance:-**

The compensatory afforestation scheme prepared over 27.001 Ha. of Degraded Revenue Forest Land identified in villages Raghunathpali, Singhibabal and Samasingha under Kolabira Tahasil has been technically approved by PCCF (FD & NO, FC Act) as per approved one-time cost norm with a total financial outlay of Rs. 2,80,03,400/- vide Memo No. 2466, dt. 08.02.2023. Accordingly Demand letter has been issued to the user agency vide Letter No. 787, dt. 13.02.2023 of DFO, Jharsuguda. The user agency has deposited an amount of Rs. 2,80,03,400/- in Orissa CAMPA account through RTGS vide transaction reference no. SBINR52023022834484240, dt. 28.02.2023. The copy of the compensatory afforestation scheme included provision for anticipated cost increase for 10 years. Copy of demand letter, scheme, Payment details of RTGS Slip are enclosed as **Annexure-5**.

**Condition No. VI**

**The user agency in consultation with the State Forest Department shall prepare a detailed scheme for creation and maintenance of plantation of dwarf species (preferably medicinal species) in right of way under the transmission line, and provide funds for execution of the said scheme by the State Forest Department.**

**Compliance:**

The dwarf plantation scheme has been prepared in consultation with the Divisional Forest Officer, Jharsuguda Forest Division, Jharsuguda which has been technically approved by the RCCF, Sambalpur vide memo no. 429, dt. 02.03.2023. Accordingly, as per the demand note issued by Divisional Forest Officer, Jharsuguda Forest Division, Jharsuguda vide letter no. 1355, dt. 04.03.2022. OPTCL has deposited an amount of Rs 26,70,019.00 towards implementation of Dwarf plantation scheme. The copy of the demand notes and payment details are enclosed as **Annexure-6**.

**Condition No. VII**

All the funds received from the user agency under the project shall be transferred/ deposited in CAMPA account only through e-portal (<https://parivesh.nic.in/>). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance.

**Compliance:**

All the funds towards the compensatory levies in respect of this project have been deposited in CAMPA account only through e-portal (<https://parivesh.nic.in/>). An undertaking in this regard is furnished as **Annexure-**

**7.**

**Condition No. VIII**

The compliance report of the Stage-I approval shall be uploaded on e-portal (<https://parivesh.nic.in/>).

**Compliance:**

In compliance to this condition an undertaking is enclosed as **Annexure-8**.

**Condition No. IX**

The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector.

**Compliance:**

NOC under FRA, 2006 has been issued by District Welfare Officer, Jharsuguda vide letter no. 360, dt. 20.02.2024. The copy of the FRA certificate is enclosed as **Annexure-9**.

**Condition No. X**

The boundary of the Proposed Forest land for diversion shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates.

**Compliance:**

The boundary of the Forest land, to be diverted has been demarcated on ground by erecting 4 feet high RCC pillars. Each pillar has been inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates. Photo copies of the same are enclosed as **Annexure-10**.

***B: Conditions which need to be strictly complied on field after handing over of forest land to the user agency by the State Forest Department but the compliance in form of undertaking shall be submitted prior to Stage-II approval.***

**Condition No. I**

Legal status of forest land proposed for diversion shall remain unchanged.

**Compliance:**

The Legal status of the forest land will remain unchanged. An undertaking to this effect has been submitted as **Annexure-11**.

**Condition No. II**

Compensatory afforestation shall be raised over 27.001 ha. (66.720 Ac) of degraded Revenue Forest land identified in village Raghunathpalli (40.4852 Ac.), Singhibabal (5.013 Ac.) and Samasingha (21.225 Ac.) under Kolabira Tahasil of Jharsuguda District of Jharsuguda Forest division within three years from the date of Stage-II Clearance and maintained thereafter by the State Forest Department, at the cost of user agency. The species to be planted in the CA scheme shall be of native species of the area. At least 18 month old seedlings should be planted. Intensive monitoring of the plantation needs to be done and documented using Geo tagging so that the increasing of canopy density and survival and growth of plantation can be evaluated at regular intervals.

**Compliance:**

Compensatory afforestation Scheme over an area of 27.001 Ha. Identified in village Raghunathpalli (40.4852 Ac.), Singhibabal (5.013 Ac.) and Samasingha (21.225 Ac.) under Kolabira Tahasil of Jharsuguda District has been technically approved by PCCF (FD & NO, FC Act) as per approved one-time cost norm with a total financial outlay of 2,80,03,400/- vide Memo No. 2466, dt. 08.02.2023. Accordingly Demand letter has been issued to the user agency vide Letter No. 787, dt. 13.02.2023 of DFO, Jharsuguda. The user agency has deposited an amount of Rs. 2,80,03,400/- in Orissa CAMPA account through RTGS vide transaction reference no. SBINR52023022834484240, dt. 28.02.2023. The copy of the compensatory afforestation scheme included provision for anticipated cost increase for 10 years. Copy of demand letter, scheme, Payment details of RTGS Slip are enclosed as **Annexure-5**. On receipts of funds from State CAMPA, the compensatory afforestation will be raised by the Forest Department within three years from the date of Stage-II Clearance and maintenance will be carried out for 10 years as per approved scheme.

**Condition No. III**

At the time of payment of Net Present Value (NPV) at the 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.

**Compliance:**

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 has been submitted as **Annexure-12**.

**Condition No. IV**

The base of towers in forest area to be fenced with barbed wire to avoid elephant electrocution/ death of wild animals especially in forest areas. The concerned DFO shall inspect the area and shall take a decision as to the specific towers which shall be fenced with barbed wire along leg of the towers.

**Compliance:**

An undertaking has been submitted as **Annexure-13**.

**Condition No. V**

In hilly slope areas, sufficient ground clearance has to be maintained with additional height of towers in consideration of the sag and swing of lines and height of elephants to stop untoward incidence of electrocution as per existing guidelines of MoEF& CC dated 05.05.2014 and 19.11.2014.

**Compliance:**

An undertaking has been submitted as **Annexure-14** that, in hilly slope areas sufficient ground clearance will be maintained with additional height of towers in consideration of the leg and swing of lines and height of elephants to stop untoward incidence of electrocution as per existing guidelines of MOEF&CC dated 05.05.2014 and 19.11.2014.

**Condition No. VI**

The State Govt./ user agency shall submit Stage-I compliance report of all pending projects of OPTCL within six months.

**Compliance:**

OPTCL shall submit Stage-I compliance report of all pending projects within six months.

**Condition No. VII**

Joint patrolling shall be carried out by Forest Department & Electricity Department to detect sagging of the electric line periodically.

**Compliance:**

An undertaking has been submitted vide **Annexure-15** that Joint patrolling shall be carried out by Forest Department & Electricity Department to detect sagging of the electric line periodically. if any sagging of electric line detected by the Joint Patrolling team (Forest Department & Electricity Department) the same shall be rectified at the earliest.

**Condition No. VIII**

The user agency shall conduct monthly co-ordination meeting with the concerned DFO.

**Compliance:**

An undertaking has been submitted vide **Annexure-16** that monthly co-ordination meeting shall be conducted with the concerned DFO.

**Condition No. IX**

The user agency at its cost shall provide bird deflectors, which are to be fixed on upper conductor of transmission line at suitable intervals to avoid bird hits.

**Compliance:**

An undertaking has been submitted as **Annexure-17** that, at the project cost bird deflectors shall be provided, which are to be fixed on upper conductor of transmission line at suitable intervals to avoid bird hits.

**Condition No. X**

The user agency shall explore the possibility of successful transplantation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department.

**Compliance:**

An undertaking has been submitted vide **Annexure-18** that, OPTCL shall explore the possibility of successful transplantation of maximum number of trees identified to be felled and shall be planted alongside the road and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department.

**Condition No. XI**

**The user agency shall comply with the guidelines for laying transmission lines through forest areas issued by Ministry vide letter No.7-25/2012-FC dated 05.05.2014 and 19.11.2014.**

**Compliance:**

An undertaking has been submitted vide **Annexure-19** that, OPTCL shall comply with the guidelines for laying transmission lines through forest area issued by ministry vide letter no.7-25/2012-FC dated 05.05.2014 and 19.11.2014.

**Condition No. XII**

**The user agency shall obtain Environmental Clearance as per the provisions of Environment (Protection) Act 1980, if applicable.**

**Compliance:**

Environmental Clearance is not applicable for the transmission line as the same is not under any category of projects under EIA notification 2006. Copy of document supporting exemption of transmission line is hereby enclosed as **Annexure-20**.

**Condition No. XIII**

**No labour camp shall be established on the forest land and the user agency shall provide fuels 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.**

**Compliance:**

An undertaking has been submitted vide **Annexure-20** that, no labour camp shall be established on the forest land and the user agency shall provide fuels 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.

**Condition No. XIV**

**No additional or new path will be constructed inside the forest area for any activity related to the project work.**

**Compliance:**

No additional or new path shall be allowed to construct inside the forest area for any activity related to the project work. An undertaking to this effect has been submitted vide **Annexure-21**.

**Condition No. XV**

The user agency while executing works, shall not fell any tree or damage forest growth in the surrounding forest area in any manner.

**Compliance:**

While executing works, OPTCL shall not fell any tree or damage forest growth in the surrounding forest area in any manner. An undertaking to this effect has been submitted vide **Annexure-22**.

**Condition No. XVI**

The layout plan of the proposed forest land shall not be changed without prior approval of Ministry of Environment, Forest & Climate Change.

**Compliance:**

The layout plan of the proposed forest land shall not be changed without the prior approval of Ministry of Environment, Forest & Climate Change. An undertaking to this effect has been submitted vide **Annexure-23**.

**Condition No. XVII**

The forest land shall not be used for any purpose other than that specified in the proposal.

**Compliance:**

The forest land shall not be used for any purpose other than that specified in the proposal. An undertaking to this effect has been submitted vide **Annexure-24**.

**Condition No. XVIII**

The forest land proposed to be diverted shall under no circumstances be transferred to any other user agency, department or person without the prior approval of Ministry of Environment, Forest & Climate Change.

**Compliance:**

The forest land proposed to be diverted shall under no circumstances be transferred to any other user agency, department or person without the prior approval of Ministry of Environment, Forest & Climate Change. Further an undertaking to this effect has been submitted vide **Annexure-25**.

**Condition No. XIX**

No damage to the flora and fauna of the adjoining area shall be caused.

**Compliance:**

An undertaking has been submitted vide **Annexure-26**.

**Condition No. XX**

The concerned Divisional Forest Officer, will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area.

**Compliance:**

An undertaking vide **Annexure-27** has been submitted that, OPTCL shall co-operate with Divisional Forest Officer, Jharsuguda Forest Division as and when required to abide the condition.

**Condition No. XXI**

The user agency shall submit annual self-monitoring report on compliance of stipulated conditions to the Nodal Officer (FCA) OF THE State and concerned Integrated Regional Office of this Ministry by the end of March every year.

**Compliance:**

The user agency shall submit annual self-monitoring report on compliance of stipulated conditions to the Nodal Officer (FCA) of the State and Integrated Regional Office of MoEF&CC, Gol, Bhubaneswar by the end of March every year. An undertaking to this effect has been submitted vide **Annexure-28**.

**Condition No. XXII**

**Any other conditions that the Ministry of Environment, Forests & Climate Change may impose from time to time in the interest of afforestation, conservation and management of flora and fauna in the area shall be complied by the user agency.**

**Compliance:**

An undertaking has been submitted vide **Annexure-29** that, OPTCL shall comply any other conditions that the Ministry of Environment, Forests & Climate Change may impose from time to time in the interest of afforestation, conservation and management of flora and fauna in the area.

**Condition No. XXIII**

**The State Govt. and user agency shall ensure compliance to provisions of the all Acts, Rules, Regulations, Guidelines, NGT Order (s) & Hon'ble Court Order(s) pertaining to this project, if any, for the time being in force, as applicable to the project.**

**Compliance:**

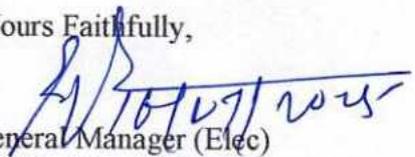
An undertaking vide **Annexure-30** has been submitted that, OPTCL shall ensure compliance to provisions of the all Acts, Rules, Regulations, Guidelines, NGT Order (s) & Hon'ble Court Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project. Further, the undersigned will follow the compliance to the conditions.

In the above context, the compliance report is submitted herewith for favor of your kind information and onward submission for Stage-II approval.

With Regards

Encl: 5 (Five) sets of compliance report.

Yours Faithfully,

  
Dy. General Manager (Elec)  
EHT (C) Division, Jharsuguda  
Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda

CC to:

- 1) SDO, EHT(C) Sub-Division, Jharsuguda for information and necessary action.
- 2) General Manager (Elec), EHT (C) Circle, OPTCL, Sambalpur for kind information.
- 3) Chief General Manager (CMC), OPTCL, Bhubaneswar for kind information.
- 4) M/s Centre for Envotech and Management Consultancy Pvt. Ltd., N/5-305, IRC Village, Nayapalli, Bhubaneswar-751015 for information and necessary action.

Email: [cemc\\_consultancy@yahoo.co.in](mailto:cemc_consultancy@yahoo.co.in) / [cemc122@gmail.com](mailto:cemc122@gmail.com)



ଜଙ୍ଗଲ, ପରିବେଶ ଓ ଜଳ ବାୟୁ ପରିବର୍ତ୍ତନ ବିଭାଗ, ଓଡ଼ିଶା ସରକାର

ଖଣ୍ଡାଇ ବନାଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ ଝାରସୁଗୁଡ଼ା ବନଖଣ୍ଡ ।

ଇମେଲ.- [dfc.jharsuguda@odisha.gov.in](mailto:dfc.jharsuguda@odisha.gov.in), ଦୂର ଭାଷା/ ପ୍ୟା.ନଂ-୦୭୭୪୫-୨୯୫୦୪୦ ।

No. ୭୭୦ /4F (Misc.),  
Dated Jharsuguda the 13<sup>th</sup> Feb, 2023.

To,

The Dy. General Manager (Elect.),  
EHT (Construction) Division, OPTCL, Jharsuguda.

Sub: - 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. Reg-demand for Net Present Value(NPV).

- Ref: - (i) Stage -I / in principle Order No.5-ORC546/2023-BHU, dt. 03<sup>rd</sup> February, 2023 of the Ministry of Environment, Forests and Climate Change, IRO, Bhubaneswar, Govt. of India.  
(ii) Letter No.2396/FE&CC, dt.08.02.2023 of the OSD-Cum-Special Secretary to Govt., Govt. of Odisha, F,E&CC Department.  
(iii) Memo No.2466/9F(Trans)-381/2022, dt.08.02.2023 of the Conservator of Forests(Nodal), O/o the PCCF & HoFF, Odisha, Bhubaneswar.

Sir,

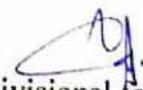
In inviting a kind reference to the letters cited above on the captioned subject, you are requested to deposit of amount **Rs.1,28,96,508.00 (Rupees One Crore Twenty Eighty Lakh Ninety Six Thousand Five Hundred Eight)** only toward the cost of Net Present Value (NPV) in the CAMPA account through using online portal. The calculation of Net Present Value is furnished below:

Sl No	Particulars	To be diverted of forest land (in Ha.)	Stage-I /in-principle Condition No.	Eco-Value Class of the forest crop.	Canopy density of the forest crop.	NPV/ per Ha(in Rs.)	Amount applicable, (in Rs.) (Col No.3x7=8)
1	2	3	4	5	6	7	8
1	NPV	13.465	2.A(i)	Class-III	< 0.4%	9,57,780.00	1,28,96,507.70 or 1,28,96,508.00

Further, the evidence of depositing the amount may be forwarded to the undersigned for further needful action at this end.

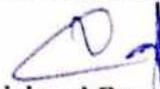
Encl: as above.

Yours faithfully,

  
Divisional forest officer,  
Jharsuguda Forest Division.

Memo No 79 / Dated. 13 .02.2023.

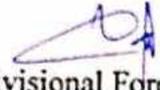
Copy forwarded to the Principal Chief Conservator of Forests (Forest Diversion & Nodal Officer, FC Act.), O/o the PCCF & HoFF, Odisha, BBSR for favour of kind information & necessary action.



Divisional Forest Officer,  
Jharsuguda Forest Division.

Memo No 792 / Dated. 13 .02.2023.

Copy forwarded to the Regional Chief Conservator of Forests, Sambalpur for favour of kind information & necessary action.



Divisional Forest Officer,  
Jharsuguda Forest Division.



भारतीय स्टेट बैंक  
STATE BANK OF INDIA

Counter foil

Branch Thaneswar

Date 28.02.2023

Received ₹ 40899908/-

From EMT. (U) VIN. OPT. 4 JS9

For remittance of NEFT/RTGS by way of

(i) Transfer (only NEFT), (ii) Cash (only

NEFT), (iii) Cheque (NEFT/RTGS) using

cheque No. 5A6617

favouring ORRISA CAMPA

A/c No. 1508264150350895

IFSC Code UBIN0996335

Beneficiary Bank & Branch Union Bank

029nd19, Fcs centre, Itanagar

Bengaluru

7409869

SEI 40899908/-

28 Feb 2023

ninety nine thousand nine hundred and eight

For JOURNAL NO.

UTR/RECKER ID NO

Branch Manager

## AGENCY COPY



## NEFT / RTGS CHALLAN for CAMPA Funds

Date : 27-02-2023

Agency Name.	OPTCL
Application No.	64150350895
MoEF/SG File No.	5-ORC546/2023-BHU
Location.	ORRISA
Address.	EHT (Construction) Division, OPTCL, JharsugudaJharsuguda
Amount(in Rs)	40899908/-

**Amount in Words** :Four Crore Eight Lakh Ninety-Nine Thousand Nine Hundred and Eight Rupees Only

**NEFT/RTGS to be made as per following details;**

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0996335
Pay to Account No.	1508264150350895 <b>Valid only for this challan amount.</b>
Bank Name & Address:	Union Bank Of India FCS Centre,21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

## BANK COPY

## NEFT / RTGS CHALLAN for CAMPA Funds

Date : 27-02-2023

Agency Name.	OPTCL
Application No.	64150350895
MoEF/SG File No.	5-ORC546/2023-BHU
Location.	ORRISA
Address:	EHT (Construction) Division, OPTCL, Jharsuguda Jharsuguda
Amount(in Rs)	40899908/-

**Amount in Words** :Four Crore Eight Lakh Ninety-Nine Thousand Nine Hundred and Eight Rupees Only

**NEFT/RTGS to be made as per following details;**

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0996335
Pay to Account No.	1508264150350895 <b>Valid only for this challan amount.</b>
Bank Name & Address:	Union Bank Of India FCS Centre, 21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

**Note:**After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: [fcsblr@unionbankofindia.bank](mailto:fcsblr@unionbankofindia.bank) , [epurse@unionbankofindia.bank](mailto:epurse@unionbankofindia.bank), [ubin0903710@unionbankofindia.bank](mailto:ubin0903710@unionbankofindia.bank)



ଓଡ଼ିଶା କାର୍ଯ୍ୟାଳୟ, କୋଲାବିରା  
OFFICE OF THE TAHASILDAR, KOLABIRA  
DISTRICT- JHARSUGUDA (ODISHA) PIN: 768213  
E-mail : [tah.kolabira-od@nic.in](mailto:tah.kolabira-od@nic.in)

Letter No. 1734 / Date: 27/12/2024

To  
The Divisional Forest Officer,  
Jharsuguda Forest Division.

Sub- Submission of RoR measuring an area Ac 66.720 dec for compensatory afforestation in lieu of diversion of 13.465 Ha. of Forest land for Construction of 132 KV D/C Transmission line from Brajrajnagar to proposed 132/33 KV Sub Grid Kudaloi under Lakhanpur Tahasil.

Ref:- Your Office Letter No-1421/09.03.2023

Sir,

With reference to the letter on the subject cited above, I am to submit herewith the RoR copy of the following Schedule of Revenue Forest Land for Compensatory Afforestation towards diversion of 13.465 Ha of Forest land for construction of 132 KV Transmission Line from Brajrajnagar to Proposed 132/KV Grid Sub-station, Kudaloi, Lakhanpur in Jharsuguda District. The details of RoR is given below.

LAND SCHEDULE

Sl. No	Mouza	Khata No	Plot No	Kisam	Allotted Area of the plot in Ac
1	Raghunathpali	254/770	2874/4451	Gramya Jungle	30.956
			1359/4452	Patra Jungle	9.526
2	Singhibahal	31/98	375/1068	Patra Jungle	5.013
3	Samasingha	475/1668	5024/7469	Gramya Jungle	21.225
Total					66.720

The receipt of the above 3no of RoR copy may kindly be acknowledged.

Yours faithfully,

  
Tahasildar, Kolabira  
27/12/24

Memo No 1735 Dt:- 27/12/2024

Copy to the DGM, EHT Construction Division OPTCL, Jharsuguda for information and necessary action.

  
Tahasildar, Kolabira  
27/12/24

Memo No 1736 Dt- 27/1/2024

Copy Submitted to the ADM, Jharsuguda/Collector, Jharsuguda for information and necessary action.

  
Tahasildar, Kalabira

ମୌଜା : ସମାସିଂଘା

ତହସିଲ : କୋଲାବିରା

ଥାନା : କୋଲାବିରା

ତହସିଲ ନମ୍ବର : 38

ଥାନା ନମ୍ବର : 38

ଜିଲ୍ଲା : ଖାରସୁଗୁଡ଼ା

ଜମିଦାରଙ୍କ ନାମ ଓ ଖେମ୍ପାଟ ବା ଖତିୟାନର କ୍ରମିକ ନମ୍ବର	ଓଡ଼ିଶା ସରକାର ।
୧) ଖତିୟାନର କ୍ରମିକ ନଂ	475/1668
୨) ପ୍ରକାର ନାମ, ପିତାର ନାମ, ଜାତି ଓ ବାସସ୍ଥାନ	ଜଙ୍ଗଲ ଏବଂ ପରିବେଶ ବିଭାଗ ଓଡ଼ିଶା ସରକାର ଭୁବନେଶ୍ୱରଙ୍କ ତରଫରୁ ବନଖଣ୍ଡ ଅଧିକାରୀ ଖାରସୁଗୁଡ଼ା

୩) ସ୍ୱତ୍ୱ	ସରକାରୀ ମାହାଲ					
୪) ଦେୟ	ଜଳକର	ଖାଜଣା	ସେସ	ନିଷ୍କାର ସେସ ଓ ଅନ୍ୟାନ୍ୟ ସେସ ଯଦି କିଛି ଥାଏ	ମୋଟ	୫) କମ୍ପରସ୍‌ନଶାଳ ଖଜଣାର ବିବରଣୀ
		0.00	0.00	0.00	0.00	

୬) ବିଶେଷ ଅନୁସଙ୍ଗ ଯଦି କିଛି ଥାଏ

ଏଲାଇନେସନ କେଶ ନଂ 07/2023, ତା: 17.12.2024 ହୁକୁମ ମୁତାବକ ପୂର୍ବ ନଂ 5024 ରୁ ରକବା ଏ 21.2250 ଟି ପୁରାତନ ଖାତା ନଂ 487 ରୁ ଆସିଲା ।

*[Signature]*  
ତହସିଲଦାର  
କୋଲାବିରା

BLANK SPACE FOR STAMPING



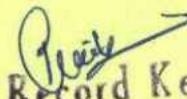
ଅତିନ ପ୍ରକାଶନ ତାରିଖ :  
ଖାଜଣା ଧାର୍ଯ୍ୟ ତାରିଖ :

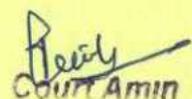
ଖତିୟାନର କ୍ରମିକ ନଂ : 475/1668		ମୌଜା : ସମାସିଂଘା			କିଲା : ଖାରସୁଗୁଡ଼ା	
ପୁର ନମ୍ବର ଓ ଚକର ନାମ	କିସମ ଓ ପୁରର ଖଜଣା	କିସମର ବିଭାଗିତ ବିବରଣୀ ଓ ଚୌହଦି	ରଜବା			ମତବ୍ୟ
			ଏକର	ଡ଼ି	ହେକ୍ଟର	
୭	୮	୯	୧୦	୧୧	୧୨	
5024/7469	ଜଙ୍ଗଲ	ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ	21	225	8.5895	
I ପୁର			21	225	8.5895	

  
 ତହସିଲଦାର  
 କୋଲାବିରା

ରାଷ୍ଟ୍ରୀୟ ସୂଚନା ବିଜ୍ଞାନ କେନ୍ଦ୍ର, ଓଡ଼ିଶା

26.12/2024

  
 Record Keeper  
 KOLABIRA

  
 Court Amin  
 Tahasil, Kolahira

ଖତିୟାନ

ମୌଜା : ସିଝିବାହାଲ

ତହସିଲ : କୋଲାବିରା

ଥାନା : କୋଲାବିରା

ତହସିଲ ନମ୍ବର : 262

ଥାନା ନମ୍ବର : 92

ଜିଲ୍ଲା : ଝାରସୁଗୁଡ଼ା

ଜମିଦାରଙ୍କ ନାମ ଓ ଖେଡ଼ାଟ ବା ଖତିୟାନର କ୍ରମିକ ନମ୍ବର	ଓଡ଼ିଶା ସରକାର ।
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୧) ଖତିୟାନର କ୍ରମିକ ନଂ	31/98
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୨) ପ୍ରକାର ନାମ, ପିତାର ନାମ, ଜାତି ଓ ବାସସ୍ଥାନ	ଜଙ୍ଗଲ ଏବଂ ପରିବେଶ ବିଭାଗ ଓଡ଼ିଶା ସରକାର ଭୁବନେଶ୍ୱର କ ତରଫରୁ ବନଖଣ୍ଡ ଅଧିକାରୀ ଝାରସୁଗୁଡ଼ା
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୩) ସ୍ୱତ୍ୱ	ସରକାରୀ ମାହାଲ
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୪) ଦେୟ	ଜଳକର	ଖଜଣା	ସେସ	ନିଷ୍କାର ସେସ ଓ ଅନ୍ୟାନ୍ୟ ସେସ ଯଦି କିଛି ଥାଏ	ମୋଟ	୫) କ୍ରମବର୍ଦ୍ଧନଶୀଳ ଖଜଣାର ବିବରଣୀ

୬) ବିଶେଷ ଅନୁସଙ୍ଗ ଯଦି କିଛି ଥାଏ	ଏଲାଇନେସନ କେଶ ନଂ 07/2023, ତା: 17.12.2024 ହୁକୁମ ମୁତାବକ ପୁଟ ନଂ 375/1068 ରକବା ଏ 5.0130 ଡି ପୁରାତନ ଖାତା ନଂ 43 ରୁ ଆସିଲା ।
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*[Handwritten Signature]*  
ତହସିଲଦାର  
କୋଲାବିରା

