

613-

PART - IV

(to be filled by the Nodal officer or Principal Chief Conservator of Forests or Head of Forest department)

<p>17. Detailed opinion and specific recommendation of the State Forest Department for acceptance or otherwise of the proposal with remarks (While giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon).</p>	<p>The proposal for Diversion of 6.086 Ha of forest land in Kamareddy, Banswada and Nizamabad division for laying 220 KV double circuit line with multi circuit towers in forest land to extend power supply to Yacharam Thanda Pump house under Kaleshwaram Lift Irrigation Scheme, Package-22 in favour of Executive engineer, Lift Irrigation Schemes, TSTRANSCO, Nizamabad is hereby <u>recommended</u>.</p> <p>The conditions proposed by the FDO's and recommended by the CCF are agreed to and may be stipulated in the approval.</p>
	<p><i>R. Sathya</i> 18/02/2022</p> <p>Signature Name & Designation Principal Chief Conservator of Forests (Official seal) (Head of Forest Force) Telangana, Hyderabad.</p>
<p>Date :- 18-02-2022</p> <p>Place: HYDERABAD</p>	

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**GOVERNMENT OF TELANGANA
FOREST DEPARTMENT**

From
Smt R.Sobha, IFS,
Principal Chief Conservator of Forests
& Head of Forest Force,
Telangana State, "Aranya Bhavan",
Saifabad, **Hyderabad.**

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

Ref.No.3172/2020/FCA-4 Dated:18.02.2022.

Madam,

Sub:- TSFD – F(C) Act, 1980 – Diversion of 6.086 Ha of forest land in Kamareddy, Banswada and Nizamabad division for laying 220 KV double circuit line with multi circuit towers in forest land to extend power supply to Yacharam Thanda Pump house under Kaleshwaram Lift Irrigation Scheme, Package-22 in favour of Executive engineer, Lift Irrigation Schemes, TSTRANSCO, Nizamabad – **Processed proposals furnished for according necessary approval** - Regarding.

Ref:- 1. Executive Engineer, Lift Irrigation Schemes, TSTRANSCO, Nizamabad, Lr.No.EE/LIS/Nizamabad/220KV YacharamThanda line/D.no.380/19-20, Dt. 18.02.2020.
2. PCCF Rc.No. 3172/2020/FCA-3/PS Dt.16.03.2020.
3. DFO, Kamareddy Rc.No.1014/2020/D2 Dt.04.06.2020 received through mail dated 05.06.2020.
4. Executive Engineer, Lift Irrigation Schemes, TSTRANSCO, Nizamabad, Lr.No.EE/LIS/Nizamabad/220KV YacharamThanda line/D.no.97/19-20, Dt. 09.06.2020.
5. PCCF Rc.No. 3172/2020/FCA-3/PS Dt.20.06.2020.
6. CCF(FAC), Nizamabad Rc.No.1664/2021/D1 Dt. 03.11.2021.
7. PCCF Rc.No.3172/2020/FCA-4 Dt.29.01.2022.
8. Superintending Engineer, LIS Circle, Karimnagar Lr.no.SE/LISKNR/ADE(T)/F.YacharamTanda/D.No.1598/21 Dt. 09.02.2022.

It is submitted that the Chief Conservator of Forests (FAC), Nizamabad in the ref 6th cited has submitted processed proposal for diversion of 6.086 Ha of forest land in Kamareddy, Banswada and Nizamabad division for laying 220 KV double circuit line with multi circuit towers in forest land to extend power supply to Yacharam Thanda Pump house under Kaleshwaram Lift Irrigation Scheme, Package-22 in favour of Executive engineer, Lift Irrigation Schemes, TSTRANSCO, Nizamabad; duly recommending the project in Part-II by Forest Divisional Officer's, Nizamabad, Kamareddy and Banswada and Part-III by the Chief Conservator of Forests, Nizamabad along with inspection notes & other necessary documents.

