

#### PART-IV

(TO BE FILLED IN BY THE NODAL OFFICER OR PRINCIPAL CHIEF  
CONSERVATOR OF FORESTS OR HEAD OF THE FOREST DEPARTMENT)

17. Detailed opinion and specific recommendation of the state Forest Department for acceptance of other wise 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)
- : The proposal for diversion of **3168.1315 ha** of forest land in 8 different Forest Divisions viz. Mahadevpur, Karimnagar-Sircilla, Siddipet, Yadadri, Medak, Nizamabad, Banswada and Nirmal Divisions for construction of canals, tunnels, lift system, surge pool, delivery cistern, and reservoirs etc., involved in **Kaleshwaram Project** in different Districts of Telangana State in favour of Chief Engineer, Kaleshwaram Project is hereby recommended.

The conditions proposed by the DFOs/FDOs and CFs in Part II and Part III respectively and also proposed in their covering letters and inspections reports are also agreed to. The same may be included in the forest clearance approval.

Q 6  
27/3/2017

Signature

Name & Designation  
(Official Seal)

Principal Chief Conservator of Forests  
(Head of Forest Force)  
Telangana, Hyderabad.

Date: 27.03.2017

Place: Hyderabad

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**GOVERNMENT OF TELANGANA  
FOREST DEPARTMENT**

From  
**Sri P.K. Jha, IFS,**  
Principal Chief Conservator of Forests &  
Head of Forest Force,  
**Telangana, "Aranya Bhavan",**  
Saifabad, Hyderabad.

To  
**The Spl. Chief Secretary to Government,**  
Environment, Forests, Science &  
Technology Department,  
Telangana Secretariat,  
Hyderabad.

**Ref.No.2514/2017/FCA-1 Dated 27.03.2017**

Sir,

**Sub:** TSFD – Forest (Conservation) Act, 1980 – Proposal for diversion of **3168.131 ha (revised from 3221.2974 ha)** of forest land in 8 different forest divisions viz. Mahadevpur, Karimnagar-Sircilla, Siddipet, Yadadri, Medak, Nizamabad Banswada and Nirmal divisions for construction of canals, Tunnels, lift system, surge pool, delivery cistern, and reservoirs etc involved in **Kaleshwaram Project** in different districts of Telangana State in favour of Chief Engineer, Kaleshwaram Project – Proposals Submitted - Regarding.

**Ref:** 1. Chief Engineer, Kaleshwaram Project, Hyderabad in Lr.No. CE/KPH/DCE/DEE-1/AEE-2/Forestland Pro/2017/235 dt.13.02.2017.  
2. PCCF's Ref.No.2514/2017/FCA-1, Dated: 16.02.2017  
3. CF, Warangal Rc.No.744/2017/D1 dated 14.03.2017 and 25.03.2017  
4. CCF, Hyderabad Rc.No.384/2017/M3 dated 08.03.2017.  
5. CCF, Nizamabad Rc.No.1004/2017/D1 dated 24.03.2017.  
6. CF& Field Director, Kawal Tiger Reserve, Nirmal Rc.No.918/2017/D2 dated 25.03.107  
7. CCF, Medak Rc.No. 263/C1/2017, Dt: 25-03-2017  
8. CCF, Karimnagar Rc.No.373/M2/2017, Dt.25.03.2017  
9. APCCF/FDPT, Amrabad Tiger Reserve Rc.No.513/2017/ATR/PT-6, Dt.25.03.2017

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Kind attention is invited to the references cited.

It is submitted that the Chief Engineer, Kaleshwaram Project, Hyderabad vide reference 1<sup>st</sup> cited has informed that earlier I&CAD Department had submitted proposals for diversion of forest land to an extent of **3170.4445 ha** for Dr. B.R. Ambedkar Pranahitha Chevella Sujala Sruvanthi Project, which has been forwarded to the Government of India. Subsequently, the said proposal was withdrawn by the User Agency in view of technical and administrative reasons and the same was accepted by Forest Department under intimation to the Ministry vide this office Ref.No.32443/2011/FCA1, dated.09.06.2016.

Further, the Chief Engineer has informed that the above project is re-designed after detailed study, and it has been decided to divide the Project into two parts viz., Dr.B.R. Ambedkar Pranahitha Project and Kaleswaram Lift Irrigation Scheme. The two projects involve diversion of forest land. The Chief Engineer, Dr.B.R. Ambedkar Pranahitha Project Adilabad has submitted proposals for diversion of Forest Lands for Dr.B.R. Ambedkar Pranahitha Project involving diversion of forest land in RF and Tiger Corridor Area, which are being processed following the due procedure under both WL and FC Act in erstwhile Adilabad district. The FC Act proposal have already been submitted to RO, Chennai in the month of November-2016 and the same is under active consideration.

Further, the Chief Engineer, Kaleshwaram Project, Hyderabad in the reference 1<sup>st</sup> cited has submitted for the second part of **re-designed Dr.B.R. Ambedkar Pranahitha Chevella Sujala Sruvanthi Project proposals in Form-A** seeking forest clearance for diversion of **3221.2974 ha (revised to 3168.1315 ha)** of forest land in 8 different Forest Divisions viz. Mahadevpur, Karimnagar-Sircilla, Siddipet, Yadadri, Medak, Nizamabad Banswada and Nirmal Divisions for construction of Canals, Tunnels, Lift System, Surge Pool, Delivery Cistern and Reservoirs etc. involved in **Kaleshwaram Project** in different Districts of Telangana State in favour of Chief Engineer, Kaleshwaram Project.

The Chief Engineer, Kaleshwaram Project has informed that the Kaleshwaram Project is an off-shoot of Dr. B.R.A.P.C.S.S. project after re-engineering by the Irrigation & CAD Department. This project envisages diversion of water by construction of barrage across river Godavari at Medigadda near Kaleshwaram, and two more barrages between Medigadda and Sripada Yellampally Project at Annaram village & Sundilla village and to convey water to the command area spread over in 13 Districts of Telangana through components such as Canals, Tunnels, Surge Pool, Delivery Cistern, Lift System, Reservoirs, and Distributary Network to supply the water by lift. This project system is suitably modified to carry about 2.00 TMC per day and also proposed to be increased from 11.43 TMC to 147.71 TMC involving of 20 no's of reservoirs. The net availability of water at proposed barrage is assessed as 282.300 TMC (as against requirement of 160 TMC) considering ongoing and proposed utilization through project. It is contemplated to irrigate a command area of 18,25,700 acres in 13 districts in Telangana State. For this purpose forest land to the extent of **3221.2974 ha (revised to 3168.1315 ha)** in 8 different forest divisions viz. Mahadevpur, Karimnagar-Sircilla, Siddipet, Yadadri, Medak, Nizamabad Banswada and Nirmal Divisions is required for **Kaleshwaram Project**.

Further, the User Agency has uploaded the proposals in the Ministry's website [www.forestclearance.nic.in](http://www.forestclearance.nic.in) and a unique file number FP/TG/IRRIG/24296/2017 has been generated by the Ministry's website for this project.

The above said proposal were forwarded to the respective District Forest Officers/Forest Divisional Officers having jurisdiction over forest area, for processing under Forest (Conservation) Act, 1980 and the relevant rules and guidelines issued by GoI from time to time. The respective Forest Divisional Officers/ District Forest Officers and Conservators of Forests have submitted processed proposal with recommendation in Part-II and Part-III respectively together with all relevant information/documents enclosed to the proposals. During the field inspection and as per the request of the User Agency, there is revision in the extent of forest areas required as per the field requirement and the final requirement is as follows:

| Sl. No.       | Name of the District    | Name of the Forest Division | Package No.                     | Forest Area in Ha | Revised Forest Area in Ha |
|---------------|-------------------------|-----------------------------|---------------------------------|-------------------|---------------------------|
| 1             | 2                       | 3                           | 4                               | 5                 | 6                         |
| 1             | Jayashanker Bhupalpally | Mahadevpur                  | Medigadda Barrage & Lift System | 338.4826          | 338.4826                  |
| 2             | Rajanna Sircilla        | Kaimnagar + Sircilla        | 9, 10                           | 445.9570          | 445.9565                  |
| 3             | Siddipet                | Siddipet                    | 10, 12, 14, 15                  | 1407.4388         | 1407.4390                 |
| 4             | Yadadri Bhongir         | Yadadri                     | 14, 15                          | 109.5740          | 109.5738                  |
| 5             | Medak                   | Medak                       | 18                              | 194.0710          | 194.0711                  |
| 6             | Nizamabad               | Nizamabad                   | 21, 22                          | 299.0630          | 323.3667                  |
| 7             | Kamareddy               | Banswada                    | 22                              | 104.1540          | 26.6844                   |
| 8             | Nirmal                  | Nirmal                      | 27                              | 322.5570          | 322.5574                  |
| <b>TOTAL:</b> |                         |                             |                                 | <b>3221.2974</b>  | <b>3168.1315</b>          |

**The brief facts of the processed proposal are as follows:**

**I. User Agency has furnished/ stated following information in Part-I:**

- Kaleshwaram Project is an off-shoot of Dr.B.R.A.P.C.S.S. Project after re-engineering by the Irrigation & CAD Department.
- Kaleshwaram project envisages diversion of water by constructing a barrage across River Godavari downstream the confluence of river Pranahitha and river Godavari at Medigadda near Kaleshwaram and constructing two more barrages between Sripada Yellampally Project and Medigadda at Annaram and Sundhilla to supply the water by lift. This project system is suitably modified to carry about 2.00 TMC per day and also proposed to be increased from 11.43 TMC to 147.71 TMC involving of 20 no's of reservoirs. The net availability of water at proposed barrage is assessed as **282.300 TMC** (as against requirement of 160 TMC) considering ongoing and proposed utilization through project (copy of assessment report enclosed). It is contemplated to irrigate a command area of 18,25,700 acres in 13 districts in Telangana State.
- Proposed for diversion of **3221.2974 ha (revised to 3168.1315 ha)** of forest land in 8 different forest divisions.
- **The division-wise abstract is as follows:**

| Sl. No. | Name of the District    | Name of the Forest Division | Package No.                     | Forest Area (in ha) |
|---------|-------------------------|-----------------------------|---------------------------------|---------------------|
| 1.      | Jayashanker Bhupalpally | Mahadevpur                  | Medigadda Barrage & Lift System | 338.4826            |
| 2.      | Rajanna Sircilla        | Kaimnagar + Sircilla        | 9, 10                           | 445.9570            |
| 3.      | Siddipet                | Siddipet                    | 10, 12, 14, 15                  | 1407.4388           |
| 4.      | Yadadri Bhongir         | Yadadri                     | 14, 15                          | 109.5740            |
| 5.      | Medak                   | Medak                       | 18                              | 194.0710            |
| 6.      | Nizamabad               | Nizamabad                   | 21, 22                          | 299.0630            |
| 7.      | Kamareddy               | Banswada                    | 22                              | 104.1540            |
| 8.      | Nirmal                  | Nirmal                      | 27                              | 322.5570            |
|         | <b>TOTAL:</b>           |                             |                                 | <b>3221.2974</b>    |

However, the User Agency in its letter Dt.21.02.2017 has submitted that in Package No.22 only 26.6844 Ha of forest land is required in Banswada Division of Kamareddy District and 4.1809 ha in Nizamabad Division of Nizamabad District. Further, in case of Package 21, the land required is 318.1238 ha in Nizamabad as against initially proposed of 297.902 ha.