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ଅତିମ ପ୍ରକାଶନ ତାରିଖ :

ଖଜଣା ଧାର୍ଯ୍ୟ ତାରିଖ :

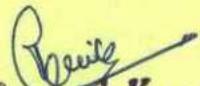


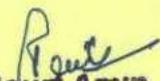
ଖତିୟାନର କ୍ରମିକ ନଂ : 31/98		ମୌଜା : ସିଦ୍ଦିବାହାଲ			ଜିଲ୍ଲା : ଝାରସୁଗୁଡ଼ା
ପୁର ନମ୍ବର ଓ ଚକର ନାମ	କିସମ ଓ ପୁରର ଖଜଣା	କିସମର ବିସ୍ତାରିତ ବିବରଣୀ ଓ ଚୌହୁଦି	ରକବା		ମତବ୍ୟ
			ଏକର	ଫି	
୭	୮	୯	୧୦	୧୧	୧୨
375/1068	ପତ୍ରା ଜଙ୍ଗଲ ପୁର		5.013		2.0287
I ପୁର			5.013		2.0287

  
 ଖତିୟାନ  
 କୋଲାବିରା

ରାଷ୍ଟ୍ରୀୟ ସୂଚନା ବିଜ୍ଞାନ କେନ୍ଦ୍ର, ଓଡ଼ିଶା

26/12/2024

  
 Record Keeper  
 KOLABIRA

  
 Court Amin  
 Tahasil, Kolabira

ଖତିୟାନ

ମୌଜା : ରଘୁନାଥପାଲି

ତହସିଲ : କୋଲାବିରା

ଥାନା : କୋଲାବିରା

ତହସିଲ ନମ୍ବର : 259

ଥାନା ନମ୍ବର : 89

ଜିଲ୍ଲା : ଝାରସୁଗୁଡ଼ା

ଜମିଦାରଙ୍କ ନାମ ଓ ଖେମ୍ବୱାଟ ବା ଖତିୟାନର କ୍ରମିକ ନମ୍ବର	ଓଡ଼ିଶା ସରକାର ।
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୧) ଖତିୟାନର କ୍ରମିକ ନଂ	254/770
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୨) ପ୍ରକାର ନାମ, ପିତାର ନାମ, ଜାତି ଓ ବାସସ୍ଥାନ	ଜଙ୍ଗଲ ଏବଂ ପରିବେଶ ବିଭାଗ ଓଡ଼ିଶା ସରକାର ଭୁବନେଶ୍ୱର ଲକ୍ଷ୍ମୀଚନ୍ଦ୍ର ବନଖଣ୍ଡ ଅଧିକାରୀ ଝାରସୁଗୁଡ଼ା
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୩) ସ୍ୱତ୍ୱ	ସରକାରୀ ମାହାଲ
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୪) ବେସ	ଜଳକର	ଖଜଣା	ସେସ	ନିଷ୍କାର ସେସ ଓ ଅନ୍ୟାନ୍ୟ ସେସ ଯଦି କିଛି ଥାଏ	ମୋଟ	୫) କ୍ରମବର୍ଦ୍ଧନଶୀଳ ଖଜଣାର ବିବରଣୀ

୬) ବିଶେଷ ଅନୁସଙ୍ଗ ଯଦି କିଛି ଥାଏ	ଏଲାଇନେସନ କେଶ ନଂ 07/2023, ତା: 17.12.2024 ହୁକୁମ ମୁତାବକ ପ୍ଲଟ ନଂ 2874/4451 ରକବା ଏ 30.9560 ହି ପୁରାତନ ଖାତା ନଂ 269 ରୁ ଆସିଲା । ଏଲାଇନେସନ କେଶ ନଂ 07/2023, ତା: 17.12.2024 ହୁକୁମ ମୁତାବକ ପ୍ଲଟ ନଂ 1359/4452 ରକବା ଏ 9.5260 ହି ପୁରାତନ ଖାତା ନଂ 271 ରୁ ଆସିଲା ।
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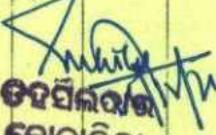


ଅତିରିକ୍ତ ପ୍ରକାଶନ ତାରିଖ :

ଖଜଣା ଧାର୍ଯ୍ୟ ତାରିଖ :

*(Signature)*  
ତହସିଲଦାର  
କୋଲାବିରା

ଖତିୟାନର କ୍ରମିକ ନଂ : 254/770		ମୌଜା : ରଘୁନାଥପାଲି			ଜିଲ୍ଲା : ଝାରସୁଗୁଡ଼ା	
ପୁର ନମ୍ବର ଓ ଚକର ନାମ	କିସମ ଓ ପୁରର ଖଜଣା	କିସମର ବିସ୍ତାରିତ ବିବରଣୀ ଓ ଚୌହଦି	ରକବା			ମତବ୍ୟ
			ଏକର	ଡ଼ି	ହେକ୍ଟର	
୭	୮	୯	୧୦	୧୧	୧୨	
2874/4451	ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ		30	956	12.5275	
1359/4452	ପତ୍ରା ଜଙ୍ଗଲ ଦୁଇ		୨	526	3.8550	
2 ପୁର			40	482	16.3825	

  
 ଚଉପିଲର  
 ଜୋଲବିରା

ରାଷ୍ଟ୍ରୀୟ ସୂଚନା ବିଜ୍ଞାନ କେନ୍ଦ୍ର, ଓଡ଼ିଶା

26/12/2024

  
 Record Keeper  
 10/12/2024

  
 Court Amin  
 Tahasil, Kolabira



ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଠ.  
ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

E.H.T. (C) DIVISION, JHARSUGUDA

AT-Budhipadar, PO: H.Katapali, Dist-Jharsuguda-768202

E-mail: [ehhc.div.jsq@optcl.co.in](mailto:ehhc.div.jsq@optcl.co.in)

No. FC-21/LAKHANPUR / 246 (5)

Date. 10.04.2025

To

The Divisional Forest Officer,  
Jharsuguda Forest Division, Jharsuguda.

Sub: Submission of documents for PF notification in regard to "Stage-I/in-principle" approval on FDP of 13.465 ha forest land within the corridor of 132 KV D/C Brajarajnar-Lakhanpur Transmission line.

Ref: 1) LOA No. Sr. G.M-CPC-I-e\_Tender-(FDP)-Pkg-08(I)/2020-21/32/2020/24, dt. 04.01.2021 of CGM (CPC), OPTCL, Bhubaneswar.

2) Proposal No. FP/OR/TRANS/150350/2021 & Sl. No. OR-0104/2021 dt. 31.12.2021.

3) Letter No. 5-ORC546/2023-BHU, dated 03.02.2023 of the Dy. Inspector General of Forests (C), MoEF & CC, Integrated Regional Office, Bhubaneswar, Odisha.

4) Letter No. 1734, dt. 27.12.2024 of Tahasildar, Kolabira.

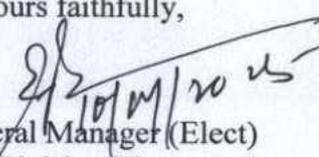
5) Memo No. 9998, dt. 13.05.2022 of CCF, Forest Diversion & Nodal Officer, F.C. Act, Govt. of Odisha, Bhubaneswar.

Sir,

With reference to the above, please find enclosed herewith the documents in connection with PF notification of compensatory afforestation land of area 66.72 Acre in Mouza-Raghnathpali, Singibahal and Samasingha of Kolabira Tahasil in lieu of diversion of 13.465 ha forest land within the corridor of 132 KV D/C Brajarajnar-Lakhanpur Transmission line.

This is for favour of your kind information and necessary action.

Yours faithfully,

  
Dy. General Manager (Elect)  
EHT (C) Division, Jharsuguda.

CC to:

1. SDO, EHT (C) Sub-Division, Jharsuguda for information and necessary action.
2. General Manager (Elec), EHT (C) Circle, OPTCL, Sambalpur for kind information.
3. Sr. General Manager (Elec), CMC, OPTCL, Bhubaneswar for kind information.
4. Executive Director, Zonal Office, OPTCL, Burla for kind information.

**TOTO MAP SHOWING COMPENSATORY AFFORESTATION AREA (26.955HA) IN VILLAGE :RAGHUNATHPALI, SAMASINGHA & SINGIBAHAL UNDER KOLABIRA TAHASIL OF JHARSUGUDA DISTRICT IN LIEU OF DIVERSION OF FOREST LAND OF 13.465 HA FOR CONSTRUCTION OF 132KV D/C TRANSMISSION LINE FROM BRAJARAJNAGAR TO LAKHANPUR BY OPTCL UNDER JHARSUGUDA FOREST DIVISION.**



**LEGEND**

- PATCH -1
- PATCH-2
- PATCH-3
- PATCH-4

*[Signature]*  
 Divisional Forest Officer  
 Jharsuguda Forest Division

*[Signature]*  
 Dy General Manager (Elect.)  
 EHT Construction Division  
 OPTCL, Jharsuguda

**AREA STATISTICS**

SL. NO.	PATCH NO	ALLOTTED AREA AC.	ALLOTTED AREA HA.	MAP AREA HA.
1	1	5.013	2.029	2.029
2	2	9.526	3.855	3.855
3	3	30.956	12.482	12.482
4	4	21.225	8.589	8.589
<b>TOTAL CA LAND AREA</b>		<b>66.72</b>	<b>26.956</b>	<b>26.955</b>

**PREPARED BY :-**  
 Centre for Envotech & Management  
 Consultancy Pvt. Ltd. Bhubaneswar.

*[Signature]*  
 Forest Range Officer  
 Kolabira Range

*[Signature]*  
 Tahasildar  
 Kolabira



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 Scale 1:50,000

F44L16	F45G4	F45G8
F44R13	F45M1	F45M5
F44R14	F45M2	F45M6

1 Raigarh, CHHATTISGARH.  
 2 Baragarh, ORISSA.  
 3 Deogarh, ORISSA.

**भारतीय सर्वेक्षण विभाग** SURVEY OF INDIA

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**CONVENTIONAL SYMBOLS**

- Express highway: with toll; with bridge; with distance stone
- Roads, metalled: according to importance
- Roads, double carriageway: according to importance
- Unmetalled road. Cart-track. Pack-track with pass. Foot-path.
- Streams: with track in bed; undefined. Canal.
- Dams: masonry or rock-fillet; earthwork. Weir.
- River: dry with water channel; with island & rocks. Tidal river.
- Submerged rocks. Shoal. Swamp. Reeds.
- Wells: lined; unlined. Tube-well. Spring. Tank: perennial; dry.
- Embankments: road or rail; tank. Broken ground.
- Railways, broad gauge: double; single with station under construction.
- Railways, other gauges: double; single with distance stone; open air.
- Mineral line or tramway. Kin. Cutting with tunnel.
- Contours with self-featuers. Rocky slopes. Cliffs.
- Soil features: (Hill) (Sand-hill) (permanent) (Discontinuous)
- Towns or Villages: inhabited; deserted. Fort.
- Huts: permanent; temporary. Tower. Antiquities.
- Temples. Chhatra. Church. Mosque. Igah. Tomb. Graves.
- Lighthouse. Lightship. Buoy: lighted; unlighted. Anchorage.
- Mine. Vine on trellis. Grass. Scrub.
- Palm: palmyra; other. Plantain. Conifer. Bamboo. Other trees.
- Areas: cultivated; wooded. Surveyed tree.
- Boundary: international.
- state: demarcated; undemarcated.
- district: subdivision; taluk or thika; forest.
- Boundary pillars: surveyed; unlocated; village trig station.
- Height, triangulated station; point; approximate:  $\Delta$  200 - 200 - 200
- Bench-mark: geodetic; tertiary; canal: BM 63-3 - BM 63-3 - 200
- Post office. Telegraph office. Overhead tank.
- Post house or inspection bungalow. Circuit house. Police station.
- Camping ground. Forest: reserved; protected.
- Spaced names: administrative; locality or tribal: KIKIRI NAGA
- Hospital. Dispensary. Veterinary hospital.
- Aerodrome. Helipad. Tourist site.
- Power line: with pylons surveyed; with poles unsurveyed.

**REFERENCES**

NW 200 National Highway No. 206. PWD Public Works Department.  
 PHC Primary Health Centre.

**NOTES**

1. Heights are in metres and above Indian mean sea level.  
 2. Relative height... represents the approximate height, in metres, between the top and bottom of the steep slope.  
 3. Subdivision boundary between Jharsuguda and Sambalpur Subdivisions has been upgraded district boundary as per the Information provided in the Gazette Notification, 1993 of Government of Orissa.  
 4. Triangulated heights and contours in this sheet have not been adjusted to the heights of the re-levelling bench-marks and may not be strictly in accordance with them.  
 5. No stream dry in this area usually carries water from July to December.  
 6. Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season.  
 7. Pump is shown thus:

**COMPILATION INDEX**

A. Compiled from 1:25,000 survey 1981-82.  
 Updated for major details during 2002-04.

Projection - UTM Datum - WGS 84  
 Magnetic Variation from True North about  $\frac{1}{2}$  West in 2005.  
 (Decreasing by about 1' annually).

Scale 1:50,000  
 100 m to 1 cm  
 2 km to 1 cm  
 1000 500 0 1 2 3 Kilometres  
 CONTOUR INTERVAL 10 METRES

For further details about this map, please contact  
 Director  
 Orissa Geo-Spatial Data Centre  
 Survey of India  
 Survey Bhawan, PD - R R Laboratory  
 Bhubaneswar, Orissa - 751 005



ଜଙ୍ଗଲ, ପରିବେଶ ଓ ଜଳ ବାୟୁ ପରିବର୍ତ୍ତନ ବିଭାଗ, ଓଡ଼ିଶା ସରକାର  
ଖଣ୍ଡାଇ ବନାଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ ଝାରସୁଗୁଡ଼ା ବନଖଣ୍ଡ ।

ଇମେଲ.- [dfo.jharsuguda@odisha.gov.in](mailto:dfo.jharsuguda@odisha.gov.in), ଦୂର ଭାଷ/ ପ୍ୟା.ନଂ-୦୭୭୪୫-୨୯୫୦୪୦ ।

No. ୭୪୭ /4F (Misc.),  
Dated Jharsuguda the 13<sup>th</sup> Feb, 2023.

To,

The Dy. General Manager (Elect.),  
EHT (Construction) Division, OPTCL, Jharsuguda.

Sub: - 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. Reg-demand for Compensatory Afforestation Cost.

Ref: - (i) Stage -I / in principle Order No.5-ORC546/2023-BHU, dt. 03<sup>rd</sup> February, 2023 of the Ministry of Environment, Forests and Climate Change, IRO, Bhubaneswar, Govt. of India.

(ii) Letter No.2396/FE&CC, dt.08.02.2023 of the OSD-Cum-Special Secretary to Govt., Govt. of Odisha, F,E&CC Department.

(iii) Memo No.2466/9F(Trans)-381/2022, dt.08.02.2023 of the Conservator of Forests(Nodal), O/o the PCCF & HoFF, Odisha, Bhubaneswar.

Sir,

With reference to the letters cited above on the captioned subject, this is to inform you that the Chief Conservator of Forests, Forest Diversion & Nodal Officer, FC Act has been technically approved the Compensatory Afforestation Scheme over an area 27.001 ha. of revenue degraded forest land identified in villages Raghunathpali, Singhibahl and Samasingha under Kolabira Tahasil of Jharsuguda District with a total financial outlay of **Rs.2,80,03,400.00** in lieu of diversion 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 regard, you are requested to deposit of amount **Rs.2,80,03,400.00 (Rupees Two Crore Eighty Lakh Three Thousand Four Hundred)** only towards the cost of CA in the Ad-hoc CAMPA Account of Odisha maintained by the Govt. of India through "E" Payment by using the Web Portal of Ministry of Environment & Forests (CAMPA) to fulfil condition No.2.A (v) of the Stage- I/ in principle Order approval. The evidence of depositing the amount may be forwarded to the undersigned for further needful action at this end.

Encl: as above.

Yours faithfully,

Divisional forest officer,  
Jharsuguda Forest Division.

Memo No 788 / Dated. 13.02.2023.

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



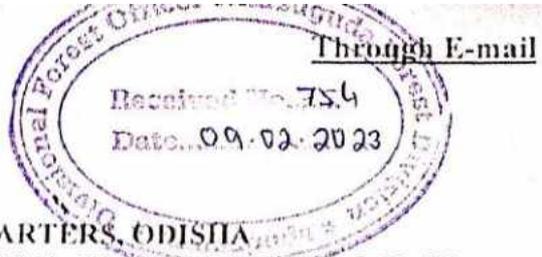
Divisional Forest Officer,  
Jharsuguda Forest Division.

Memo No 789 / Dated. 13.02.2023.

Copy forwarded to the Regional Chief Conservator of Forests, Sambalpur for favour of kind information & necessary action.



Divisional Forest Officer,  
Jharsuguda Forest Division.



STATE FOREST HEADQUARTERS, ODISHA  
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HoFF  
PLOT NO. GD-2/12, ARANYA BHAWAN, CHANDRASEKHARPUR  
BHUBANESWAR-751023

E-mail:- [nodal.pccfhoff@odisha.gov.in](mailto:nodal.pccfhoff@odisha.gov.in) / [nodal.pccfodisha@gmail.com](mailto:nodal.pccfodisha@gmail.com)

Memo No. 2466 /9F (Trans) - 381/2022  
Dated, Bhubaneswar the 08<sup>th</sup> February 2023

To

The Divisional Forest Officer  
Jharsuguda Forest Division

Sub: Diversion of 13,465 ha of forest land for construction of 132 KV/DC transmission line from Brajarajnagar to proposed 132/33 KV Grid Sub-Station, Kudaloi, Lakhanpur in the District of Jharsuguda, Odisha – Stage-I approval regarding.

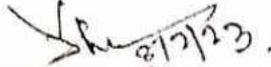
Ref: Letter No. 5-ORC546/2023-BHU dated 03.02.2023 of Deputy Inspector General of Forests (Central), GoI, MoEF & CC, IRO, Bhubaneswar.

Enclosed, please find herewith a copy of GoI, MoEF & CC, IRO, Bhubaneswar Letter issued vide letter No. Letter No. 5-ORC546/2023-BHU dated 03.02.2023 for information and reference. You are requested to furnish the compliance to the conditions imposed in the above said letter through RCCF, Sambalpur Circle for onward transmission to the GoI, MoEF & CC, IRO, Bhubaneswar.

Further, the financial outlay for Compensatory Afforestation Scheme over an area of 27.001 ha of Revenue degraded forest land identified in villages Raghunathpalli, Singhibahal and Samasingha under Kolabira Tahasil of your division pertaining to the above project has been approved by PCCF (FD & Nodal Officer, FC Act) as per approved one time cost norm for Rs.2,80,03,400/- (Rupees two crores eighty lakhs three thousand and four hundred) only which is enclosed.

In this context, I am directed to request you to raise demand on the user agency for payment of compensatory levies through web portal of MoEF & CC and submit the deposit particulars of the amount paid in prescribed CAMPA format alongwith the updated Stage-I compliance.

Encl-As above

  
Conservator of Forests (Nodal)

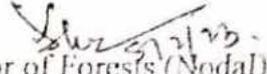
P.T.O

//2//

Memo No. 2467

Dt 08-02-2023

Copy alongwith its enclosure forwarded to the PCCF (WL) & CWLW, Odisha, Prakruti Bhawan, Plot No. 1459, Saheed Nagar, Bhubaneswar-751007 for information & necessary action.

  
Conservator of Forests (Nodal)

Memo No. 2468

Dt 08-02-2023

Copy alongwith its enclosure forwarded to the RCCF, Sambalpur Circle for information & necessary action.

  
Conservator of Forests (Nodal)

Memo No. 2469

Dt 08-02-2023

Copy alongwith its enclosure forwarded to the Deputy General Manager (Elect.), EHT (C) Division, Jharsuguda, Odisha, Pin-768202 for information and necessary action.

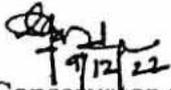
  
Conservator of Forests (Nodal)

Financial Outlay for Compensatory Afforestation Scheme over an area of 27.001 ha of Revenue Degraded Forest land identified in Villages Raghunathpalli, Singhibahal & Samasingha under Kolabira Tahasil of Jharsuguda Forest Division in lieu of 13.465 ha of forest land to be diverted for construction of 132 KV D/C Transmission Line from Brajaraj Nagar to Lakhanpur by OPTCL as per approved One-time Cost Norm

Sl. No.	Description	Amount (Rs.)
1.	Cost of Block Plantation @ 1600 plants per ha over 27.001 ha @ Rs.3,25,623/- per ha with 10 years maintenance	87,92,147.00
2.	Cost of chain link wire mess fencing over 6750.25 RMT @ Rs.4,40,299/- per 250 mt./ha with 10 years maintenance	1,18,88,513.00
3.	Cost of SMC activities like staggered trenches, percolation pits, contour trench, graded earthen bund, LBCD, wire mesh LBCD, Sub-Surface Dyke and WHS as per the slope and site requirement @ Rs.37,415.00 per ha over 27.001 ha with 5 years maintenance	10,10,242.00
4.	Watering Solar system with bore well fitted with Drip System (one system for 5 ha plantation) @ Rs.2,33,786/- per ha over 27.001 ha	63,12,456.00
	<b>Grand Total</b>	<b>2,80,03,358.00 or rounded off to 2,80,03,400.00</b>

(Rupees Two Crore eighty lakhs three thousand & four hundred) only

Approved

  
Principal Chief Conservator of Forests  
Forest Division & Nodal Officer, FC Act

**CHECK LIST SERIAL NUMBER: 18**

**SCHEME FOR COMPENSATORY  
AFFORESTATION**

**In lieu of Diversion of 13.465 Ha. of forest land in  
favour of Odisha Power Transmission Corporation  
Limited, Jharsuguda, for laying of 132KV  
Transmission Line from existing GSS, Brajrajnagar  
to proposed GSS at Kudaloi, Lakhanpurin  
Jharsuguda District**

**(Degraded Revenue Forest land selected for  
Compensatory Afforestation -27.001Ha.in Village  
Rahgunathpali, Samasingha and Singibahal  
under Kolabira Range of Jharsuguda Forest Division**

**Block planting @ 1600 plants: 27.001 ha.**

**By Divisional Forest Officer,  
Jharsuguda Division**

# SCHEME FOR COMPENSATORY AFFORESTATION

## 1. Introduction:

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  $83^{\circ}54'45.16''$  (North) & longitude  $21^{\circ}51'05.76''$  (East) to proposed grid Sub-station at village Kudaloi located at latitude  $83^{\circ}48'13.79''$  (North) & longitude  $21^{\circ}46'45.37''$  (East) in Lakhanpur Tahsil of Jharsuguda District, under Jharsuguda Forest Division, Odisha. As per guidelines issued by the MoEF & CC, Govt. of India, 27.001 ha. Degraded forest land required for Compensatory Afforestation purpose in lieu of diversion of 13.465 ha. of forest land in favour of OPTCL, Jharsuguda for construction of 132 KV D/C Transmission Line from Brajarajnar to proposed 132/33 KV Grid Sub-Station, Kudaloi, Lakhanpur in the District of Jharsuguda, Odisha. Hence, 27.001 ha. Degraded revenue forest land identified in villages of Rahgunathpali, Samasingha and Singibahal under Kolabira Range of this Division. However, the canopy density of the area  $< 0.1\%$  i.e. scrub, Compensatory Afforestation Scheme for raising Block Plantation @ 1600 seedlings per/ha over 27.001 ha in the above area has been prepared against above proposed diversion.

## 2. Details of degraded forest land allotted for Compensatory Afforestation:

The Degraded Revenue Forest Land for Compensatory Afforestation purpose is identified at Rahgunathpali, Samasingha and Singibahal village under Kolabira Range of this Division. The particulars of land identified for Compensatory Afforestation is furnished below.

