

**GOVERNMENT OF TELANGANA
FOREST DEPARTMENT**

Rc.No. 1485 /2016/P5
Date :23-01-2017

Office of the
Forest Divisional Officer,
Paloncha.

From
Sri M.Keshavaram, S.F.S.,
Forest Divisional Officer,
Paloncha Division,
Paloncha.

To
The District Forest Officer,
Bhadradi Kothagudem,
Kothagudem.

Sir,

Sub: TSFD – Paloncha Division – Proposals for diversion of 4.660 Ha of forest land in Paloncha Division infavour of Superintending Engineer, TDWSP (RWS&S) Circle, Khammam – For laying of pipe line and Construction of structures in **Segment-25/14(Balarajugutta)** – For providing safe drinking water to Aswaropeta Constituency of erstwhile Khammam District under Telangana Drinking Water Supply Project – **Revised Proposals** submitted - Reg.

Ref: 1.Prl.C.C.F. T.S., Hyderabad Rc.No.6494/2016/FCA-1/TS(Segment-25/14), Dt:02-05-2016.
2. C.F., Khammam Rc.No.1015/2012/M11, Dt:30-05-2016.
3. FDO, Paloncha Rc.No.1485 /2016/P5, Dt:04-11-2016.
4.Instructions issued by the APCCF(FCA), TS, Hyderabad on 29-11-2016

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In continuation of this office reference 3rd cited above, it is submitted that the proposals for diversion of 0.246 Ha area pertains to Paloncha Division (Out of 4.41 Ha Khammam Division and 0.246 Ha in Paloncha Division) have been submitted to the Conservator of Forests, Khammam. It is further submitted that due to Bifurcation of Districts and Forest Department, the remaining 4.41 Ha pertains to erstwhile Khammam Division transferred to Paloncha Division. In this connection, the revised proposals for diversion of 4.660 Ha of forest land in Paloncha Division infavour of Superintending Engineer, TDWSP (RWS&S) Circle, Khammam for laying of pipe line and Construction of structures in **Segment-25/14(Balarajugutta)** for providing safe drinking water to Aswaropeta Constituency of erstwhile Khammam District under Telangana Drinking Water Supply Project have been prepared and submitted herewith duly attending the omissions raised by the Additional Principal Chief Conservator of Forests, TS, Hyderabad in the reference 4th cited above. The details of proposals are as follows.

The proposed pipe line falls under **the following Forest Blocks** which are notified under the following sections.

- ❖ Lankapally RF Block of Dammapeta Range notified under section 15 vide G.O.No.369 dt. 10-6-1357 F Gazette .No.24 dt. 26-7-1357 F