The details of proposal with remarks are as follows:

I. The User Agency has furnished following information in Part-I:

- The proposed diversion of forest land area is **6.086 Ha** with 1738.86 meters length and a width of 35 m (as per the MoEF&CC guidelines for Transmission lines)
- The User Agency (M/s.TSTRANSCO) has proposed for laying of 220 KV double circuit line with multi circuit towers in forest land to extend power supply to Yacharam Thanda Pump house under Kaleshwaram Lift Irrigation Scheme, Package-22.
- Map showing the area proposed for diversion overlaid with Geo coordinates recorded by using ETS & DGPS/DGNSS overlaid on a 1:50000 scale Topomap is enclosed.
- The division-wise and purpose-wise breakup is as follows:

S. No	Division	Name of the RF	Length (in m)	Width (in m)	Area (in Ha)
1	Banswada	Manchippa RF	547.79	35	1.917

2	Kamareddy	Manchippa RF	250	35	0.875
3	Nizamabad	Chandrayanpa RF	941.07	35	3.294
Total			1738.86		6.086

- Cost of the project is estimated as **Rs. 55.90 Crores.**
- Justification for locating the project in Forest area is enclosed.
- Employment of about **60000 persons** will be get benefited during construction of the project.
- The Project does not involve displacement of people.
- Cost Benefit Analysis is also enclosed.
- The map showing the various alternatives is furnished.
- The user agency has stated that clearance under Environment (Protection) Act, 1986 is not required for the project.
- The User agency furnished certificate stating that the proposed forest area for diversion is barest minimum and essentially required for the proposed project.
- The User agency has furnished following undertakings for acquisition of forest land
 - to pay the cost of Net Present Value (NPV), the additional NPV as per the assessment made by the State Forest Department.
 - to bear the cost of raising and maintenance of Compensatory Afforestation as per the scheme prepared by the State Government.
 - to pay the cost of extraction charges of tree growth, existing on the forest land proposed for diversion under the project as and when demanded by the Forest authorities.
 - etc

II(A).Forest Divisional Officer, Nizamabad has furnished following information in Part- II and Inspection Report Dt.06.05.2021.

- The proposed diversion of area is for 400 laying of 220 KV double circuit line with multi circuit towers in forest land to extend power supply to Yacharam Thanda Pump house under Kaleshwaram Lift Irrigation Scheme, Package-22 falls in Compt.No. 469 of Chandrayanpally-II RF Block which was notified U/s.15 vide G.O.Ms. No.382, AP, Forest Act, 1967, dt:01.05.1976.
- The length of the 220 Kv transmission line is 941.07 meters with a width of 35 meters, (as per the MoEF guidelines of Transmission) and 3.294 Ha area is required for diversion.
- Density of vegetation is 0.4 in the proposed area.
- Area proposed is not prone for soil erosion. The terrain proposed for diversion is plain to undulated, there will be no impact on soil erosion as angular towers will be erected under which at most entire area will be intact.
- As per the enumeration statement, 1626 No's of trees and 324 poles are proposed to be felled in the area proposed for diversion. Statement showing the species-wise and diameter class-wise abstract of the trees to be felled in the area proposed for diversion is enclosed.
- The other flora existing in this area are Tectona Grandis, Lagerstroemia Parviflora, Semecarpusanacardium, Chloeoxydon swietenia, Madhuka Longifolia, Cassia Fistula, Buchanania Lanzas, etc.,
- The fauna existing in the area are pea fowl, Spotted deer, Wild boar, Panthers, Sloth bears, Mongoose, Python, etc.,
- The proposed area is not falling in any National Park, Wildlife Sanctuary, Bio-sphere reserve, tiger reserve or Elephant corridor, Wild life migration corridor etc.,

6/7

There are no rare / endangered/unique species of flora and fauna found in the area proposed to be diverted; that are caused or harmed due to this project.

- There are no any protected archaeological heritage site / defense establishment or any other important monuments in the proposed site.
- The requirement of the land proposed by the User Agency is unavoidable and barest minimum for the Project and there is no alternate site available.
- No violation of Forest (Conversation) Act, 1980 has been carried out by the User Agency.
- Site inspection report is enclosed.

