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**GOVERNMENT OF TELANGANA
FOREST DEPARTMENT**

From:
Sri R.M.Dobriyal, I.F.S.,
Prl. Chief Conservator of Forests
(Head of Forest Force)(FAC)
Aranya Bhavan, Saifabad,
Telangana, Hyderabad.

To
The Spl. Chief Secretary to Government,
Forests Department
Telangana State, Hyderabad

Ref.No.12482/2017/FCA-4 Dated:11.03.2022.

Madam,

Sub: TSFD – F(C) Act, 1980 –Diversion of **45.1009 ha (revised from 45.0032 ha)** of forest land in Asifabad , Bellampally and Peddapally Divisions for the construction of Warora Pool – Warangal (New) 765kv D/C Transmission line in favour of Warora Kurnool Transmission Line (WKTL)– Stage-I approval Accorded–**Condition wise Compliance Report Submitted – Forwarded-**Reg.

Ref:

1. GoI, MoEF & CC, RO (SEZ), Chennai F.No. 4-TSA133/2018-CHN/1941 dt: 13.12.2018.
2. PCCF's Rc.No.12482/2017/FCA-3/PS dt: 24.12.2018
3. FDO, Bellampally Rc.No. 190/2018/S4A dt: 10.02.2019.
4. DFO, Peddapally Rc.No. 1442/S4/2017 Dt: 23.04.2019.
5. FDO, Asifabad Rc.No. 5604/2017-S10 Dt:01.03.2019.
6. PCCF's Rc.No.12482/2017/FCA-3/PS(i) dt: 02.12.2019 addressed to state government.
7. PCCF's Rc.No.12482/2017/FCA-3/PS(ii) dt: 02.12.2019.
8. Minutes of 1st meeting of reconstituted SBWL of Telanagana held on 01.02.2020.
9. PCCF's Rc.No.12482/2017/FCA-3/PS dt:18.09.2020.
- 10.PCCF's Rc.No.12482/2017/FCA-3/PS dt:07.08.2021.
- 11.DFO, Peddapally Rc.No.1442/S4/2017 dt:24.08.2021.
- 12.PCCF's Rc.No.12482/2017/FCA-3/PS dt:06.09.2021.
- 13.Warora Kurnool Transmission Limited, Brindavan Gardens, Kishanguda Ref:WKTL/Hyd/2021/137 dt:29.10.2021.
- 14.PCCF Rc.No.12482/2017/FCA-4 Dt. 24.11.2021.
- 15.CF, Adilabad Rc.No. 534/2018-M6(i) Dt. 01.02.2022.
- 16.CF, Karimnagar Rc.No.1824/2017/M2 Dt. 04.02.2022.
- 17.CF & FDPT, Kawal TR, Nirmal Rc.No.6157/2017/D2 Dt. 18.02.2022.
- 18.Warora Kurnool Transmission Limited, Brindavan Gardens, Kishanguda Ref:WKTL/Hyd/2022/277 dt:14.02.2022.
- 19.PCCF Rc.No.12482/2017/FCA-4 Dt.26.02.2022.

Kind attention is invited to the references cited.

It is submitted that the Conservator of Forests, Karimnagar, Conservator of Forests, Adilabad and Conservator of Forests, FDPT, Kawal TR, Nirmal vide references 15th, 16th and 17th respectively, have furnished the condition-wise compliance report received from DFO, Rangareddy in (3) sets, for according necessary approval U/s 2 of Forest (Conservation) Act, 1980 for Re-Diversion of **45.1009 ha (revised from 45.0032 ha)** of forest land in Asifabad , Bellampally and Peddapally Divisions for the construction of Warora Pool – Warangal (New) 765kv D/C Transmission line in favour of Warora Kurnool Transmission Line (WKTL). A copy of references 15th, 16th and 17th cited together with its enclosures is enclosed herewith.

The Condition-wise Compliance report with corrections and remarks are as follows:

C. No	Description of Condition	Compliance
1	The legal status of the forest land shall remain unchanged	Shall be complied with. An undertaking is submitted by the User Agency.