- ❖ Nagupally RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No.750F&A, dt: 7-1-1974 F.
- ❖ Mustibanda RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.NO.142 F&RD dt. 10-5-1974.
- ❖ Jammedar Banjar (S) RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No.680 F&A dt. 11-7-1973.
- ❖ Nagupally Extn. RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No.282 F&RD dt.29-6-1982.
- ❖ Ranguvarigudem RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No. 304 F&RD dt. 14-8-84.
- ❖ Latchapur RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No. 1752 dt. 11-12-1954.
- ❖ Durudapadu RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No.837 F&A dt, 24-4-1969.
- ❖ Tirumalakunta RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No.247 F&A dt.15-7-1974.
- ❖ Yerrakonda RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No.672 F&A dt. 10-7-1973.
- ❖ Jammedar Banjar (N) RF Block of Dammapeta Range notified under section 4 vide G.O.Ms.No. dt. 6-8-1970 Gazette.No.37 dt. 26-8-1970.
- ❖ Mustibanda Extn. I RF Block of Dammapeta Range and the Notification proposals under section 24 of A.P.Forest Act, 1967 are under process.
- ❖ Aswaraopeta Extn.I RF Block of Aswaraopeta Range notified under section 15 vide G.O.Ms.NO 328 F&RD dt.9-8-1974.
- ❖ Katkoor (Part) RF Block of Aswaraopeta Range notified under section 4 vide G.O.Ms.No.418 dt. 9-9-1974.
- ❖ Katkoor -VII RF Block of Aswaraopeta Range Un-notified. The Notification proposals under section 24 of A.P.Forest Act 1967 are under process.
- ❖ Katkoor-VI RF Block of Aswaraopeta Range notified under section 15 vide G.O.Ms.No. 42 F&RD dt. 28-1-1984.
- ❖ Dacharam RF Block notified under section 15 vide G.O.Ms.No.2201 F&A For-III, Dt:10-05-74.
- ❖ Lachapeta Ext-I RF Block notified under section 15 vide. G.O.Ms.No.550, Dt. 8.4.71.
- ❖ Katkur RF Block notified under section 4 vide G.O.Ms. No.418/F and R.P. For. III.
- ❖ The proposed pipe line comes under **Segment-25/14 (Balarajugutta)** of TDWSP (Telangana Drinking Water supply project) from Segment 25/14 pipe line Net work, a part of the pipe line is proposed falls under various Reserved Forest Blocks of Dammapeta and Aswaraopeta Ranges. The total area required for diversion is 4.66 Ha. The pipe line alignment is proposed duly utilizing the Right Of Way of the existing road which falls in the various Reserved Forest Blocks of Dammapeta and Aswaraopeta Ranges of Paloncha Division, and there is no other alternate alignment to proposed as the ground levels are not permitting as per the Hydraulic design.

- ❖ Map showing the required forest land, boundary of adjoining forest on 1:50,000 scale Map is enclosed.
- ❖ Cost of the project is Rs.251.99 Crores.

Justification of locating the project in Forest area:

The User Agency has submitted that the Telangana Drinking Water Project is intended to provide safe Drinking Water to every habitation at a service level with 100 ipcd at household level from a sustainable surface water source as a part of the project, it is proposed to provide safe drinking to the people of Bhadradi Kothagudem District.

The work providing Drinking Water to habitations in Godavari and Pusuru Segments covering Bhadrachalam, Pinapaka, Ashwaraopeta, Sathupally (Part), Kothagudem, Yellandu, Wyara (Part) Constituency in Bhadradi Kothagudem District **Segment 25/14 (Balarajugutta)**. All possible alternate routes for design of pipe lines have been examined and when it is inevitable and no other alternative route except through Forest and water treatment plant Structures in the Forest Area is essential to treat the raw water then supply clear water through gravity mains in Bhadradi Kothagudem District. As per the Hydraulic Designs and Topography of the area the proposed locations are very much essential for laying of pumping main, gravity mains and Construction of GLBR and there are no other possible alternative alignment.

Purpose wise breakup of the total land required:

The proposed pipe line is passing through various Reserved Forest Blocks of Dammapeta and Aswaraopeta Ranges. The length of the pipe line is 45.506 Kms. The break up is as follows.

Pipe lines	:	3.843Ha
For structure	:	<u>0.817</u>
Total	:	<u>4.66Ha</u>

- ❖ The User Agency has informed that the pipe line and structure alignment is proposed duly utilizing the “Right Of Way” of existing Road which falls in the various Reserved Forest Blocks on the head work structure is proposed duly utilizing the “Right of way” of the existing Road which falls in various Reserved Forest Blocks.

- ❖ The User Agency has furnished an undertaking to bear the cost of raising and maintenance of CA/Penal CA, as per the Scheme prepared by State Government and also pay additional amount if any due to escalation or any changes at later date as per the demand raised by the Forest authorities.
- ❖ The User Agency has furnished undertaking to pay the NPV for acquisition of Forest land for Telangana Drinking Water Supply Project for laying of pipe line and also pay the additional amount if any due to escalation or any other charges at later date as per the demand raised by the forest authorities.
- ❖ The User Agency has furnished an undertaking to pay the cost of extraction charges of the Tree growth existing on the forest land proposed for diversion under the project as and when demanded by the forest authorities and also undertake to pay the additional NPV amount if any due to escalation or any other charges at later date as per the demand raised by the forest authorities.