Name of Range	Name of the Village	Plot No.	Area (Ha.)	Area (Ac.)	Pillar No.	Geo-coordinates Point		Remarks
						Latitude	Longitude	
Kolabira	Rahgunathpali	1359	3.855	9.526	1	$84^{\circ}09'45.12533''$	$21^{\circ}49'58.29448''$	
					2	$84^{\circ}10'05.22656''$	$21^{\circ}49'41.71076''$	
					3	$84^{\circ}10'17.41749''$	$21^{\circ}49'33.14378''$	
					4	$84^{\circ}09'54.03478''$	$21^{\circ}49'26.19519''$	
					5	$84^{\circ}09'59.44406''$	$21^{\circ}49'03.73064''$	
					6	$84^{\circ}09'44.26948''$	$21^{\circ}48'41.31755''$	
					7	$84^{\circ}09'43.75513''$	$21^{\circ}49'10.96506''$	
					8	$84^{\circ}10'01.64000''$	$21^{\circ}49'02.64841''$	
					9	$84^{\circ}10'04.55698''$	$21^{\circ}49'03.30420''$	
					10	$84^{\circ}10'05.48441''$	$21^{\circ}49'02.23114''$	
					11	$84^{\circ}10'06.26912''$	$21^{\circ}49'00.72355''$	
					12	$84^{\circ}10'07.14912''$	$21^{\circ}48'59.79024''$	
					13	$84^{\circ}10'08.59721''$	$21^{\circ}48'56.98576''$	
					14	$84^{\circ}10'08.51689''$	$21^{\circ}48'56.17476''$	
					15	$84^{\circ}10'08.47408''$	$21^{\circ}48'54.67725''$	
					16	$84^{\circ}10'08.03719''$	$21^{\circ}48'53.10967''$	
					17	$84^{\circ}10'07.76987''$	$21^{\circ}48'52.46212''$	
					18	$84^{\circ}10'07.19940''$	$21^{\circ}48'51.66033''$	
					19	$84^{\circ}10'05.98218''$	$21^{\circ}48'50.35968''$	
					20	$84^{\circ}10'04.72269''$	$21^{\circ}48'49.25765''$	
					21	$84^{\circ}09'59.21293''$	$21^{\circ}48'44.68820''$	
					22	$84^{\circ}09'57.09534''$	$21^{\circ}48'44.07833''$	
					23	$84^{\circ}09'56.47855''$	$21^{\circ}48'43.96175''$	
					24	$84^{\circ}09'54.76554''$	$21^{\circ}48'43.35204''$	
					25	$84^{\circ}09'52.61224''$	$21^{\circ}48'42.64440''$	

		1359	3.855	9.526	26	84°09'55.35227"	21°48'47.45150"
					27	84°09'57.85692"	21°48'51.74352"
					28	84°09'58.68144"	21°48'56.11197"
					29	84°10'02.12945"	21°48'58.30708"
					30	84°08'12.87682"	21°49'55.89224"
					31	84°08'14.91997"	21°49'55.43212"
					32	84°08'17.55212"	21°49'54.74326"
					33	84°08'18.48061"	21°49'54.31478"
					34	84°08'19.39231"	21°49'53.62605"
					35	84°08'21.55771"	21°49'52.34047"
					36	84°08'22.76350"	21°49'51.53624"
					37	84°08'23.92868"	21°49'50.61790"
					38	84°08'24.43585"	21°49'50.31627"
					39	84°08'25.01769"	21°49'49.08931"
					40	84°08'27.58128"	21°49'47.88349"
					41	84°08'28.53428"	21°49'47.53564"
					42	84°08'28.53475"	21°49'47.53621"
					43	84°08'30.98019"	21°49'45.16968"
					44	84°08'31.58330"	21°49'44.64208"
					45	84°08'32.50148"	21°49'44.24437"
					46	84°08'33.31450"	21°49'43.74035"
					47	84°08'32.20247"	21°49'42.66438"
					48	84°08'30.84646"	21°49'43.48160"
					49	84°08'28.42299"	21°49'44.73090"
					50	84°08'25.54500"	21°49'46.65077"
					51	84°08'23.88285"	21°49'47.81459"
					52	84°08'20.59550"	21°49'50.08486"
					53	84°08'18.28288"	21°49'51.88356"
					54	84°08'16.05311"	21°49'53.42859"
		2874	12.527	30.956	1	84°10'04.55698"	21°49'03.30420"
					2	84°10'05.48441"	21°49'02.23114"
					3	84°10'06.26912"	21°49'00.72355"
					4	84°10'07.14912"	21°48'59.79024"
					5	84°10'08.59721"	21°48'56.98576"
					6	84°10'08.51689"	21°48'56.17476"
					7	84°10'08.47408"	21°48'54.67725"
					8	84°10'08.03719"	21°48'53.10967"
					9	84°10'07.76987"	21°48'52.46212"
					10	84°10'07.19940"	21°48'51.66033"
					11	84°10'05.98218"	21°48'50.35968"
					12	84°10'04.72269"	21°48'49.25765"
					13	84°09'59.21293"	21°48'44.68820"
					14	84°09'57.09534"	21°48'44.07833"
					15	84°09'56.47855"	21°48'43.96175"
					16	84°09'54.76554"	21°48'43.35204"
					17	84°09'52.61224"	21°48'42.64440"
					18	84°09'55.35227"	21°48'47.45150"
					19	84°09'57.85692"	21°48'51.74352"
					20	84°09'58.68144"	21°48'56.11197"
					21	84°10'02.12945"	21°48'58.30708"
Kolabira	Singibahal	375	2.029	5.013	1	84°09'25.24477"	21°51'29.73272"
					2	84°09'26.06735"	21°51'29.53987"
					3	84°09'26.10594"	21°51'28.42211"
					4	84°09'28.76561"	21°51'28.19066"
					5	84°09'28.84273"	21°51'28.82027"
					6	84°09'30.74445"	21°51'27.94653"
					7	84°09'30.89861"	21°51'28.16489"
					8	84°09'32.08054"	21°51'28.10078"
					9	84°09'32.62066"	21°51'28.21630"
					10	84°09'32.95474"	21°51'28.38349"
					11	84°09'33.82832"	21°51'27.41966"
					12	84°09'33.33141"	21°51'27.64505"
					13	84°09'30.71453"	21°51'27.56269"

Kolabira	Singibahal	375	2.029	5.013	14	84°09'27.09039"	21°51'27.57981"
					15	84°09'27.05390"	21°51'26.76146"
					16	84°09'27.64979"	21°51'26.71348"
					17	84°09'27.66366"	21°51'26.52864"
					18	84°09'25.82038"	21°51'25.69957"
					19	84°09'24.60771"	21°51'25.38418"
					20	84°09'21.51701"	21°51'25.82406"
					21	84°09'21.40325"	21°51'27.36872"
					22	84°09'22.36308"	21°51'28.14700"
					23	84°09'24.56503"	21°51'28.04163"
					24	84°09'24.41462"	21°51'26.58964"
					25	84°09'22.13924"	21°51'26.67108"
					26	84°09'22.20136"	21°51'27.33650"
					27	84°09'27.50358"	21°51'25.76145"
Kolabira	Samasingha	5024	8.589	21.225	1	84°11'44.79679"	21°46'15.32698"
					2	84°11'45.19551"	21°46'15.29523"
					3	84°11'48.53682"	21°46'15.59092"
					4	84°11'52.18470"	21°46'16.42623"
					5	84°11'56.15579"	21°46'16.79838"
					6	84°12'00.33787"	21°46'15.63578"
					7	84°11'59.06858"	21°46'12.17178"
					8	84°11'58.76210"	21°46'07.59882"
					9	84°11'57.65521"	21°46'07.43587"
					10	84°11'57.40142"	21°46'07.51997"
					11	84°11'57.08078"	21°46'06.73751"
					12	84°11'56.60552"	21°46'06.73733"
					13	84°11'56.39979"	21°46'06.36499"
					14	84°11'56.02741"	21°46'06.21080"
					15	84°11'55.53899"	21°46'05.55533"
					16	84°11'55.19219"	21°46'05.68376"
					17	84°11'55.42324"	21°46'06.14665"
					18	84°11'55.17932"	21°46'06.19797"
					19	84°11'55.08502"	21°46'06.10787"
					20	84°11'54.89223"	21°46'06.10801"
					21	84°11'54.84953"	21°46'06.31144"
					22	84°11'54.56020"	21°46'06.36494"
					23	84°11'53.02059"	21°46'07.24425"
					24	84°11'53.50050"	21°46'07.82121"
					25	84°11'52.82591"	21°46'10.60514"
					26	84°11'53.37188"	21°46'10.79784"
					27	84°11'53.32901"	21°46'11.00118"
					28	84°11'52.77233"	21°46'10.88366"
					29	84°11'52.48295"	21°46'11.11922"
					30	84°11'51.62490"	21°46'11.16221"
					31	84°11'51.36190"	21°46'10.30526"

The ADM, Jharsuguda has provided the above land for compensatory afforestation purpose vide letter No.XVIII-C-44/2021-6316/Rev dt.22.06.2022.

### 3. Description of Area:

The identified land is in the Jurisdiction of Kolabira Range of Jharsuguda Forest Division.

The area identified for Compensatory Afforestation is in four patches. The identified land is in compact patches and suitable for management. The area finds place in Survey of India Topo Sheet No.F45M1.

Name of the Mouza	Patch No.	Khata No.	Plot No.	Proposed area in Ac.	Kisam	Remarks
Raghunathpali	Patch -I	269 (Rakhit)	2874	30.956	Gramya Jungle	
	Patch-II	271 (AJA)	1359	9.526	Patra Jungle	
Sibghibahal	Patch-III	43(AJA)	375	5.013	Patra Jungle	
Samasingha	Patch-IV	487 (Rakhit)	5024	21.225	Jungle	
<i>Total:-</i>				<i>66.720 Ac or 27.001 Ha.</i>		

**Soil:**

The soil is sandy loam & gritty and hard compact. Soil is depth is adequate and humus deposit is very less.

**Topography:**

The area is mostly Plain land. The topographical configuration of the selected site is suitable for undertaking plantation activities in Block mode. Soil erosion is occasionally noticed in the site for which the scheme proposes, to dovetail adequate soil and moisture conservation measures into the afforestation programme.

**Climate:**

The area experiences sub-tropical climate. It is characterized by very hot summer and cool winter. Maximum temperature during summer rises up to 35-48 degree Celsius and in winter it goes down to 10-15 degree Celsius.

**Rain fall:** The area gets rain from South-East monsoon, which breaks during second fortnight of June and continues until last week of September. The annual rainfall varies from 1 259.0 mm to 1441.0 mm. The annual rainfall average is 1350 mm. The bulk of precipitation occurs during July-August. During April-May, occasional rainfall occurs along with thunderstorm. The annual rain fall varies from 1200 mm to 1500 mm mostly received during rainy season from July to September.

**Biotic interference:**

The area experiences grazing pressure to some extent.

**Villages surrounding the area:**

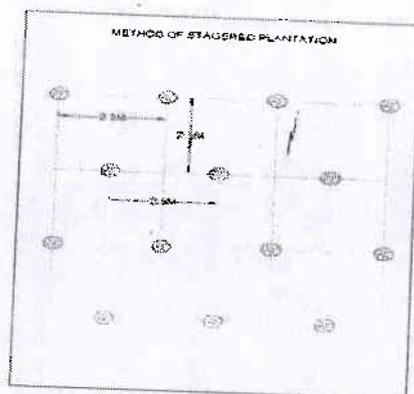
The land is surrounded by village- Rahgunathpali, Samasingha and Singibahal of Jharsuguda district.

6. Technical details: -

- a) **General:** The plantation will be taken up in Block Plantation Mode over 27.001Ha. The year wise activities to be implemented has been enumerated in the approved onetime Cost norm at Annexure-I.

For Block Planting @1600 plants per Ha.

- b) **Spacing:** The plant density proposed for planting is @1600 plants per ha. The spacing is 2.5m x 2.5m which is generally adopted in this tract. It is suggested to have the line of planting along the contour and plant to plant in adjacent row is staggered.



This will reduce the runoff and encourage percolation of water and enrichment of vegetation.

- c) **Choice of Species:** The suitable species for the site as indicated from the present vegetation are mostly of indigenous species. The Species suggested are

Sl. No.	Local Name of Species	Botanical Name of Species
1	Asan	<i>Terminalia tomentosa</i>
2	Bela	<i>Aegle marmelos</i>
3	Khair	<i>Acacia catechu</i>
4	Simili	<i>Bombax ceiba</i>
5	Sunari	<i>Cassia fistula</i>
6	Sisoo	<i>Dalbergia sisoo</i>
7	Pahadisoo	<i>Dalbergia latifolia</i>
8	Gambhari	<i>Gmelina arborea</i>
9	Anla	<i>Emblica officinalis</i>
10	Arjun	<i>Terminalia arjuna</i>
11	Jamun	<i>Syzygium cumini</i>
12	Sal	<i>Shorea robusta</i>
13	Bara	<i>Ficus bengalensis</i>
14	Pipal	<i>Ficus religiosa</i>
15	Panas	<i>Artocarpus heterophyllus</i>
16	Any other species suggested by the VSS.	

#### **d) Plantation Method.**

##### **d(i) Survey Demarcation & Pillar Posting:**

The Allotted area has been demarcated, Pillars posted and duly surveyed by DGPS. The coordinated (Latitude / Longitude) of pillars are provided in the DGPS Map attached to this scheme. The area finds place in Survey of India Topo Sheet No F45M1

##### **d(ii) Alignment, Stacking and Pitting.**

Alignment and stacking will be taken up in the month of January. Pits of size 45 cm x 45cm x 45 cm are to be dugout with a spacing of 2.5mt x 2.5mt @1600 plants per hectare. Alignment will be made along the contour strictly. It is also suggested to have plants staggered within adjacent rows to reduce runoff.

##### **d (iii) Planting**

Plantation will be done after first regular shower of monsoon and to be completed within a week. Basal dose of NPK/DAP fertilizer @50gm per plant to be given. Utmost care is to be taken to apply insecticides @5gm per pit. Casualty replacement is to be taken up during 1<sup>st</sup> year of plantation just after one month of planting. 10% causality replacement is also suggested during 2<sup>nd</sup> Year.

##### **d (iv) Watering**

1<sup>st</sup> shower watering of the plants will commence from 1<sup>st</sup> November to till onset monsoon (10 days per month). In the 2<sup>nd</sup> year watering will commence from 1<sup>st</sup> April till onset of monsoon and from 1<sup>st</sup> November to 31<sup>st</sup> March.

##### **d(iv) Weeding, Soil working and Application of Fertilizer:**

Post planting operation is most vital in success of any planting program. It is proposed to carry out two weeding during first year. Preferable total Weeding along the contour will be taken up. One weeding and soil working has to be done in second year and third year of plantation. Application of 35gms of Urea to be added to the soil per plant at the time of soil working during rains during 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> year of plantation.

##### **d(v) Application of insecticide:**

To prevent infestation of planted seedlings with diseases due to influx of insects and pests into the area, it is required to apply insecticides like Forate /themet at the time of planting. Foliar spraying of insecticide may be done if badly necessary.

**d(vi) Fire line tracing and maintenance:**

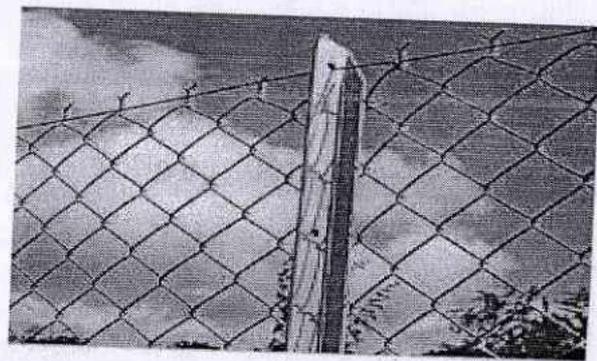
Tender seedlings planted are subject to damage by ground fire. It is required to protect the plantation and forest growth from fire hazard by tracing of fire lines. Boundary of the plantation and several internal lines need to be scrapped to a width of 2mtr during February-March. The cut back materials and dry leaves along with fire lines should be separated and dumped in pits outside the plantation area.

**d(vii) Fencing:**

The periphery of the patch selected is 6750.25 Rmt. There is a provision of fencing in the onetime cost norm of "Block Plantation" as approved by PCCF, Odisha. It is proposed to provide Iron, Angel & Chain Link wire mesh fencing. Approved cost norm is @Rs.4,40,299/- for 250Rmt/ per ha(*Cost norm is enclosed as Annexure-II*)

***Description of Iron Angel & Chain Link Wire Mesh Fencing.***

It is suggested to put Iron Angel at an interval of 2.5m. The length of such Angel is 2.40 m. Size:50 m x 50 mm x 6 mm.



The total amount for Iron Angel & Chain Link wire mesh fencing for 6750.25 Rmt.@ 4,40,299/- for 250 Rmt comes to Rs.12482994.31/-.

**Entry Part activity (EPA):** Participation of local mass is quintessential in forest and environment conservation therefore 15% of plantation cost has been earmarked towards VSS (Van SarakshyaSamiti) involvement, Protection of forest and incentive.

**d (ix) Watch and Ward:**

Watch and ward is necessary to protect the area from grazing, fire accident and other biotic interference. Necessary provisions have been made in the approved cost norm.

**e) Soil and Moisture Conservation Works:**

In order to enhance soil moisture, check run off and arrest carrying of silt in the flow water it is required to have staggered trenches (Size 2m longx0.50 m width X0.5 m Deep ) along the contour. However, during implementation concerned DFO can implement SMC as per the requirement.

**g) Proposed Monitoring Mechanism:**

Implementation of the planting program will be monitored by the DFO, Jharsuguda and RCCF, Sambalpur periodically. As other technical facilities / tools are now available at the hands of supervising authority and KML file along with Coordinates available it can be easily monitored from Satellite imagery / Google earth maps. Plantation journal is also to be regularly maintained by Field staff.

**7. Abstract of Cost Estimate:**

AS PER ONTIME COST NORMS		
SI No	Description	Amount (in Rs.)
<b>A</b>		
1	Cost of Block Plantation @1600 plants per ha over 27.001 ha @ Rs.341903.00 with 10 years maintenance (with nursery cost) <i>(Cost Norm enclosed as Annexure-I)</i>	9231722.90
<b>Total:</b>		<b>9231722.90</b>
<b>B. Cost of Fencing.</b>		
2	Angel Iron & Chain Link wire mesh fencing over 6750.25 Rmt with 10 <sup>th</sup> years maintenance .The cost 250 Rmt/per ha. @462316.00 <i>(Cost Norm enclosed as Annexure-II)</i>	12482994.31
<b>Total:</b>		<b>12482994.31</b>
<b>C. Cost of SMC Work.</b>		
3	Soil & Moisture Conservation work (1000Plants/Ha.) with 10 <sup>th</sup> year maintenance over 27.001 ha. The cost per ha. @ 39284.00 <i>(Cost Norm enclosed as Annexure-III)</i>	1060707.47
<b>Total:</b>		<b>1060707.47</b>
<b>D. Watering.</b>		
4	Watering W1 (Solar Bore well) fitted with Drip system over 27.001 Ha.. The cost per ha @245476.00 <i>(Cost Norm enclosed as Annexure-IV)</i>	6628097.47
<b>Total:</b>		<b>6628097.47</b>
<b>E. Cost of Entry Point Activities.</b>		
5	15% total Plantation Cost towards Entry Point Activities / Incentive to VSS including monitoring & Evaluation.	1384758.43
<b>Total:</b>		<b>1384758.43</b>
<b>Grand Total:</b>		<b>30788280.39 or 30788280.00</b>
<i>(Rupees Three Crore Seven Lakhs Eighty Eight Thousand Two Hundred Eighty) Only.</i>		

  
 Divisional Forest Officer,  
 Jharsuguda Forest Division  
 Divisional Forest Officer  
 Jharsuguda Forest Division

## Annexure-I

BASE COST NORM FOR COMPENSATORY AFFORESTATION (BLOCK PLANTATION) @ 1600 PLANTS PER HECTARE (18 months old seedling)						
WAGE RATE Rs- 311/- PER MANDAY						
Sl. No	Items of work	Preferable Period of Execution	No of Mandays	Labour Cost (In Rs.)	Material Cost (In Rs.)	Total cost (In Rs.)
1	2	3	4	5	6	7
<b>0th Year (Advance work) Pre-Planting Operation</b>						
1	Survey, Demarcation and Pillar posting	Nov/Dec	2	622	0	622
2	Preparation of Treatment Map (Digital Map)	Nov/Dec	1	311	100	411
3	Site preparation (Cleaning & removal of debris)	Nov/Dec	12	3732	0	3732
4	Creation of 4.00 mt wide Inspection Path	Feb/Mar	1	311	0	311
5	Alignment and stacking	Feb/Mar	2	622	0	622
6	Digging of pits (45 cm x 45 cm x 45 cm) in hard and gravelly soil	Feb/Mar	64	19904	0	19904
7	Construction of Temporary Labour Shed, Drinking water facility and First-Aid etc.	Jan/Mar	0	0	3500	3500
<b>Total</b>			<b>82</b>	<b>25502</b>	<b>3600</b>	<b>29102</b>
<b>1st Year/Planting Year</b>						
1	Refilling of pits by altering the dug-out soil of the pits, application of Organic compounds/ CDM/ FYM & mixing the same properly.	Jun/Jul	12	3732	8000	11732
2	Transportation of 18 months old polypot seedlings in hired truck /tractor from the permanent/Mega nursery to planting site including Loading & unloading. [Average lead of 10 Rkm] & Stacking the seedling @ Rs.6/- per Seedling. (1760 nos.)	Jul/Aug	0	0	10560	10560
3	Watering the polypot seedlings at planting site	Jul/Aug	3	933	0	933
4	Conveyance of polypot seedlings on head load from the stacking site to individual dugout pits within the planting site, applying insecticide, fertilizers & planting after scooping the soil with other applied materials & pressing the soil properly around the planted seedlings.	Jul/Aug	36	11196	0	11196
5	<b>Cost of Fertilizer &amp; Insecticide</b> (a) NPK/Bio-fertilizer @ 50 gms/plant as basal dose = 80kg @ Rs.30/- per kg = Rs. 2400.00 (b) Urea/Vermicompost/Mo Khata/any other fertilizer in two subsequent doses @ Rs. 1,200.00 (c) Insecticide/ Bio-pesticide @ 5 gms/plant= 8 kg @ Rs.150/- per kg = Rs. 1200.00	Jul/Aug	0	0	4800	4800

**BASE COST NORM FOR COMPENSATORY AFFORESTATION (BLOCK PLANTATION)  
@ 1600 PLANTS PER HECTARE (18 months old seedling)**

**WAGE RATE Rs- 311/- PER MANDAY**

Sl. No	Items of work	Preferable Period of Execution	No of Mandays	Labour Cost (In Rs.)	Material Cost (In Rs.)	Total cost (In Rs.)
1	2	3	4	5	6	7
6	Casualty Replacement @ 10% (160 nos.)	Jul/Aug	4	1244	0	1244
7	1st weeding & Manuring	Aug/Sept	15	4665		4665
8	2nd Weeding, Soil working (1 mt. diameter around the plants) and Manuring	Oct/Nov	20	6220	0	6220
9	Fire line tracing (2 m. wide fire line over 400 m long) including maintenance of inspection path	Feb/Mar	3	933	0	933
10	Watch & Ward including watering as per requirement	Aug-Mar	12	3732	0	3732
<b>Total</b>			<b>105</b>	<b>32655</b>	<b>23360</b>	<b>56015</b>
<b>2nd Year Maintenance</b>						
1	Transportation of 160 seedlings from Nursery to plantation site including loading, unloading & conveyance by Tractor @ Rs.6/- per seedlings	Jul	0	0	960	960
2	Casualty replacement- 10%	Jul	4	1244	0	1244
3	<u>Cost of Fertilizer &amp; Insecticide:</u> A) Cost of Insecticide/ Bio-pesticide @ 5 gms/plant = 0.8 Kg @ Rs.150/- per kg = Rs.120/- B) Urea/NPK/Bio-fertilizer/Vermicompost/Mo Khata/any other fertilizer @Rs. 4486/-	Aug/Sept	0	0	4606	4606
4	Weeding (Complete weeding), Manuring & Soil working (1mt. diameter around the plants)	Sep/Oct	20	6220	0	6220
5	Fire line tracing (2 m. wide fire line over 400 m long) including maintenance of inspection path	Feb/Mar	3	933	0	933
6	Watch & Ward including watering as per requirement	Apr-Mar	18	5598	0	5598
7	Maintenance of Temporary Labour Shed, Drinking water facility and First-Aid etc.				1000	1000
<b>Total</b>			<b>45</b>	<b>13995</b>	<b>6566</b>	<b>20561</b>

**BASE COST NORM FOR COMPENSATORY AFFORESTATION (BLOCK PLANTATION)  
@ 1600 PLANTS PER HECTARE (18 months old seedling)**

**WAGE RATE Rs- 311/- PER MANDAY**

Sl. No	Items of work	Preferable Period of Execution	No of Mandays	Labour Cost (In Rs.)	Material Cost (In Rs.)	Total cost (In Rs.)
1	2	3	4	5	6	7
<b>3rd Year Maintenance</b>						
3	Cost of Fertilizer/Urea/NPK/Bio-fertilizer/Vermicompost/Mo Khata/any other fertilizer	Sept/Oct	0	0	4486	4486
4	Weeding, Manuring & Soil working (1m diameter around the plants)	Sep/Oct	20	6220	0	6220
5	Fire line tracing (2 m. wide fire line over 400 m long) including maintenance of inspection path	Feb/Mar	3	933	0	933
6	Watch & Ward including watering as per requirement	Apr/Mar	18	5598	0	5598
7	Maintenance of Temporary Labour Shed, Drinking water facility and First-Aid etc.	Apr/Mar			1000	1000
<b>Total</b>			<b>41</b>	<b>12751</b>	<b>5486</b>	<b>18237</b>
<b>4th Year Maintenance</b>						
1	Fire line tracing (2 m. wide fire line over 400 m long) including maintenance of inspection path	Feb/Mar	3	933	0	933
2	Watch & Ward	Apr-Mar	18	5598	0	5598
<b>Total</b>			<b>21</b>	<b>6531</b>	<b>0</b>	<b>6531</b>
<b>5th Year Maintenance</b>						
1	Fire line tracing (2 m. wide fire line over 400 m length)	Feb/Mar	3	933.00	0	933
2	Watch & Ward	Apr/Mar	18	5598.00	0	5598
<b>Total</b>			<b>21</b>	<b>6531</b>	<b>0</b>	<b>6531</b>
<b>6th Year Maintenance</b>						
1	Fire line tracing (2 m. wide fire line over 400 m length)	Feb/Mar	3	933.00	0	933.0
2	Pruning of branches, Singling out of multiple shoots	Jan/Mar	5	1555.00	0	1555.0
3	Watch & Ward	Apr/Mar	18	5598.00	0	5598.0
<b>Total</b>			<b>26</b>	<b>8086</b>	<b>0</b>	<b>8086.0</b>
<b>7th Year Maintenance</b>						
1	Fire line tracing (2 m. wide fire line over 400 m length)	Feb/Mar	3	933.00	0	933
2	Watch & Ward	Apr/Mar	18	5598.00	0	5598
<b>Total</b>			<b>21</b>	<b>6531</b>	<b>0</b>	<b>6531</b>
<b>8th Year Maintenance</b>						
1	Fire line tracing (2 m. wide fire line over 400 m length)	Feb/Mar	3	933.00	0	933
2	Watch & Ward	Apr/Mar	18	5598.00	0	5598
<b>Total</b>			<b>21</b>	<b>6531</b>	<b>0</b>	<b>6531</b>
<b>9th Year Maintenance</b>						
1	Fire line tracing (2 m. wide fire line over 400 m length)	Feb/Mar	3	933.00	0	933
2	Watch & Ward	Apr/Mar	18	5598.00	0	5598

**BASE COST NORM FOR COMPENSATORY AFFORESTATION (BLOCK PLANTATION)  
@ 1600 PLANTS PER HECTARE (18 months old seedling)**

**WAGE RATE RS-311/- PER MANDAY**

Sl. No	Items of work	Preferable Period of Execution	No of Mandays	Labour Cost (In Rs.)	Material Cost (In Rs.)	Total cost (In Rs.)
1	2	3	4	5	6	7
Total			21	6531	0	6531

**10th Year Maintenance**

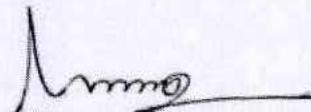
1	Fire line tracing (2 m. wide fire line over 400 m length)	Feb/Mar	3	933	0	933
3	Watch & Ward	Apr/Mar	18	5598.00	0	5598
Total			21	6531	0	6531