**Therefore the final division-wise abstract of forest land required is as follows:**

| Sl. No. | Name of the District    | Name of the Forest Division | Package No.                     | Forest Area (in ha) |
|---------|-------------------------|-----------------------------|---------------------------------|---------------------|
| 1.      | Jayashanker Bhupalpally | Mahadevpur                  | Medigadda Barrage & Lift System | 338.4826            |
| 2.      | Rajanna Sircilla        | Kaimnagar + Sircilla        | 9, 10                           | 445.9565            |
| 3.      | Siddipet                | Siddipet                    | 10, 12, 14, 15                  | 1407.4390           |
| 4.      | Yadadri Bhongir         | Yadadri                     | 14, 15                          | 109.5738            |
| 5.      | Medak                   | Medak                       | 18                              | 194.0711            |
| 6.      | Nizamabad               | Nizamabad                   | 21, 22                          | 323.3667            |
| 7.      | Kamareddy               | Banswada                    | 22                              | 26.6844             |
| 8.      | Nirmal                  | Nirmal                      | 27                              | 322.5574            |
|         | <b>TOTAL:</b>           |                             |                                 | <b>3168.1315</b>    |

- The non-forest land required for the project is **31597.9281 Ha.**
- Cost of the project is Rs. 80,499.71 Crores (Approximately).
- It engages farmers and agricultural labor for a command area of 13 Districts.
- By providing industrial water, it is an incentive for setting up of various industries which supports employment generation for the people of various categories.
- Further, User Agency has conducted DGPS survey of forest lands and CA lands and furnished the maps and other concerned details.

- **The details of the non-forest CA lands identified are as follows:**

| District       | Division                 | Area in ha      |
|----------------|--------------------------|-----------------|
| Sircilla       | Karimnagar-Sircilla      | 1681.6814       |
| Jagtiyal       | Jagtiyal                 | 490.02          |
| Warangal Urban | Warangal Urban           | 177.775         |
| Siddipet       | Siddipet                 | 300.9609        |
| Peddapalle     | Peddapalle               | 820.8516        |
| Nalgonda       | Nalgonda + Nagarjunsagar | 646.77          |
|                | <b>Total</b>             | <b>4118.059</b> |

- Cost Benefit Analysis has been done by UA which is enclosed.
- **Environmental Aspects:** Project requires Environmental Clearance. The CE vide letter dated 25.03.2017 has informed that they have applied for EC under E(P)Act,1986 through offline and online mode. The unique number generated at Ministry's portal is IA/TG/RIV/6125/2016. The present status of the EC is obtained through Ministry's portal is enclosed.

**The following undertaking and certificates are submitted by UA:**

- Undertaking to bear one time cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as per the scheme prepared by the State Government in connection with the "proposed diversion of **3221.2974 ha (revised to 3168.1315 ha)** of Forest Land in various divisions of Jayashanker Bhupalpally, Medak, Kamareddy, Nizamabad, Nirmal, Rajanna Siricilla, Siddipet & Yadadri Bhongir Districts for the purpose of components such as canals, tunnels, lift systems, reservoirs, and distributory network for Kaleshwaram Project – Medigadda Barrage & Lift system and Packages- 9, 10, 12, 14, 15, 18, 21, 22, 27".
- Certified that the proposed forest area is essentially required for "proposed diversion of **3221.2974 ha (revised to 3168.1315 ha)** of Forest Land in various divisions of Jayashanker Bhupalpally, Medak, Kamareddy, Nizamabad, Nirmal, Rajanna Siricilla, Siddipet & Yadadri Bhongir Districts for the purpose of components such as canals, tunnels, lift systems, reservoirs, and distributory network for Kaleshwaram Project – Medigadda Barrage & Lift system and Packages- 9, 10, 12, 14, 15, 18, 21, 22, 27".
- Certified that the proposed forest area for diversion is the minimum and essentially required for "proposed diversion of **3221.2974 ha (revised to 3168.1315 ha)** of Forest Land in various divisions of Jayashanker Bhupalpally, Medak, Kamareddy, Nizamabad, Nirmal, Rajanna Siricilla, Siddipet & Yadadri Bhongir Districts for the purpose of components such as canals, tunnels, lift systems, reservoirs, and distributory network for Kaleshwaram Project – Medigadda Barrage & Lift system and Packages- 9, 10, 12, 14, 15, 18, 21, 22, 27".
- Undertaking to pay the cost of extraction of tree growth of the forest land proposed for diversion under the project as and when demanded by the forest authorities and also undertake to pay the additional amount if any due to escalation or any other charges at a later date as per the demand raised by the forest authorities in respect of "proposed diversion of **3221.2974 ha (revised to 3168.1315 ha)** of Forest Land in various divisions of Jayashanker Bhupalpally, Medak, Kamareddy, Nizamabad, Nirmal, Rajanna Siricilla, Siddipet & Yadadri Bhongir Districts for the purpose of components such as canals, tunnels, lift systems, reservoirs, and distributory network for Kaleshwaram Project – Medigadda Barrage & Lift system and Packages- 9, 10, 12, 14, 15, 18, 21, 22, 27".
- Certified that the proposed Non-Forest land selected for Compensatory Afforestation is in different blocks / and contiguous to Forest area and in close proximity of Forest areas and suitable from the Management and protection point of view.

- Undertaking to pay the Net Present Value (NPV) as arrived at by the Telangana Forest Department demands for the forest blocks for the scheme of "proposed diversion of **3221.2974 ha (revised to 3168.1315 ha)** of Forest Land in various divisions of Jayashanker Bhupalpally, Medak, Kamareddy, Nizamabad, Nirmal, Rajanna Siricilla, Siddipet & Yadadri Bhongir Districts for the purpose of components such as canals, tunnels, lift systems, reservoirs, and distributory network for Kaleshwaram Project – Medigadda Barrage & Lift system and Packages- 9, 10, 12, 14, 15, 18, 21, 22, 27".
- Undertaking to pay the Additional Net Present Value (NPV) as arrived at by the Telangana Forest Department demands for the forest blocks for the scheme of "proposed diversion of **3221.2974 ha (revised to 3168.1315 ha)** of Forest Land in various divisions of Jayashanker Bhupalpally, Medak, Kamareddy, Nizamabad, Nirmal, Rajanna Siricilla, Siddipet & Yadadri Bhongir Districts for the purpose of components such as canals, tunnels, lift systems, reservoirs, and distributory network for Kaleshwaram Project – Medigadda Barrage & Lift system and Packages- 9, 10, 12, 14, 15, 18, 21, 22, 27".
- Certified that no work has been carried out so far in the forest areas for "proposed diversion of **3221.2974 ha (revised to 3168.1315 ha)** of Forest Land in various divisions of Jayashanker Bhupalpally, Medak, Kamareddy, Nizamabad, Nirmal, Rajanna Siricilla, Siddipet & Yadadri Bhongir Districts for the purpose of components such as canals, tunnels, lift systems, reservoirs, and distributory network for Kaleshwaram Project – Medigadda Barrage & Lift system and Packages- 9, 10, 12, 14, 15, 18, 21, 22, 27" in violation of the provisions and amendments provided/ made under the F(C)A,1980.
- Certified that all the possibilities to avoid forest land for the project have been explored and it is found that no alternative suitable non-forest land is technically suitable and viable for "proposed diversion of **3221.2974 ha (revised to 3168.1315 ha)** of Forest Land in various divisions of Jayashanker Bhupalpally, Medak, Kamareddy, Nizamabad, Nirmal, Rajanna Siricilla, Siddipet & Yadadri Bhongir Districts for the purpose of components such as canals, tunnels, lift systems, reservoirs, and distributory network for Kaleshwaram Project – Medigadda Barrage & Lift system and Packages- 9, 10, 12, 14, 15, 18, 21, 22, 27".

**II. Reports of the Forest Divisional Officers and District Forest Officers in Part – II along with their inspection reports:**

**II (1). The Forest Divisional Officer, Mahadevpur submitted following information in Part-II and Site Inspection Report.**

- The Forest Divisional Officer, Mahadevpur has inspected the proposed diversion area on **23.02.2017, 01.03.2017 and 03.03.2017.**
- The area proposed in Mahadevpur forest Division is **338.4826 ha.**
- Purpose-wise break up of forest land is detailed below:

| S.No | Component                    | Area in Ha.     | Remarks.  |
|------|------------------------------|-----------------|---|
| 1    | Pressure main                | 26.2599         |   |
| 2    | Delivery cistern             | 15.5639         |   |
| 3    | Power line 1 of 220 kV line. | 4.5458          | RoW for laying 220 kV is taken as 35.00 M which is as per the specification issued by MoEF&CC, GoI vide Lr.No.7-25/2012-FC, dt.05.05.2014 |
| 4    | Power line 2 of 220 kV line  | 23.1054         |   |
| 5    | Gravity Canal                | 239.0592        |   |
| 6    | Gravity Canal 2              | 29.9484         |   |
|      | <b>Total</b>                 | <b>338.4826</b> |   |

- The area proposed for diversion is mostly passing in R.F. The terrain is plain to undulating, which is slightly vulnerable to erosion.