It is further submitted that as per GOI, MoEF. Lr.No.11-9-98- FC, Dt:16.06.2011 there is no Compensatory Afforestation to be insisted upon in Drinking Water Projects in Left Wing Extremism Districts where the diversion of Forest Land is up to 5.00 Ha in each project. Hence, Compensatory Afforestation is not applicable in this Project. The Part-II information along with site inspection report is submitted here with. The Part-II details are as follows.

PART-II:

The proposed pipe line passing through various Reserved Forest Blocks of Dammapeta and Aswaraopeta Ranges, which are notified under section 4,15&24 and un-notified RF Block.

- ❖ The Density of vegetation in the proposed area is found that part area is falling in private lands another part of the area is less than 0.4 in Dammapeta and Aswaraopeta Ranges.
- ❖ The existing tree growth is of Miscellaneous species like Nallamaddi (*Terminalia tomentosa*), *Nemalinara*, *Yegisa*, *Gumpena*, *Pachaari*, *Chennangi*, *Bandaru*, *Tellatamma*, *Battaganam*, *Teak*, *Bandaru*, *Tuniki*, *Narayepi*, *Pala*, *Thada Tiruman* and *Chilla* .
- ❖ Details of species wise and dia-meter class wise enumeration of trees is enclosed in the proposal.
- ❖ The proposed pipe line area is surrounded with Miscellaneous species as mentioned above as proposed as area is for pipe line, the vulnerability for erosion may not arise.
- ❖ No work in violation of Act has been carried out sofar.
- ❖ The proposed pipe line is not falling in any National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve and Elephant Reserve Corridor etc.,

- ❖ The requirement of forest land as proposed by the User Agency is unavoidable and barest minimum for the project which is 4.66 Ha in Paloncha Division.
- ❖ In the proposed site there are no protected archaeological/heritage site/defense establishment or any other important monument is located in the area.
- ❖ There are no rare /endangered unique species of flora and fauna are found in the area.

Specific recommendations of the DCF for acceptance:

This project is recommended subject to the following conditions.

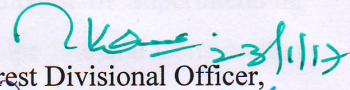
- i. The User Agency should not disturb flora and fauna during execution of the project or otherwise in the area.
- ii. The User Agency should follow FCA, 1980 guidelines strictly.
- iii. Recommended for acceptance of the Telangana Drinking Water Project is intended to provide Safe Drinking Water to the people of Bhadradi Kothagudem District.

It is further submitted that when the proposals were received to the Paloncha Division is under the control of Khammam Circle. At present due to Bifurcation of Districts and Forest Department presently Paloncha Division is under the control of Kothagudem Circle. Whereas the data base is existing in Khammam Circle. Hence the proposals have been uploaded in Khammam Circle database and submitted herewith (6) sets of copies to the District Forest Officer, Bhadradi District, Kothagudem for taking necessary action.

This is submitted for favour of information.

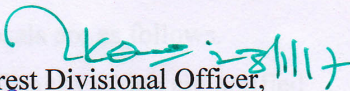
Encl: Proposals in (6) Sets along with Part-II.

Yours faithfully,


Forest Divisional Officer,
Paloncha

Copy submitted to the Conservator of Forests, Kothagudem Circle for favour of information.

Copy to the Superintending Engineer, TDWSP (RWS&S) Circle, Khammam for information.