**Year wise Abstract of Cost Norm (showing seedling cost separately)**

Sl. No	Year	No. person days	Labour cost @ Rs. 311/- per day (Rs)	Material Cost	Monitoring, Evaluation, Learning, Documentation and Other Contingency (5%) of (4+5)	Cost of Seedlings @Rs.50.31 per seedlings	TOTAL COST
1	2	3	4	5	6	7	8
1	0th year	82	25502	3600	1398.00	0	30500.00
2	1st year	105	32655	23360	2800.00	88546	147361.00
3	2nd year	45	13995	6566	1028.00	8050	29639.00
4	3rd year	41	12751	5486	911.00	0	19148.00
5	4th year	21	6531	0	326.00	0	6857.00
6	5th year	31	6531	0	326.00	0	6857.00
7	6th year	26	8086	0	404.00	0	8490.00
8	7th year	21	6531	0	326.00	0	6857.00
9	8th year	21	6531	0	326.00	0	6857.00
10	9th year	21	6531	0	326.00	0	6857.00
11	10th year	21	6531	0	326.00	0	6857.00
Total:		425	132175	39012	8497	96596	276280

**Note:**

- 1 Priority must be given to the indigenous local species available nearby to the site of plantation.
- 2 10 % indigenous fruit bearing trees must be preferred to Plantation.
- 3 Site specific Soil conservation work like LBCD, Gully Plugging, Staggered Trench, Contour Trench, Graded Bund, etc. may be
- 4 Chain link fencing can be adopted in the CA plantation taken up outside the forest area and Bamboo twigs fencing may be
- 5 Watering facilities for procurement of water & watering may be adopted as per the availability of water.
- 6 The Cost Norm of various items can be changed with the approval of the concerned RCCFs keeping the overall cost norm fixed for each Financial Year

  
 APCCF (Forest Diversion & NO, FC Act)

Matrix for Model-B Conventional CA Plantation (AR) 1600 plants per Ha

Sl. No.	Commence Year	In Rupees																						
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	XVII	XVIII	XIX	XX	XXI	Total Cost (10 Years)	
	Base Norm	30500	147861	29639	19148	6857	6857	8490	6857	6857	6857	6857	6857	6857	6857	6857	6857	6857	6857	6857	6857	6857	6857	310117
1	2016-17	30500	154729	30678	27166	6135	6751	11377	9648	10181	10637	11169												325623
2	2017-18		33025	162465	34008	23274	8782	9189	11946	10180	10638	11169	11727											341903
3	2018-19			33516	170588	36013	24438	9190	9648	12543	10637	11170	11727	12313										358398
4	2019-20			35307	179117	37824	25660	9650	10180	13170	11169	11727	12313	12929										376548
5	2020-21			37072	188073	39715	26943	10637	10637	13640	11169	11727	12313	12929	13575									395796
6	2021-22			38916	197477	41701	28390	10640	10640	13640	11169	11727	12313	12929	13575	14254								415587
7	2022-23			40872	207351	43786	29705	11172	11172	13640	11169	11727	12313	12929	13575	14254	14937							436346
8	2023-24			42916	217719	45975	31190	11727	11727	13640	11169	11727	12313	12929	13575	14254	14937	15627						458186
9	2024-25			45060	228605	48274	32799	12313	12313	13640	11169	11727	12313	12929	13575	14254	14937	15627	16301					481056
10	2025-26			47315	240035	50688	34589	12929	12929	13640	11169	11727	12313	12929	13575	14254	14937	15627	16301	17001				491056

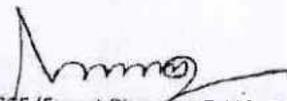
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 APCCF (Forest Division & NO, FC Act)

## Annexure-II

Fencing Model-F-II						
Fencing for Compensatory Plantation raised outside the Forest Areas using Angle Iron & Chain Link wire mesh (250 Rmt/ Ha.)						
WAGE RATE Rs- 311/- PER DAY						
Sl. No	Items of work	Preferable Period of Execution	Man days	Wages	Material cost (Rs)	Total Cost (Rs. per Ha.)
<b>0th Year (PPO)</b>						
1	Earth work (excavation of hole) in Hard soil at a distance 3 mt. 0.40m x 0.40m x 0.40m = 0.064 x 84 = 5.376 cum @ Rs. 140/ cum = Rs. 753.		2.42	752.62	00	752.6
2	Cement concrete (1:4:8) using 40 mm BHG metal 84 X 0.40m X 0.40m X 0.10m = 1.344 @ 3755.94/cum		0	0	5,047.4	5,047.4
3	Angle iron pole of size 50 mm X 50 mm X 6 mm of height 2.40 mt. 84 x 2.40 = 201.60 Sqmt. @ 4.50/kg/ Sqmt. = 907.20 kg @ 69.50 per kg				63,050.0	63,050.0
4	Cement concrete (1:2:4) for fixing the iron angle pole using 12mm BHG Chips 84 X 0.40m X 0.40m X 0.30m = 4.032 cum @ 5486.77/cum				22,123.0	22,123.0
5	Cost of Chain link mess using 4 mm Dia GI wire having gap size 50 mm X 50 mm 250 Rmt X 2.10 mt. = 525 Sqmt @ 331/Sqmt = Rs. 1,73,775				1,73,775.0	1,73,775.0
6	Double coat painting of iron angle pole over a coat of primer using good quality enamel paint 84 x 2.10 x 0.20 = 35.28 sqmt. @ Rs.108.80/Sqmt				3,838.0	3,838.0
7	Painting of GI chain link mess 250 x 2.10 x 2 = 1050/10 = 105 Sqmt. @ Rs. 108.80 Sqmt.				11,424.0	11,424.0
8	Transportation of chain link mess, iron angle, Straightening & fitting of chain link mess etc. @ 2% of the total cost.				5,600.0	5,600.0
	<b>TOTAL</b>		<b>2.42</b>	<b>752.62</b>	<b>2,84,857.4</b>	<b>2,85,610.0</b>
Rate per running mt. 2,85,610/250 = Rs. 1142/Rmt						
<b>1st Year Maintenance</b>						
1	No Maintenance is required.	Sept./Oct	0	0	0	0
<b>2nd Year Maintenance</b>						
1	Maintenance of wire mess fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11	Sept./Oct	0	0	11000	11000
<b>3rd Year Maintenance</b>						
1	Maintenance of wire mess fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11	Sept./Oct	0	0	11000	11000
<b>4th Year Maintenance</b>						
1	Maintenance of wire mess fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11	Sept./Oct	0	0	11000	11000
<b>5th Year Maintenance</b>						
1	Maintenance of wire mess fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11	Sept./Oct	0	0	11000	11000
<b>6th Year Maintenance</b>						
1	Maintenance of wire mess fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11	Sept./Oct	0	0	11000	11000
<b>7th Year Maintenance</b>						
1	Maintenance of wire mess fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11	Sept./Oct	0	0	11000	11000
<b>8th Year Maintenance</b>						
1	Maintenance of wire mess fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11	Sept./Oct	0	0	11000	11000
<b>9th Year Maintenance</b>						
1	Maintenance of wire mess fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11	Sept./Oct	0	0	11000	11000
<b>10th Year Maintenance</b>						

Sl. No	Items of work	Preferable Period of Execution	Man days	Wages	Material cost (Rs)	Total Cost (Rs. per Ha.)
1	Maintenance of wire mess fence @ 1% per running mt. cost of installation in 1st yr. 1142x 1% = 11.42 say Rs. 11	Sept./Oct	0	0	11000	11000

Abstract					
Sl. No	Year	No. person days	Labour cost @ Rs. 311/- per day	Material Cost	Total cost (Rs.)
1	0th year				
2	1st year	2.42	752.6	284857.4	285610.0
3	2nd year	0.0	0.0	0.0	0.0
4	3rd year	0.0	0.0	11000.0	11000.0
5	4th year	0.0	0.0	11000.0	11000.0
6	5th year	0.0	0.0	11000.0	11000.0
7	6th year	0.0	0.0	11000.0	11000.0
8	7th year	0.0	0.0	11000.0	11000.0
9	8th year	0.0	0.0	11000.0	11000.0
10	9th year	0.0	0.0	11000.0	11000.0
11	10th year	0.0	0.0	11000.0	11000.0
Total:		2.42	752.62	383857.4	3,84,610.0

  
 APCCF (Forest Diversion & NO, FC Act)

Matrix for Fencing Model F- II (Iron angle with Chainlink wire mesh)

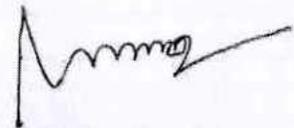
Sl. No.	Component Part	In Rupees																				Total Cost			
		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	XVII	XVIII	XIX	XX		XXI		
1	2021-22	285610	0	11092	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	419531
2	2022-23		293651	0	12732	13373	14039	14741	15477	16252	17065	17912	18814												440233
3	2023-24			31438	0	13359	14040	14741	15478	16252	17065	17913	18813	19755											462316
4	2024-25				33030	0	14837	14741	15478	16252	17064	17918	18814	19754	20743										485432
5	2025-26					347162	0	14739	15479	16252	17065	17917	18814	19755	20742	21780									509705
6	2026-27						564520	0	15478	16253	17065	17918	18813	19755	20743	21779	22869								535191
7	2027-28							352746	0	16259	17066	17918	18814	19754	20743	21780	22868	24012							561951
8	2028-29								401883	0	17063	17919	18814	19755	20742	21780	22869	24011	25213						590249
9	2029-30									421877	0	17916	18813	19755	20743	21779	22869	24012	25212	26474					619552
10	2030-31										443076	0	18812	19756	20743	21780	22868	24012	25213	26473	27738				650311

  
 AFCCF (Forest Division & NO. FC Act)

SMC Works Model-C			
Cost Norms for creation of Compensatory Afforestation with Stabilization of Soil & Conservation of Moisture (1000 Plants/ Ha.)			
WAGE RATE Rs- 311/- PER DAY			
Sl.No	Item of Works	Preferable Period of Execution	Total Cost
0th Year (Pre-Planting Operation)			
1	Nil		0
1st Year			
2	Soil Conservation measure structures like Staggered Trench, Percolation pit, Contour trench, Graded earthen bund, LBCD, Wire mesh LBCD, Sub surface Dyke & WHS as per the slope & site requirement on LS	Apr/Sept.	20,215
2nd Year			
3	Maintenance of SMC structures @ 15 % of initial year cost	Apr/Jul	3,032
3rd Year			
4	Maintenance of SMC structures @ 15 % of initial year cost	Apr/Jul	3,032
4th Year			
5	Maintenance of SMC structures @ 15 % of initial year cost	Apr/Jul	3,032
4th Year			
5	Maintenance of SMC structures @ 15 % of initial year cost	Apr/Jul	3,032
<b>Total</b>			<b>32,343.0</b>

Abstract					
Sl. No	Year	No. person days	Labour cost @ Rs. 311/- per day	Material Cost	Total cost (Rs.)
1	0th year	0.0	0.0	0.0	0.0
2	1st year	0.0	0.0	20,215.0	20,215.00
3	2nd year	0.0	0.0	3,032.00	3,032.00
4	3rd year	0.0	0.0	3,032.00	3,032.00
5	4th year	0.0	0.0	3,032.00	3,032.00
6	5th year	0.0	0.0	3,032.00	3,032.00
<b>Total</b>		<b>0.00</b>	<b>0.00</b>	<b>32,343.0</b>	<b>32,343.0</b>

Different types of SMC structures may be taken up as per the scope & requirements of the plantation site out of the design & specification of different structures annexed along this document.



APCCF (Forest Diversion & NO. FC Act)

Matrix for (SMC)

Sl. NO.	Commencement Year	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	In Rupees	
																		Total Cost	
	Base Norm	0	20215	3032	3032	3032	3092												
1	2021-22	0	21226	3342	3510	3685	3870												35633
2	2022-23		0	22287	3509	3686	3869	4064											37415
3	2023-24			0	23401	3684	3870	4062	4267										39284
4	2024-25				0	24571	3868	4064	4265	4480									41248
5	2025-26					0	25800	4061	4267	4478	4704								43310
6	2026-27						0	27090	4264	4480	4702	4939							45475
7	2027-28							0	28445	4477	4704	4937	5186						47749
8	2028-29								0	29867	4701	4939	5184	5445					50136
9	2029-30									0	31360	4936	5186	5443	5717				52642
10	2030-31										0	32928	5183	5445	5715	6003			55274

  
APCCF (Forest Diversion & NO, FC Act)

Annexure-IV

Watering Model-W-I		Watering provision to CA Plantation	
Solar system with Bore well (1 system for 5 Ha Plantation) fitted with Drip system, Wage rate @ Rs.311/-			
Year of Installation (0th Year)			
1	Cost of Borewell	1,50,000	
2	Installation of Solar panel & other System	3,00,000	
3	Cost of 0.5 HP submersable motor with accessories	50,000	
4	Water Storage Tanks/ Flexible pipes	15,000	
5	Cost of laying Drip system including all accessories, fittings etc. with 12% GST	3,02,431	
<b>Total</b>		<b>8,17,431</b>	
6	Cost of Water & watering per Ha. (8,17,431/ 5) = Rs. 1,63,486/-		1,63,486
<b>1st Year Watering</b>			
7	No maintenance required		0
			<b>Total</b> 0
<b>2nd Year Watering</b>			
8	Maintenance of system @ 5% of initial cost of instalation		8,174
			<b>Total</b> 8,174
<b>3rd Year Watering</b>			
9	Maintenance of system @ 5% of initial cost of instalation		8,174
			<b>Total</b> 8,174
<b>4th Year Watering</b>			
10	Maintenance of system @ 5% of initial cost of instalation		8,174
			<b>Total</b> 8,174
<b>5th Year Watering</b>			
11	Maintenance of system @ 5% of initial cost of instalation		8,174
			<b>Total</b> 8,174

Abstract					
Sl. No	Year	No. person days	Labour cost @ Rs. 311/-per day	Material Cnst	Total cost (Rs.)
1	0th year				
2	1st year	0	0.0	163486.0	163486.0
3	2nd year	0	0.0	0.0	0.0
4	3rd year	0	0.0	8174.0	8174.0
5	4th year	0	0.0	8174.0	8174.0
6	5th year	0	0.0	8174.0	8174.0
<b>Total:</b>		<b>0</b>	<b>0.0</b>	<b>196182</b>	<b>1,96,182</b>

APCCF (Forest Diversion & NO, FC Act)



**Full Title of the Project:** - Construction of 132KV D/C transmission line from Grid Sub-Station, Brajrajnagar to proposed 132/33KV Grid Sub-Station at Kudaloi, Lakhanpur.

**Proposal No.** : FP/OR/TRANS/150350/2021. (State Sl. No.-OR-0104/2021),  
**Date of Proposal** : 24.12.2021

**CHECK LIST SERIAL NUMBER – 31-C.**

**Documents/Information Required for Proposals for Transmission Lines.**

(c) In case of transmission line, the following details **may also** be given :-

- i. Number of towers to be erected both in forest and non forest area:
  - (a) Number of Towers to be erected in the forest area : **18 nos.**
  - (b) Number of Towers to be erected in the non-forest area : **56nos.**
- ii. Width of the right of way for transmission line : **27.00 meters**

Date: 10/10/2022  
Place: Jharsuguda

  
Divisonal Forest Officer  
Jharsuguda Forest Division

  
Signature of User Agency  
Office Seal  
Dy. General Manager (Elect.).....  
EHT Construction Division  
OPTCL, Jharsuguda

**Full Title of the Project:** - Construction of 132KV D/C transmission line from Grid Sub-Station, Brajrajnagar to proposed 132/33KV Grid Sub-Station at Kudaloi, Lakhanpur.

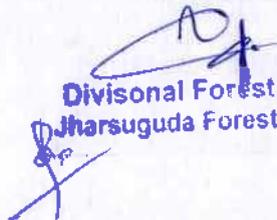
**Proposal No.** : FP/OR/TRANS/150350/2021. (State SI. No.-OR-0104/2021),  
**Date of Proposal** : 24.12.2021

**CHECK LIST SERIAL NUMBER - 24.**

**ENVIRONMENT CLEARANCE**

Environment Clearance in respect of Construction of 132KV D/C transmission line from Grid Sub-Station, Brajrajnagar to proposed 132/33KV Grid Sub-Station Kudaloi, Lakhanpur in Jharsuguda District, Odisha" has not been required as per the guideline issued in 2006.

Date: ..10/10/2022  
Place: ..Jharsuguda

  
Divisional Forest Officer  
Jharsuguda Forest Division

  
Signature of User Agency  
Office General Manager (Elect.).....  
EHT Construction Division  
OPTCL, Jharsuguda

## CHECK LIST SERIAL NUMBER-17

### (Location Map)

Location map of degraded forest land area identified for compensatory afforestation in lieu of 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 as detailed below:

Name of Range/ Tahasil	Name of the Mouza	Khata No.	Plot No.	Proposed area in Ac.	Kisam	Remarks
Koabira/ Kolabira	Raghunathpali	269 (Rakhit)	2874	30.956	Gramya Jungle	
		271 (AJA)	1359	9.526	Patra Jungle	
	Sibghibahal	43(AJA)	375	5.013	Patra Jungle	
	Samasingha	487 (Rakhit)	5024	21.225	Jungle	
<b>Total:-</b>				<b>66.720 Ac or 27.001 Ha.</b>		

Date... 05.11.2022  
Place... Jharsuguda

  
Divisional Forest Officer,  
Jharsuguda Forest Division  
Office Seal  
Divisional Forest Officer  
Jharsuguda Forest Division

Full Title of the Project: 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

Proposal No : FP/OR/TRANS/150350/2021,

State Serial No: State Serial No.OR-0104/2021 dt.31.12.2021

# CHECK LIST SERIAL NUMBER-20

## "LAND SUITABILITY CERTIFICATE"

This is to certify that 27.001 Ha of degraded revenue forest land identified in Raghunathpali, Singhibahal and Samasingha Village under Kolabira Range of Jharsuguda Division for Compensatory Afforestation purpose is suitable for plantation under Block Plantation model @ 1600 plants per /Ha in lieu 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.

Name of Range/ Tahasil	Name of the Mouza	Khata No.	Plot No.	Proposed area in Ac.	Kisam	Remarks
Koabira/ Kolabira	Raghunathpali	269 (Rakhit)	2874	30.956	Gramya Jungle	
		271 (AJA)	1359	9.526	Patra Jungle	
	Sibghibahal	43(AJA)	375	5.013	Patra Jungle	
	Samasingha	487 (Rakhit)	5024	21.225	Jungle	
Total:-				66.720 Ac or 27.001 Ha.		

Place : Kolabira  
Dated ...03-11-2022

*Hebi*  
03/11/22  
for Range Officer  
Kolabira Range  
Office Seal.....

**Full Title of the Project:** 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

**Proposal No :** FP/OR/TRANS/150350/2021,

**State Serial No:** State Serial No.OR-0104/2021 dt.31.12.2021

*[Signature]*  
Divisional Forest Officer  
Jharsuguda Forest Division

# CHECK LIST SERIAL NUMBER: - 16

SITE INSPECTION REPORT NOT BELOW THE RANK OF DCF  
(For the forest land to be diverted under FCA)

A proposal has been received by this office from the Dy. General Manager (Elect.), EHT Construction 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. The site inspection of the land involved in the proposal has been done by me on **01.11.2022** On inspection of the site, it is found that the land required by the user agency is 13.465 ha = (11.175 Ha Gramya Jungle + 2.283 ha Jungle + 0.007 Ha. Bada Jungle) in Jharsuguda district. The requirement of forest land as proposed by the user agency is unavoidable and site specific.

Whether any rare/endangered/unique species of flora and fauna found in the area. If so, the details thereof: *No.*

Whether any protected archaeological/heritage site/ defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required: *No such protected archaeological/heritage site/defence establishment or any other important monument is located in the site.*

- a) The user agency has not violated the provisions of Forests (Conservation) Act, 1980 and no work has been started without proper sanction. *No Violation noticed.*
- b) It has been found that the user agency has violated the Forest (Conservation) Act, 1980 provisions. A detailed report as per para 1.9 of Chapter-I Part C of hand book of Forest (Conservation) Act, 1980 is attached. Specific recommendation for acceptance or otherwise of the proposal.  
: *Not Applicable.*

Date: *05.11.2022*

Place: Jharsuguda

  
(Lalit Kumar Patra, IFS)

Divisional Forest Officer,

Jharsuguda Forest Division  
Jharsuguda Forest Division  
Office seal.

N.B\* state the purpose for which the forest land is proposed to be diverted.

\*\* out of (a) and (b) tick (V) the option which is applicable and cross (x) the option which is not applicable.

Full Title of the Project: 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

Proposal No : FP/OR/TRANS/150350/2021,

State Serial No: State Serial No. OR-0104/2021 dt.31.12.2021

**BASIC INFORMATION FOR PROPOSALS UNDER FOREST CONSERVATION ACT, 1980.**

01. State/ U.T Odisha (Jharsuguda Forest Division)

02. Period 1982-83 to 2022-23.

Forest Area of this Division (in ha.)	Geographical area of the District (in Sq. Km.)	Clearance under the Forest land diverted (in ha.)		Purpose of Diversion												Compensatory Afforestation			
		Area (in ha.)	No. of Proposal.	Hydel		Irrigation		Mining		Road & Railways		Thermal Transmission Lines		Others		Stipulated		Achieved	
				Area (in ha.)	No.	Area (in ha.)	No.	Area (in ha.)	No.	Area (in ha.)	No.	Area (in ha.)	No.	Area (in ha.)	No.	Non-Forest Land	Degraded Forest Land	Non-Forest Land	Degraded Forest Land
43492.352	2114	2821.9553	34	5	0	7	0	9	12	11	3	13	14	15	16	17	18	19	20
								2211.5	12	65.631	3	257.764	12	265.265	4	242.0956	1711.872	154.6585	1405.135

  
 Divisional Forest Officer  
 Jharsuguda Forest Division



भारतीय स्टेट बैंक  
STATE BANK OF INDIA

Counter foil

Branch Thaneswar

Date 28.02.2023

Received ₹ 40899908/-

From E.M.T. (U) VIN OPT. 4 JS9

For remittance of NEFT/RTGS by way of

(i) Transfer (only NEFT), (ii) Cash (only

NEFT), (iii) Cheque (NEFT/RTGS) using

cheque No. 5A6617

favouring ORRISA CAMPA

A/c No. 1508264150350895

IFSC Code UBIN0996335

Beneficiary Bank & Branch Union Bank

029nd19, Fcs centre, Itanagar

Bengaluru

7409869

SE 40899908/-

28 Feb 2023

ninety nine thousand nine hundred and eight

For JOURNAL NO.

UTRANCKER ID NO

Branch Manager

## AGENCY COPY



## NEFT / RTGS CHALLAN for CAMPA Funds

Date : 27-02-2023

Agency Name.	OPTCL
Application No.	64150350895
MoEF/SG File No.	5-ORC546/2023-BHU
Location.	ORRISA
Address.	EHT (Construction) Division, OPTCL, JharsugudaJharsuguda
Amount(in Rs)	40899908/-

**Amount in Words** :Four Crore Eight Lakh Ninety-Nine Thousand Nine Hundred and Eight Rupees Only

**NEFT/RTGS to be made as per following details;**

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0996335
Pay to Account No.	1508264150350895 <b>Valid only for this challan amount.</b>
Bank Name & Address:	Union Bank Of India FCS Centre,21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

## BANK COPY

## NEFT / RTGS CHALLAN for CAMPA Funds

Date : 27-02-2023

Agency Name.	OPTCL
Application No.	64150350895
MoEF/SG File No.	5-ORC546/2023-BHU
Location.	ORRISA
Address:	EHT (Construction) Division, OPTCL, Jharsuguda Jharsuguda
Amount(in Rs)	40899908/-

**Amount in Words** :Four Crore Eight Lakh Ninety-Nine Thousand Nine Hundred and Eight Rupees Only

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Pay to Account No.	1508264150350895 <b>Valid only for this challan amount.</b>
Bank Name & Address:	Union Bank Of India FCS Centre, 21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

**Note:**After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: [fcsblr@unionbankofindia.bank](mailto:fcsblr@unionbankofindia.bank) , [epurse@unionbankofindia.bank](mailto:epurse@unionbankofindia.bank), [ubin0903710@unionbankofindia.bank](mailto:ubin0903710@unionbankofindia.bank)



ଜଙ୍ଗଲ, ପରିବେଶ ଓ ଜଳ ବାୟୁ ପରିବର୍ତ୍ତନ ବିଭାଗ, ଓଡ଼ିଶା ସରକାର

ଖଣ୍ଡୀୟ ବନାଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ ଝାରସୁଗୁଡ଼ା ବନଖଣ୍ଡ ।

ଇମେଲ.- [dfo.jharsuguda@odisha.gov.in](mailto:dfo.jharsuguda@odisha.gov.in), ଦୂର ଭାଷ/ ପ୍ୟା. ନଂ-୦୭୭୪୫-୨୯୫୦୪୦ ।

No. 1355 /FCA (Misc.),  
Dated Jharsuguda the 04<sup>th</sup> March 2022.

To,

The Dy. General Manager (Elect.),  
EHT (Construction) Division, OPTCL, Jharsuguda.

Sub: - 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, Lakhampur in the District of Jharsuguda, Odisha. Reg-demand for Dwarf Plantation Cost.

Ref: - Memo No.429/3F/2023 dt.02.03.2023 of the Regional Chief Conservator of Forests, Sambalpur.

Sir,

This is to inform you that the Regional Chief Conservator of Forests, Sambalpur Circle has approved the scheme for creation & maintenance of plantation of dwarf species (Preferably medicinal species) with a total financial outlay of **Rs.2670019.00 (Rupees Twenty Six Lakh Seventy Thousand Nineteen) only** to fulfill condition No. 2A (vi) imposed in Stage-I/ in-principle approval by the MoEF & CC, Government of India, IRO, Bhubaneswar vide their order No. 5-ORC546/2023-BHU, dt. 03<sup>rd</sup> February, 2022.

Hence, you are requested to deposit of amount **Rs.2670019.00 (Rupees Twenty Six Lakh Seventy Thousand Nineteen) only** towards the cost of scheme for creation & maintenance of plantation of Dwarf Species (Preferably medicinal species) in the State Specific CAMPA Account of Odisha through using online portal. The evidence of depositing the amount may be forwarded to the undersigned for further needful action at this end.

Yours faithfully,

Divisional Forest Officer,  
Jharsuguda Forest Division.

Memo No. 1356 (2) Date. 04.03.2023.

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

Divisional Forest Officer,  
Jharsuguda Forest Division.

**OFFICE OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS,  
SAMBALPUR CIRCLE.**

**Motijharan, Sambalpur, Pin-768001**

**E-mail :- [rccf.sambalpur@odisha.gov.in](mailto:rccf.sambalpur@odisha.gov.in)**

Memo No. 429 /3F- /2023,

Dated, Sambalpur the 02 th March,2023

To

The Divisional Forest Officer,  
Jharsuguda Forest Division.