- Proposed for construction of Barrages Gravity canals, Delivery Cistern Power line, Pressure Main Gravity Canal and Power line involving in Kaleshwaram Project Mahadevpur are passing through the Mahadevpur reserve forest of Mahadevpur range.
- The legal status of the said forest area proposed is as follows for diversion :
  - Area 0.3223 of Compartment No.248 of Kannepally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 7.9273 of Compartment No. 249 of Kannepally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 18.0393 of Compartment No. 247 of Beerasagar(N) Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 dt.19-12-53
  - Area 14.0381 of Compartment No. 248 of Kannepally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 1.5471 of Compartment No. 249 of Kannepally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 1.7826 of Compartment No. 248 of Kannepally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 2.6908 of Compartment No. 247 of Beerasagar(N) Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 5.8289 of Compartment No. 253 of Kaleshwaram Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 1.0050 of Compartment No. 254 of Kaleshwaram Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 9.2216 of Compartment No. 252 of Sandrupally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 2.8034 of Compartment No. 251 of Sandrupally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 2.6331 of Compartment No. 248 of Kannepally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 2.8540 of Compartment No. 249 of Kannepally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 40.7921 of Compartment No. 253 of Kaleshwaram Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 2.2408 of Compartment No. 254 of Kaleshwaram Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 67.4293 of Compartment No. 252 of Sandrupally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 23.7442 of Compartment No. 251 of Sandrupally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 18.8204 of Compartment No. 250 of Sandrupally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 41.1644 of Compartment No. 248 of Kannepally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 7.3772 of Compartment No. 246 of Annaram(N) Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 16.7510 of Compartment No. 245 of Annaram(N) Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 19.5208 of Compartment No. 249 of Kannepally Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
  - Area 29.9489 of Compartment No. 235 of Annaram(S) Beat in Mahadevpur R.F, notified U/s.15 vide G.O. No.1230 „Dt 19-12-53
- The approximate distance of proposed site for diversion from boundary to forest 500 m to 1km.
- The said proposed area for diversion **does not form part of** National Park, Wildlife Sanctuary, Biosphere reserve, Tiger reserve, Elephant Corridor etc.
- No rare / endangered / unique species of flora and fauna are found in the forest area proposed for diversion.

- There are no protected Archaeological / Heritage site / defense establishment or any other important monument in the forest area proposed for diversion.
- The requirement of forest land as proposed by the user agency in col.2 of Part-I is unavoidable and barest minimum for the project. During field inspection it is further noticed that, the area proposed for diversion as per field verification is **338.4826 Ha.**
- Most of the vegetation in the linear stretch is degraded and coppice growth. The average density of vegetation is about **0.3-0.4** as taken by the densiometer. The major flora existing are T.Mogili, N.Maddi, Pala,Bojja, Gudipala, Sandra, Kodisha, Dummpidi, Korry, Morri, karaka, eppa, Jetregi, Vepa, Teak etc.
- The major fauna in the said area are Melursus ursines (Sloth Bear), Hysterix indica (Porcupine), Lepus Nigricollis (Hare), Sus scropha (Wild Boar), Pavo cristatus (Indain Peafowl), Glaucidium radiatum (Jungle Owlet), Axis Axis (Spotted deer), Chowsinga, Kondagorre, Nilgai, Sambar, Monitor litard, Greyhornbills, owlets.etc.
- **Enumeration of Tree Growth:** The enumeration of tree growth was taken up based on sampling technique and the sample points were communicated by the Geomatics centre, office of the Prl. Chief Conservator of Forest (HoFF), Hyderabad for Medigadda barrage and Lift system . The yield particulars of tree growth enumeration for 92,575 trees and 1,03,576 poles as per the report submitted by the Forest Range Officer- Mahadevpur of Jayashankar-Bhupalpally districts are as follows:

| S. No | Package                           | Range      | Timber (cum) | Fuel (cum) | Value of timber, fuel and poles (Rs. in lakh) |
|-------|-----------------------------------|------------|--------------|------------|---|
| 1     | Medigadda barrage and Lift system | Mahadevpur | 10279.19     | 11225.31   | 1668.569                                      |

- **Work in violation of Forest (Conservation) Act, 1980 taken place:** The violation was committed on 06.03.2017 after which a case was registered against (Sub-Contractor Medigadda barrage) Sri.Samudrala Thirupathi, vide POR.No.23/85, Dt:06.03.2017 for Earth work excavation, and 'C' fees is also, collected for Rs.50,274/- for the violation by the contractor vide MR.No.0235830/4717, dt:06.03.17 and remitted in to the SBH Branch Kataram vide Challan No.200812, dt:07.03.2017 and at present no work is being taken up.
- The Collector, Jayashankar District vide Rc.No. B/1778/2016, Dt.27.02.2017 has issued RoFR certificate **in Form-II** (for projects other than Linear Projects) certifying that the complete process for identification and settlement of rights under FRA has been carried out for the **entire 338.4826 Ha of forest area.**
- **The Forest Divisional Officer, Mahadevpur has enclosed the site inspection report.**

**The Forest Divisional Officer, Mahadevpur has recommended the proposals in Part II subject to the fulfillment to the following conditions:**

- i. User Agency has to fence the area on both sides of the forest which is getting fragmented due to the project by chain link fencing, peripheral trench and install boundary pillars. The chain link fencing is to be down by the user agency over a length of (13 Km x 2 = 26 Km, along the diverted area + 10 Km along the road) = 36 Km. The technical specification of fencing, boundary pillar will be given by forest department and the user agency will execute the work by installing 5 security gates at areas as specified by the forest department.
- ii. User Agency will provide water from the canal at appropriate places by creating small diversion canals, so that they can be used for forestry purposes like nursery, water holes, PT's etc. the location of the water requirement to be given by the forest department at the time of execution of the project.

- iii. Engaging of protection watchers 15 members (5 camps of 5 each) for 5 years "5x7500 per month X 60 months, for protecting the fragmented forest areas.
- iv. Construction of 3 protection cum supervisory hut 3 No's for the protection watchers.
- v. Material shed in Govt. timber depot for storing felled trees for sale including security room, maintenance for 2 years.
- vi. Engaging of Technical officer and computer operator 3 No's for 5 years for planning of SMC works, fencing and other technical works.
- vii. Catchment area treatment to the SMC works like SCT's, PT'S, and CD's are to be taken in the affected area.
- viii. Construction of interpretation center including 5 years maintenance to sensitize people about the importance of forests.
- ix. Mahindra Jeep's 2 No's for protection and monitoring purpose to be procured by the user agency and handed over to FDO, Mahadevpur.
- x. For monitoring the plantations works by senior forest officers one Innova and one Scorpio is to be procured by the User Agency and to be handed over to FDO, Mahadevpur.
- xi. User Agency has to construct 3 bedroom camping facility 2 No's for the senior officers at their own cost. The technical specification will be given by Forest Department.
- xii. Nursery infrastructure for raising plants – 30 Lakhs.
- xiii. Bunds formed due to the canals are to be planted by suitable plants which will be taken up by the Forest Department at the cost of the User Agency.
- xiv. Administrative and monitoring cost 10%.

**II (2). The District Forest Officer, Karimnagar + Sircilla has submitted following information in Part-II and Site Inspection Report.**

- Proposed for diversion of forest land for Package-9 and 10 is **445.9565 Ha.**
- The Kaleswaram project is envisaged to convey water to the command area spread over in 13 districts of Telangana State for irrigating ayacut of 18,25,700 acres and providing drinking water facility to the cities of Hyderabad & Secunderabad and en-route villages being executed in (28) packages.
- The area of forest land proposed for diversion are as follows:

| Package No. | Range       | Section    | Beat            | RF                 | Compt. No. | Area (Ha)       | Area notified under   |
|-------------|-------------|------------|-----------------|--------------------|------------|-----------------|---|
| 09          | Ch. Mallial | Konaraopet | Konaraopet West | Sircilla           | 175/1      | 8.6617          | U/s. 15 vide Gazette No. 32/72                                |
|             |             |            |                 |                    | 175/2      | 1.5113          |   |
|             |             |            |                 |                    | 176/1      | 5.0342          |   |
|             |             |            |                 |                    | 176/2      | 5.8000          |   |
|             |             |            |                 |                    | 177        | 3.6995          |   |
|             |             |            |                 |                    | 178/1      | 4.7115          |   |
|             |             |            |                 |                    | 178/2      | 45.9532         |   |
|             |             |            |                 |                    | 179/1      | 52.2055         |   |
|             |             |            |                 |                    | 179/3      | 136.1968        |   |
|             |             |            |                 |                    | 180/1      | 11.3786         |   |
|             |             |            |                 |                    | 180/2      | 18.2248         |   |
|             |             |            | Nizamabad       | Sircilla extn      | 179/3      | 35.7614         | Under Section 4 vide Gazette No.178, Dt.5.02.1970             |
|             |             |            |                 | <b>Sub-Total</b>   |            | <b>329.1385</b> |   |
| 10          | Sircilla    | Sircilla   | Peddalingapur   | Anantharam-III     | 429        | 13.3692         | U/s.4, vide G.O.No. 1419, Dt.7.7.1970                         |
|             |             |            |                 |                    | 430        | 43.4961         |   |
|             |             |            |                 | Anantharam-V       | 433        | 59.9527         | U/s.4, vide G.O. No. 1150 Food & Agri. (For.III), Dt.7.8.1971 |
|             |             |            |                 | <b>Sub-Total</b>   |            | <b>116.818</b>  |   |
|             |             |            |                 | <b>Grand Total</b> |            | <b>445.9565</b> |   |