2	Demarcation of the proposed forest area shall be carried out by erecting 4 feet high cement concrete pillar duly numbered at an interval of 20 meters by the user agency in consultation with the District Forest Officer concerned at the project cost before the stage -II approval.	<p>As per the Demand Notice issued by the DFO/FDO's of Peddapally, Asifabad and Bellampally, the User Agency has deposited funds towards construction of boundary pillars into the respective FDO CA PD accounts, and details are follows:</p> <ul style="list-style-type: none"> An amount of Rs.8,93,100/- deposited towards Cost of construction of Boundary Pillars which is part of total amount deposited of Rs.20,41,500/- vide DD. No.192383 dated 16.10.2021 into the PD account of DFO, Peddapally. An amount of Rs.3,59,000/- deposited towards Cost of construction of Boundary Pillars which is part of total amount deposited of Rs.4,11,000/- vide DD.No.192382 dated 16.10.2021 into the PD account of FDO, Asifabad. An amount Rs.4,96,600/- deposited towards Cost of construction of Boundary Pillars which is part of total amount deposited of Rs.15,26,300/-vide DD.No.192384 dated 16.10.2021 into the PD account of FDO, Bellampalli.
3	The state forest department shall carry on compensatory Afforestation (Compensatory Afforestation) over 34.10 ha of degraded forest land i.e 15 ha in compt. no 273 khansaipet beat, Eklapur section & 19.10 ha (total area is 20 ha & 0.90 ha is stated to be difficult area) in compt no 282 Gopalpur Beat, kammampally section of Manthana Range of peddapally division, over an extent of 28.40 ha of degraded forest area in compt No 407 of RF kunchevelly of Beat Girelly of section Girelly of Rebbera range and over extent of 27.60 ha of degraded forest area in Bellampally RF of Range Bellampally Range at the cost of the User agency.	<p>Complied.</p> <p>The User agency has deposited an amount of Rs.9,45,58,798/- towards Compensatory Afforestation (CA) which is part of total amount deposited for an amount of Rs.13,71,47,254/- vide UTR No.SBINR52021101446958224 dated 14.10.2021 into the Adhoc CAMPA Account of Telangana by generating the challan in the ministry's portal bearing No.155706427465027.</p> <p>The status of payment has been reflected in the ministry's portal, copy of which is enclosed.</p>
4	Minimum of 1000 plants /ha of diverted area shall be planted in the identified Compensatory Afforestation land. In case, the required numbers could not be planted therein, the balance shall be planted in the nearby by RF/PF by the state forest department at the cost of the user agency.	<p>Complied.</p> <p>The User agency has deposited an amount of Rs.4,00,15,569/- towards Compensatory Afforestation (CA) which is part of total amount deposited for an amount of Rs.13,71,47,254/- vide UTR No.SBINR52021101446958224 dated 14.10.2021 into the Adhoc CAMPA Account of Telangana by generating the challan in the ministry's portal bearing No.155706427465027.</p>
5	The degraded forest land identified for Compensatory Afforestation and the approved Compensatory Afforestation scheme shall not be changed without prior approval of the Central Government and the state Forest Department shall ensure that the amount realized from the user Agency towards Compensatory Afforestation should not be left unspent as recommended by the REC.	Complied.
6	The state government shall charge the net present Value of the diverted forest	Complied.