Sub :

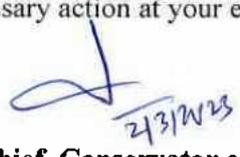
Diversion of 13.465 ha. of Forest land for construction of 12 KV D/C Transmission Line from Brajrajnagar to proposed 132/33 KV Grid Sub-Station, Kudaloi, Lakhanpur in the District of Jharsuguda, Odisha.

Ref :

Your office Memo No.1249/FCA(Misc.) dt.01.03.2023.

Please refer to the memo cited above on the captioned subject, the maintenance of plantation of Dwarf species (preferably medicinal plant) for Diversion of 13.465 ha. of Forest land for construction of 12 KV D/C Transmission Line from Brajrajnagar to proposed 132/33 KV Grid Sub-Station, Kudaloi, Lakhanpur in the District of Jharsuguda, Odisha with financial outlay of Rs.26,70,019/-(Rupees Twenty six lakh seventy thousand nineteen )only as submitted by you is here by Technically Approved and returned herewith for taking necessary action at your end.

Encl. : As above.

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

Memo No. \_\_\_\_\_ / Dated :

Copy forwarded to the Principal Chief Conservator of Forests, (Forest Division & Nodal Officer, FC Act.), O/o the PCCF & HoFF, Odisha, Bhubaneswar for favour of information and necessary action with reference to memo No.1250 dt.01.03.2023 of DFO, Jharsuguda Forest Division.

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

Memo No. \_\_\_\_\_ / Dated :

Copy forwarded to the Dy. General Manager (Elect.),EHT (Const.)Division, Jharsuguda for information and necessary action with reference to memo No.1251 dt.01.03.2023 of DFO, Jharsuguda Forest Division.

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

**SCHEME**

**FOR**

**CREATION AND MAINTENANCE OF PLANTATION OF DWARF SPECIES (PREFERABLY MEDICINAL SPECIES) IN RIGHT OF WAY UNDER 132 KV POWER TRANSMISSION LINE FROM 132/33KV D/C GRID SUB-STATION AT BRAJARAJNAGAR TO PROPOSED GRID SUB-STATION AT KUDALOI , LAKHANPUR BY M/S ODISHA POWER TRANSMISSION CORPORATION LIMITED (OPTCL), UNDER JHARSUGUDA FOREST DIVISION OF JHARSUGUDA DISTRICT**

**in compliance to**

**Condition No. 2-A.vi of Stage-I/ in-principle approval Clearance grant order vide letter No. 5-ORC546/2023-BHU dated 3rd Feb' 2023 of Govt. of India, Ministry of Environment, Forest & Climate Change, Eastern Regional Office, Bhubaneswar for diversion of 13.465 Ha of Forest land in Jharsuguda Forest Division.**

## **1. Introduction**

Govt. of Odisha, Department of Energy vide Gazette notification dt. 09.03.2006 formed a Company named Odisha Power Transmission Corporation Ltd. (OPTCL) having its registered office at Bhoingar, Bhubaneswar-751022. The Company has been registered under the Companies Act, 1956 and a license received in the business of India-State Transmission of Electricity under the Electricity Act-2003 (36 of 2003). The present project of OPTCL is to connect in Right of Way under 132 KV D/C Transmission line from Brajrajnagar to 132/33 KV Grid Sub-Station at Lakhanpur in Jharsuguda District, in the state of Odisha for diversion of 13.465 Ha forest land. The main aim of the project is:

- a. Improvement of voltage profile
- b. To minimise interruption of Power supply to consumers
- c. Enhance security & reliability of power system,
- d. Strengthening the Transmission system
- e. Availability of Alternate Power Supply
- f. Promoting Small Scales Industries & Agricultural growth of the area, thereby increasing the economic conditions of the farmers & per capita income of Tribals there, who constitute a major portion of population.
- g. Providing more employment opportunities through Agriculture & Small Scale Industries.

This project gives a boost to development of Odisha State in general & Jharsuguda district.

This project for construction of 132 KV line is passing through a corridor of 27 m width in One village of Jharsuguda Tahsil and Five villages of Lakhanpur Tahasil in Jharsuguda District under Jharsuguda Forest Division. The total Forest area is 13.465 Ha & Non-Forest area is 26.408 Ha (Government Non forest Land of 7.142 Ha + Private Non forest land of 19.266 Ha) and total area of project is 39.873 Ha.

The project is shown in Survey of India (SOI) Topo sheet No. "F44R13" in 1:50000 scale, bounded by starting latitude 21°51'05.76"N, longitude 83°54'45.16"E and ending latitude 21°46'45.37"N, longitude 83°48'13.79"E (The alignment map earlier enclosed).

Due to involvement of Forest land, the User Agency has prepared a proposal for diversion of 13.465 Ha of Forest land, total 6 villages vide proposal no. FP/OR/TRANS/150350/2021 & Sl. No. OR-0104/2021 dt. 31.12.2021. This proposal has been duly recommended by DFO, Jharsuguda Forest Division / RCCF, Sambalpur Circle/ Additional PCCF & Nodal Officer, O/o PCCF & HoFF/Additional Chief Secretary to Govt. of Odisha & In-Charge Forest & Environment Department & "Stage-I/in-principle" approval has been accorded vide his letter no. 5-ORC546/2023-BHU dated 3rd Feb' 2023 of Dy. Inspector General of Forests (C), MoEF & CC, Bhubaneswar with the conditions to be compiled by the User Agency (OPTCL).

In condition No (2-A. vi), MoEF has stated that, the User Agency in consultation with State Forest Department shall prepare a detailed scheme for creation & maintenance of plantation of Dwarf Species (Preferably medicinal species) in Right of Way under the Transmission Line & provide funds for execution of the said scheme by the State Forest Department Jharsuguda Forest Division.

There are 6 nos of conductors are to be strung in the proposed transmission line for evacuation of power from which as per guideline issued by MoEF&CC Dt. 5.05.2014 para 1. (ii), the outer string will be left untouched which will be used by the User Agency for maintenance of the transmission line.

The corridor width of transmission line is 27.0 mtr. The cross arm width of towers where conductors will be erected is 9.1 mtr and 2.9 mtr minimum horizontal clearance is required from live conductor as per Indian Electricity Rule-1956. Hence, 6.05 mtr of space is left on either side of the transmission line for dwarf plantation.

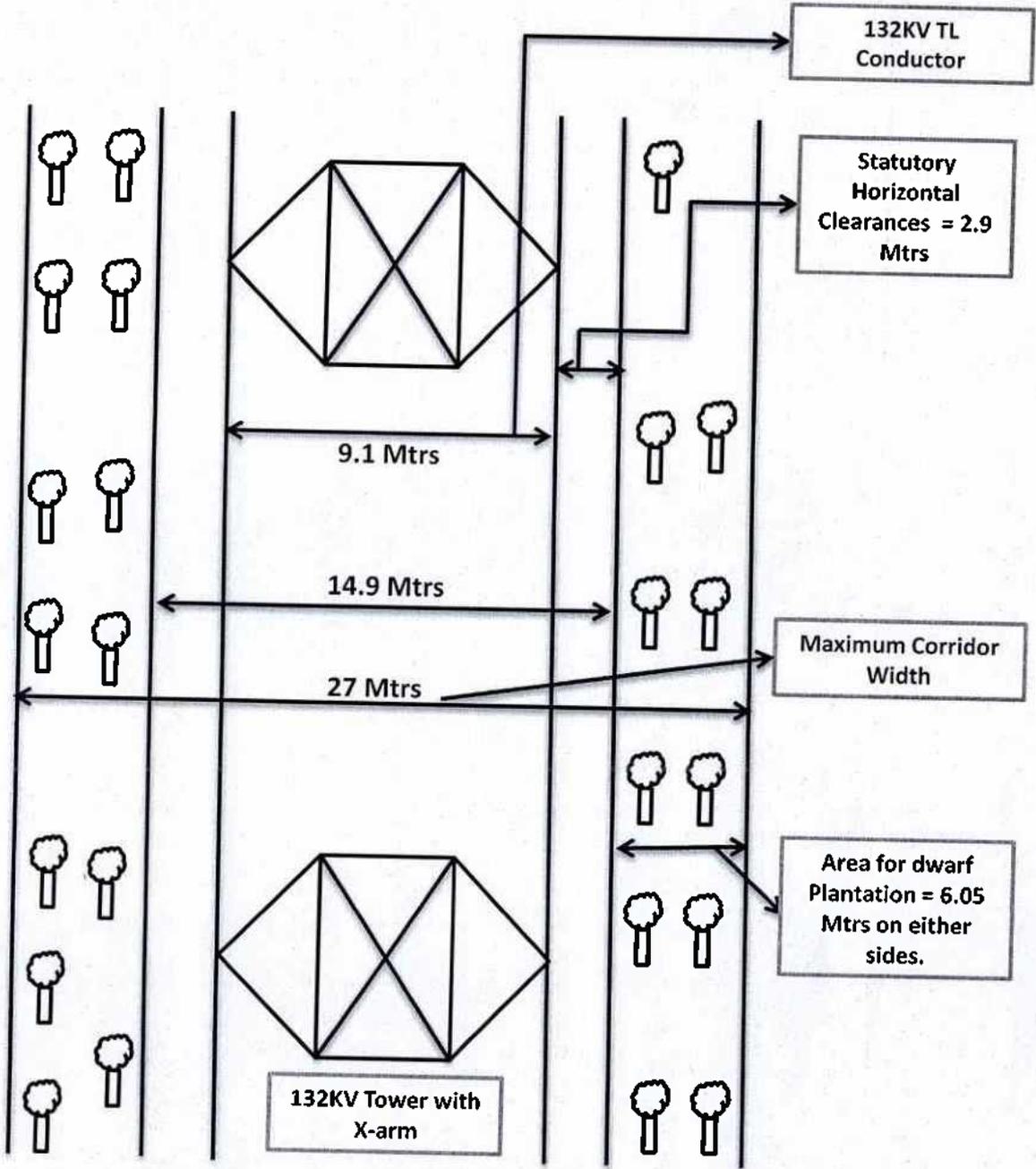
Hence, for above project, 6.04 Ha. of area will be available for plantation of dwarf trees after deduction of area below both bottom conductor and statutory clearance.

## **2. Objective of the Scheme**

The Right of Way (ROW) has been fixed at 27 m (132 KV), fitted with three conductors on both side hangers at height of 12m. Since the Forest Land over 13.465 Ha need to be diverted & 1851 no. of trees have been enumerated for felled inside the Forest land, total trees to be felled is 3235 nos.(F.L-1851 no +N.F 1384 no.). Sufficient no. of trees needs to be planted to maintain the ecology of the site intact. But in future, the height of trees may grow to a height which will touch the sagging height of conductors. That is why, it has been decided to plant Dwarf Trees (Preferably Medicinal varieties), which even if grow to their maximum heights, will not touch the conductors resulting interruption in supply of Power.



**DWARF PLANTATION SCHEME FOR 132KV D/C BRAJRAJNAGAR-LAKHANPUR TL.**  
**FOREST PROPOSAL No: FP/OR/TRANS/150350/2021**



Plantation area calculation =  $(13.465/27) \times 6.05 \times 2 = 6.03 \text{ Ha}$

*[Signature]*  
29/12/23  
Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda

### **3. List of such Dwarf Trees have been enunciated below**

1. Baula (*Mimosops elengi*)
2. Bhrusunga (*Murraya koenigii*)
3. Baruna (*Crateva religiosa*)
4. Khair (*Acacia catechu*)
5. Barkoli (*Ziziphus mauritiana*)
6. Poichandia (*Putranjiva roxburghii*)
7. Sunari (*Cassia fistula*)
8. Ganga siuli (*Nyctanthes arbortristis*)
9. Ashok (*Saraca ashoka*)
10. Chama (*Michelia champca*)
11. Sisal (*Agave sisalana*)
12. Char (*Buchanania lanzan*)

### **4. Topography and soil**

The soil type occurring in the area is shallow, loamy, well drained, on moderately hill slope. Of-course, at places good soil suitable for the growth of plants area also available.

### **5. Climatic conditions**

The climatic condition of this area will favour to the growth of Dry Deciduous species. The average annual rain fall is 75 - 100 cm. In summer the temperature rises to 46° Celsius and in winter falls to 18°.

### **6. Plantation Model**

As per cost norm 1,000 plants per Ha will be planted.

#### **METHODOLOGY:**

It is proposed to plant the Seedlings in pits at about 2.5 m intervals so that the tree density is about 1000 trees per ha. The pits shall be filled with a mixture of good quality soil and organic manure (cow dung, agricultural waste, kitchen waste). The saplings shall be planted just after the commencement of the monsoons to ensure maximum survival. The species selected for plantation (as mentioned above in Point No.3) must be indigenous with fast growth rate and ability to flourish even in poor quality soils.

**1. POST PLANTATION CARE:**

Prescribed Post Plantation care shall be adopted to ensure maximum survival of the plants. Manuring will be done using organic manure (animal dung, agricultural waste, kitchen waste, etc.). Diseased and dead plants will be uprooted and destroyed and replaced by fresh saplings. Growth / health and survival rate of saplings will be regularly monitored and remedial actions will be undertaken as required.

**2. PRE-PLANTING AND PLANTING OPERATION:**

Different operations those will be taken up for plantation are as follows:

**i) Raising of nursery:**

Seedling required for plantation shall be raised in a temporary nursery nearer to the plantation site and perennial water sources. Nursery work will be started one year before the year of plantation so that two-year-old seedling will be available for plantation. The seedlings should be raised 20% extra besides the actual requirement to compensate the casualties both in Nursery as well as in planting site. Standard nursery practice will be followed for raising such polythene bag nursery.

**ii) Alignment and pitting:**

Alignment and pitting will be taken up in the month of March-April, Pits of size 45cm X 45cm X 45cm will be dug maintaining a spacing of 2.5m x 2.5m. While cleaning the undergrowth to facilitate pitting, regeneration of prominent species of the locality will be retained and given preference than the planted ones.

**iii) Actual Planting:**

The seedlings will be planted in the dugout pits of size 45cm X 45cm X 45cm with spacing of 2.5m X 2.5m. Plantation should be taken up after first regular shower of monsoon and should be completed by the end of July. Species shall be planted as per suitability of the soil condition. NPK fertilizer should be given as basal dosage. Anti-termite insecticide should also be applied to each pit while planting. Casualty if any noticed will be replaced with the excess seedling raised for the purpose. During second year also casualty replacement will be done for which seedling shall be raised.

**iv) Weeding, Soil working & Manuring:**

For establishment and better growth of the planted seedlings, weeding, soil working and manuring are necessary. It is prescribed to carry out two weeding, soil working and manuring during first year and second year of plantation and one weeding and soil working during third year. During the first year and second year first weeding and

manuring shall be carried out during August-September and the second one during October-November. First weeding shall be strip weeding and the second will be of circular weeding. The weeding of third year will be an area weeding which will be carried out during August.

After each weeding, soil working will be done around each plant at radius of 0.5mtr and manuring of each plant will be done.

**v) Application of insecticides:**

The plantation site after planting good healthy seedling may cause influx of insects, which usually eat and damage the tender leaves and shoots of the plants. To get rid of such insects attack application of the insecticides will be taken up in required doses at desired intervals. Spraying of insecticides shall be done preferably in a sunny day before forenoon.

**vi) Fire line tracing and Maintenance:**

Fire causes heavy losses to the forest during fire session. To prevent incidence of fire in such plantation site where grass may grow due to application of manure to the seedlings, the area shall be divided in to suitable blocks by tracing fire lines. Boundaries of the plantation and these block lines will be scrapped of weeds and grasses during February-March and the cut back materials and the dry leaves stacked along these lines will be burnt under strict supervision. This operation shall be carried out for three years.

**3. INSPECTION, MONITORING AND EVALUATION:**

For successful implementation of the above mitigative measures like, intensive inspection and technical guidance from concerned technical wing to the field executives is required.

**4. EXECUTING AGENCY:**

M/s Odisha PowerTransmission Corporation Ltd (OPTCL), will pay the cost of Dwarf species plantation amounting to be Rs. 2670019/- as detailed below to Divisional Forest Officer, Jharsuguda Forest Division to implement and execute the scheme.

  
**Divisional Forest Officer,  
Jharsuguda Forest Division.**

**TOTAL FINANCIAL OUTLAY OF THE DWARF PLANTATION SCHEME  
(AS PER ONE-TIME COST NORM)**

SL NO	DESCRIPTION	AMOUNT (RS.)
1.	Cost of Dwarf Plantation 6.03Ha. @Rs.258777.00 per ha. (As per cost norm model-I-A 1000plants/ha	1560425.31
2.	Fencing for plantation raised inside the diverted areas using Bamboo Twigs & Thorns @ Rs.110214.00/250Rmt/Ha. over 6.03 Ha. = 1507.5 RMT (As per cost norm Model No.F-I)	664590.42
	<b>Sub Total</b>	<b>2225015.73</b>
	<b>Escalation (20%)</b>	<b>445003.14</b>
	<b>Total</b>	<b>2670018.87 or 2670019.00</b>
<b>(Rupees Twenty Six Lakh Seventy Thousand Nineteen ) Only</b>		

*Technically Approved*  
*[Signature]*  
24/3/2023

Regional Chief Conservator of Forests  
Sambalpur

*[Signature]*  
Divisional Forest Officer,  
Jharsuguda Forest Division



# ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଃ. ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

E.H.T. (C) DIVISION, JHARSUGUDA

AT-Budhipadar, PO: H.Katapali, Dist-Jharsuguda-768202

E-mail: [ehhc.div.jsq@optcl.co.in](mailto:ehhc.div.jsq@optcl.co.in)

No. FC-21/LAKHANPUR / 306 (4)

Date. 17.03.2023

To

The Divisional Forest Officer,  
Jharsuguda Forest Division, Jharsuguda.

Sub: Deposit of cost towards dwarf plantation scheme against FDP of 13.465 ha forest land within the corridor of 132 KV D/C Brajarajnar-Lakhanpur Transmission line.

Ref: 1) Proposal No. FP/OR/TRANS/150350/2021 & Sl. No. OR-0104/2021 dt. 31.12.2021.  
2) Letter No. 5-ORC546/2023-BHU, dated 03.02.2023 of the Dy. Inspector General of Forests (C), MoEF & CC, Integrated Regional Office, Bhubaneswar, Odisha.  
3) Your letter No. 1249/FCA (Misc.), dt. 01.03.2023.

Sir,

With respect to Forest clearance proposal no. FP/OR/TRANS/150350/2021 & Sl. No. OR-0104/2021 dt. 31.12.2021 for FDP of 13.465 ha forest land within the corridor of 132 KV D/C Brajarajnar-Lakhanpur Transmission line, in principle approval obtained vide order no. 5-ORC546/2023-BHU, dated 03.02.2023 of Dy. Inspector General of Forests (C), MoEF, Govt. of India, Eastern Region Office, Bhubaneswar.

As per your demand note letter under reference-3 and 4 regarding cost towards dwarf plantation scheme, OPTCL has deposited the same in the CAMPA fund. The payment details are laid down below for your kind reference.

Sl. No.	Description	Amount (in Rs)	Payment Reference
1	Dwarf plantation scheme	26,70,019.00	SBINR52023031737854568

In the above context, it is requested to your good self to issue working permission in the forest location so that the project can be completed at the earliest.

**With regards**

Yours faithfully,

Encl: As above.

17/03/23  
Dy. General Manager (Elect)  
EHT (C) Division, Jharsuguda.

CC to:

1. SDO, EHT (C) Sub-Division, Jharsuguda for information and necessary action.
2. General Manager (Elec), EHT (C) Circle, OPTCL, Sambalpur for kind information.
3. Chief General Manager (CMC), OPTCL, Bhubaneswar for kind information.

AGENCY COPY

यूनियन बैंक Union Bank of India



NEFT / RTGS CHALLAN for CAMPA Funds

Date : 16-03-2023

Agency Name.	OPTCL
Application No.	64150350767
MoEF/SG File No.	5-ORC546/2023-BHU
Location.	ORRISA
Address.	EHT (Construction) Division, OPTCL, Jharsuguda Jharsuguda
Amount(in Rs)	2670019/-

Amount in Words :Twenty-Six Lakh Seventy Thousand and Nineteen Rupees Only

NEFT/RTGS to be made as per following details;

Beneficiary Name:	ORRISA CAMPA
IFSC Code:	UBIN0996335
Pay to Account No.	1508264150350767 Valid only for this challan amount.
Bank Name & Address:	Union Bank Of India FCS Centre,21/1, III Floor, Jelitta Towers, Mission Road, Bengaluru-560027

- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

**Note:**After making the required payment through cl even after 7 working days, then kindly mail a copy of id to Email: fcsblr@unionbankofindia.bank , epurse@ubin0903710@unionbankofindia.bank

SD/INR 520220 91737854568

7409869 MARY MADHURIEKKA  
SBI, JHARSUGUDA BRANCH  
17 MAR 2023 Sign.

JOURNAL  
17 MAR 2023 Sign.

## AGENCY COPY



## NEFT / RTGS CHALLAN for CAMPA Funds

Date : 16-03-2023

Agency Name.	OPTCL
Application No.	64150350767
MoEF/SG File No.	5-ORC546/2023-BHU
Location.	ORRISA
Address.	EHT (Construction) Division, OPTCL, JharsugudaJharsuguda
Amount(in Rs)	2670019/-

**Amount in Words** :Twenty-Six Lakh Seventy Thousand and Nineteen Rupees Only

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- This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

## BANK COPY

## NEFT / RTGS CHALLAN for CAMPA Funds

Date : 16-03-2023

Agency Name.	OPTCL
Application No.	64150350767
MoEF/SG File No.	5-ORC546/2023-BHU
Location.	ORRISA
Address:	EHT (Construction) Division, OPTCL, Jharsuguda Jharsuguda
Amount(in Rs)	2670019/-

**Amount in Words** :Twenty-Six Lakh Seventy Thousand and Nineteen Rupees Only

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**Note:**After making the required payment through challan, if the payment status has not been updated even after 7 working days, then kindly mail a copy of your challan with transaction date and reference id to Email: [fcsblr@unionbankofindia.bank](mailto:fcsblr@unionbankofindia.bank) , [epurse@unionbankofindia.bank](mailto:epurse@unionbankofindia.bank), [ubin0903710@unionbankofindia.bank](mailto:ubin0903710@unionbankofindia.bank)



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଠ.**  
**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

(A Government of Odisha Undertaking)

E.H.T. (C) DIVISION, JHARSUGUDA

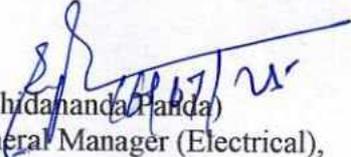
AT-Budhipadar, PO: H.Katapali, Dist-Jharsuguda-768202

E-mail: [ehhc.div.jsq@optcl.co.in](mailto:ehhc.div.jsq@optcl.co.in)

**Annexure - 7**

**Undertaking for the Stipulated Conditions No (2-A-vii) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that the statutory deposit as per the demand note of Divisional Forest Officer, Jharsuguda Forest Division, Jharsuguda shall be deposited/ transferred in CAMPA account only through E-portal.

  
(Sachidananda Panda)  
Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory  
Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଠ.**  
**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

(A Government of Odisha Undertaking)

E.H.T. (C) DIVISION, JHARSUGUDA

AT-Budhipadar, PO: H.Katapali, Dist-Jharsuguda-768202

E-mail: [ehhc.div.jsq@optcl.co.in](mailto:ehhc.div.jsq@optcl.co.in)

**Annexure – 8**

**Undertaking for the Stipulated Conditions No (2-A-viii) of Stage-I Forest Clearance.**

I, Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that the compliance report of Stage-I approval shall be uploaded on e-portal (<https://parivesh.nic.in>).

(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda

DISTRICT OFFICE :JHARSUGUDA  
(ST & SC Development Section )  
Phone:- 06645-273402, E-Mail:- dwojharsugudaows@gmail.com

Letter No. 360 Dt. 20/02/2024

To

The Divisional Forest Officer, Jharsuguda Forest Division

Sub:- Issue of No objection Certificate( NOC) in regard Forest Right Act 2006 against diversion of forest land over 13.465 ha which is coming within the corridor proposed for diversion of 132KV Grid Sub- Station, Kudaloi, Lakhanpur.

Sir

With reference to the subject cited above, I am to submit herewith the joint enquiry report on below cited Area and FRA Certificate in the prescribed format issued in favour of Dy. General Manager (EI) E.H.T (O &M) Division, Jharsuguda under provision of section 6(5) of ST & other Forest Dwellers (Recognition of forest Rights Act, 2006 and amendment Rules 2021 for favour of your kind information and necessary action. The village land Schedule of area of 13.465 hectare of forest land being used for the aforesaid purpose in mention below for favour of your kind information and necessary action.