- The sites at Packages – IX & X are falling along boundaries of the Reserve Forest blocks with other non-forest areas.
- The proposed forest area consists of open forest with average canopy density 0.1 to 0.4/ 0.5 as taken by densitometer and the prominent species are *Albezia amara*, *Azadirachta indica*, *Cassia fistula*, *Butea monosperma*, *Chloroxylon swietenia* etc., with frequent rocks and bounders.
- The proposals are for construction of reservoirs for water storage purpose are proposed in between the hill areas and hence there is chance of soil erosion and affect slope stability of the hillocks. The FRL of Malkapet Reservoir (package – IX) is 432.5 m and that of Ananthagiri Reservoir is 397.0 m. Hence, User Agency is required to take up suitable slope stability measures keeping in view of the stability of total hilly areas as the areas proposed are under submergence and simultaneously, the suitable afforestation activities are also proposed in the remaining forest areas in CA- Scheme in detail.
- The proposed area for diversion **does not form part of** National Park, Wildlife Sanctuary, Biosphere reserve, Tiger reserve, Elephant Corridor etc.
- No Rare / Endangered / Unique Species of Flora and Fauna are found in the forest area proposed for diversion.
- There are no Protected Archaeological / Heritage Site / Defense Establishment or any Other Important Monument in the forest area proposed for diversion.
- The major fauna in the said area are *Panthera pardus* (Panther), *Melursus ursines* (Sloth Bear), *Hysterix indica* (Porcupine), *Lepus nigricollis* (Hare), *Sus scropha* (Wild Boar), *Pavo cristatus* (Indain Peafowl), *Glaucidium radiatum* (Jungle Owlet), *Terpsiphone paradise* (Paradise Flycatcher) etc.
- The requirement of forest land is unavoidable as per the proposals submitted by User Agency and technical details involved in the project.
- **Enumeration of Tree Growth:** The enumeration of tree growth was taken up based on sampling technique and the sample points were communicated by the Geomatics centre, office of the Prl. Chief Conservator of Forest (HoFF), Hyderabad for packages – IX & X. The yield particulars of tree growth enumeration as per the report submitted by the Forest Range Officer- Siricilla and Forest Range Officer – Chandurthi mallyal of Rajanna Siricilla districts are as follows:

| S. No | Package      | Range     | Timber (cum)     | Fuel (cum)       | Value (Rs. in lakh) |
|-------|--------------|-----------|------------------|------------------|---------------------|
| 1     | Package - IX | Siricilla | 8002.3003        | 43701.088        | 1743.4200           |
|       |              | C.Mallyal | 80.8956          | 315.368          | 12.6300             |
| 2     | Package - X  | Siricilla | 1726.8183        | 12134.47         | 168.0000            |
|       |              |           | <b>9810.0142</b> | <b>56150.926</b> | <b>1924.050</b>     |

Proposed for tree growth extraction with a cost of Rs.291.500 lakh in both the packages.

#### **The details of site inspection report:**

##### **Package – IX:**

- This Package consists of diversion of 329.1385 ha of Forest land in Rajanna Siricilla District. This package consists of two components (a) Malkapet reservoir (280.478 ha) and (b) Gravity canal for a length of 4.949 km which involves diversion of 48.6599 ha. The cost involved is Rs.926.20 crores.
- The site inspection was conducted on 19-02-2017 and test checked the boundary demarcation at stations of proposed reservoir and gravity canal.
- It is observed that the majority of the proposed area is falling in Siricilla forest block which is contiguous forest block with dense miscellaneous mixed forest with canopy density of about 0.4. Further, the gravity canal is passing through the Siricilla forest block and its alignment is from the points R002/L200 to RS231/LS23 as shown in the map and it is passing through forest block duly leaving a patch of about 100 ha isolated from the contiguous Siricilla forest block near Akkapally tanda.

- Hence, this patch of Forest land is to be protected in view of wild life, encroachments. Suitable measures for protection with chain link fencing and wild life passages with a width of about 10.0 mts each at 1.0km length are proposed from one side of gravity canal to the other side, so as to have access to the wild life in to the rest of forest area along with Avenue plantation of 5 rows on either side of canals were proposed in the CA scheme.

**Package – X:**

- This package consists of proposed diversion of 116.818 ha in Anantharam-III & V forest blocks.
- Area proposed for diversion for construction of Ananthagiri Reservoir (3.5 TMC capacity) for an Ayacut of 30,000 Acres and construction of Surge pool (56 Mtrs., dia and 90 mtrs., depth) and conveyor system including canals, tunnel, lift system with one additional pump etc., which involved an area of 116.8179 Ha., of forest land in Compartment No. 429, 430, 433 of Anantharam-III and Anantharam-V Forest Block of Siricilla Forest Range.
- The forest is of open with canopy density from 0.1 to 0.3. The cost involved is Rs.2715.35 crores.
- Inspected the area ha on 20-02-2017 and test checked the boundary demarcation of Ananthagiri Reservoir and sample plots meant for growth enumeration as specified in the inspection notes. The area is falling in between the hillocks of comp no.433, 430 & 429 up to FTL of 360 m. Since, the parts of the above compartments are involved with a narrow strip from stations n38 to n80, boundary pillars along with chain link fencing are proposed for the demarcation of the remaining forest area. Further, as per the report submitted by the FRO-Siricilla vide Rc.No.MMR/2017/SRL, Dt: 30-01-2017, there was construction of surge pool and other structures in an area of 3.9694ha (say 4.0 ha) in package – X. A notice was served to User Agency vide Rc.No. on 23-02-2017. The reply is awaited from user agency.
- **Work in violation of Forest Conservation Act taken place:** As per the report submitted by the FRO-Siricilla vide Rc.No.MMR/2017/SRL, Dt: 30-01-2017, there was construction of surge pool and other structures in an area of 3.9694 ha in package – X. In this regard, a notice was served to the user agency on 23-02-2017. The reply is awaited from the user agency.
- **Compensatory Afforestation:** Irrigation Department has identified the Non-Forest land to an extent of 1681.68 ha in Rajanna Siricilla District. Site suitability certificates of CA lands for 1400 ha issued by DFO are enclosed. CA Scheme has been prepared for an amount of Rs.11536.1073 Lakhs.

**The District Forest Officer, Karimnagar + Siricilla has recommended the proposals in Part II for diversion of 445.9565 ha of forest land in Package – IX (329.1385 ha) and package – X (116.818 ha) in Rajanna Siricilla district with following specific recommendations:**

- i. User Agency shall take up soil moisture conservation works and catchment area treatment plan for the overall protection and improvement of the forest land in and around the diverted forest land area at the tentative unit rate of Rs.5000.00 per ha and to bear the cost of such proposals.
- ii. User Agency shall supply water free of cost to the identified major locations to cater the needs of forest in and around the diverted forest areas.
- iii. In package - IX, a gravity canal is proposed for a length of about 4.949 km which is separating an area of about 100 ha in compt no. 176/2 from the Siricilla Forest Block as shown in the map, which affect the movement of wild life and there are chances of encroachments at later date, as it will become isolated patch. Hence, it is proposed for boundary protection of the area keeping in view of wild life movement and susceptibility for encroachment. Further, in compartment 179/3 in Siricilla (extn.) Forest block, an area of about 200 ha will get isolated due to submergence rest of forest area in the compartment and chain link fencing is proposed for protection of this area near Dharmaram village.

**II (3) The District Forest Officer, Siddipet has submitted the following information in Part-II and Site Inspection Report:**

- Proposed for diversion of 1407.439 ha Forest Land for Packages No.10, 12, 14 and 15 of Kaleshwaram Project for Excavation of Canals, Tunnels, Surge Pool, Delivery Cistern, non-over flow dams (Sri Komaravelli Mallanna Sagar, Ananthagiri reservoir, Gandhamalla reservoir, Kondapochamma reservoir), LMC & RMC gravity canals etc).
- The extent of forest areas involved are as follows:

| Sl.No.   | Package No. | RF Name             | Compt No. | Area Diverted |
|--|-------------|---------------------|-----------|---------------|
| 1.   | 10          | Allipur             | 234       | 14.4112       |
| 2.   | 12          | Kistapur            | 49        | 70.062        |
| 3.   |             | Sirsingandla Ext    | 254       | 100.5328      |
| 4.   |             | Sirsingandla        | 255,      | 59.6371       |
| 5.   |             | Sirsingandla        | 257       | 137.2416      |
| 6.   |             | Sirsingandla        | 256       | 30.2242       |
| 7.   |             | Sirsingandla        | 258       | 77.7737       |
| 8.   |             | Vemulghat           | 247       | 245.7590      |
| 9.   |             | Vemulghat           | 248       | 89.4317       |
| 10.  |             | Vemulghat           | 246       | 221.1714      |
| 11.  |             | Vemulghat           | 245       | 137.4771      |
| 12.  |             | Vemulghat Ext - III | 252       | 17.179        |
| 13.  |             | Vemulghat Ext - IV  | 253       | 40.5930       |
| 14.  |             | Vemulghat Ext - I   | 250       | 36.0821       |
| 15.  |             | Vemulghat Ext - II  | 251       | 33.3529       |
| 16.  |             | Yerraipally         | 244       | 20.0597       |
| 17.  |             | Yerraipally         | 242       | 10.8755       |
| TOTAL  |             |                     |           | 1327.4528     |
| 18.  | 14          | Bailampur           | 278       | 23.7598       |
| 19.  |             | Narsampally         | 279       | 2.3301        |
| 20.  |             | Narsampally         | 281       | 1.9355        |
| 21.  |             | Thanedarpally       | 277       | 26.6230       |
| 22.  |             | Indupriyal          | 203       | 4.0553        |
| TOTAL  |             |                     |           | 58.7037       |
| 23.  | 15          | Peerlapally         | 269       | 6.8711        |
| TOTAL PROJECT AREA FALLING IN SIDDIPET FOREST DIVISION |             |                     |           | 1407.439      |

