

FIELD INSPECTION NOTE OF THE FOREST DIVISIONAL OFFICER, NIZAMABAD ON
28.02.2017 , 04.03.2017 & 20.03.2017 IN CONNECTION WITH THE PROPOSED
DIVERSION OF RESERVE FOREST LAND FOR CONSTRUCTION OF LINK CANAL AND
TUNNEL OF KALESHWARAM PROJECT IN PACKAGE 21 AND 22

As per the request made by Chief Engineer Kaleshwaram Project , Jalasoudha, Hyderabad , I have inspected the site along with the concerned Engineers and Forest Officials for Construction of Reservoir, Pipe line and Tunnel in Package 21 and 22 in Compt.Nos.140, 147, 149, 150, 151, 157 and 158 of Manchippa Reserve Forest (Package -21 for Reservoir) of Badsa, Amrabad, Manchippa, Kalpole (N) & Mudakpally Beats of Nizamabad (South) Range and Compt. Nos.417 of Amsanpally Beat and Reserve Forest (Package-21, Pipe Line) of Indalwai Range, Compartment Nos 144,463,743 in Nizamabad (South) Range (Package-22, Tunnel) . The User Agency has requested for diversion of 323.3667 ha of Forest land for Construction of Reservoir, Pipe line and Tunnel pertaining to Kaleshwaram project in package 21 & 22 in Nizamabad Forest Division.

The sample plot enumeration is done in the Reserve Forest area proposed in different forest density classes as per the sample plot data communicated by the GIS cell, TS, Hyderabad in the areas proposed for constructions of reservoir. Sample plots laid in 32 points and data collected. As per the sample data collected, the total number of trees and pole crop is arrived by extrapolation. Total enumeration of tree growth in done in Reserve Forest areas proposed for constructions of pipe line and tunnel. The total tree growth arrived approximately is 71887 Nos (54193 Trees and 17694 Poles). The predominant species enumerated in the alignment are Teak, Ippa, Moduga, Gumpena, Vepa, Nallmaddi, Palakodcha, Morri, Danthi Chennangi, Kanuga, Jeedi etc.,

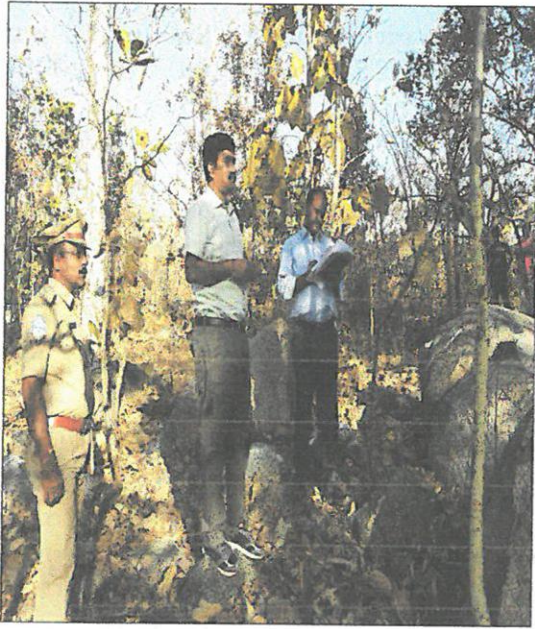
I have also inspected the site along with the District Forest Officer, Nizamabad and concerned Engineers and Forest Officials on 20.03.2017.

| Type of Forest density class wise | Sample Plot.Nos | Total Plots | Sample Enumeration in 0.1 Ha | | Sample enumeration in 1.0 Ha | | Total Area proposed for diversion in the density class | No.of Trees & Poles arrived after extrapolation from the sample plot enumeration of 1.0 Ha | |
|-----------------------------------|--|-------------|-------------------------------|-------------------------------|------------------------------|---------------------|--|--|---------------------------|
| | | | Average No.of trees in 0.1 ha | Average No.of Poles in 0.1 ha | No.of Trees in 1 Ha | No.of Poles in 1 Ha | | Total Trees (Col.No. 7x9) | Total Poles (Col.No. 8x9) |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Dense | 3,15,16,22,23,25,31 | 7 | 42 | 11 | 420 | 114 | 54.7051 | 22976 | 6236 |
| Scrub | 4,5,10,20,21,32 | 6 | 12 | 4 | 120 | 40 | 30.628 | 3675 | 1225 |
| Open | 1,2,6,7,8,9,11,12,13,14,17,18,19,24,26,27,28,29,30 | 19 | 24 | 9 | 246 | 93 | 110.0221 | 27065 | 10232 |
| Non Forest | 0 | 0 | 0 | 0 | 0 | 0 | 122.7686 | 0 | 0 |
| Pipe Line area in Package No.21 | 0 | 0 | 0 | 0 | 0 | 0 | 1.062 | 0 | 0 |
| Tunnel Area in Package No.22 | 0 | 0 | 0 | 0 | 0 | 0 | 4.1809 | 476 | 0 |
| Total : | | 32 | 78 | 24 | 786 | 247 | 323.3667 | 54193 | 17694 |

The wildlife present in the surrounding forest areas as informed by the local staff are Bear, Neelgai, Pea fowl, Spotted Deer, Wild pig etc. However no wild life was spotted at the time of field inspection.

I have searched for alternatives, but there is no other alternative alignment available except the present proposal. This is the barest minimum area that is required for Construction of Reservoir, Pipe line and Tunnel pertaining to Kaleshwaram project in package 21 & 22 in Nizamabad Forest Division.

Photographs of the proposed site for Construction of Reservoir, Pipe line and Tunnel pertaining to Kaleshwaram project in package 21 & 22 during inspection by the Forest Officials.



The User Agency has submitted undertakings to implement the following conditions:

1. The Compensatory Afforestation (CA) land for this project shall be provided by the user agency in Warangal (Urban), Siddipet, Rajanna (Siricilla), Jagityal, and Peddapally Districts as per the proposals.
2. The Net Present Value (NPV) of Rs.2121.106 lakhs shall be paid by the User Agency.
3. The extraction charges of the timber / fuel as estimated in these areas shall be borne by the User Agency.

The area does not fall in wildlife protected areas and there is no archaeological heritage site, important monuments in the proposed alignment.


The District Collector, Nizamabad has given the certificate in Form-II as per instructions vide GOI, MoEF Ref.11-9/98-Fc (PT) dt:03.08.2009 for linear projects, duly certifying that the process of identification of Rights under Forest Rights Act has been completed in the District and there are no claims pending in the above said Reserve Forest areas.

Hence, the proposals for Construction of Reservoir, Pipe line and Tunnel pertaining to Kaleshwaram project in package 21 & 22 in Beats of Manchippa, Amrabad, Kalpole (N), Mudakpally and Amsanpally Beats of Manchippa & Amsanpally Reserve Forests of Nizamabad (S) & Indalwai Ranges are recommended with the following conditions.

1. The Legal status of the Reserve Forest land proposed to be diverted does not change.
2. 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.

3. Any other conditions imposed by Forest Divisional Officer, Nizamabad from time to time shall be followed by the User Agency.

The Proposals for diversion of 323.3667 Ha of Reserve Forest land for Construction of Reservoir, Pipe line and Tunnel pertaining to Kaleshwaram project in package 21 & 22 are **recommended**.


Forest Divisional Officer,
Nizamabad.