SL NO	TAHASIL NAME	VILLAGE NAME	KHATA NO	PLOT NUMBER	KISSAM	TOTAL AREA IN Ac.	Total Required Area		OWNER NAME
							AREA IN Ac.	AREA IN Ha.	
1	Jharsuguda	Brajarnagar town Unit No.03	309	299	Gramya jungle	0.2	0.001	0.0004	ରକ୍ଷିତ
2			309	298	Gramya jungle	0.073	0.071	0.029	ରକ୍ଷିତ
3			309	305	Gramya jungle	12.970	1.997	0.808	ରକ୍ଷିତ
4			309	300	Gramya jungle	0.310	0.037	0.015	ରକ୍ଷିତ
5			311	505	Jungle	8.040	1.453	0.588	ଆବାଦ ଯୋଗ୍ୟ ଅନାବାଦୀ
6			309	498	Gramya jungle	19.440	1.086	0.440	ରକ୍ଷିତ
7			309	491	Gramya jungle	21.875	1.799	0.728	ରକ୍ଷିତ
8			309	490	Gramya jungle	21.875	1.623	0.657	ରକ୍ଷିତ
9			309	493	Gramya jungle	17.230	0.182	0.074	ରକ୍ଷିତ
10			309	1193	Gramya jungle	21.750	0.006	0.002	ରକ୍ଷିତ
11			309	1192	Gramya jungle	18.532	1.816	0.735	ରକ୍ଷିତ
12			309	1189	Gramya jungle	9.970	0.536	0.217	ରକ୍ଷିତ

SL NO	TAHASIL NAME	VILLAGE NAME	KHATA NO	PLOT NUMBER	KISSAM	TOTAL AREA IN Ac.	Total Required Area		OWNER NAME
							AREA IN Ac.	AREA IN Ha.	
13	Jharsuguda	Brajarajnagar town Unit No.03	309	1188	Gramya jungle	1.848	0.443	0.179	ରକ୍ଷିତ
14			309	1189	Gramya jungle	9.970	0.363	0.147	ରକ୍ଷିତ
15			309	1182	Gramya jungle	0.208	0.134	0.054	ରକ୍ଷିତ
16			309	1203	Gramya jungle	15.160	0.582	0.235	ରକ୍ଷିତ
17			309	1149	Bada jungle	0.430	0.018	0.007	ରକ୍ଷିତ
18			309	1204	Gramya jungle	10.190	0.083	0.034	ରକ୍ଷିତ
19			309	459/2677	Gramya jungle	2.045	0.371	0.150	
20			309	505/2683	Gramya jungle	6.330	0.378	0.153	
<b>SUB. TOTAL AREA</b>						<b>198.446</b>	<b>12.979</b>	<b>5.252</b>	
1	Lakhanpur	Chhualiberna	112	340	Jungle	0.410	0.067	0.027	
2			112	328	Jungle	7.500	0.643	0.260	
3			112	361	Jungle	1.930	0.350	0.142	
4		BELPAHAR	1267	129	Gramya jungle	22.350	1.731	0.700	
5			1267	126	Gramya jungle	5.460	0.071	0.029	
6			1267	131	Gramya jungle	1.800	0.659	0.267	
7			1267	132	Gramya jungle	1.360	0.534	0.216	
8			1267	133	Gramya jungle	1.320	0.364	0.147	
9			1267	135	Gramya jungle	53.270	0.966	0.391	
10			1267	113	Gramya jungle	30.600	1.705	0.690	
11			1267	606	BADA JUNGLE	1.420	0.635	0.257	
12			1267	488	BADA JUNGLE	27.820	2.493	1.009	
13			1267	131/6473	Gramya jungle	0.960	0.064	0.026	
14			PIPILIMA	203	980	Gramya jungle	1.420	0.156	0.063
15		203		975	Gramya jungle	3.600	0.662	0.268	
16		203		978	Gramya jungle	1.800	0.002	0.001	
17		203		178	Gramya jungle	39.550	1.908	0.772	
18		203		172	Gramya jungle	0.550	0.173	0.070	

SL NO	TAHASIL NAME	VILLAGE NAME	KHATA NO	PLOT NUMBER	KISSAM	TOTAL AREA IN Ac.	Total Required Area		OWNER NAME
							AREA IN Ac.	AREA IN Ha.	
19	Lakhanpur		203	75	Gramya jungle	0.930	0.146	0.059	
20			203	74	Gramya jungle	2.380	0.045	0.018	
21		BANJARI	65	1002	Gramya jungle	0.470	0.232	0.094	
22			65	1196	Gramya jungle	0.530	0.010	0.004	
23			65	993/1313	Gramya jungle	1.000	0.086	0.035	
24		KUDALOI	353	1027	Gramya jungle	0.280	0.012	0.005	
25			353	1059	Gramya jungle	0.970	0.376	0.152	
26			353	1060	Gramya jungle	1.390	0.037	0.015	
27			353	1061	Gramya jungle	1.620	0.610	0.247	
28			353	1082	Gramya jungle	1.560	0.484	0.196	
29			353	1081	Gramya jungle	29.670	0.309	0.125	
30			353	1065	Gramya jungle	1.580	0.489	0.198	
31			353	1075	Gramya jungle	0.630	0.227	0.092	
32			353	1213	Gramya jungle	84.850	3.825	1.548	
33			353	1008/3292	Gramya jungle	7.690	0.223	0.090	
SUB. TOTAL AREA						338.670	20.294	8.213	
TOTAL AREA						537.116	33.273	13.465	

Enclosed:- As above

Yours faithfully

District Welfare Officer  
Jharsuguda

Memo No 361 Date 20/02/2024

Copy to Dy. General Manager (EI) E.H.T (O &M) Division, Jharsuguda for information & necessary action.

District Welfare Officer  
Jharsuguda

FORM -I

(For linear Projects)

[Rule 6(3) (e) of Forest (Conservation) Rules 2003 as amended up to date]

Government of Odisha,

Office of District Collector, Jharsuguda.

No.....359.....Dated...20/02/2014

TO WHOMSOEVER IT, MAY CONCERN

In compliance of the Rule 6(3)(e) of the Forest (Conservation) Rules, 2003 [as amended vide the Forest (Conservation) Amendment Rules 2014; Forest (Conservation) second Amendment Rules 2014; and Forest (Conservation) Amendment Rules 2016] it is certified that **13.465 hectares** of forest land proposed to be diverted in favour of Odisha Power Transmission Corporation Limited (OPTCL) for **Construction of 132 KV Transmission line from Brajaraj Nagar to proposed 132/33 KV Grid Sub-Station, Kudaloi, Lakhanpur**, in the district falls within the jurisdiction of village(s) Brajaraj Nagar town Unit No 03, Chhualibera, Belpahar, Pilimal, Banjari, Kudaloi, in Tahasil Jharsuguda & Lakhanpur under Jharsuguda Dist. It is further certified that:

- (a) the complete process for identification and settlement of rights under the FRA has been carried out for the entire **13.465 hectares** of forest land proposed for diversion. A copy of joint enquiry report submitted by Block Development Officer Lakhanpur & Welfare Extension Officer Jharsuguda are enclosed as attachment.
- (b) the diversion of forest land for facilities managed by the Government as required under section 3 (2) of the FRA, 2006 have been completed and the Gram Sabhas has given their consent to it;
- (c) the proposed area does not involve recognized rights of Primitive Tribal Groups and Pre- Agricultural Communities.

Encl.: As above.

COLLECTOR Signature

(Full name and official seal of the District Collector)  
JHARSUGUDA



ପଞ୍ଚାୟତ ସମିତି କାର୍ଯ୍ୟାଳୟ, ଲକ୍ଷନପୁର  
**PANCHAYAT SAMITI OFFICE, LAKHANPUR**

At:- Lakhanpur P.O:- Lakhanpur  
 (ST & SC DEV. SECTION)

District:- Jharsuguda, Odisha, Pin:-768219 E-mail: ori-lakhanpur@nic.in

Letter No:- 150

Date:- 12.01.24

FRA

To,

The District Welfare Officer  
 Jharsuguda

Sub- Submission of joint enquiry report.

Ref- Letter no-1032 ,dated-23.08.23 of District Welfare Officer Jharsuguda

Sir,

With reference to the subject cited above I am to submit herewith the joint enquiry report of WEO Lakhanpur, Revenue Inspector Belpahar and Piplimal, Forest Range Officer Brajrajnagar and Belpahar for favour of your kind information and necessary action.

FRA

Encl-As above

Yours faithfully

  
 Block Development Officer  
 Lakhanpur

ସ୍ଥାନ :-

ତା :-

ଛୁଆଲିବେଣ୍ଟା ମୌଜା ଖାତା ନଂ ୧୧୨ ର ପୁଟ ନଂ ୩୪୦, ୩୨୮, ୩୨୧ ରୁ ଯଥା କ୍ରମେ ଏ ୦.୦୭୭ ଡି, ଏ ୦.୨୪୩ ଡି, ଏ ୦.୩୫୦ ଡି ଜଙ୍ଗଲ କିସମ ଜମି ଉପରେ 132 KV DC transmission line from Brajrajnagar to proposed 132/33 KV Grid sub-station Kudaloi, Lakhanpur in Jharsuguda District. ର ପ୍ରକଳ୍ପ ନିର୍ମିତ ପ୍ରସ୍ତାବ ସଂପର୍କରେ:-

ଏତଦ୍ୱାରା ପ୍ରମାଣିତ କରାଗଲା ଯେ, ଛୁଆଲିବେଣ୍ଟା ମୌଜା ଖାତା ନଂ ୧୧୨ ର ପୁଟ ନଂ ୩୪୦, ୩୨୮, ୩୨୧ ରୁ ଯଥା କ୍ରମେ ଏ ୦.୦୭୭ ଡି, ଏ ୦.୨୪୩ ଡି, ଏ ୦.୩୫୦ ଡି ଜଙ୍ଗଲ କିସମ ଜମି ଉପରେ:-

- ୧) ଉକ୍ତ ପ୍ରସ୍ତାବିତ ଜମି ଉପରେ କୌଣସି ଆଦିମ ଅଧିବାସୀ ଶ୍ରେଣୀ କିମ୍ବା ପ୍ରାକ କୃଷି ସମ୍ପ୍ରଦାୟ ଲୋକ ରହୁନାହାନ୍ତି ।
- ୨) ଉକ୍ତ ପ୍ରସ୍ତାବିତ ଜମି ଉପରେ କାହାରିକୁ ପଜା ଦିଆଯାଇ ନାହିଁ ।
- ୩) ସର୍ବୋପରି ଉକ୍ତ ଜମି ଉପରେ କୌଣସି ଆଦିମ ଅଧିବାସୀ ଶ୍ରେଣୀ କିମ୍ବା ପ୍ରାକ କୃଷି ସମ୍ପ୍ରଦାୟ ଲୋକଙ୍କର କୌଣସି ଦାବି ନାହିଁ ।

*Sh*  
08.12.23  
Welfare Extension Officer  
Lakhanpur

*R*  
08.12.23  
Revenue Inspector  
Belpahar

*7ms*  
8.12.23  
Revenue Supervisor  
Lakhanpur  
SUPERVISOR  
LAKHANPUR TAHSIL

*A*  
Forester  
Bairainagar Section

*A*  
Forest Range Officer  
Brajrajnagar

*DL*  
18.12.23  
Executive Officer  
Belpahar Municipality

*Nmm*  
Tahasildar  
Lakhanpur  
TAHASILDAR  
LAKHANPUR

*dp*  
Block Development Officer  
Lakhanpur

*Shm*  
District Welfare Officer  
Jharsuguda

ସ୍ଥାନ :-

ତା :-

ବେଲପାହାଡ ମୌଜା ଖାତା ନଂ ୧୨୭୭ ର ପୁଟ ନଂ ୧୨୯, ୧୨୭, ୧୩୧, ୧୩୨, ୧୩୩, ୧୩୫, ୧୧୩, ୧୩୧/୨୪୭୩ ରୁ  
ଯଥା କ୍ରମେ ଏ ୦.୭୩୧ ଡି, ଏ ୦.୦୭୧ ଡି, ଏ ୦.୨୫୯ ଡି, ଏ ୦.୫୩୪ ଡି, ଏ ୦.୩୨୪ ଡି, ଏ ୦.୯୭୭ ଡି, ଏ ୧.୭୦୫ ଡି,  
ଏ ୦.୦୨୪ ଡି ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ କିସମ ଜମି ଓ ଖାତା ନଂ ୧୨୭୯ ର ପୁଟ ନଂ ୨୦୨ ଓ ୪୮୮ ରୁ ଯଥା କ୍ରମେ ଏ ୦.୨୩୫ ଡି,  
ଏ ୨.୪୯୩ ଡି ବଡ଼ ଜଙ୍ଗଲ କିସମ ଜମି ଉପରେ 132 KV DC transmission line from Brajrajnagar to  
proposed 132/33 KV Grid sub-station Kudaloi, Lakhanpur in Jharsuguda District. ଉ ପ୍ରକଳ୍ପ ନିମିତ୍ତ  
ପ୍ରସ୍ତାବ ସଂପର୍କରେ:-

ଏତଦ୍ୱାରା ପ୍ରମାଣିତ କରାଗଲା ଯେ, ବେଲପାହାଡ ମୌଜା ଖାତା ନଂ ୧୨୭୭ ର ପୁଟ ନଂ ୧୨୯, ୧୨୭, ୧୩୧, ୧୩୨,  
୧୩୩, ୧୩୫, ୧୧୩, ୧୩୧/୨୪୭୩ ରୁ ଯଥା କ୍ରମେ ଏ ୦.୭୩୧ ଡି, ଏ ୦.୦୭୧ ଡି, ଏ ୦.୨୫୯ ଡି, ଏ ୦.୫୩୪ ଡି, ଏ  
୦.୩୨୪ ଡି, ଏ ୦.୯୭୭ ଡି, ଏ ୧.୭୦୫ ଡି, ଏ ୦.୦୨୪ ଡି ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ କିସମ ଜମି ଓ ଖାତା ନଂ ୧୨୭୯ ର ପୁଟ ନଂ  
୨୦୨ ଓ ୪୮୮ ରୁ ଯଥା କ୍ରମେ ଏ ୦.୨୩୫ ଡି, ଏ ୨.୪୯୩ ଡି ବଡ଼ ଜଙ୍ଗଲ କିସମ ଜମି ଉପରେ :-

- ୧) ଉକ୍ତ ପ୍ରସ୍ତାବିତ ଜମି ଉପରେ କୌଣସି ଆଦିମ ଅଧିବାସୀ ଶ୍ରେଣୀ କିମ୍ବା ପ୍ରାକ କୃଷି ସମ୍ପ୍ରଦାୟ ଲୋକ ରହୁନାହାନ୍ତି ।
- ୨) ଉକ୍ତ ପ୍ରସ୍ତାବିତ ଜମି ଉପରେ କାହାରିକୁ ପଟା ଦିଆଯାଇ ନାହିଁ ।
- ୩) ସର୍ବୋପରି ଉକ୍ତ ଜମି ଉପରେ କୌଣସି ଆଦିମ ଅଧିବାସୀ ଶ୍ରେଣୀ କିମ୍ବା ପ୍ରାକ କୃଷି ସମ୍ପ୍ରଦାୟ ଲୋକଙ୍କର କୌଣସି ଦାବି  
ନାହିଁ ।

*SV*  
8.12.23  
Welfare Extension Officer  
Lakhanpur

*[Signature]*  
8.12.23  
Revenue Inspector  
Belpahar

*[Signature]*  
8.12.23  
Revenue Supervisor  
REVENUE SUPERVISOR  
LAKHANPUR TAHSIL

*[Signature]*  
Forest Officer  
Belpahar Section

*[Signature]*  
Forest Range Officer  
Range Officer  
Belpahar Forest Range

*[Signature]*  
Tahasildar  
LAKHANPUR

*[Signature]*  
Block Development Officer  
Lakhanpur

*[Signature]*  
District Welfare Officer  
Jharsuguda

ସ୍ଥାନ :-

ତା :-

ପିପିଲିମାଲ ମୌଜା ଖାତା ନଂ ୨୦୩ ର ପ୍ଲଟ ନଂ ୯୮୦, ୯୭୫, ୯୭୮, ୯୭୮, ୯୭୭, ୭୫, ୭୪ ରୁ ଯଥା କ୍ରମେ ଏ ୦.୧୫୭  
ଡି, ଏ ୦.୨୭୨ ଡି, ଏ ୦.୦୦୨ଡି, ଏ ୧.୯୦୮ ଡି, ଏ ୦.୧୭୩ ଡି, ଏ ୦.୧୪୭ ଡି, ଏ ୦.୦୪୫ ଡି ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ କିସମ ଜମି  
ଉପରେ 132 KV DC transmission line from Brajrajnagar to proposed 132/33 KV Grid sub-  
station Kudaloi, Lakhanpur in Jharsuguda District. ର ପ୍ରକଳ୍ପ ନିମିତ୍ତ ପ୍ରସ୍ତାବ ସଂପର୍କରେ:-

ଏତଦ୍ୱାରା ପ୍ରମାଣିତ କରାଗଲା ଯେ, ପିପିଲିମାଲ ମୌଜା ଖାତା ନଂ ୨୦୩ ର ପ୍ଲଟ ନଂ ୯୮୦, ୯୭୫, ୯୭୮, ୯୭୮, ୯୭୭,  
୭୫, ୭୪ ରୁ ଯଥା କ୍ରମେ ଏ ୦.୧୫୭ ଡି, ଏ ୦.୨୭୨ ଡି, ଏ ୦.୦୦୨ଡି, ଏ ୧.୯୦୮ ଡି, ଏ ୦.୧୭୩ ଡି, ଏ ୦.୧୪୭ ଡି, ଏ  
୦.୦୪୫ ଡି ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ କିସମ ଜମି ଉପରେ :-

- ୧) ଉକ୍ତ ପ୍ରସ୍ତାବିତ ଜମି ଉପରେ କୌଣସି ଆଦିମ ଅଧିବାସୀ ଶ୍ରେଣୀ କିମ୍ବା ପ୍ରାକ କୃଷି ସମ୍ପ୍ରଦାୟ ଲୋକ ରହୁନାହାନ୍ତି ।
- ୨) ଉକ୍ତ ପ୍ରସ୍ତାବିତ ଜମି ଉପରେ କାହାରିକୁ ପଜା ଦିଆଯାଇ ନାହିଁ ।
- ୩) ସର୍ବୋପରି ଉକ୍ତ ଜମି ଉପରେ କୌଣସି ଆଦିମ ଅଧିବାସୀ ଶ୍ରେଣୀ କିମ୍ବା ପ୍ରାକ କୃଷି ସମ୍ପ୍ରଦାୟ ଲୋକଙ୍କର କୌଣସି ଦାବି  
ନାହିଁ ।

*EW*  
08.12.23  
Welfare Extension Officer  
Lakhanpur

*Revenue Inspector*  
Revenue Inspector  
PIPILIMAL

*Revenue Supervisor*  
8.12.23  
REVENUE SUPERVISOR  
LAKHANPUR TAHSIL

*Forester*  
Forester  
Belpahar Section

*Forest Range Officer*  
Range Officer  
Belpahar Forest Range

*Block Development Officer*  
Block Development Officer  
Lakhanpur

*Tahasildar*  
Tahasildar  
LAKHANPUR

*District Welfare Officer*  
District Welfare Officer  
Jharsuguda

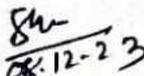
ବଞ୍ଜାରା ମୌଜା ଖାତା ନଂ ୨୫ ର ପୁଟ ନଂ ୧୦୦୨, ୧୧୯୭, ୯୯୩/୧୩୧୩ ରୁ ଯଥା କ୍ରମେ ଏ ୦.୧୫୬ ଡି, ଏ ୦.୨୨୨ ଡି, ଏ ୦.୨୩୨ ଡି, ଏ ୦.୦୧୦ ଡି, ଏ ୦.୦୮୭ ଡି ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ କିସମ ଜମି ଉପରେ 132 KV DC transmission line from Brajrajnagar to proposed 132/33 KV Grid sub-station Kudaloi, Lakhanpur in Jharsuguda District. ର ପ୍ରକଳ୍ପ ନିମିତ୍ତ ପ୍ରସ୍ତାବ ସଂପର୍କରେ :-

ଏତଦ୍ୱାରା ପ୍ରମାଣିତ କରାଗଲା ଯେ, ବଞ୍ଜାରା ମୌଜା ଖାତା ନଂ ୨୫ ର ପୁଟ ନଂ ୧୦୦୨, ୧୧୯୭, ୯୯୩/୧୩୧୩ ରୁ ଯଥା କ୍ରମେ ଏ ୦.୧୫୬ ଡି, ଏ ୦.୨୨୨ ଡି, ଏ ୦.୨୩୨ ଡି, ଏ ୦.୦୧୦ ଡି, ଏ ୦.୦୮୭ ଡି ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ କିସମ ଜମି ଉପରେ:-

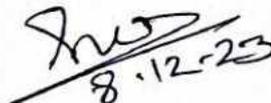
୧) ଉକ୍ତ ପ୍ରସ୍ତାବିତ ଜମି ଉପରେ କୌଣସି ଆଦିମ ଅଧିବାସୀ ଶ୍ରେଣୀ କିମ୍ବା ପ୍ରାକ କୃଷି ସମ୍ପ୍ରଦାୟ ଲୋକ ରହୁନାହାନ୍ତି ।

୨) ଉକ୍ତ ପ୍ରସ୍ତାବିତ ଜମି ଉପରେ କାହାରିକୁ ପଜା ଦିଆଯାଇ ନାହିଁ ।

୩) ସର୍ବୋପରି ଉକ୍ତ ଜମି ଉପରେ କୌଣସି ଆଦିମ ଅଧିବାସୀ ଶ୍ରେଣୀ କିମ୍ବା ପ୍ରାକ କୃଷି ସମ୍ପ୍ରଦାୟ ଲୋକଙ୍କର କୌଣସି ଦାବି ନାହିଁ ।

  
08.12.23  
Welfare Extension Officer  
Lakhanpur

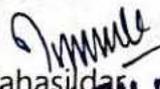
  
8.12.23  
Revenue Inspector  
Pipilimal  
BIPILIMAL

  
8.12.23  
Revenue Supervisor  
Lakhanpur  
REVENUE SUPERVISOR  
LAKHANPUR TAHSIL

  
08/12/2023  
Forest Officer  
Lakhanpur Section

  
Forest Range Officer  
Range Officer  
Belpahar Forest Range

  
Block Development Officer  
Lakhanpur

  
Tahasildar  
LAKHANPUR

  
District Welfare Officer  
Jharsuguda

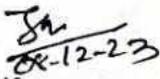
ସ୍ଥାନ :-

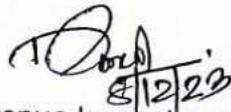
ତା :-

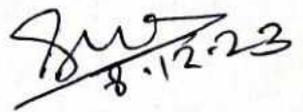
କୁଡାଲୋଇ ମୌଜା ଖାତା ନଂ ୩୫୩ ର ପ୍ଲଟ ନଂ ୧୦୨୭, ୧୦୫୯, ୧୦୬୦, ୧୦୬୧, ୧୦୮୨, ୧୦୮୧, ୧୦୬୫, ୧୦୭୫, ୧୨୧୩, ୧୦୦୮/୩୨୯୨ ରୁ ଯଥା କ୍ରମେ ଏ ୦.୦୧୨ ଟି, ଏ ୦.୩୭୭ ଟି, ଏ ୦.୦୩୭ ଟି, ଏ ୦.୨୧୦ ଟି, ଏ ୦.୪୮୪ ଟି, ଏ ୦.୩୦୯ ଟି, ଏ ୦.୪୮୯ ଟି, ଏ ୦.୨୨୭ ଟି, ଏ ୩.୮୨୫ ଟି, ଏ ୦.୨୨୩ ଟି ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ କିସମ ଜମି ଉପରେ 132 KV DC transmission line from Brajrajnagar to proposed 132/33 KV Grid sub-station Kudaloi, Lakhanpur in Jharsuguda District. ର ପ୍ରକଳ୍ପ ନିମିତ୍ତ ପ୍ରସ୍ତାବ ସଂପର୍କରେ:-

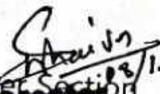
ଏତଦ୍ୱାରା ପ୍ରମାଣିତ କରାଗଲା ଯେ, କୁଡାଲୋଇ ମୌଜା ଖାତା ନଂ ୩୫୩ ର ପ୍ଲଟ ନଂ ୧୦୨୭, ୧୦୫୯, ୧୦୬୦, ୧୦୬୧, ୧୦୮୨, ୧୦୮୧, ୧୦୬୫, ୧୦୭୫, ୧୨୧୩, ୧୦୦୮/୩୨୯୨ ରୁ ଯଥା କ୍ରମେ ଏ ୦.୦୧୨ ଟି, ଏ ୦.୩୭୭ ଟି, ଏ ୦.୦୩୭ ଟି, ଏ ୦.୨୧୦ ଟି, ଏ ୦.୪୮୪ ଟି, ଏ ୦.୩୦୯ ଟି, ଏ ୦.୪୮୯ ଟି, ଏ ୦.୨୨୭ ଟି, ଏ ୩.୮୨୫ ଟି, ଏ ୦.୨୨୩ ଟି ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ କିସମ ଜମି ଉପରେ :-

- ୧) ଉକ୍ତ ପ୍ରସ୍ତାବିତ ଜମି ଉପରେ କୌଣସି ଆଦିମ ଅଧିବାସୀ ଶ୍ରେଣୀ କିମ୍ବା ପ୍ରାକ କୃଷି ସମ୍ପ୍ରଦାୟ ଲୋକ ରହୁନାହାନ୍ତି ।
- ୨) ଉକ୍ତ ପ୍ରସ୍ତାବିତ ଜମି ଉପରେ କାହାରିକୁ ପକ୍ଷା ଦିଆଯାଇ ନାହିଁ ।
- ୩) ସର୍ବୋପରି ଉକ୍ତ ଜମି ଉପରେ କୌଣସି ଆଦିମ ଅଧିବାସୀ ଶ୍ରେଣୀ କିମ୍ବା ପ୍ରାକ କୃଷି ସମ୍ପ୍ରଦାୟ ଲୋକଙ୍କର କୌଣସି ଦାବି ନାହିଁ ।

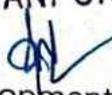
  
Welfare Extension Officer  
Lakhanpur

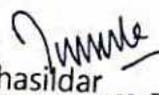
  
Revenue Inspector  
Pipilimal  
PIPILIMAL

  
Revenue Supervisor  
Lakhanpur  
REVENUE SUPERVISOR  
LAKHANPUR TAHSIL

  
Forester  
Lakhanpur Section

  
Forest Range Officer  
Range Officer  
Belpahar Forest Range

  
Block Development Officer  
Lakhanpur

  
Tahasildar  
LAKHANPUR  
LAKHANPUR

  
District Welfare Officer  
Jharsuguda



ପଞ୍ଚାୟତ ସମିତି କାର୍ଯ୍ୟାଳୟ, ଝାରସୁଗୁଡ଼ା  
PANCHAYAT SAMITI OFFICE, JHARSUGUDA  
(ST & SC Dev. Section)

134  
03.10.202

At/Po-Kallmandir Road, Jharsuguda

District:- Jharsuguda, Odisha, Pin-768202 E-mail : ori-bjharsuguda@nic.in

No. 4180

Date 30/09/2023

FRA To

The District Welfare Officer,  
Jharsuguda

Sub:

Diversion of Forest Land 13.465 Ha of forest land in Jharsuguda Distric for 132 KV DC Transmission line from Brajrajnagar to proposed 132/33KV Grid Sub-Station, Kudaloi, Lakhanpur in the district of Jharsuguda.

Ref:- Your office Letter No. 1033/ dt. 23.08.2023

Sir,

With reference to the letter no. and subject cited above, I am to submit herewith the joint inquiry report of Tahasildar, Jharsuguda, Forest Range Officer, Brajrajnagar, and Revenue Inspector, Brajrajnagar on Diversion of Forest Land 13.465 Ha of forest land in Jharsuguda Distric for 132 KV DC Transmission line from Brajrajnagar to proposed 132/33KV Grid Sub-Station, Kudaloi, Lakhanpur in the district of Jharsuguda.