- Legal Status of the notified Forests are as follows:
  - Forest areas notified under Telangana Forest Act,1967 are:
    - Allipur RF (Compt. No. 234) notified U/s 4
    - Kistapur RF (Compt No. 249) notified U/s 15
    - Sirsinagandla Ext. (Compt.254) notified U/s15
    - Sirisinagandla (Compt No. 255,256,257,258) notified U/s29
    - Vemulghat Ext-III (Compt No. 252) notified U/s4
    - Vemulghat Ext-IV (Compt No. 253) notified U/s4
    - Vemulghat Ext-I (Compt No. 250) notified U/s4
    - Vemulghat Ext-II (Compt No. 251) notified U/s4
    - Erraipally (Compt No. 244, 242) notified U/s4
    - Bailampur (Compt No. 278) notified U/s15
  - Forest areas notified under Hyderabad Forest Act, 1355 fasli are:
    - Vemulghat (Compt No. 247,248,246,245) U/s19
    - Narsampally (Compt No. 279, 281) notified U/s 18
    - Tanedarpally (Compt No. 277) notified U/s19
    - Indupriyal (Compt No. 203) notified U/s 18
    - Peerlapally (Compt No. 269) notified U/s19

- The forests are Dry Deciduous Forests with 0.2 to 0.4 canopy density.
- There are no endangered/rare/unique species of flora and fauna present in the area.
- Wildlife found in the area are wild boars, Chousingha, Jackal, Fox, Nilgai, Spotted Deer, Hare, Jungle Fowls, Pythons, Snakes, Mongoose, Bear, Civet Cat etc.
- Dominant floral species in the areas are 1) Ippa 2) Nalla Maddi 3) Tella Bitra 4) Vepa 5) Vagu Maddi 6) Aare 7) Chennangi 8) Danthi etc.
- There is no Protected Archeological/ Heritage Site/ Defense Establishment or any important monument located in the area.
- The proposed area does not form part of National Park, Wildlife Sanctuary, biosphere reserve, tiger reserve, Elephant corridor, etc.,
- No work is started as on date and there is no violation of F(C) Act, 1980.
- **Enumeration of trees:** As per the enumeration carried out using stratified random sampling techniques, about 879482 trees are required to be removed from the said area.
- The inspection reports of the forest areas to be diverted are enclosed.
- The proposal is examined in the light of guidelines issued by the Government of India under Scheduled Tribes and other Traditional Dwellers (recognition of Forest Rights) Act 2006 Vide Lr.No.11-9/1998-Fc (Pt) Dt.03.08.2009 and 05.07.2013 is examined and there are no claims under RoFR Act in the proposed areas for diversion and as such it does not attract the provisions of the RoFR Act 2006. The necessary certificate in Form-II issued by the District Collector along with the resolutions of Division Level Committee and Sub - Divisional level Committee and the Gram Panchayath are enclosed herewith.
- The surveyed maps of proposed Forest area are enclosed herewith.
- **Compensatory Afforestation:** As against the forest land proposed for diversion, User Agency has identified 304.245 ha of non-forest land for compensatory afforestation. The details are as follows:

| SI No | Mandal     | Village         | Survey No.   | Area in Ha.    |
|-------|------------|-----------------|--------------|----------------|
| 1     | Akkannapet | Gandipally      | 97.00        | 22.7794        |
| 2     | Bejjanki   | Regulapally     | 403          | 57.9251        |
| 3     | Cherial    | Kadaveru        | 403          | 47.8675        |
| 4     | Kondapak   | Giraipally      | 836          | 31.6079        |
| 5     | Husnabad   | Mirzapur        | 171          | 9.377          |
| 6     | Husnabad   | Keshavapur      | 154          | 21.08          |
| 7     | Koheda     | Shanigaram-I    | 1348         | 31.59          |
| 8     | Koheda     | Shanigaram-II   | 1348         | 20.978         |
| 9     | Koheda     | Gundareddypally | 72           | 61.0401        |
|       |            |                 | <b>Total</b> | <b>304.245</b> |

Site inspection of above CA lands has been carried out along with the Forest Range Officer on 06.02.2017, 23.02.2017, 08.03.2017 & 12.03.2017. The proposed Compensatory Afforestation land is hilly and stony interspersed sporadically with trees & shrubs. Therefore, CA scheme has been prepared for 140.245 ha and in balance 164.00 ha it is proposed for taking up SMC works besides protecting the same. Further, compensatory afforestation is proposed for an area of 164.00 ha in degraded reserved forest land.

**The financial outlay of the CA scheme is Rs.2984.59 Lakhs and the CA Scheme is enclosed.**

- Project proposal is useful to the people of Telangana for improving the irrigation facilities to their Agricultural fields and also to cater to the needs of drinking water and industrial requirements.

**The DFO, Siddipet has recommended the proposal in Part-II subject to following conditions:**

- i. The felling of trees to be restricted to the extent only where it is necessary to remove.
- ii. Work shall be taken up only during day time i.e. after sunrise to sunset only.
- iii. The felled material (trees, fuel timber and pulp if any) is the property of the Department and the User agency shall bear the felling, transportation charges, etc.
- iv. Supply of water for forestry activities and wildlife purpose.
- v. User Agency shall erect pillars on the boundary of the proposed area for diversion at every 20 Mt.

**II(4) The District Forest Officer, Yadadri - Bhuvanagiri has submitted following information in Part-II and Site Inspection Report.**

- The Forest Divisional Officer, Yadadri-Bhuvanagiri has inspected the proposed diversion area on **20.02.2017**.
- The area proposed in Yadadri-Bhuvanagiri forest division is **109.5738** ha.
- Details of forest areas proposed for diversion in Yadadri Forest Division of Bhuvanagiri District are as follows.

| Sl. No | Name of the Forest Block | Area proposed for diversion in (Ha) | Legal status - Notified         |
|--------|--------------------------|-------------------------------------|---------------------------------|
| 1      | Vasalamarri-I            | 1.5869                              | U/s 19 of Hyderabad Forest Act. |
| 2      | Vasalamarri-III          | 3.6455                              | U/s 19 of Hyderabad Forest Act. |
| 3      | Srinivasapur             | 3.7643                              | U/s 18 of Hyderabad Forest Act. |
| 4      | Narsapur                 | 3.7814                              | U/s 19 of Hyderabad Forest Act. |
| 5      | Veerareddypally I        | 96.7957                             | U/s 18 of Hyderabad Forest Act. |
|        | <b>TOTAL</b>             | <b>109.5738</b>                     |                                 |

- Density of vegetation is less than 0.4 (tropical dry deciduous forest).
- Species wise and diameter class wise abstract of trees in the areas proposed for diversion is enclosed in the prescribed proforma. As per the sample enumeration, there are 209586 trees to be extracted from the area proposed for diversion. However, it is proposed to extract 10977 trees only and the balance trees will be retained as these are submerged in the proposed tank.
- As the area proposed for storage reservoir and excavation of canals only and the existing tree growth will be retained and no felling proposed in the area proposed for Gandhamalla Storage reservoir except canals. Hence, there is no much prone to erosion.
- There are no Rare/Endangered/ Unique Species of Flora and Fauna in the area proposed for diversion.
- There is no Protected Archaeological Heritage Site/Defense Establishment or any other important monument is located in the area.
- The area **does not form part** of National park, Wildlife sanctuary, Bio sphere Reserve, Tiger Reserve, Elephant Corridor, etc.

- As reported in the Site Inspection Report, if the proposed forests lands diverted, the impact on the adjoining reserve forest is negligible.
- The area required by the user agency is unavoidable and barest minimum for the project.
- **No work in violation** of Forest (Conservation) Act, 1980 taken place.
- The District Collector, Yadadri Bhuvanagiri vide Rc.No.F/671/2016 dated 02.03.2017 has issued RoFR certificate **in Form-II** (for projects other than Linear Projects) certifying that the complete process for identification and settlement of rights under FRA has been carried out for the **entire 109.5738 Ha of forest area**.

**The District Forest Officer, Yadadri - Bhuvanagiri has recommended the proposal subject to the fulfillment of the following conditions:**

- The felling of trees may be restricted to the extent only where it is necessary to remove.
- The felled material (trees, fuel timber, pulp, if any) is the property of the Department and the User Agency shall bear the cost of felling, transpiration charges etc
- User Agency shall erect the pillars separating the proposed area for diversion at every 50 M interval or at clear visibility on both left and right sides of canal.
- The NPV, extraction charges and tree value as estimated shall be paid by the User Agency.
- An area of 14 Ha old Eucalyptus plantations and 10 Ha Kanuga plantations coming under the submergence. Therefore, in view of the submergence of 24 Ha, plantation in equivalent degraded forest land is proposed for which the User Agency should bear the cost of raising of plantation and 10 years maintenance for Rs.62.408 lakh.