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	land measuring 45.1009 ha from the user agency as per orders of the Hon'ble supreme court of India dt 28.3.2008 and 09.05.2008 in IA Nos 826 in 566 with related IA,s in writ petition (civil) No. 202/1995.	<p>The User agency has deposited an amount of Rs.3,19,53,983/- towards Net Present Value (NPV) which is part of total amount deposited for an amount of Rs.13,71,47,254/- vide UTR No.SBINR52021101446958224 dated 14.10.2021 into the Adhoc CAMPA Account of Telangana by generating the challan in the ministry's portal bearing No.155706427465027.</p> <p>The status of payment has been reflected in the ministry's portal which is enclosed.</p>
7	Additional amount of net present value (NPV) of the diverted forest land if any, becoming due after revision of the same by the Hon'ble supreme court of India in future shall be charged by the state government from the user agency. The user agency shall furnish an undertaking to this effect.	Agreed and the User Agency has submitted an undertaking to this effect.
8	The funds received from the user agency towards Compensatory Afforestation , Net present value and money received in compliance of the conditions stipulated by the central Government under this project shall compulsorily be deposited in to the "state Compensatory Afforestation funds of Telangana state" only.	<p>Complied.</p> <p>The User agency has deposited an amount of Rs. 13,71,47,254/- towards Compensatory Afforestation (CA), Net Present Value (NPV), Dwarf species plantation under RoW vide UTR No.SBINR52021101446958224 dated 14.10.2021 into the Adhoc CAMPA Account of Telangana by generating the challan in the ministry's portal bearing No.155706427465027.</p> <p>The status of payment has been reflected in the ministry's portal, copy of which is enclosed.</p>
9	The state forest department shall raise and maintain Dwarf species (preferably medicinal plants) under the transmission line as scheme proposed by the DFOs of Peddapally, Beltempally and Asifabad forest Divisions.	<p>Complied.</p> <p>The User agency has deposited an amount of Rs.1,13,34,473/- towards Net Present Value (NPV) which is part of total amount deposited for an amount of Rs.13,71,47,254/- vide UTR No.SBINR52021101446958224 dated 14.10.2021 into the Adhoc CAMPA Account of Telangana by generating the challan in the ministry's portal bearing No.155706427465027.</p> <p>The status of payment has been reflected in the ministry's portal which is enclosed.</p>
10	The maximum width of right of way for the proposed transmission line on the forest land shall not be more than 67 mtrs.	Agreed and the User Agency has submitted an undertaking to this effect.
11	The forest land proposed for diversion shall under no circumstances be transferred/ sublet to any other agency department or person without prior approval of the central government.	Agreed and the User Agency has submitted an undertaking to this effect.
12	The layout plan of the proposal shall not be changed without the prior approval of the Central Government. The User Agency shall furnish an undertaking to this effect.	Agreed and the User Agency has submitted an undertaking to this effect.
13	The mitigative measures as proposed in the proposal shall be carried out by the State Forest Department at the cost of	An amount of Rs.30,00,000/- has been deposited into the Biosot account, maintained at Andhra Bank bearing A/c.No.

	the User Agency	110310100030284, IFSC Code: ANDB0001103 towards Wildlife Mitigative measures.(Copy enclosed)
14	The User Agency shall provide firewood preferably alternate fuels to the labourers working at the site to avoid damage/tree felling	Agreed and the User Agency has submitted an undertaking to this effect.
15	Disturbance shall be kept minimal by creating labour camps outside the forest area as far as possible and it will be responsibility of the User Agency to ensure that the labourers & staff engaged in execution of work do not destruct nearby forest flora & fauna`	Agreed and the User Agency has submitted an undertaking to this effect.
16	Felling/pollarding/pruning of trees shall be done with the permission of the local forest officer wherever necessary during construction and maintenance of transmission line	Agreed and the User Agency has submitted an undertaking to this effect.
17	In case the Standing Committee of NBWL does not approve the clearance under WL Act for an area of 3.1142 ha falling in Tiger Corridor, then User Agency shall choose alternative alignment to execute the project.	NBWL Granted Wildlife clearance vide F.No. 6-162/2018/WL, Dated 23.10.2020, and minutes of 59 th meeting of Standing Committee of NBWL dated 05.10.2020 is enclosed.
18	In case the portion of the transmission line to be constructed is located in hilly areas, where adequate clearance is already available, trees shall not be cut.	Agreed and the User Agency has submitted an undertaking to this effect.
19	The User Agency at its cost shall provide bird deflector, which are to be fixed on the upper conductor of the transmission line at suitable intervals to avoid bird hits.	Agreed and the User Agency has submitted an undertaking to this effect.
20	No working permit shall be issued by the State Government before submission of RoFR certificate for the entire area and NBWL clearance for the area falling in Tiger Corridor area of Kawal Tiger Reserve.	Complied. FRA'2006 Certificates are issued by the two District Collectors of Komarambheem Asifabad & Mancherial. (Copies enclosed)
21	All efforts shall be taken to minimize the felling of trees and the State Forest Department shall carry out translocation of the trees wherever feasible at the cost of the User Agency.	As per the Demand Notice issued by the DFO/FDO's of Peddapally, Asifabad and Bellampally, the User Agency has deposited funds towards Extraction of tree growth into the respective FDO CA PD accounts, and details are follows: <ul style="list-style-type: none"> An amount of Rs.11,48,400/- deposited towards Extraction of tree growth which is part of total amount deposited of Rs.20,41,500/- vide DD. No.192383 dated 16.10.2021 into the PD account of DFO, Peddapally. An amount of Rs.52,000/- deposited towards Cost of Extraction of tree growth which is part of total amount deposited of Rs.4,11,000/- vide DD.No.192382 dated 16.10.2021 into the PD account of FDO, Asifabad. An amount Rs.10,29,700/- deposited towards Cost of Extraction of tree growth which is part of total amount deposited of Rs.15,26,300/-vide DD.No.192384 dated 16.10.2021 into the PD account of FDO, Bellampalli.