This is for favour of your kind information & necessary action.

Yours faithfully

Encl :- Joint inquiry report

30.09.23  
Welfare Extension Officer  
Jharsuguda Block

**Diversion of Forest Land for Jharsuguda Tahasil Construction of 132 KV D/C Transmission line from 132/33 KV Grid substation Brajarajnagar to proposed 132/33 KV Grid substation at Kudaloi, Lakhampur**

Sl.No	Village Name	Tahasil Name	Plot No.	Khata No.	Total Area In Ac.	Acquire Area In Ha.	Acquire Area In Ac.	Kissam	Remarks	Owner Name
1	Brajarajnagar Town Unit No. 03	Jharsuguda	299	309	0.2	0.0004	0.001	Gramya Jungle		Rakhita
2	Brajarajnagar Town Unit No. 03	Jharsuguda	298	309	0.073	0.029	0.071	Gramya Jungle		Rakhita
3	Brajarajnagar Town Unit No. 03	Jharsuguda	305	309	12.970	0.808	1.997	Gramya Jungle		Rakhita
4	Brajarajnagar Town Unit No. 03	Jharsuguda	300	309	0.310	0.015	0.037	Gramya Jungle		Rakhita
5	Brajarajnagar Town Unit No. 03	Jharsuguda	505	311	8.040	0.588	1.453	Jungle		Abada Jogya Anabadi
6	Brajarajnagar Town Unit No. 03	Jharsuguda	498	309	19.440	0.440	1.086	Gramya Jungle		Rakhita
7	Brajarajnagar Town Unit No. 03	Jharsuguda	491	309	21.875	0.728	1.799	Gramya Jungle		Rakhita
8	Brajarajnagar Town Unit No. 03	Jharsuguda	490	309	21.875	0.657	1.623	Gramya Jungle		Rakhita
9	Brajarajnagar Town Unit No. 03	Jharsuguda	493	309	17.230	0.074	0.182	Gramya Jungle		Rakhita
10	Brajarajnagar Town Unit No. 03	Jharsuguda	1193	309	21.750	0.002	0.006	Gramya Jungle		Rakhita
11	Brajarajnagar Town Unit No. 03	Jharsuguda	1192	309	18.532	0.735	1.816	Gramya Jungle		Rakhita
12	Brajarajnagar Town Unit No. 03	Jharsuguda	1189	309	9.970	0.217	0.536	Gramya Jungle		Rakhita
13	Brajarajnagar Town Unit No. 03	Jharsuguda	1188	309	1.848	0.179	0.443	Gramya Jungle		Rakhita
14	Brajarajnagar Town Unit No. 03	Jharsuguda	1189	309	9.970	0.147	0.363	Gramya Jungle		Rakhita
15	Brajarajnagar Town Unit No. 03	Jharsuguda	1182	309	0.208	0.054	0.134	Gramya Jungle		Rakhita
16	Brajarajnagar Town Unit No. 03	Jharsuguda	1203	309	15.160	0.235	0.582	Gramya Jungle		Rakhita
17	Brajarajnagar Town Unit No. 03	Jharsuguda	1149	309	0.430	0.007	0.018	Bada Jungle		Rakhita
18	Brajarajnagar Town Unit No. 03	Jharsuguda	1204	309	10.190	0.034	0.083	Gramya Jungle		Rakhita
19	Brajarajnagar Town Unit No. 03	Jharsuguda	459/2677	309	2.045	0.15	0.371	Gramya Jungle		Rakhita
20	Brajarajnagar Town Unit No. 03	Jharsuguda	505/2683	309	6.330	0.153	0.378	Gramya Jungle		Rakhita
<b>Total Area :-</b>					<b>198.446</b>	<b>5.252</b>	<b>12.979</b>			<b>Rakhita</b>

ଏହାକୁ ନିମ୍ନ ସ୍ୱତନ୍ତ୍ର ଅଧିକାରୀ କି ଦେଖି ଦି ଉପରୋକ୍ତ ପ୍ରକାଶିତ ଗ୍ରାମ୍ୟ ଜଙ୍ଗଲ ନିସର୍ଗ ଜମି ଉପରେ -

କଟକ ଅଧିକାର ସାକ୍ଷର ଆଇନ ୨୦୦୭ ଅନୁର୍ଦ୍ଧିତ ସମସ୍ତ ପ୍ରକାର ଟିକ୍ସ ଓ ବନ୍ଦୋବସ୍ତ ପ୍ରକ୍ରିୟା ସଂପୂର୍ଣ୍ଣ ହୋଇଅଛି । ଉକ୍ତ ପ୍ରସ୍ତାବିତ ଜମି ମାଲିକର ରକ୍ଷାରେ କୌଣସି ପ୍ରକାର ଦାବିପତ୍ର କଟକ ଅଧିକାର ସାକ୍ଷର କରିବାର ର ବିଚାରଧିନ ନାହିଁ କିମ୍ବା କାହାରିକୁ ପଞ୍ଜା ଦିଆଯାଇ ନାହିଁ ।

ସର୍ବୋପରି ଉକ୍ତ ଜମି ଉପରେ କୌଣସି ଆଦିନ ଅଧିବାସୀ ଶ୍ରେଣୀ କିମ୍ବା ପ୍ରାକ୍ କୃତ୍ରି ସମ୍ପ୍ରଦାୟ ଲୋକଙ୍କର କୌଣସି ଦାବି ନାହିଁ ।

  
Revenue Officer,  
Braj Bihari Nagar

  
Revenue Inspector,  
Braj Bihari Nagar

Tahasildar  
Jharsuguda  
JHARSUGUDA

  
02.09.23  
Welfare Extension Officer  
Jharsuguda  
Jharsuguda

## DERIVED COORDINATES OF FOREST BOUNDARY PILLARS

SL. NO.	LONGITUDE	LATITUDE	EASTING	NORTHING	PILLAR ID	PILLAR TO PILLAR DISTANCE (IN M.)		PATCH NO.
						PILLAR NO.	DISTANCE	
1	83°54'45.22320"	21°51'05.77692"	801043.256	2419251.466	1	3-1	17.103	PATCH-1
2	83°54'45.40932"	21°51'05.39532"	801048.831	2419239.824	2	1-2	12.898	
3	83°54'45.05328"	21°51'05.24376"	801038.694	2419234.969	3	2-3	10.934	
4	83°54'44.55396"	21°51'05.03100"	801024.464	2419228.154	4	11-4	38.098	PATCH-2
5	83°54'44.12520"	21°51'05.07312"	801012.126	2419229.209	5	4-5	12.374	
6	83°54'43.88616"	21°51'05.04216"	801005.278	2419228.130	6	5-6	6.927	
7	83°54'43.33896"	21°51'05.20668"	800989.458	2419232.898	7	6-7	16.511	
8	83°54'43.20252"	21°51'05.24772"	800985.519	2419234.085	8	7-8	4.111	
9	83°54'42.59880"	21°51'04.70304"	800968.487	2419216.991	9	8-9	24.113	
10	83°54'41.67720"	21°51'03.80700"	800942.535	2419188.915	10	9-10	38.205	PATCH-3
11	83°54'43.33680"	21°51'04.51332"	800989.800	2419211.552	11	10-11	52.368	
12	83°54'38.68632"	21°51'02.53404"	800857.352	2419148.119	12	35-12	72.022	
13	83°54'38.00052"	21°51'03.20616"	800837.252	2419168.429	13	12-13	28.554	
14	83°54'34.69788"	21°51'01.78632"	800743.203	2419122.941	14	13-14	104.396	
15	83°54'29.34504"	21°50'59.44200"	800590.783	2419047.881	15	14-15	169.777	
16	83°54'20.60604"	21°50'55.95648"	800341.741	2418935.871	16	15-16	272.892	
17	83°54'11.84364"	21°50'52.75536"	800091.861	2418832.611	17	16-17	269.205	
18	83°54'03.09204"	21°50'49.61076"	799842.254	2418731.093	18	17-18	269.269	
19	83°53'57.83424"	21°50'47.62752"	799692.347	2418667.211	19	18-19	162.835	
20	83°53'50.82396"	21°50'44.86308"	799492.544	2418578.342	20	19-20	218.520	
21	83°53'47.96268"	21°50'43.65456"	799411.037	2418539.603	21	20-21	90.180	
22	83°53'47.32080"	21°50'43.38348"	799392.753	2418530.913	22	21-22	20.229	
23	83°53'38.40360"	21°50'39.62436"	799138.738	2418410.413	23	22-23	280.948	
24	83°53'37.20012"	21°50'39.11820"	799104.456	2418394.180	24	23-24	37.707	
25	83°53'37.34052"	21°50'38.21496"	799109.016	2418366.465	25	24-25	28.522	
26	83°53'47.30460"	21°50'42.41400"	799392.856	2418501.067	26	25-26	313.916	
27	83°53'50.19180"	21°50'43.63332"	799475.097	2418540.155	27	26-27	90.992	
28	83°53'50.92260"	21°50'43.94184"	799495.908	2418550.047	28	27-28	23.026	
29	83°53'57.86412"	21°50'46.68936"	799693.750	2418638.357	29	28-29	216.503	
30	83°54'03.11220"	21°50'48.67332"	799843.376	2418702.260	30	29-30	162.585	
31	83°54'11.86092"	21°50'51.82368"	800092.901	2418803.942	31	30-31	269.217	
32	83°54'20.62908"	21°50'55.02012"	800342.944	2418907.074	32	31-32	270.657	
33	83°54'20.99304"	21°50'55.15620"	800353.323	2418911.453	33	32-33	11.231	
34	83°54'29.37816"	21°50'58.48728"	800592.288	2419018.526	34	33-34	261.669	
35	83°54'36.35496"	21°51'01.54188"	800790.945	2419116.316	35	34-35	221.262	
36	83°52'37.22340"	21°50'14.38944"	797395.538	2417600.867	36	43-36	77.936	PATCH-4
37	83°52'37.21944"	21°50'14.51508"	797395.355	2417604.732	37	36-37	3.866	
38	83°52'36.89400"	21°50'14.85420"	797385.807	2417614.996	38	37-38	14.008	
39	83°52'36.53112"	21°50'15.08424"	797375.256	2417621.878	39	38-39	12.588	
40	83°52'35.51808"	21°50'14.73000"	797346.348	2417610.440	40	39-40	31.067	
41	83°52'35.37516"	21°50'14.24256"	797342.523	2417595.359	41	40-41	15.547	
42	83°52'35.17392"	21°50'13.98552"	797336.887	2417587.343	42	41-42	9.792	
43	83°52'34.68180"	21°50'13.50132"	797323.026	2417572.175	43	42-43	20.533	
44	83°52'31.82844"	21°50'12.33888"	797241.721	2417534.874	44	51-44	96.519	
45	83°52'32.02140"	21°50'12.76476"	797247.019	2417548.086	45	44-45	14.224	
46	83°52'32.40696"	21°50'13.47144"	797257.687	2417570.041	46	45-46	24.392	

  
 Dy. General Manager (Elect.)  
 EHT Construction Division  
 OPTCL, Jharsuguda

SL. NO.	LONGITUDE	LATITUDE	EASTING	NORTHING	PILLAR ID	PILLAR TO PILLAR DISTANCE (IN M.)		PATCH NO.
						PILLAR NO.	DISTANCE	
47	83°52'32.30184"	21°50'13.50672"	797254.649	2417571.068	47	46-47	3.204	PATCH-5
48	83°52'28.71156"	21°50'11.96880"	797152.381	2417521.814	48	47-48	113.432	
49	83°52'28.78788"	21°50'11.54868"	797154.809	2417508.918	49	48-49	13.113	
50	83°52'28.75368"	21°50'11.43708"	797153.889	2417505.472	50	49-50	3.564	
51	83°52'28.77240"	21°50'11.02992"	797154.669	2417492.947	51	50-51	12.540	
52	83°51'47.56572"	21°50'10.94316"	795970.787	2417468.208	52	66-52	155.675	PATCH-6
53	83°51'47.64168"	21°50'11.03784"	795972.918	2417471.165	53	52-53	3.726	
54	83°51'47.72736"	21°50'11.31612"	795975.220	2417479.778	54	53-54	8.909	
55	83°51'47.83464"	21°50'11.38056"	795978.260	2417481.812	55	54-55	3.655	
56	83°51'48.25008"	21°50'11.53464"	795990.108	2417486.779	56	55-56	12.838	
57	83°51'48.60108"	21°50'11.76540"	796000.066	2417494.073	57	56-57	12.335	
58	83°51'45.95256"	21°50'11.90940"	795923.882	2417497.081	58	57-58	76.191	
59	83°51'45.49896"	21°50'11.67756"	795910.987	2417489.711	59	58-59	14.842	
60	83°51'44.93376"	21°50'11.54400"	795894.820	2417485.297	60	59-60	16.758	
61	83°51'44.66628"	21°50'11.50296"	795887.164	2417483.889	61	60-61	7.778	
62	83°51'44.55324"	21°50'11.52852"	795883.901	2417484.619	62	61-62	3.346	
63	83°51'43.92612"	21°50'11.31792"	795866.006	2417477.799	63	62-63	18.898	
64	83°51'43.48440"	21°50'11.25096"	795853.345	2417475.507	64	63-64	12.866	
65	83°51'42.85728"	21°50'11.28192"	795835.312	2417476.121	65	64-65	17.804	
66	83°51'42.16176"	21°50'11.23620"	795815.355	2417474.339	66	65-66	20.087	
67	83°51'41.98068"	21°50'11.24592"	795810.147	2417474.544	67	72-67	212.825	PATCH-7
68	83°51'42.10164"	21°50'11.55948"	795813.445	2417484.258	68	67-68	9.928	
69	83°51'42.15420"	21°50'12.11532"	795814.636	2417501.388	69	68-69	16.723	
70	83°51'34.48044"	21°50'12.51960"	795593.923	2417509.734	70	69-70	220.487	
71	83°51'34.80624"	21°50'12.42312"	795603.345	2417506.942	71	70-71	9.836	
72	83°51'34.59384"	21°50'11.63616"	795597.693	2417482.606	72	71-72	54.690	PATCH-8
73	83°51'32.87376"	21°50'11.71536"	795548.221	2417484.123	73	79-73	68.430	
74	83°51'32.84136"	21°50'12.59484"	795546.791	2417511.179	74	73-74	26.290	
75	83°51'29.64672"	21°50'12.74172"	795454.920	2417513.995	75	74-75	91.760	
76	83°51'30.19572"	21°50'12.63084"	795470.758	2417510.871	76	75-76	85.340	
77	83°51'30.52980"	21°50'12.48108"	795480.442	2417506.437	77	76-77	10.650	
78	83°51'30.55968"	21°50'12.32232"	795481.394	2417501.576	78	77-78	4.953	
79	83°51'30.47364"	21°50'11.82552"	795479.208	2417486.238	79	78-79	15.490	
80	83°51'29.08656"	21°50'12.61788"	795138.891	2117509.881	80	75-80	16.528	
81	83°51'28.82952"	21°50'12.60096"	795431.520	2417509.220	81	80-81	7.251	
82	83°51'28.14840"	21°50'12.70788"	795411.893	2417512.152	82	81-82	19.805	PATCH-9
83	83°51'27.63000"	21°50'12.83460"	795396.928	2417515.773	83	82-83	15.936	
84	83°51'24.55200"	21°50'12.99228"	795308.403	2417518.983	84	96-84	122.195	
85	83°51'24.39396"	21°50'12.71652"	795304.017	2417510.413	85	84-85	9.711	
86	83°51'24.37704"	21°50'12.58620"	795303.603	2417506.394	86	85-86	3.987	
87	83°51'22.52808"	21°50'12.47496"	795250.552	2417501.984	87	86-87	53.253	
88	83°51'21.99384"	21°50'12.45444"	795235.206	2417501.066	88	87-88	15.580	
89	83°51'21.38220"	21°50'12.50052"	795217.607	2417502.164	89	88-89	16.830	
90	83°51'21.14064"	21°50'12.50592"	795210.664	2417502.193	90	89-90	61.661	
91	83°51'20.82168"	21°50'12.40296"	795201.567	2417498.860	91	90-91	9.084	
92	83°51'20.62908"	21°50'12.36444"	795196.052	2417497.571	92	91-92	5.750	
93	83°51'20.51100"	21°50'12.36192"	795192.657	2417497.429	93	92-93	3.408	

  
 Dy. General Manager (L.S.T.)  
 EHT Construction Division  
 OPTCL, Jharsuguda

SL. NO.	LONGITUDE	LATITUDE	EASTING	NORTHING	PILLAR ID	PILLAR TO PILLAR DISTANCE (IN M.)		PATCH NO.
						PILLAR NO.	DISTANCE	
94	83°51'20.35944"	21°50'12.38244"	795188.289	2417497.981	94	93-94	4.464	PATCH-10
95	83°51'20.27700"	21°50'12.43644"	795185.895	2417499.598	95	94-95	2.829	
96	83°51'20.30616"	21°50'13.21800"	795186.285	2417523.660	96	95-96	24.065	
97	83°50'23.29836"	21°50'07.62756"	793551.573	2417321.329	97	105-97	45.771	
98	83°50'22.73460"	21°50'08.16000"	793535.076	2417337.407	98	97-98	23.063	
99	83°50'22.85448"	21°50'08.33964"	793538.419	2417343.006	99	98-99	6.677	
100	83°50'22.79004"	21°50'08.39220"	793536.533	2417344.587	100	99-100	3.555	
101	83°50'21.58656"	21°50'07.27944"	793502.584	2417309.709	101	100-101	48.674	
102	83°50'15.57528"	21°50'04.10532"	793331.681	2417208.837	102	101-102	198.407	
103	83°50'15.42732"	21°50'03.36444"	793327.848	2417185.966	103	102-103	23.328	
104	83°50'15.54000"	21°50'03.07860"	793331.242	2417177.226	104	103-104	9.653	
105	83°50'22.16760"	21°50'06.58536"	793519.678	2417288.658	105	104-105	218.655	
106	83°50'13.40772"	21°50'01.95252"	793270.620	2417141.445	106	126-106	17.409	
107	83°50'12.80940"	21°50'02.27544"	793253.253	2417151.065	107	106-107	19.799	
108	83°50'12.31656"	21°50'02.38416"	793239.029	2417154.152	108	107-108	14.555	
109	83°50'10.24584"	21°49'58.41084"	793181.783	2417030.785	109	108-109	136.619	
110	83°50'08.19384"	21°49'54.22872"	793125.198	2416901.002	110	109-110	141.670	
111	83°50'06.43452"	21°49'50.86596"	793076.553	2416796.589	111	110-111	115.112	
112	83°50'04.38396"	21°49'46.95492"	793019.852	2416675.154	112	111-112	134.023	
113	83°50'02.33340"	21°49'43.04424"	792963.151	2416553.719	113	112-113	134.084	
114	83°50'01.19868"	21°49'40.87992"	792931.774	2416486.522	114	113-114	111.856	
115	83°49'59.34504"	21°49'37.34472"	792880.520	2416376.756	115	114-115	121.510	
116	83°49'57.49140"	21°49'33.80988"	792829.264	2416266.990	116	115-116	121.573	
117	83°49'57.77940"	21°49'33.89196"	792837.490	2416269.673	117	116-117	9.001	
118	83°49'58.59120"	21°49'33.91212"	792860.807	2416270.724	118	117-118	23.427	
119	83°50'00.19356"	21°49'36.96780"	792905.111	2416365.605	119	118-119	104.385	
120	83°50'02.17392"	21°49'10.71192"	792959.872	2116182.881	120	119-120	129.530	
121	83°50'03.40656"	21°49'43.09572"	792993.954	2416555.871	121	120-121	80.320	
122	83°50'05.22924"	21°49'46.57188"	793044.354	2416663.812	122	121-122	119.480	
123	83°50'07.25172"	21°49'50.43000"	793100.286	2416783.602	123	122-123	132.520	
124	83°50'09.11652"	21°49'54.00336"	793151.841	2416894.554	124	123-124	122.540	
125	83°50'10.96764"	21°49'57.77616"	793202.887	2417011.630	125	124-125	127.700	
126	83°50'12.88032"	21°50'01.67388"	793255.627	2417132.596	126	125-126	132.084	
127	83°49'58.40580"	21°49'33.55824"	792855.676	2416259.736	127	133-127	39.658	
128	83°49'58.13508"	21°49'33.57516"	792847.884	2416260.108	128	127-128	7.300	
129	83°49'57.67680"	21°49'33.48084"	792834.769	2416256.966	129	128-129	13.480	
130	83°49'57.17856"	21°49'33.21264"	792820.606	2416248.447	130	129-130	16.527	
131	83°49'57.03240"	21°49'32.93436"	792816.571	2416239.806	131	130-131	10.044	
132	83°49'57.29556"	21°49'32.89404"	792824.149	2416238.708	132	131-132	7.866	
133	83°49'57.79740"	21°49'32.39796"	792838.853	2416223.709	133	132-133	21.190	
134	83°49'42.52944"	21°49'03.27792"	792416.614	2415319.542	134	142-134	123.270	
135	83°40'42.42180"	21°49'03.20052"	702413.520	2415319.872	135	134-135	3.130	
136	83°49'42.28824"	21°49'03.56124"	792409.527	2415328.131	136	135-136	9.300	
137	83°49'42.07584"	21°49'03.67104"	792403.361	2415331.393	137	136-137	6.975	
138	83°49'42.17880"	21°49'04.22940"	792405.999	2415348.634	138	137-138	17.441	
139	83°49'42.00456"	21°49'04.27188"	792400.967	2415349.845	139	138-139	5.176	
140	83°49'40.04328"	21°49'00.53112"	792346.726	2415233.703	140	139-140	128.113	

  
 Dy. General Manager (Elect.)  
 EHT Construction Division  
 OPTCL, Jharsuguda

SL. NO.	LONGITUDE	LATITUDE	EASTING	NORTHING	PILLAR ID	PILLAR TO PILLAR DISTANCE (IN M.)		PATCH NO.
						PILLAR NO.	DISTANCE	
141	83°49'40.38456"	21°49'00.12252"	792356.771	2415221.312	141	140-141	15.956	PATCH-14
142	83°49'40.63512"	21°48'59.66532"	792364.225	2415207.366	142	141-142	16.071	
143	83°49'25.79412"	21°48'36.81576"	791950.665	2414496.403	143	148-143	74.788	
144	83°49'25.17060"	21°48'36.83448"	791932.737	2414496.656	144	143-144	17.927	
145	83°49'24.71808"	21°48'36.86040"	791919.716	2414497.215	145	144-145	12.448	
146	83°49'24.41532"	21°48'35.49312"	791911.783	2414454.978	146	145-146	43.065	
147	83°49'23.86524"	21°48'35.40060"	791896.032	2414451.842	147	146-147	15.688	
148	83°49'24.42360"	21°48'34.75548"	791912.441	2414432.288	148	147-148	26.236	
149	83°49'23.85516"	21°48'33.90120"	791896.588	2414405.697	149	151-149	11.462	PATCH-15
150	83°49'23.56500"	21°48'33.86808"	791888.268	2414404.522	150	149-150	8.402	
151	83°49'23.64420"	21°48'33.58404"	791890.705	2414395.829	151	150-151	9.028	PATCH-16
152	83°49'12.81900"	21°48'17.18748"	791588.860	2413885.567	152	163-152	218.112	
153	83°49'12.42552"	21°48'16.95312"	791577.692	2413878.141	153	152-153	13.411	
154	83°49'12.48348"	21°48'16.72560"	791579.485	2413871.175	154	153-154	7.193	
155	83°49'11.87184"	21°48'16.64640"	791561.954	2413868.414	155	154-155	17.740	
156	83°49'11.32824"	21°48'16.60932"	791546.349	2413866.995	156	155-156	15.741	
157	83°49'08.09256"	21°48'11.83068"	791456.057	2413718.240	157	156-157	174.012	
158	83°49'06.27204"	21°48'09.08676"	791405.283	2413632.844	158	157-158	99.526	
159	83°49'04.23444"	21°48'05.79492"	791348.584	2413530.471	159	158-159	117.193	
160	83°49'04.45368"	21°48'05.03064"	791355.313	2413507.074	160	159-160	24.341	
161	83°49'04.60992"	21°48'04.64832"	791360.017	2413495.388	161	160-161	12.590	PATCH-17
162	83°49'06.21156"	21°48'07.23600"	791404.586	2413575.860	162	161-162	91.906	
163	83°49'08.77080"	21°48'11.19060"	791475.903	2413698.901	163	162-163	142.425	
164	83°49'03.92448"	21°48'03.54060"	791340.938	2413460.941	164	174-164	360.129	
165	83°49'03.66240"	21°48'03.69108"	791333.320	2413465.432	165	164-165	8.742	
166	83°49'03.61092"	21°48'03.76992"	791331.799	2413467.830	166	165-166	2.859	
167	83°49'03.55944"	21°48'04.08168"	791330.147	2413477.398	167	166-167	9.709	
168	83°49'03.52524"	21°48'04.19112"	791329.100	2413480.754	168	167-168	3.515	
169	83°49'03.37764"	21°48'04.41000"	791324.734	2413487.410	169	168-169	7.960	
170	83°48'59.99508"	21°47'59.16192"	791230.475	2413324.137	170	169-170	188.521	
171	83°48'56.51964"	21°47'54.05064"	791133.473	2413165.027	171	170-171	186.349	
172	83°48'52.71840"	21°47'48.10668"	791027.575	2412980.123	172	171-172	213.207	
173	83°48'53.71920"	21°47'47.96124"	791056.423	2412976.165	173	172-173	29.219	
174	83°48'57.31596"	21°47'53.58552"	791156.623	2413151.131	174	173-174	201.861	

  
 Dy. General Manager (Elect.)  
 ERTC Construction Division  
 OPTCL, Harsuguda



ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଃ.  
ODISHA POWER TRANSMISSION CORPORATION LIMITED

(A Government of Odisha Undertaking)

E.H.T. (C) DIVISION, JHARSUGUDA

AT-Budhipadar, PO: H.Katapali, Dist-Jharsuguda-768202

E-mail: [ehhc.div.isg@optcl.co.in](mailto:ehhc.div.isg@optcl.co.in)

**Annexure - 11**

**Undertaking for the Stipulated Conditions No (2-B-i) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that the legal status of the forest land proposed for diversion shall remain unchanged.

(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଠ.**  
**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

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E.H.T. (C) DIVISION, JHARSUGUDA

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**Annexure - 12**

**Undertaking for the Stipulated Conditions No (2-B-iii) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India.

(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଡ.**  
**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

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E.H.T. (C) DIVISION, JHARSUGUDA

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**Annexure - 13**

**Undertaking for the Stipulated Conditions No (2-B-iv) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that the base of towers in forest area to be fenced with barbed wire to avoid elephant electrocution/death of wild animals especially in forest areas. The concerned DFO shall inspect the area and shall take a decision as to the specific towers which shall be along with the leg of the towers.