**II (5) The District Forest Officer, Medak has submitted the following information in Part-II and Site Inspection Report:**

- Proposed for diversion of 194.0711 ha Forest Land for Package 18 of Kaleswaram Project for excavation of water conveyor system from Gundureddipally to Haldi vagu; and then to carry the balance water upto Manoharabad.
- The extent of forest areas involved are as follows:

| Sl. No.        | Name of the Range | Name of the Reserve Forest            | Area (in Ha)    | Legal Status  |
|----------------|-------------------|---------------------------------------|-----------------|---|
| 1              | Toopran           | Mangalparthy-II, Compt.No.49, 51 & 52 | 70.1413         | Notified U/s.15 and 4 of Telangana Forest Act, 1967 |
| 2              | Toopran           | Yeldurthy, Compt.No.41, 42 & 44       | 30.1656         | Notified U/s.19 of Hyderabad Forest Act, 1355 F     |
| 3              | Toopran           | Hastalpur-I, Compt.No.45              | 45.5127         | Notified U/s.4, of Telangana Forest Act, 1967       |
| 4              | Toopran           | Manoharabad, Compt.No.46              | 31.5324         | Notified U/s.4, of Telangana Forest Act, 1967       |
| 5              | Toopran           | Mangalparthy-I, Compt.No.53           | 1.5556          | Notified U/s.4, of Telangana Forest Act, 1967       |
| 6              | Narsapur          | Pillutla, Compt.No.315                | 45.5127         | Notified U/s.4, of Telangana Forest Act, 1967       |
| <b>Total :</b> |                   |                                       | <b>194.0711</b> |   |

- The forest are Dry Mixed Forests with 0.2 to 0.3 canopy density.
- There are No Endangered/Rare/Unique Species of Flora and Fauna present in the area.
- Wildlife found in the area are Wild Boars, Chousingha, Jackal, Fox, Nilgai, Spotted Deer, Hare, Jungle Fowls, Pythons, Snakes, Mongoose, Bear, Civet Cat etc.
- Dominant species in the areas are 1) Allaneredu (*Syzygrum cumini*) 2). Bhahuniya (*Bauhinia purpurea*) 3) Bittuga (*Chloroxylon swietnia*) 4) Danthi (*Baliospermum montanum*) 5) Gumpena (*Lannea coromandelica*) 6) Illintha (*Diospyros chloroxylon*) 7) Jeedi (*Semecarpus anacardium*) 8) Kanuga (*Pongamia pinnata*) 9) Karaka (*Terminilia chebula*) 10) Moduga (*Butea monosperma*) 11) Narlinga (*Albizia Amara*) 12) Nemalinara (*Holoptelea integrifolia*) 13) Pala Kodisha (*Wrightia tinctoria*) 14) Ponna (*Calophyllum inophyllum*) 15) Rela (*Cassia fistula*) 16) Seethaphal (*Annona Squamosa*) 17) Soppera (*Dalbergia paniculata*) 18) Tapsi (*Sterculia urens*) 19) Teak (*Tectona granids*) 20) Billudu(*Chloroxylon switanea*) 21) Tuniki (*Diospyros melanoxylon*) 22) Udugu (*Alangium salvifornium*) 23) Vepa (*Azadirachta indica*) etc.
- There is no Protected Archeological/ Heritage Site/ Defense Establishment or any important monument located in the area.
- The proposed area does not form part of any National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor, etc.,
- No work is started as on date and there is no violation of F(C) Act, 1980.
- **Enumeration of trees:** about 32283 trees are required to be removed from the said area.
- The inspection reports of the forest areas to be diverted are enclosed.
- The proposal is examined in the light of guidelines issued by Government of India under Scheduled Tribes and other Traditional Dwellers (recognition of Forest Rights) Act 2006 Vide Lr.No.11-9/1998-Fc (Pt) Dt.03.08.2009 and 05.07.2013 is examined and there are no claims under RoFR Act in the proposed areas for diversion and as such it does not attract the provisions of the RoFR Act 2006. The necessary certificate in Form-I issued by the District Collector along with the resolutions of Division Level Committee and Sub - Divisional level Committee and the Gram Panchayath are enclosed herewith.
- The surveyed maps of proposed Forest area are enclosed.
- Project proposal is useful to the people of Telangana in improving the irrigation facilities to their Agricultural fields and also to cater to the needs of drinking water and industrial requirements.

**The DFO, Medak has recommended the proposal in Part-II subject to following conditions:**

- i. The felling of trees to be restricted to the extent only where they are necessary to be removed.
- ii. Work shall be taken up only during day time i.e. after sunrise to sunset only.
- iii. Translocation of trees is to be done for desirable species. The translocation charges are to be borne by the user agency.
- iv. The felled material (trees, fuel timber and pulp if any) is the property of the Forest Department and the User agency shall bear the felling, transportation charges, etc.
- v. Supply of water for forestry activities and wildlife purpose.

**II (6) The Forest Divisional Officer, Nizamabad has submitted the following information in Part-II and Site Inspection Report:**

- The Forest Divisional Officer, Nizamabad has inspected the forest area proposed for diversion for construction of link canal, Tunnels, Reservoir involving in Kaleshwaram Project area on 28.02.2017, 04.03.2017 & 20.03.2017.
- The proposed alignment is passing through Compt.No.140, 147, 149, 150, 151 and 158 of Manchippa R.F.
- The species found are Teak, Ippa, Moduga, Gumpena, Vepa, Nallamaddi, Palakodisha, Morri, Danthi, Chennangi, Kanuga, Jeedi etc.

- Density of vegetation is 0.4 to 0.7 and also scrub and open forest less than 0.5
- Total 54193 Nos of trees and 17694 Poles to be felled in the proposed area.
- The fauna found in this area are Spotted Deer, Neelgai, Pea fowl, Wild boar and Bears etc.
- There is a scope of soil erosion and hence catchment area treatment plan is prepared and enclosed.
- The area **does not fall in** Wildlife Protected Areas and there is no Archeological Heritage Site, Important Monuments in the proposed alignments.
- There is no Rare/Endangered/Unique Species of Flora and Fauna found in the area proposed to be diverted.
- There is no Protected Archaeological/Heritage Site/Defense Establishment or any Other Important Monument is located in the proposed area.
- The requirement of forest land is **323.3667 Ha in Nizamabad Division** is unavoidable and found minimum for this project.
- **No work in violation** of Act has been carried out.
- The District Collector, Nizamabad vide Rc.No.E1/505/2017 dated 17.03.2017 has issued RoFR certificate **in Form-II** (for projects other than linear projects) certifying that the complete process for identification and settlement of rights under FRA has been carried out for the **entire 323.3667 Ha of forest area**.

**The Forest Divisional Officer, Nizamabad has recommended the proposal subject to the fulfillment to the following conditions:**

- i. The Legal status of the Reserve Forest land proposed to be diverted does not change.
- ii. The User Agency shall pay an amount of Rs.170.743 lakhs towards implementation of **Catchment area treatment (CAT) plan** in the Reserve Forest Areas adjoining the proposed diverted area for Construction of Reservoir, Pipe line and Tunnel pertaining to Kaleshwaram project in package 21 & 22.
- iii. Any other conditions imposed by Forest Divisional Officer, Nizamabad from time to time shall be followed by the User Agency.

**II (7) The Forest Divisional Officer, Banswada submitted the following information in Part-II and Site Inspection Report:**

- The Forest Divisional Officer, Banswada has inspected the proposed diversion area on **01.03.2017**.
- The area proposed in Banswada forest division is **26.6844 ha**.
- The proposed alignment is passing through Compt.No.460 and 463 of Machippa R.F.
- The legal status of the forest: Manchippa forest block notified u/s 19 of A.P.Forest Act, 1355 F.
- The density of vegetation is II A Southern Tropical Dry deciduous forests as per Champion and Seth classification.
- The species found in the area are Moduga, vepa, Teak, Ippa, Maddi, Morri, Peltophorum, Jeedi, Nuluva, Rela, Allaneredu, Palas, Budda dharma, etc.
- Total **(212) numbers no. of trees falling** in proposed diversion area to be felled.
- Not vulnerable of the area to erosion.
- Approximate distance of proposed site for diversion 2.853 Kms.
- The Fauna like Spotted Deer, Neelagai, Wild Boar and Bears are seen in the proposed area.
- There is no Rare/Endangered/Unique Species of Flora and Fauna found in the area proposed to be diverted.
- There is no Protected Archaeological/Heritage Site/Defense Establishment or any Other Important Monument is located in the proposed area.
- There are no encroachments and claims in the R.F. area that attracts the RoFR Act, 2006.

- The requirement of forest land is **26.6844 Ha in Banswada Division** in the proposal is unavoidable and found minimum for this project.
- **No work in violation** of Act has been carried out.
- There is no alternative way except this area.
- No effect on Flora & Fauna on Construction of Link Canal
- The District Collector, Kamareddy vide Rc.No.E1/371/2017 dated 02.03.2017 has issued RoFR certificate **in Form-I** (for linear projects) certifying that the complete process for identification and settlement of rights under FRA has been carried out for the **entire 26.6844 Ha of forest area**.

**The Forest Divisional Officer, Banswada has recommended the proposals in Part II subject to the condition that the User Agency should fell barest minimum of trees and should fell if require only.**

**II(8) The Forest Divisional Officer, Nirmal has submitted the following information in Part-II and Site Inspection Report.**

- The Forest Divisional Officer, Nirmal has inspected the forest area proposed for diversion for canals, tunnels, lift systems, reservoirs and Distributary network for Kaleshwaram Project, Package No. 27 **on 28.02.2017**.
- The area proposed in Nirmal forest division is **322.5574 ha**.
- The legal status of the said forest area proposed is as follows for diversion :
  - Compt.No.971, 972, 973, 974, 975 and 976 of Chincholi RF and notified U/s. 15 of A.P. Forest Act, 1967 vide G.O. Ms. No. 481/482, dt. 1-4-1349 F vide Gazette No. 15, dt. 26-4-1349 F.
  - Compt. No.1051 of Apparaopet RF and notified U/s. 15 of A.P. Forest Act, 1967 vide G.O. Ms. No. 2137, dt. 28-11-1969 vide Gazette No. 25, dt. 27-02-1954
  - Compt. No.1007, 1013, 1024 & 1039 of Jam RF and notified U/s. 15 of A.P. Forest Act, 1967 vide G. O. Ms. No. 427/428, dt.23-02-1351 vide Gazette No. 19, dt.05-06-1351 F.
  - Compt. No.1071, 1072, 1073, 1075, 1076 & 1077 of Narsapur RF and notified U/s. 15 of A.P. Forest Act, 1967 vide G. O. Ms. No. 777/778, dt. 7-6-1349 F vide Gazette No. 22, dt. 28-6-1349 F.
  - Compt. No.1066, 1067, 1068 & 1070 of Pyaramour RF and notified U/s. 15 of A.P. Forest Act, 1967 vide G.O. Ms. No. 232, dt.05-03-1350 F vide Gazette No. 12, dt.27th Bhaman 1350 F.
  - Compt. No.1090 of Dilawarpur RF and notified U/s. 24 of A.P. Forest Act, 1967 vide G.O. Ms. No. 48, dt. 28-08-1950 (Gt. No. 5, dt. 01-12-1951).
  - Compt. No.1049, 1050, 1056 & 1057 of Apparaopet RF and notified U/s. 15 of A.P. Forest Act, 1967 vide G.O. Ms. No. 2137, dt. 28-11-1969 vide Gazette No. 25, dt. 27-02-1954.
  - Compt. No.938, 939 & 940 of Mamda RF and notified U/s. 15 of A.P. Forest Act, 1967 vide G. O. Ms. No. 1097, dt. 17-12-1354 F vide Gazette No. 1, dt. 3-1-1355 F.
  - Compt. No. 852 of Boregaom RF and notified U/s. 15 of A.P. Forest Act, 1967 vide G.O. Ms. No. 1817, F & A dt. 10-9-1968 vide Gazette No. 40, dt. 10-10-1968.
  - Compt. No.853 of Parimandal Extn. RF and notified U/s. 4 of A.P. Forest Act, 1967 vide Gazette No.9 Dt;17-09-1968
  - Compt. No.984, 988, 989, 990, 992, 993, 994, 996 & 1000 of Parimandal RF and notified U/s. 15 of A.P. Forest Act, 1967 vide G.O. Ms. No. 493/494, dt. 1-4-1349 F vide Gazette No. 16, dt. 3-5-1349 F.
- The forest land 322.5574 Ha proposed by the user agency in Col.2 of part-I. On inspection as per demarcation on ground it is noticed that, the total area for diversion are i.e., (224.2195 Ha in Nirmal Range, 17.4025 Ha in Bhainsa Range & 80.9355 Ha in Mamda Range) = 322.5574 Ha. is unavoidable and barest minimum for the project.