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22	The User Agency and the State Government shall ensure compliance to Ministry's guidelines F. No. 7-25/2012-FC dated 5 th May, 2014 and 10 th September 2014 and provisions of all Acts, Rules, Regulations and Guidelines of the Ministry, for the time being in force, as applicable to the transmission line projects.	Agreed and the User Agency has submitted an undertaking to this effect.
23	The total forest area utilized for the project shall not exceed 45.1009 ha and the forest area diverted shall not be used for any purpose other than those shown in the diversion proposal. The User Agency shall furnish an undertaking to this effect.	Agreed and the User Agency has submitted an undertaking to this effect.
24	The Progress of the Compensatory Afforestation under the jurisdiction of Peddapally, Bellampally and Asifabad Forest Division shall be monitored by the respective Circle Head and a copy of such monitoring report shall be forwarded to the Regional Office.	Agreed and the User Agency has submitted an undertaking to this effect.
25	Any other condition that the Central Government or Addl PCCF (Central) of Regional Office, Chennai 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.	Agreed and the User Agency has submitted an undertaking to this effect.
26	In the event of failure to comply with any of the above conditions the User Agency is liable for penal action as decided by the Addl.PCCF(Central), Regional Office, Chennai.	Agreed and the User Agency has submitted an undertaking to this effect.

The compliance for the conditions stipulated in the Standing committee of National Board for Wildlife to an extent of 3.1142 ha in Asifabad Forest Division, in the Wildlife clearance are as follows:

A	Conditions imposed by the Chief Wildlife Warden Telangana	Compliance												
1.	<p>The User Agency will provide Rs. 30.00 lakhs for developing natural grass lands/meadows below the power transmission lines as under :</p> <table> <tr> <th>Sl. No.</th><th>Component</th><th>(Rs. Lakhs)</th></tr> <tr> <td>1</td><td><u>Habitat Management:</u> a) Bore well with solar pump sets (2) units @ Rs. 5.00 Lakhs per unit</td><td>10.00</td></tr> <tr> <td>2</td><td>b) Management of natural grass lands by uprooting the obnoxious weeds and sowing locally collected grass seeds over 100 ha for three consecutive years at a cost of RS.10,000/- per ha.</td><td>10.00</td></tr> <tr> <td>3</td><td><u>Water Management:</u> a) Construction of mini percolation tanks 2 Nos @ 2.0 lakh/each at the solar bore well site for water storage</td><td>4.00</td></tr> </table>	Sl. No.	Component	(Rs. Lakhs)	1	<u>Habitat Management:</u> a) Bore well with solar pump sets (2) units @ Rs. 5.00 Lakhs per unit	10.00	2	b) Management of natural grass lands by uprooting the obnoxious weeds and sowing locally collected grass seeds over 100 ha for three consecutive years at a cost of RS.10,000/- per ha.	10.00	3	<u>Water Management:</u> a) Construction of mini percolation tanks 2 Nos @ 2.0 lakh/each at the solar bore well site for water storage	4.00	An amount of Rs.30,00,000/- has been deposited into the Biosot account, maintained at Andhra Bank bearing A/c.No. 110310100030284, IFSC Code: ANDB0001103 towards Wildlife Mitigative measures.(Copy enclosed)
Sl. No.	Component	(Rs. Lakhs)												
1	<u>Habitat Management:</u> a) Bore well with solar pump sets (2) units @ Rs. 5.00 Lakhs per unit	10.00												
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3	<u>Water Management:</u> a) Construction of mini percolation tanks 2 Nos @ 2.0 lakh/each at the solar bore well site for water storage	4.00												