(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଡି.**  
**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

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E.H.T. (C) DIVISION, JHARSUGUDA

AT-Budhipadar, PO: H.Katapali, Dist-Jharsuguda-768202

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**Annexure - 14**

**Undertaking for the Stipulated Conditions No (2-B-v) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that in hilly slope areas sufficient ground clearance will be maintained with additional height of towers in consideration of the leg and swing of lines and height of elephants to stop untoward incidence of electrocution as per existing guidelines of MOEF&CC dated 05.05.2014 and 19.11.2014.

(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଠ.**  
**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

(A Government of Odisha Undertaking)

E.H.T. (C) DIVISION, JHARSUGUDA

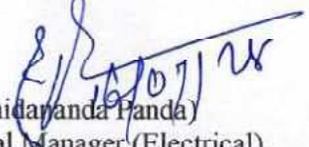
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**Annexure - 15**

**Undertaking for the Stipulated Conditions No (2-B-vii) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that joint patrolling shall be carried out by Forest Department & Electricity Department to detect sagging of the electric line periodically. if any sagging of electric line detected by the Joint Patrolling team (Forest Department & Electricity Department) the same shall be rectified at the earliest.

  
(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଠ.**  
**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

(A Government of Odisha Undertaking)

E.H.T. (C) DIVISION, JHARSUGUDA

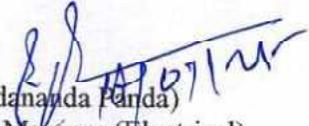
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**Annexure - 16**

**Undertaking for the Stipulated Conditions No (2-B-viii) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that monthly co-ordination meeting shall be conducted with the concerned DFO.

  
(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଃ.  
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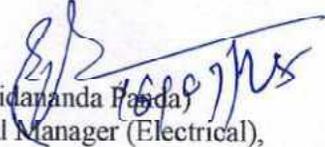
AT-Budhipadar, PO: H.Katapali, Dist-Jharsuguda-768202

E-mail: [ehct.div.jsq@optcl.co.in](mailto:ehct.div.jsq@optcl.co.in)

**Annexure - 17**

**Undertaking for the Stipulated Conditions No (2-B-ix) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that at the project cost bird deflectors shall be provided, which are to be fixed on upper conductor of transmission line at suitable intervals to avoid bird hits.

  
(Sachidananda Panda)  
Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଃ.  
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E-mail: [ehhc.div.jsq@optcl.co.in](mailto:ehhc.div.jsq@optcl.co.in)

**Annexure - 18**

**Undertaking for the Stipulated Conditions No (2-B-x) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that OPTCL shall explore the possibility of successful transplantation of maximum number of trees identified to be felled and shall be planted alongside the road and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department.

(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଡ.**  
**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

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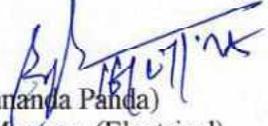
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E-mail: [ehhc.div.jsg@optcl.co.in](mailto:ehhc.div.jsg@optcl.co.in)

**Annexure - 19**

**Undertaking for the Stipulated Conditions No (2-B-xi) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that OPTCL shall comply with the guidelines for laying transmission lines through forest area issued by ministry vide letter no.7-25/2012-FC dated 05.05.2014 and 19.11.2014.

  
(Sachidananda Panda)  
Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory  
Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



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E-mail: [ehhc.div.jsg@optcl.co.in](mailto:ehhc.div.jsg@optcl.co.in)

**Annexure - 20**

**Undertaking for the Stipulated Conditions No (2-B-xiii) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that No labor camps shall be established on the forest land and OPTCL shall provide fuels preferably alternative fuels to the laborers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas.

(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଃ.**  
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**Annexure - 21**

**Undertaking for the Stipulated Conditions No (2-B-xiv) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that No additional path or new path shall be constructed inside the forest area for any activity related to the project work.

(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



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**Annexure - 22**

**Undertaking for the Stipulated Conditions No (2-B-xv) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that OPTCL shall not fell any tree or damage forest growth in the surrounding forest area in any manner while executing its project work.

(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



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**Annexure - 23**

**Undertaking for the Stipulated Conditions No (2-B-xvi) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that the layout plan of the proposed forest land shall not be changed without the prior approval of Ministry of Environment, Forest & Climate Change.

(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



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**Annexure - 24**

**Undertaking for the Stipulated Conditions No (2-B-xvii) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that the forest land shall not be used for any purpose other than that specified in the present forest diversion proposal.

  
(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



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**Annexure - 25**

**Undertaking for the Stipulated Conditions No (2-B-xviii) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that the forest land proposed to be diverted shall under no circumstances be transferred to any other used agency, department or person without prior approval of Ministry of Environment, Forest & Climate Change.

(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଠ.**  
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E-mail: [ehhc.div.jsg@optcl.co.in](mailto:ehhc.div.jsg@optcl.co.in)

**Annexure - 26**

**Undertaking for the Stipulated Conditions No (2-B-xix) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that while executing its project, OPTCL shall not do damage to the flora and fauna of the adjoining area.

(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଃ.**  
**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

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E-mail: [ehhc.div.jsq@optcl.co.in](mailto:ehhc.div.jsq@optcl.co.in)

**Annexure - 27**

**Undertaking for the Stipulated Conditions No (2-B-xx) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that OPTCL shall co-operate with Divisional Forest Officer, Jharsuguda Forest Division as and when required to abide the condition.

(Sachidananda Panda)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଠ.  
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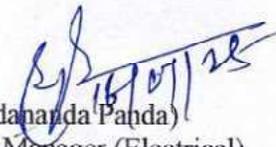
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**Annexure - 28**

**Undertaking for the Stipulated Conditions No (2-B-xxi) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that OPTCL shall submit annual self-monitoring report on compliance of stipulated conditions to the Nodal Officer (FCA) of the state and concerned Integrated Regional Office of MoEF & CC at the end of March every year.

  
(Sachidananda Panda)  
Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଃ.**  
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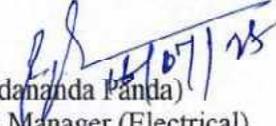
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E-mail: [ehhc.div.isg@optcl.co.in](mailto:ehhc.div.isg@optcl.co.in)

**Annexure - 29**

**Undertaking for the Stipulated Conditions No (2-B-xxii) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that OPTCL shall comply any other conditions that the Ministry of Environment, Forests & Climate Change may impose from time to time in the interest of afforestation, conservation and management of flora and fauna in the area.

  
(Sachidananda Panda)  
Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory  
Dy. General Manager (Elect.)  
EHT Construction Division,  
OPTCL, Jharsuguda



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**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

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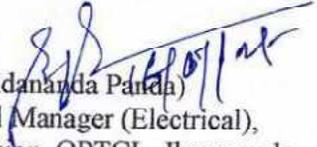
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E-mail: [ehhc.div.jsq@optcl.co.in](mailto:ehhc.div.jsq@optcl.co.in)

**Annexure - 30**

**Undertaking for the Stipulated Conditions No (2-B-xxiii) of Stage-I Forest Clearance.**

I Sri Sachidananda Panda, Deputy General Manager (Electrical), EHT Construction Division, OPTCL Jharsuguda and Authorized Signatory do hereby undertake that OPTCL shall comply to provisions of the all Acts, Rules, Regulations, Guidelines, NGT order (s) and Hon'ble court order (s) pertaining to this project, if any, for the time being in forced, as applicable to the project.

  
(Sachidananda Panda)  
Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

Dy. General Manager (Elect.)  
EHT Construction Division  
OPTCL, Jharsuguda

**LIST OF PROJECTS OR ACTIVITIES REQUIRING PRIOR ENVIRONMENTAL CLEARANCE**

Project or Activity		Category with threshold limit		Conditions if any
		A	B	
(1)	(2)	(3)	(4)	(5)
<b>1.</b>	<b>Mining, extraction of natural resources and power generation (for a specified production capacity)</b>			
<b>1(a)</b>	<p>(i) Mining of minerals</p> <p>(ii) Slurry pipelines (coal lignite and other ores) passing through national parks or sanctuaries or coral reefs, ecologically sensitive areas.</p>	<p>&gt;100 ha. of mining lease area in respect of non-coal mine lease.</p> <p>&gt;150 ha. of mining lease area in respect of coal mine lease.</p> <p>Asbestos mining irrespective of mining area.</p> <p>All projects</p>	<p>=&lt;100 ha of mining lease in respect of non-coal mine lease.</p> <p>≤ 150 ha of mining lease area in respect of coal mine lease.</p>	<p>General Conditions shall apply except:</p> <p>(i) for project or activity of mining of minor minerals of Category 'B2' (up to 25 ha of mining lease area);</p> <p>(ii) for project or activity of mining of minor minerals of Category 'B1' in case of cluster of mining lease area; and</p> <p>(iii) River bed mining projects on account of inter-state boundary.</p> <p>Note:</p> <p>(1) Mineral prospecting is exempted;</p> <p>(2) The prescribed procedure for environmental clearance for mining of minor minerals including cluster situation is given in Appendix XI.</p>
<b>1(b)</b>	Offshore and onshore oil and gas exploration, development & production	All projects		<p><u>Note</u></p> <p>Seismic surveys which are part of Exploration Surveys are exempted provided the concession areas have got previous clearance for physical survey</p>
<b>1(c)</b>	(i) River Valley projects	(i) ≥50 MW hydroelectric power	(i) ≥ 25 MW and < 50 MW hydroelectric power	<p>General Condition shall apply.</p> <p>Note: -</p> <p>(i) Category 'B' river valley projects</p>

	(ii) Irrigation Projects	generation; (ii) $\geq 50,000$ ha. of culturable command area	generation; (ii) $> 2000$ ha. and $< 50,000$ ha. of culturable command area.	falling in more than one state shall be appraised at the central Government Level. (ii) Change in irrigation technology having environmental benefits (e.g., From flood irrigation to Drip irrigation etc.) by an existing project, leading to increase in Culturable Command Area but without increase in dam height and submergence, will not require amendment/revision of EC.								
			<table border="1"> <thead> <tr> <th>Irrigation system</th> <th>Requirement of EC</th> </tr> </thead> <tbody> <tr> <td>(a) Minor Irrigation system (<math>\leq 2000</math> Ha)</td> <td>Exempted</td> </tr> <tr> <td>(b) Medium irrigation system (<math>&gt; 2000</math> and <math>&lt; 10,000</math> ha.)</td> <td>Required to prepare and to be dealt at State Level category).</td> </tr> <tr> <td>(c) Major irrigation system (<math>\geq 10,000</math> to <math>&lt; 50,000</math> ha.)</td> <td>Required to prepare EIA/EMP and to be at State Level category).</td> </tr> </tbody> </table>	Irrigation system	Requirement of EC	(a) Minor Irrigation system ( $\leq 2000$ Ha)	Exempted	(b) Medium irrigation system ( $> 2000$ and $< 10,000$ ha.)	Required to prepare and to be dealt at State Level category).	(c) Major irrigation system ( $\geq 10,000$ to $< 50,000$ ha.)	Required to prepare EIA/EMP and to be at State Level category).	
Irrigation system	Requirement of EC											
(a) Minor Irrigation system ( $\leq 2000$ Ha)	Exempted											
(b) Medium irrigation system ( $> 2000$ and $< 10,000$ ha.)	Required to prepare and to be dealt at State Level category).											
(c) Major irrigation system ( $\geq 10,000$ to $< 50,000$ ha.)	Required to prepare EIA/EMP and to be at State Level category).											
1(d)	Thermal Power Plants	$\geq 500$ MW (coal/lignite/naphtha & gas based);  $\geq 50$ MW (all other fuels except biomass).  $\geq 20$ MW (using municipal solid non-hazardous waste, as fuel).	$\geq 50$ MW to $< 500$ MW (coal/lignite/ naphtha & gas based);  $< 50$ MW and $\geq 5$ MW (all other fuels except biomass and municipal solid non-hazardous waste).  $< 20$ MW $> 15$ MW (using municipal solid non-hazardous waste, as fuel).  $\geq 15$ MW plants based on biomass fuel.	General Condition shall apply  <b>Note:</b> (ii) Thermal Power plants up to 15 MW based on biomass or nonhazardous municipal solid waste using auxiliary fuel such as coal, lignite / petroleum products up to 15% are exempt.  (ii) Thermal power plants using waste heat boilers without any auxiliary fuel are exempt.”;								
1(e)	Nuclear power	All projects										

	projects and processing of nuclear fuel.			
<b>2</b>	<b>Primary Processing</b>			
<b>2(a)</b>	Coal washery	≥ 1 million ton/annum throughput of coal	<1million ton/annum throughput of coal	General Condition shall apply  (If located within mining area the proposal shall be appraised together with the mining proposal)
<b>2 (b)</b>	Mineral beneficiation	≥ 0.5 million Ton/Annum (TPA) throughput	< 0.5 million ton/annum (TPA) mineral throughput	General Condition shall apply  (Mining proposal with Mineral beneficiation shall be appraised together for grant of clearance)
<b>3</b>	<b>Materials Production</b>			

3(a)	Metallurgical industries (ferrous & nonferrous)	<p>a) Primary metallurgical industry</p> <p>All projects</p> <p>b) Sponge iron manufacturing <math>\geq 200</math>TPD</p> <p>c) Secondary metallurgical processing industry</p> <p>All toxic and heavy metal producing units <math>\geq 20,000</math> tonnes /annum</p>	<p>Sponge iron manufacturing &lt;200TPD</p> <p>Secondary metallurgical processing industry</p> <p>i.) All toxic and heavy metal producing units &lt;20,000 tonnes /annum</p> <p>ii.) All other non-toxic secondary metallurgical processing industries &gt;5000 tonnes/annum</p>	<p>General Condition shall apply for Sponge iron manufacturing.</p> <p><b>Note:</b></p> <p>(i) The recycling industrial units registered under the HSM Rules, are exempted.</p> <p>(ii) In case of secondary metallurgical processing industrial units, those projects involving operation of furnaces only such as induction and electric arc furnace, submerged arc furnace, and cupola with capacity more than 30,000 tonnes per annum (TPA) would require environmental clearance.</p> <p>(iii) Plant/ units other than power plants (given against entry no. 1(d) of the schedule), based on municipal solid waste (non-hazardous) are exempted.</p>
3(b)	Cement plants	$\geq 1.0$ million tonnes/annum production capacity	<1.0 million tonnes/annum production capacity. All Stand-alone grinding units.	<p>General Condition shall apply</p> <p><b>Note:</b></p> <p>1. Fuel for cement industry maybe coal, pet coke, mixture of coal and pet coke and co-processing of waste provided it meets the emission standards.</p> <p>2. The manufacturing of composite cement by plants having environmental clearance for manufacturing Ordinary Portland Cement (OPC), Portland Pozzolana Cement (PPC) and Portland Slag Cement (PSC) shall be exempt provided the production is within sanctioned capacity.</p>

<b>4</b>	<b>Materials Processing</b>			
<b>4(a)</b>	Petroleum refining industry	All projects	-	-
<b>4(b)</b>	(i) Coke oven plants  (ii) Coal tar Processing units	≥2,50,000 tonnes/annum -	<2,50,000 and ≥25,000 tonnes/annum All projects	General conditions shall apply.
<b>4(c)</b>	Asbestos milling and asbestos based products	All projects	-	-
<b>4(d)</b>	Chlor-alkali industry	≥300 TPD production capacity & a unit located outside the notified industrial area/estate	≥300 TPD production capacity if a unit located outside the notified industrial area/estate.	General as well as specific Condition shall apply.  No new Mercury Cell based plants will be permitted and existing units converting to membrane cell technology are exempt from the Notification.
<b>4(e)</b>	Soda ash Industry	All projects	-	-
<b>4(f)</b>	Skin/hide processing including tanning industry.	New projects outside the industrial area or expansion of existing units outside the industrial area	All new or expansion of projects located within a notified industrial area/estate	General as well as specific Condition shall apply.
<b>5</b>	<b>Manufacturing/Fabrication</b>			

<b>5(a)</b>	Chemical fertilizers	All projects including all single super phosphate with H <sub>2</sub> SO <sub>4</sub> production except granulation of chemical fertilizers.	All Single Super Phosphate without H <sub>2</sub> SO <sub>4</sub> production and granulation of chemical fertilizers.	General conditions shall apply.  1. Granulation of single super phosphate powder is exempt. 2. Neem coating of fertilizers is exempt provided that the total production does not exceed the sanctioned capacity in EC plus the weight of the coating material used. 3. Fortification of fertilizers is exempt provided that the total production does not exceed the sanctioned capacity in EC plus the weight of the fortification material used.
<b>5(b)</b>	Pesticides industry and pesticide specific intermediates (excluding formulations)	All units producing technical grade pesticides	-	-
<b>5(c)</b>	Petro-chemical complexes (industries based on processing of petroleum fractions & natural gas and/or reforming to aromatics)	All projects -	-	-
<b>5(d)</b>	Manmade fibers manufacturing	Rayon	Others	General Condition shall apply
<b>5(e)</b>	Petroleum products and petrochemical based processing such as production of carbon black and electrode grade graphite	Located outside the notified industrial area/ estate -	Located in a notified industrial area/ estate	General as well as specific condition shall apply.  Note: - Manufacturing of products from polymer granules is exempt.

	(processes other than cracking & reformation and not covered under the complexes).			
<b>5(f)</b>	Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)	Located outside the notified industrial area/estate except small units as defined in column (5).	(i) Located in a notified industrial area/estate.  (ii) Small units as defined in column (5).	General as well as specific condition shall apply.  Small units: with water consumption <25m <sup>3</sup> /day, fuel consumption <25TPD and not covered in the category of MAH units as per the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989.
<b>5(g)</b>	Distilleries	(i) All Molasses based distilleries  (ii) Non - molasses based distilleries ≥60 KLD	Non-molasses-based distilleries – <60 KLD	General Condition shall apply. Note: Expansion of sugar manufacturing units or distilleries, having Prior Environment Clearance and for production of ethanol, to be used as fuel for blending only as certified by the competent authority, shall be appraised as Category „B2” projects.
<b>5(h)</b>	Integrated paint industry	-	All projects	General Condition shall apply
<b>5(i)</b>	Pulp & paper industry	Pulp manufacturing and Pulp & Paper manufacturing industry except from waste paper. -	Paper manufacturing from waste paper and paper manufacturing from waste paper pulp and other ready pulp.	General Condition shall apply. Note: Paper manufacturing from waste paper pulp and ready pulp without deinking, bleaching and colouring is exempt.
<b>5(j)</b>	Sugar Industry	- -	≥ 5000 tcd cane crushing capacity	General Condition shall apply

<b>6</b>	<b>Service Sectors</b>			
<b>6(a)</b>	Oil & gas transportation pipe line (crude and refinery/ petrochemical products), passing through national parks /sanctuaries/coral reefs /ecologically sensitive areas including LNG Terminal.	All projects -		-
<b>6(b)</b>	Isolated storage & handling of hazardous chemicals (As per threshold planning quantity indicated in column 3 of schedule 2 & 3 of MSIHC Rules 1989 amended 2000)	-	All projects	General Condition shall apply
<b>7</b>	<b>Physical Infrastructure including Environmental Services</b>			
<b>7(a)</b>	Air ports	All projects	All projects including airstrips, which are for commercial use.	<b>Note:</b> Air strips, which do not involve bunkering/ refueling facility and or Air Traffic Control, are exempted.
<b>7(b)</b>	All ship breaking yards including ship breaking units	All projects	-	-
<b>7(c)</b>	Industrial estates/ parks/ complexes/ areas, export processing	If at least one industry in the proposed industrial estate falls under the Category A, entire industrial area shall be treated as Category A,	-Industrial estates housing at least one Category B industry and area	General as well as special condition shall apply <b>Note:</b> 1. Industrial Estate of area below

	Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes.	irrespective of the area.  Industrial estates with area greater than 500 ha. and housing at least one Category B industry.	<500 ha.  Industrial estates of area > 500 ha. and not housing any industry belonging to Category A or B.	500 ha. and not housing any industry of category 'A' or 'B' does not require clearance. 2. If the area is less than 500 ha. but contains building and construction projects > 20,000 sq. mtr. and or development area more than 50 ha it will be treated as activity listed at serial no. 8 (a) or 8(b) in the schedule, as the case may be.
7(d)	Common hazardous waste treatment, storage and disposal facilities (TSDFs)	All integrated facilities having incineration & landfill or incineration alone	All facilities having land fill only	General Condition shall apply
7(d a)	Bio-Medical Waste Treatment Facilities	--	All projects	--
7(e)	Ports, Harbours	Ports, harbours, break waters, dredging.	< 5 million TPA of cargo handling capacity and/or ports/ harbours ≥10,000 TPA of fish handling capacity	General Condition shall apply <b>Note:</b> 1.Capital dredging inside and outside the ports or harbors and channels are included. 2. Maintenance dredging is exempt provided it formed part of the original proposal for which Environmental Management Plan (EMP) was prepared and environmental clearance obtained.
7(f)	Highways	i) New National High ways; and  ii) Expansion of National Highways greater than 100 km, involving additional right	(i) All new State Highway Projects.  (ii) State Highway expansion projects in hilly	General Condition shall apply <b>Note:</b> Highways include expressways.

		of way or land acquisition greater than 40m on existing alignment and 60m on re-alignment or by-passes.	terrain (above 1,000 m AMSL) and or ecologically sensitive areas.	
7(g)	Aerial ropeways	(i) All projects located at altitude of 1,000 mtr. and above. (ii) All projects located in notified ecologically sensitive area.	All projects except those covered in column (3)	General Condition shall apply
7(h)	Common Effluent Treatment Plants (CETPs)		All projects	General Condition shall apply <b>Note:</b> Environmental clearance for CETPs setup for or within projects or activities which do not require environmental clearance are exempted, and if any of the existing or proposed member units of the said CETP produces or proposes to produce any product requiring environmental clearance, then the CETP shall need environmental clearance
7(i)	Common Municipal Solid Waste Management Facility (CMSWMF)		All projects	General Condition shall apply
8	<b>Building or Construction projects or Area Development projects and Townships</b>			

8(a)	Building and Construction projects		≥20000 sq. mtrs and <1,50,000 sq. mtrs. of built-up area	<p>Note 1. The term “built up area” for the purpose of this notification is the built up or covered area on all floors put together including its basement and other service areas, which are proposed in the buildings and construction projects.</p> <p>Note 2. The projects or activities shall not include industrial shed, hospitals and hostels for educational institutions</p> <p>Note 3.-General Condition shall not apply.</p>
8(b)	Townships and Area Development projects.		≥1,50,000 sq. mtrs and or covering an area >= 50 ha	<p>A project of Township and Area Development Projects covered under this item shall require an Environmental Assessment Report and be appraised as ‘B1’ Project.</p> <p>Note. - General Condition shall not apply.</p>

**Note: -**

**General Condition (GC):**

Any project or activity specified in Category ‘B’ will be appraised at the central level as Category ‘A’, if located in whole or in part within 5 km from the boundary of : (i) Protected areas notified under the Wildlife (Protection) Act, 1972 (53 of 1972); (ii) Critically polluted areas as identified by the Central Pollution Control Board constituted under the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) from time to time; (iii) Eco-sensitive areas as notified under sub-section (2) of section 3 of the Environment (Protection) Act, 1986, and (iv) inter-State boundaries and international boundaries; provided that for River Valley Projects specified in item 1(c), Thermal Power Plants specified in item 1 (d), Industrial estates/parks/complexes/areas, export processing zones (EPZs), Special Economic Zones (SEZs), biotech parks, leather complexes specified in item 7(c) and common hazardous waste treatment, storage and disposal facilities (TSDFs) specified in item 7(d), the appraisal shall be made a Central level even if located within 10 km.

Provided further that the requirement regarding distance of 5 km or 10 km, as the case may be, of the inter-State boundaries can be reduced or completely done away with by an agreement between the respective States or the Union Territories (UTs) sharing the common boundary in case the activity does not fall within 5 km or 10 km, as the case may be of the areas mentioned at item (i), (ii) and (iii) above.

**Specific Condition (SC):**

If any Industrial Estate/Complex / Export processing Zones /Special Economic Zones/Biotech Parks / Leather Complex with homogeneous type of industries such as Items 4(d), 4(f), 5(e), 5(f), or those Industrial estates with pre –defined set of activities (not necessarily homogeneous, obtains prior environmental clearance, individual industries including proposed industrial housing within such estates /complexes will not be required to take prior environmental clearance, so long as the Terms and Conditions for the industrial estate/complex are complied with (Such estates/complexes must have a clearly identified management with the legal responsibility of ensuring adherence to the Terms and Conditions of prior environmental clearance, who may be held responsible for violation of the same throughout the life of the complex/estate).



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଡ.**  
**ODISHA POWER TRANSMISSION CORPORATION LIMITED**

(A Government of Odisha Undertaking)

E.H.T. (C) DIVISION, JHARSUGUDA

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**Undertaking for the Stipulated Condition No. 3 of Stage-1 order No. 5-ORC546/2023-BHU Dated 03.02.2023**

I Sri Srimant Kumar Patel, Deputy General Manager (Electrical), EHT Construction Division, OPTCL, Jharsuguda and Authorised Signatory do here by undertake that "Violation of any of the conditions stipulated in Stage-I under will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in Para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 issued by this Ministry letter No. 5-2/2017-FC dated 28.03.2019.

*Patel*  
*19/11/25*

(Srimant Kumar Patel)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

**Dy. General Manager (Elect.)**  
**E.H.T. Construction Division**  
**OPTCL, Jharsuguda**



**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲି.ଠ.**  
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**Undertaking for the Stipulated Condition No. B (Xii) of Stage-1 order No. 5-ORC546/2023-BHU Dated 03.02.2023**

The Environmental clearance is not required to this project of OPTCL as per the provision of the Environmental (Protection) Act 1980. Further I Sri Srimant Kumar Patel, Deputy General Manager (Electrical) EHT Construction Division, OPTCL, Jharsuguda and Authorised Signatory do here by undertake that, if the Environmental Clearance is required in future the same shall be obtained as per the provision of the Environmental (Protection) Act 1980.

(Srimant Kumar Patel)

Dy. General Manager (Electrical),  
EHT (C) Division, OPTCL, Jharsuguda  
Authorized Signatory

**Dy. General Manager (Elect.)**  
**E.H.T. Construction Division**  
**OPTCL, Jharsuguda**