- The said proposed area for diversion does not form part of National Park, Wildlife Sanctuary, Biosphere reserve, Tiger reserve, Elephant Corridor etc.,
- No Rare / Endangered / Unique Species of Flora and Fauna are found in the forest area proposed for diversion.
- There are no protected Archaeological / Heritage site / Defense Establishment or any Other Important Monument in the forest area proposed for diversion.
- The requirement of forest land as proposed by the user agency in col.2 of Part-I is noticed unavoidable and barest minimum for the project. During field inspection it is further noticed that, the area proposed for diversion in the area for diversion as per field verification is 322.5574 Ha.
- The proposed area for diversion is falling in RoFR Land and there are 43 claimants of RoFR pattas.
- In the proposed diversion of forest land the details of enumeration of trees to be felled in the proposed area for diversion the abstract of enumeration species, girth class wise in the proforma prescribed are enclosed.
- Area of forest land proposed for diversion the density of vegetation is 0.4 (open forest).
- No work in violation of Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 has been carried out.
- The District Collector, Nirmal vide Rc.No.E5/311/2017 dated 24.03.2017 has issued RoFR certificate in Form-I (for linear projects) certifying that the complete process for identification and settlement of rights under FRA has been carried out for the entire **323.557 Ha** of forest area, and there are 43 claimants of RoFR pattas.
- Site inspection report of the FDO enclosed.

**The Forest Divisional Officer, Nirmal has recommended the proposal.**

**III. Reports of the Conservator of Forests in Part – III along with their inspection reports:**

**III (1) Conservator of Forests, Warangal has submitted following information in Part-III and Site Inspection Report.**

- The Conservator of Forests, Warangal has inspected the proposed diversion area on **28.02.2017**. Inspection report enclosed.
- The Conservator of Forests, Warangal has agreed with the remarks of the DFO in part-II and has recommended the proposal in Part-III subject to the fulfillment of the conditions imposed by the Forest Divisional Officer, Mahadevpur.

**III(2) Chief Conservator of Forests, Karimnagar has submitted following information in Part-III and Site Inspection Report.**

- The Chief Conservator of Forests, Karimnagar has inspected the proposed diversion area on **02.03.2017**. The inspection report enclosed.
- The Chief Conservator of Forests, Karimnagar has agreed with the remarks of the DFO in part-II and recommended the proposal in Part-III subject to the conditions imposed in his site inspection report, which is detailed below:
  - i. User Agency shall construct wildlife passages on canals at the locations proposed by the concerned FDO / DFO.
  - ii. User Agency shall take up protection measures for the two (2) isolated patches by chain-link fencing as per the scheme prepared by the Forest Department.
  - iii. User Agency shall take up measures for protection and conservation of wild life.
  - iv. User Agency shall take up SMC work and CAT plan in an area of 5000.00 Ha at Rs.5000/- Per Ha.
  - v. UA shall supply water free of cost to the identified major locations through canals to cater the needs of the Wildlife present in and around the diverted forest land.

**III(3) The Chief Conservator of Forests, Medak has agreed with the remarks of the DFOs, Medak and Siddipet in part-II and submitted the following information in Part-III and Site Inspection Report / covering letter.**

- CCF, Medak has inspected the forest lands proposed for diversion in Medak and Siddipet districts (Sri Komaravelli Mallanna Sagar and Konda Pochamma Reservoir) on 03.03.2017 and 10.03.2017 respectively and the inspection reports enclosed.
- In Part III it is stated that since the proposed forest area for diversion in Siddipet District is degraded, very poor in biodiversity and on the other hand project is aimed at providing irrigation facilities to the people of the Telangana State as well as for providing water for drinking and industrial purposes which will also uplift economy of people. The project covering in Medak district is linear in nature causing very little disturbance to the local fauna and flora of the area.
- Therefore, the Package 18 of Kaleswaram project covering an area of 194.0711 Ha in Medak District for excavation of canals; the Packages No.10, 12, 14 and 15 of Kaleswaram project, covering an area of 1407.439 Ha in Siddipet District, for Excavation of canals, tunnels, surge pool, delivery cistern, non-over flow dams, LMC & RMC gravity canals etc., **are recommended for approval subject to the following conditions:**
  - i. The conditions imposed by District Forest Officers, Siddipet and Medak shall be complied with by the User Agency.
  - ii. The user agency shall construct the over / under passes across the canals for crossing of the wild animals and thereby maintaining the continuity of the wildlife habitat.

**III (4) The Chief Conservator of Forests, Hyderabad has submitted following information in Part-III and Site Inspection Report.**

- The Chief Conservator of Forests, Hyderabad has inspected the proposed diversion area on **01.03.2017**.
- The existing forest is tropical dry deciduous forest. The soils are gravelly mixed fair size boulders with rocky out crops.
- The area proposed is for storage reservoir only, the soil erosion is not an issue. At FRL, the submergence will be up to foot hills of the hillocks.
- The submergence area is surveyed with 21 sample plots and the enumeration is taken up for trees and also for below 30 cm.girth growing stock upto FRL (510 m). Therefore 6 sample plots (-) 2 mts of FRL (508 m) and 6 sample plots for (-) 4 mts of FRL (506 m).
- The details of the area proposed for diversion are as follows:

| Sl. No | Name of the Forest Block | Compt. No.                 | Area ( in Ha)   | Purpose                       | Length/ Capacity | No. of sample plots    |
|--------|--------------------------|----------------------------|-----------------|-------------------------------|------------------|------------------------|
| 1.     | Srinivaspur              | 246                        | 3.7643          | Package 14 distributory canal | 603x40 mts       | Total Enumeration done |
| 2.     | Vasalamarri              | 243 & 245<br>1.5869+3.6455 | 5.2324          | - do -                        | 888x40 mts       | - do -                 |
| 4      | Narsapur                 | 268                        | 3.7814          | Package 15 distributory canal | 1759x20 mts      | - do -                 |
| 5      | Veerareddypally          | 248                        | 96.7957         | G.Mallandha Reservoir         | 9.86 TMC         | 21                     |
|        | <b>TOTAL</b>             | <b>TOTAL</b>               | <b>109.5738</b> |                               |                  |                        |

- If the proposed forest land being diverted, the impact on the adjoining reserve forest is negligible and rather it will have positive impact due to water availability.
- The inspection report enclosed.

**The Chief Conservator of Forests, Hyderabad has agreed with the remarks of the DFO and recommended the proposal in Part-III.**

**III(5) Chief Conservator of Forests, Nizamabad has submitted following information in Part-III and Site Inspection Report.**

- The Chief Conservator of Forests, Nizamabad has inspected the proposed diversion area on 28.02.2017. The inspection report enclosed.
- The Chief Conservator of Forests, Nizamabad has agreed with remarks of the Forest Divisional Officers, Nizamabad & Banswada and District Forest Officers, Nizamabad and Kamareddy and recommended the proposals in Part-III subject to the conditions specified in the inspection report.

**III(6) Conservator of Forests & Kawal Tiger Reserve, Nirmal has submitted following information in Part-III and Site Inspection Report.**

- The Conservator of Forests, Nirmal has inspected the proposed diversion area on 01.03.2017. The inspection report enclosed.
- The CF& Field Director, KTR, Nirmal has agreed with the remarks of the FDO/ DFO and recommended the proposals in Part-III with the following conditions proposed in his site inspection report:
  - i. UA shall make necessary precautionary measures to prevent and control any forest fire and to cause least disturbance to the existing vegetation and wildlife present over this jurisdiction.
  - ii. UA to Plant seedlings wherever there is scope along the canal banks, bunds and inspection roads to compensate the tree extraction in diversion areas.
  - iii. UA shall make adequate arrangements for water facility in surrounding areas of diversion to meet water requirements of wild animals present over here.
  - iv. UA to place adequate number of signage boards depicting the importance of Forests and Wildlife.

**IV- INFORMATION ON VIOLATION OF F( C) ACT, 1980 CARRIED OUT BY UA:**  
**In Rajanna-Sircilla District:**

As reported by the District Forest Officer, Rajanna-Sircilla District work in violation of Forest (Conservation) Act, 1980 is carried out by constructing surge pool and other structures in an area of 3.9694 ha in package – X. In this regard, a notice was served to the user agency on 23-02-2017. The reply is awaited from the user agency.

**In Bhupallapilly Jayashanker District:**

As reported by the Forest Divisional Officer, Mahadevpur vide Lr.No.36/S4/2017, dt.27.03.2017, an area of 3.5 Ha is used in violation of FCAct, 1980.