Forest Divisional Officer,
Paloncha

(To be filled up by the Nodal Officer with date of receipt)

PART-II

(To be filled by the concerned Deputy Conservator of Forests)

State serial No. of proposal FP/TG/WATER/18949/2016

7. Location of the Project/Scheme:

- (i) **State/Union Territory** : Telangana
- (ii) **District.** : Erstwhile KHAMMAM
Presently falling in Bhadradri
District, Kothagudem
- (iii) **Forest Division** : PALONCHA
- (iv) **Area of forest land proposed for diversion (in Ha): 4.66 Ha**

Sl.No	Name of Range	Name of Beat	RF	Compt. No	Area under diversion (in Ha)
1	Dammapeta	Gandugulapally	Nagupally	317	0.055
2		Balarajugudem	Balarajugudem	318	0.2514
3		Dammapeta	J.M.Banjara (S)	196	0.0716
4		Balarajugudem	Balarajugudem	318	0.052
5		Balarajugudem	Balarajugudem	318	0.817
6		Mustibanda	Mustibanda	310	0.065
7		Mandalapally	Ranguvarigudem	307	0.079
8				--	0.515
9		Arlapenta	Nagupally Ext	211	0.15
10		Malkaram	Lachapuram	322	0.126
11		Bandarugumpu	Tirumalakunta	223	0.242
12		Bandarugumpu	Tirumalakunta	224	0.154
13		Dammapeta	J.M.Banjara (N)	316	0.1071
14		Mustibanda	Mustibanda Ext-1	313	0.0919
15		Sunnambatti	Duradapadu	242	0.0810
16		Sunnambatti	Duradapadu	244	0.1640
17		Mamillavarigudem	Yerrakonda	298	0.0720
Dammapeta Range Total:					3.094

1	Aswaraopeta	Kavadigundla & Kantlam	Katkur	36 & 28	The User Agency has submitted that the area passing through compt.Nos.36&28 in Katkur RF. The Forest Range Officer, erstwhile Paloncha Range has submitted that during his field inspection it was found that the area proposed by the User Agency is falling in private lands. Hence there is no diversion in the area.
2		Nandipadu	Dacharam	444	0.246 The Segment 25/14 also passing through the Compt.Nos.444 & 446 which is covered with Misc. forest growth. The details are enclosed.
3		Nandipadu	Lachapeta Ext-I	446	
4		Aswaraopeta	Aswaraopeta Ext-I	293	0.243
5				294	0.272
6		Gopannagudem	Katkur	259	0.213
7				260	0.213
8		Kannaigudem	Katkur-6	273	0.084
9		Kannaigudem	Katkur-7	274	0.008
10		Anantharam	Katkur	264	0.213
11		Anantharam	Katkur	265	0.074
Aswaraopeta Range Total:				1.566	
Grand Total:				4.660	

(v) **Legal status of forest.**

- 1) Lankapally RF Block of Dammapeta Range notified under section 15 vide G.O.No.369 dt. 10-6-1357 F Gazette .No.24 dt. 26-7-1357 F.
- 2) Nagupally RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No.750F&A, dt: 7-1-1974 F.
- 3) Mustibanda RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.NO.142 F&RD dt. 10-5-1974.
- 4) Jammedar Banjar (S) RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No.680 F&A dt. 11-7-1973.
- 5) Nagupally Extn. RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No.282 F&RD dt.29-6-1982.
- 6) Ranguvarigudem RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No. 304 F&RD dt. 14-8-84.
- 7) Latchapur RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No. 1752 dt. 11-12-1954.

- 8) Durudapadu RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No.837 F&A dt, 24-4-1969.
- 9) Tirumalakunta RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No.247 F&A dt.15-7-1974.
- 10) Yerrakonda RF Block of Dammapeta Range notified under section 15 vide G.O.Ms.No.672 F&A dt. 10-7-1973.
- 11) Jameddar Banjar (N) RF Block of Dammapeta Range notified under section 4 vide G.O.Ms.No. dt. 6-8-1970 Gazette.No.37 dt. 26-8-1970.
- 12) Mustibanda Extn. I RF Block of Dammapeta Range and the Notification proposals under section 24 of A.P.Forest Act, 1967 are under process.
- 13) Aswaraopeta Extn.I RF Block of Aswaraopeta Range notified under section 15 vide G.O.Ms.NO 328 F&RD dt.9-8-1974.
- 14) Katkoor (Part) RF Block of Aswaraopeta Range notified under section 4 vide G.O.Ms.No.418 dt. 9-9-1974.
- 15) Katkoor -VII RF Block of Aswaraopeta Range Un-notified. The Notification proposals under section 24 of A.P.Forest Act 1967 are under process.
- 16) Katkoor-VI RF Block of Aswaraopeta Range notified under section 15 vide G.O.Ms.No. 42 F&RD dt. 28-1-1984.
- 17) Katkur RF Block of Aswaraopeta Range notified under section 4 vide G.O.Ms. No. 418/F and R.P. For. III
- 18) Dacharam RF Block of Aswaraopeta Range notified under section 15 vide G.O.Ms.No.2201 F&A For-III, Dt:10-05-74.
- 19) Lachapeta Ext-I RF Block of Aswaraopeta Range notified under section 15 vide. G.O.Ms.No.550, Dt. 8.4.71.