Recommendations of the Forest Divisional Officer, Nizamabad in Part-II:

The Forest Divisional Officer, Nizamabad has recommended the proposal in Part-II stating that the proposed area is unavoidable and barest minimum of the project.

II(B). Forest Divisional Officer, Banswada has furnished following information in Part- II and Inspection Report Dt.12.05.2021.

- The proposed diversion of area is for 400 laying of 220 KV double circuit line with multi circuit towers in forest land to extend power supply to Yacharam Thanda Pump house under Kaleshwaram Lift Irrigation Scheme, Package-22 falls in Manchippa RF Block which was notified U/s.19 of TS Forest Act, 1967.
- The length of the 220 Kv transmission line is 547.79 meters with a width of 35 meters, (as per the MoEF guidelines of Transmission) and 1.917 Ha area is required for diversion.
- Density of vegetation is 0.2 to 0.4 in the proposed area.
- Area proposed is not prone for soil erosion and the adverse impact takes place.
- As per the enumeration statement, 2529 No's of trees/poles are proposed to be felled in the area proposed for diversion. Statement showing the species-wise and diameter class-wise abstract of the trees to be felled in the area proposed for diversion is enclosed.
- The other flora existing in this area are Tectona Grandis, Lagerstroemia Parviflora, Chloeoxyton swietenia, Miliusa Tomentosa, etc.,
- The proposed area is not falling in any National Park, Wildlife Sanctuary, Bio-sphere reserve, tiger reserve or Elephant corridor, Wild life migration corridor etc.,
- There are no rare / endangered/unique species of flora and fauna found in the area proposed to be diverted; that are caused or harmed due to this project.
- There are no any protected archaeological heritage site / defense establishment or any other important monuments in the proposed site.
- The requirement of the land proposed by the User Agency is unavoidable and barest minimum for the Project and there is no alternate site available.
- No violation of Forest (Conversation) Act, 1980 has been carried out by the User Agency.
- Site inspection report is enclosed.

Recommendations of the Forest Divisional Officer, Banswada in Part-II:

The Forest Divisional Officer, Banswada has recommended the proposal in Part-II stating that the proposed area is to extend power supply to the yacharam thanda of Banswada division is helpful for water supply to the villages.

II(C). Forest Divisional Officer, Kamareddy has furnished following information in Part- II and Inspection Report Dt.06.05.2021.

- The proposed diversion of area is for 400 laying of 220 KV double circuit line with multi circuit towers in forest land to extend power supply to Yacharam Thanda Pump

house under Kaleshwaram Lift Irrigation Scheme, Package-22 falls in Compt.No. 458 & 470 of Manchippa RF Block which was notified U/s.18 of HFA 1326 F.

- The length of the 220 Kv transmission line is 250.00 meters with a width of 35 mts, (as per the MoEF guidelines of Transmission) 0.875 Ha area is required for diversion.
- Density of vegetation is 0.4 in the proposed area.
- Area proposed is not vulnerable for soil erosion.
- As per the enumeration statement, 1545 No's of trees and 262 poles are proposed to be felled in the area proposed for diversion. Statement showing the species-wise and diameter class-wise abstract of the trees to be felled in the area proposed for diversion is enclosed.
- The other flora existing in this area are Teak, Tuniki, Palakodisha, Rela, Buddadarimi, Ippa, Chennangi, Moduga, Gumpena, Buruga, Kanuga, Nallamaddi, Ponna, Morri, Jitrgi, Soppera, Tapasi, Tani, Maredu, Illinta, Tellamadi, Sethapal,etc.,
- The proposed area is not falling in any National Park, Wildlife Sanctuary, Bio-sphere reserve, tiger reserve or Elephant corridor, Wild life migration corridor etc.,
- There are no rare / endangered/unique species of flora and fauna found in the area proposed to be diverted; that are caused or harmed due to this project.
- There are no any protected archaeological heritage site / defense establishment or any other important monuments in the proposed site.
- The requirement of the land proposed by the User Agency is unavoidable and barest minimum for the Project and there is no alternate site available.
- No violation of Forest (Conversation) Act, 1980 has been carried out by the User Agency.
- Site inspection report is enclosed.