	4	Fire management: Formation of new fire lines (width 6.00 Mtrs) 26900 Rmt @ Rs 10/ 1 Rmt per year	2.69	
	5	Publicity & Awareness: Hoardings & publicity to propagate the need for conservationof Flora and Fauna of the area	3.31	
		Total:	30.00	
The above amount shall be deposited by the User Agency in the BIOSOT account of Chief Wildlife Warden, Telangana.				
2	The User Agency shall fell only the barest minimum number of trees while executing the work			Agreed and the User Agency has submitted an undertaking to this effect.
3.	The works shall be carried out without disturbing or damaging or damaging Flora, Fauna or habitat of the area			Agreed and the User Agency has submitted an undertaking to this effect.
4.	Work shall be carried out from 6.00 am to 6.00 pm only			Agreed and the User Agency has submitted an undertaking to this effect.
5.	The material for carrying out the proposed works shall be kept outside the sanctuary area. As and when required they should be carried to the site during execution of work.			Agreed and the User Agency has submitted an undertaking to this effect.
6	No labour camp should be established inside the Tiger Reserve during the execution of the work			Agreed and the User Agency has submitted an undertaking to this effect.
7	The debris formed due to the execution of the works shall be taken away from the Tiger Reserve on day-to-day basis			Agreed and the User Agency has submitted an undertaking to this effect.
8	The User Agency shall construct Masonry pillars to demarcate proposed project area at every 25 m interval.			Agreed and the User Agency has submitted an undertaking to this effect.
9	The User Agency should raise the height of the towers in consultation with the Chief Wildlife Warden			The UA has informed that the tower height has been raised in consultation with Chief Wildlife Warden and undertaking in this regard has been submitted.
10	In addition to the existing forest road, User Agency shall avoid creation of additional trails/roads for construction work or use by construction vehicles/machinery.			Agreed and the User Agency has submitted an undertaking to this effect.
11	To prevent exposure of soil erosion, excavation for laying pylon foundations must be deep and not spread. These must be located as close to the existing road as possible and away from water bodies and sleep slopes. The soil at these spots must be stabilized post construction to control erosion and assist in vegetation regrowth			Agreed and the User Agency has submitted an undertaking to this effect.
12	Vegetation cleared before and during construction work must be properly disposed of to avoid spread of invasive species.			Agreed and the User Agency has submitted an undertaking to this effect.
Compliance to the additional conditions and mitigation measures recommended by NTCA as stated by IGF(WL) in the NBWL meeting are as follows:				
(B)	Conditions imposed by the NTCA			Compliance
13	<u>Mitigation of electrocution risk to tigers and associated species:</u> A major threat to dispersing tigers and other			The UA has informed that the tower height has been raised in consultation with Chief Wildlife Warden and