(vi) Density of vegetation.

The Canopy density is less than 0.4 in Dammapeta and Aswaraopeta Ranges the vegetation comprises Nallamaddi (*Terminalia tomentosa*), *Nemalinara*, *Yegisa*, *Gumpena*, *Pachaari*, *Chennangi*, *Bandaru*, *Tellatamma*, *Battaganam*, *Tuniki*, *Narayepi*, *Pala*, *Thada* and *Chilla* . The source of arriving the density is from referring the GIS layers of Telangana Forest Department website.

- vii) **Species-wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation/hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.)**

Species – wise list enclosed.

Total summary of the proposed area **4.66 Ha**

Area in Ha.	Total No. of trees	Girth class wise no. of trees					Timber Cu.m	Fuel Cu.m	Total value (Rs.in Lac)
		Up to 30cm	31 to 60cm	61 to 90cm	91to 120 cm	Above 120cm			
1	2	3	4	5	6	7	8	9	10
4.66	320	0	89	87	79	64	82.5119	52.165	17.61577

- viii) **Brief note on vulnerability of the forest area to erosion.**

The canopy density of the vegetation is less than 0.4 in Dammapeta and Aswaraopeta Ranges. The terrain of the area is almost plain and light slope and also bottom of the hillock. The soils are not prone for any erosion due to the presence of the vegetation.

- ix) **Approximate distance of proposed site for diversion from boundary of forest.**

This is passing through Reserved Forest Area.

- x) **Whether forms part of National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed).**

No, the proposed area is not a part of any sanctuary or national park or Biosphere Reserve, Tiger Reserve, Elephant corridor etc.

- xi) **Whether any rare/endangered/unique species of flora and fauna found in the area if so, details thereof.**

No rare /endangered unique species of flora and fauna are found in the area.

- xii) **Whether any protected archaeological/heritage site/defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.**

No, There are no protected archaeological / heritage site / defense establishment or any other important monument is located in the area.

8. Whether 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. If no, recommended area item-wise with details of alternatives examined.

Yes, the requirement of Forest Land as proposed by the user agency is unavoidable and barest minimum for the project.

9. Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.

No

10. Details of compensatory afforestation scheme:

It is submitted that as per GOI, MoEF, Lr.F.No.11-9-98-FC, Dt:16-06-2011. No CA to be insisted upon in Drinking Water Projects in Left Wing Extremism Districts where the diversion of Forest Land is upto 5.00 Ha in each project. Hence, the CA is not applicable in this project.

11. Site inspection report of the D.C.F (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.

I have inspected the area proposed for diversion on 29-10-2016 & 03-01-2017. The Site inspection report is enclosed here with.

12. Division/District profile:

(i) Geographical area of the district : 1,60,29,000 Ha
Division: 404035.00 Ha

(ii) Forest area of the district : 7,48,882 Ha
Division: 103303.53 Ha

(iii) Total forest area diverted since 1980 with number of cases.

22 Cases in 3442.4018 Ha.

(iv) Total compensatory afforestation stipulated in the district/division since 1980 on

(v)

(a) forest land including penal compensatory afforestation,

1248.15 Ha. Planted.
121.31 Ha ANR
Total : 1369.46 Ha