Recommendations of the Forest Divisional Officer, Kamareddy in Part-II:

The Forest Divisional Officer, Kamareddy has recommended the proposal in Part-II stating that

- There is no other alternate way except this area.
- No effect on Flora & Fauna on formation of electric line.
- The UA shall fell barest minimum of trees and should fell if required only.
- The UA shall fulfil above conditions.

III. Recommendations of the Chief Conservator of Forests, Nizamabad in Part- III:

The Chief Conservator of Forests, Nizamabad has also agreed with the remarks of the Forest Divisional Officer's, Nizamabad, Banswada, Kamareddy in Part II and has recommended the project in Part-III.

IV. Information on RoFR Certificate:

1. The District Collector, Kamareddy District vide E1/565/2021dated: 30.05.2021 has issued Certificate in Form-I (for linear projects) and certified that the complete process for identification and settlement of rights under the FRA has been completed for the entire 2.792 Ha of forest land proposed to be diverted in favour of Superintending Engineer, LIS Circle, TSTRANSCO, Karimnagar for the purpose of Erection of 220kvdouble circuit line from 400/220 kv Substation Dichipally to 220/11 kv substation Yacharamthanda for extending power supply to pump house at Yacharam.
2. The District Collector & Magistrate, Nizamabad District vide E1/976/2021dated: 03.06.2021 has issued Certificate in Form-I (for linear projects) and certified that the complete process for identification and settlement of rights under the FRA has been completed for the entire 3.2937 Ha of forest land proposed to be diverted in favour of Superintending Engineer, LIS Circle, TSTRANSCO, Karimnagar for the purpose of Erection of 220kvdouble circuit line from 400/220

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kv Substation Dichipally to 220/11 kv substation Yacharamthanda for extending power supply to pump house at Yacharam of Chandrayanpally RF of Indalwai forest range, nizamabad division and faling in Chandrayanpally GP of Indalwaimandal of Nizamabad revenue division.

V. Information on Compensatory Afforestation (CA):

Under the Special provisions for transmission lines Projects granted at para-2.5(i)(a) of handbook of under F(C) Act, 1980, F(C) Rules, 2003, (amendments and clarifications) issued in F.No.5-2/2017-FC, Dt.28.03.2019 and the subsequent amendments issued therein, the **CA** shall be raised and maintained at the cost of the user agency on degraded forest land twice in extent of the forest area diverted.

In the instant case, the CA scheme, for raising plantation with 10 years of maintenance, has been prepared by the FDO, Kamareddy (for Kamareddy and Banswada) and FDO, Nizamabad for 10 times the no. of trees/ poles likely to be felled in Banswada, Nizamabad and Kamareddy divisions. The details are as follows:

S. No	Division Name	Comp No., Block Name and Range	DFL Area in ha	Financial outlay in Rs. Lakhs	Remarks
1	Nizamabad	Compt.No. 417, Amsanpally RF, Amsanpally beat & section, Indalwai Range	14.6	166.39266	Kamareddy division CA scheme includes Kamareddy and Banswada divisions. CA scheme is prepared for raising with 10 years of maintenance
2.	Kamareddy	Compt. No. 530/1, Machareddy RF, Banjepally beat, Annaram section, Machareddy Range	37.00	218.753	

Instead of raising the plantation double the area of diversion i.e., 1.75 Ha in Kamareddy division, 6.588 Ha in Nizamabad division and 3.834 Ha in Banswada division totalling to 12.172 Ha, the scheme has been prepared for 10 times the no. of trees/poles likely to be felled in Banswada, Nizamabad and Kamareddy divisions.