As per para 4.3 (ii) of the guidelines of Forest (Conservation) Act, 1980, penal CA to be imposed over the area worked / used in violation. A total area of 7.46 Ha is utilized in violation (3.96 Ha in Rajanna-Sircilla District + 3.5 ha in Bhupallapilly Jayashanker District).

As detailed against item no.VI below, CA scheme is prepared and proposed in degraded forest land to an extent of 641.254 Ha apart from the CA scheme prepared in non-forest land. Penal CA to be imposed for the work carried out in accordance with the above said guidelines may be treated as proposed to be included in the already prepared degraded CA scheme.

**V- CONSOLIDATED INFORMATION ON ROFR ACT, 2006:**

As per the guidelines issued by the Government of India under Scheduled Tribes and other Traditional Dwellers (recognition of Forest Rights) Act 2006 vide Lr.No.11-9/1998-Fc (Pt) Dt.03.08.2009 and 05.07.2013, the proposal has been examined under RoFR Act, 2006 by the concerned District Collectors. Necessary certificate are obtained in requisite format i.e., Form-I & II along with all requied enclosures. The details are as follows:

| Sl. No. | Name of the District          | Name of the Forest Division | Linear /Non-linear | Certificate issued by Dist. Collector in | Dist. Collector Ref. No. & Date | Forest Area in Ha for which certificate issued. |
|---------|-------------------------------|-----------------------------|--------------------|--|---------------------------------|---|
| 1       | Jayashanker Bhupalpally       | Mahadevpur                  | Non-linear         | Form - II                                | E/492/2017, dt.03.03.2017       | 338.483   |
| 2       | Rajanna Sircilla              | Kaimnagar + Sircilla        | Non-linear         | Form - II                                | E/805/2017, dt.09.03.2017       | 329.139   |
|         |                               |                             | Non-linear         | Form - II                                | E/805/2017, dt.09.03.2017       | 116.818   |
|         | <b>Rajanna Sircilla Total</b> |                             |                    |  |                                 | <b>445.957</b>                                  |
| 3       | Siddipet                      | Siddipet                    | Non-linear         | Form - II                                | G/248/2017-1, dt.08.03.2017     | 14.411  |
|         |                               |                             |                    | Form - II                                | G/248/2017-2, dt.08.03.2017     | 1327.453  |
|         |                               |                             |                    | Form - II                                | G/248/2017-3, dt.08.03.2017     | 54.648  |
|         |                               |                             |                    | Form - II                                | G/248/2017-4, dt.20.03.2017     | 6.871   |
|         |                               |                             |                    | Form - II                                | G/248/2017-5, dt.20.03.2017     | 4.055   |
|         | <b>Siddipet Total</b>         |                             |                    |  |                                 | <b>1407.438</b>                                 |
| 4       | Yadadri Bhongir               | Yadadri                     | Non-linear         | Form - II                                | F/671/2016, dt.02.03.2017       | 109.574   |
| 5       | Medak                         | Medak                       | Linear             | Form - I                                 | 01/244/2017, dt.28.02.2017      | 194.071   |
| 6       | Nizamabad                     | Nizamabad                   | Non-linear         | Form - II                                | E1/505/2017, dt.17.03.2017      | 323.367   |
| 7       | Kamareddy                     | Banswada                    | Linear             | Form - I                                 | E1/371/2017, dt.02.03.2017      | 26.684  |
| 8       | Nirmal                        | Nirmal                      | Linear             | Form - I                                 | E5/311/2017, dt.24.03.2017      | 322.557   |
|         | <b>TOTAL:</b>                 |                             |                    |  |                                 | <b>3168.131</b>                                 |

- In Medak, Nirmal and Kamareddy, only excavations of canals involved which are linear in nature, hence RoFR Act certificate are obtained in Form-I (linear projects) from the concerned District Collectors.
- In other districts apart from Excavations of Canals, construction of surge pool, reservoir etc., are involved which are non-linear in nature, hence RoFR Act certificate are obtained in Form-II (non-linear projects) from the concerned District Collectors.
- In Nirmal, there are 43 RoFR, Act 2006 Right Holders for which the UA has given an undertaking that the compensation will be paid as LAR&R Act 2013 in accordance with the R&R Package prepared by the Dist. Collector, Nirmal. 43 right

holders have given written consent for alienation of the land.

#### **VI- COMPENSATORY AFFORESTATION:**

**The User Agency has identified the non-forest CA lands in various districts, carried out ETS & DGPS/ DGNSS survey and furnished the maps and corresponding details, which are as follows:**

| District       | Division                 | Area in ha      |
|----------------|--------------------------|-----------------|
| Sircilla       | Karimnagar-Sircilla      | 1681.6814       |
| Jagtiyal       | Jagtiyal                 | 490.02          |
| Warangal Urban | Warangal Urban           | 177.775         |
| Siddipet       | Siddipet                 | 300.9609        |
| Peddapalle     | Peddapalle               | 820.8516        |
| Nalgonda       | Nalgonda + Nagarjunsagar | 646.77          |
|                | <b>Total</b>             | <b>4118.059</b> |

The identified non-forest lands have been inspected by the concerned FDO/ DFO for its suitability for raising Compensatory Afforestation. After field inspection, the concerned FDO / DFOs have recommended for taking over the following lands:

| Sl. No. | District          | Division            | NFL to be taken over by FD in Ha |
|---------|-------------------|---------------------|----------------------------------|
| 1       | Rajanna -Sircilla | Karimnagar-Sircilla | 1467.000                         |
| 2       | Jagtiyal          | Jagtiyal            | 500.920                          |
| 3       | Warangal Urban    | Warangal Urban      | 177.775                          |
| 4       | Siddipet          | Siddipet            | 304.245                          |
| 5       | Peddapalle        | Peddapalle          | 453.296                          |
| 6       | Nalgonda          | WLM Nsagar          | 308.289                          |
| 7       | Nalgonda          | Nalgonda            | 155.614                          |
|         |                   | <b>Total</b>        | <b>3367.139</b>                  |

It is submitted that, certain extent of the identified non-forest land has existing tree growth and some lands are rocky, in which only protection measures and soil & moisture conservation measures are proposed by the concerned FDO / DFO. Accordingly, the CA scheme is prepared as per the specifications of the GoI. Out of 3367.139 ha, planting will be taken up in an area of 3038.239 ha and balance area will be protected and SMC works will be taken up. In addition to the afforestation proposed in the non-forest CA land, afforestation in degraded forest land to an extent of 617.254 Ha is prepared in Siddipet and Peddapalle Districts. In addition to this, an area of 24.00 Ha is also proposed for CA in degraded forest land in Yadadri-Bhongir division, as 24.00 Ha of plantation is lost due to submergence. The total financial outlay for CA is as follows:

| Sl.No. | District            | Division            | Financial Outlay in NFL (Rs.in lakhs) | Financial Outlay in DFL (Rs.in lakhs) | Total Financial Outlay (NFL + DFL) (Rs.in lakhs) |
|--------|---------------------|---------------------|---------------------------------------|---------------------------------------|--|
| 1      | Rajanna -Sircilla   | Karimnagar-Sircilla | 11536.107                             | 0.000                                 | 11536.107  |
| 2      | Jagtiyal            | Jagtiyal            | 1264.784                              | 0.000                                 | 1264.784   |
| 3      | Warangal Urban      | Warangal Urban      | 2007.523                              | 0.000                                 | 2007.523   |
| 4      | Siddipet            | Siddipet            | 1863.141                              | 1121.449                              | 2984.590   |
| 5      | Peddapalle          | Peddapalle          | 1097.944                              | 1672.263                              | 2770.207   |
| 6      | Nalgonda            | WLM Nsagar          | 4450.225                              | 0.000                                 | 4450.225   |
| 7      | Nalgonda            | Nalgonda            | 2339.273                              | 0.000                                 | 2339.273   |
| 8      | Yadadri Bhuvanagiri | Yadadri Bhuvanagiri | 0.000                                 | 62.408                                | 62.408   |
|        |                     | <b>Total</b>        | <b>24558.997</b>                      | <b>2856.120</b>                       | <b>27415.12</b>                                  |

Site suitability certificate along with CA scheme proposals, prepared by the concerned DFO / FDOs which are self-explanatory are enclosed with the proposal.

**Recommendations of PCCF:**

In view of the above, the statutory proposal along with necessary enclosures with due **recommendation of undersigned in Part-IV in triplicate** are submitted herewith, for forwarding the proposal to the Ministry of Environment, Forests & Climate Change, New Delhi for obtaining Forest Clearance under Forest (Conservation) Act, 1980, at an early date. The conditions proposed by the Forest Divisional Officer / District Forest Officer / Chief Conservator of Forests in respective Part-II / Part-III and Site Inspection reports/covering letters are agreed to and the same may be imposed while considering the proposal for clearance.

Encl: (As above)

Yours faithfully,

**Sd/- P.K. Jha,**

Principal Chief Conservator of Forests  
& Head of Forest Force

Copy submitted to the Spl. Chief Secretary to Government, Irrigation & CAD Department, Teglangana Secretariat for favour of information.

Copy to the Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, Telangana State, Hyderabad for information and necessary action.

Copy to the Chief Engineer, Kaleshwaram Project, Jalasoudha, Hyderabad.

Copy to the APCCF/ FDPT, Amrabad Tiger Reserve, Achampet; CCFs, Hyderabad, Medak, Karimnagar and Nizamabad; CF Warangal; CF/ FDPT Kawal Tiger Reserve, Nirmal.

Copy to the District Forest Officers, Bhupalpally-Jayashanker, Nizamabad, Kamareddy, Karimnagar+Sircilla, Nirmal, Warangal (Urban)+Jangoan, Peddappalle, Siddipet, Jagityal, Nalgonda for information and immediate necessary action.

Copy to the Forest Divisional Officers, Mahavepur, Nizamabad, Kamareddy, Nirmal, Nalgonda, WLM Nagarjuna Sagar for information and immediate necessary action.

// t.c.b.o.//

mn  
27/03/2017

Superintendent  
27/03/17.