	<p>associated wildlife in corridor areas and forest adjoining human habitations and agricultural fields is electrocution by live wires. Making the transmission lines theft proof by insulating power line components needs to be carried out. However, the Standing Committee recommended that the height of towers shall be raised by the User Agency in consultation with the Chief Wildlife Warden instead of insulation</p>	<p>undertaking in this regard has been submitted.</p> <p>Towers will be provided with anti-climbing device to prevent theft of towers accessories and human interference.</p> <ul style="list-style-type: none"> During operation phase, WKTL shall implement SCADA system for monitoring and control. In case of any fault, SCADA system isolate the faulty section/conductor immediately with zero voltage and ensure no impact on tigers and other associated wildlife in corridor areas and forest adjoining human habitations and agricultural fields due to electrocution by live wires. Further, minimum clearance of conductor bundle from ground level will be provided at 15 m after considering maximum sag, which is sufficient for safe passage of tallest animal and other mammals and hence does not have any impact on movement of tiger and associated species & other wild animals.
14	<p><u>Mitigation of electrocution risk of birds:</u> This may be done through line design modification i.e. by allowing sufficient spacing between different conductors and between conductors and grounded wires of hardware. For large perching raptors, distance should be >1.8 m between perches and energized parts. If spacing between parts is not possible, insulating components that pose a risk of electrocution (poles, pylons, wires) may be done. Perch management techniques may be used to deter birds from perching on components where the risk of electrocution is high such as bird spikes, artificial perches placed at a safe distance from the energized parts.</p>	<p>The UA has informed that the to avoid electrocution impact on birds, 8.5 m vertical distance shall be maintained between earth wire and conductor bundles & 15m vertical distance shall be maintained between two conductor bundles.</p> <p>Further, bird guard shall be installed at appropriate locations on cross arm of towers (as per IS 5613) & bird diverters shall be installed at appropriate locations of transmission line falling in the diverted 3.1142 ha of tiger corridor area as per the specification/suggestions by CEA/MoEF&CC in respect of bird diverters.</p> <p>The User Agency has submitted an undertaking to this effect.</p>
15	<p><u>Mitigation of collision risk:</u> Less vertical separation of cables poses less of an obstacle for birds. Increasing the visibility of wires, particularly the earth wire to birds by thickening, coating and coloring wires and by installation of line marking devices may help reduce collision by upto 50-80% Markers should increase the visibility of wire by at least 20 cm, for a length of at least 10-20 cm, and places, at intervals of at least 5-10 m the makers must be in contrast with the background.</p>	<p>The UA has informed that the Bird Divertors shall be installed at appropriate locations of transmission line falling in the tiger corridor area as per the specification/suggestions by CEA/MoEF&CC in respect of bird diverters.</p> <p>The User Agency has submitted an undertaking to this effect.</p>
(C)	<p>The User Agency shall raise the height of the tower in consultation with the Chief Wildlife Warden .</p>	<p>The UA has informed that the tower height has been raised in consultation with Chief Wildlife Warden and undertaking in this regard has been</p>

		submitted.	
(D)	The animal passage plan submitted by the User Agency shall be implemented in toto.	Agreed and the User Agency has submitted an undertaking to this effect.	
(E)	Reflectors may be used appropriately to minimize collision risk of birds	The UA has informed that the Bird Divertors shall be installed at appropriate locations of transmission line falling in the tiger corridor area as per the specification/suggestions by CEA/MoEF&CC in respect of bird diverters. The User Agency has submitted an undertaking to this effect.	
(F)	The annual compliance certificate on the following stipulated conditions should be submitted by the project proponent to the State Chief Wildlife Warden and an annual compliance certificate shall be submitted by the State Chief Wildlife Warden to Government of India.	Agreed and the User Agency has submitted an undertaking to this effect.	

The UA has also published the Stage-I forest clearance granted in verbatim along with the conditions and safe-guards imposed by the Central government in two widely circulated daily newspapers one in vernacular language and the other in English. (Copies enclosed).

On deposition of funds by the UA, vide ref 19th cited, the Working permission has been issued for tree cutting and commencement of works (copy enclosed).

The Government is requested to forward the condition-wise compliance report to Government of India, Ministry of Environment & Forests and Climate Change, Integrated Regional Office, Hyderabad for according final approval.

Yours faithfully,

Sd/-R.M.Dobriyal

Principal Chief Conservator of Forests
(Head of Forest Force)(FAC)

Encl: (As above)

Copy to

The Chief Conservator of Forests, Adilabad, the Conservator of Forests & Field Director Project Tiger, kawal TR, Nirmal and the Conservator of Forests, Karimnagar for information.

The Forest Divisional Officer's Asifabad and Bellampally.

The Warora Kurnool Transmission Limited, Ground Floor#001, Sai Prema Nilayam Apartments, Brindavan Gardens, Kishanguda, Telangana-501218 for information.

The Warora Kurnool Transmission Ltd, Essel Infra projects Limited, 6th Floor, Plot No. 19 & 20, Film City, Sector 16A. Gautam Buddha Nagar, Noida - 201301 for information.

The PCCF (P&V) & CWLW (FAC) for information and necessary action.

//t.c.b.o//

alauk
14/1/2022

D. Subodh
Superintendent *14/1/2022*