Further, in the proposed forest land for diversion, the number of trees/ poles likely to be felled are as follows:

Division	Extent of FL proposed diversion in ha	No. of trees/ poles likely to be felled
Nizamabad	3.294	1626 No's of trees and 324 poles = 1950
Kamareddy	0.875	1545 No's of trees and 262 poles = 1807
Banswada	1.917	2529
	Total	6286

Keeping in view of the guidelines and the number of trees/ poles likely to be felled, if required only and keeping in view of the report of User Agency at Para VII in this regard on felling/retaining/translocation of trees/poles the following are proposed:

- Raising of CA with 10 years of maintenance in an area of 7 ha in Nizamabad division with a proportionate amount of Rs.42.00 Lakhs (taking the CA scheme of Kamareddy into account)
- Raising of CA with 10 years of maintenance in an area of 18.5 ha in Kamareddy division (for both Kamareddy and Banswada divisions) with a proportionate amount of Rs.110.00 Lakhs.

VI. The Scheme for raising the medicinal and dwarf species within the right of way of the transmission line has been prepared by the FDO, Kamareddy and FDO, Nizamabad for an financial outlay of Rs.3.615 Lakhs and Rs.103.901 Lakhs for 7-10 years of maintenance. The scheme for FDO, Nizamabad is treated to be very high. The scheme for FDO, Banswada and Nizamabad will be prepared after Stage-I approval.

VII. Further, the Superintending Engineer, LIS Circle, Karimnagar vide ref 8th cited has informed that TSTRANSCO has proposed for laying line with multi circuit towers. i.e. X,Y and Z having tower heights 54mtr, 56mtr, 53mtr respectively, also the ground clearance at null point at worst condition in the forest area is 30 mtr for top circuit and 13mtr for bottom circuit. So it is not required to fell all the trees present underneath the line, however trees grown above 8.00 mtr height from the ground need to be trimmed to 8.00 mtr only. Also at the tower location it is required to fell the trees for foundation and erection works, and there are few trees only at each location of 6 locations and one location is in plain forest land and requested to kindly re-examine the proposal of translocation of trees as it is practically very difficult and also lot of damages may cause to other existing trees in approach as heavy machinery is required for translocation and it is not necessary to fell all the trees underneath the line and proposal is causing the delay in completing the prestigious Kaleshwaram project, which is being reviewed by the Honorable Chief Minister of Telangana Government from time to time.

VIII. The proposal has been uploaded by UA in the ministry's website and a unique number generated for this proposal No.**FP/TG/TRANS/46239/2020**.

IX. As per the handbook of under F(C) Act, 1980, F(C) Rules, 2003, (amendments and clarifications) issued in F.No.5-2/2017-FC, Dt.28.03.2019 and the subsequent amendments issued therein, as per the Para 4.3 read with 4.1, the projects undertaken by Government Agencies falling in non-LWE districts involving forest land upto 1 ha, tree felling of <50 trees/ha and falling outside the protected areas comes under **General approval category. The present proposal involves more than 1 ha of forest land, hence doesn't come under the general approval category.**

X. In view of the above, the statutory proposals along with necessary enclosures with due recommendations of undersigned in Part-IV are submitted herewith in triplicate for forwarding after recommendation in Part-V to the Regional Officer, GoI, MoEF& CC, IRO, Hyderabad for issual of necessary clearance.

Encl: As above.

Yours faithfully,

Sd/-R.Sobha

Prl. Chief Conservator of Forests.
(Head of Forest Force)

Copy to

The Chief Conservator of Forests, Nizamabad for information.

The District Forest Officer, Nizamabad and Kamareddy and the Forest Divisional Officer's, Kamareddy, Nizamabad, Banswada for information.

The Superintending Engineer, Lift Irrigation Schemes, TSTRANSCO, Karimnagar circle for information.

The Chairman and Managing Director, TSTRANSCO, Hyderabad for favor of information.

//t.c.b.o//

Navu
21/4/2022

D. Sobha
Superintendent 21/4/2022