

ಕರ್ನಾಟಕ ಸರ್ಕಾರ
GOVERNMENT OF KARNATAKA

ಪ್ರಧಾನ ಮುಖ್ಯ ಅರಣ್ಯ ಸಂರಕ್ಷಣಾಧಿಕಾರಿ
(ಅರಣ್ಯ ಪಡೆ ಮುಖ್ಯಸ್ಥರು) ರವರ ಕಚೇರಿ

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



ಅರಣ್ಯ ಭವನ, 18ನೇ ಅಡ್ಡರಸ್ತೆ
ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು-560 003.
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E-office File No. KFD/HoFF/A5-4(GFL)/80/2019-FC

E-137681

Encl. 3 sets

Date 15-07-2022

18

To,

The Additional Chief Secretary to Government
Forest, Ecology & Environment Department
M.S. Building, Bengaluru-560 001

Sir,

Sub: Diversion of 8.49 hectare of forest land in Ballari District, Vijayanagara District, Chitradurga District and Tumkur District (totally 37 villages in 3 districts) for laying Water Pipelines and Construction of Ground Level Service Reservoirs (GLSRs) under Drinking Water Supply Scheme to Rural Habitations and towns of Pavagada Taluk of Tumkur District, Molakalmuru Taluk, Challakere Taluk in Chitradurga District and Kudligi Taluk in Ballari District in favour of the Superintending Engineer, Rural Drinking Water and Sanitation Department Bengaluru

Proposal No. FP/KA/WATER /41470/2019 [FORM-A]

- Ref:**
1. Online Proposal [FORM-A PART-I] dated 08-03-2021 (re-submitted) of the Superintending Engineer, Rural Drinking Water and Sanitation Department Bengaluru (RDW&S), Tumkur r/w uploading of Acknowledgement on 18-05-2021 for having delivered the hard copies of the proposal to jurisdictional Deputy Conservator of Forests & Deputy Commissioner
 2. This office online communication dated 19-05-2021 to Deputy Conservator(s) of Forests, Ballari, Chitradurga and Tumkur Division(s) for further processing of the proposal
 3. Online submission of PART-II by Deputy Conservator of Forests, Ballari Division on 11-06-2022 [Letter No. MI/MNG/RDSWP/Proposal/2020-21 dated 09-06-2022]
 4. Online submission of PART-II by Deputy Conservator of Forests, Chitradurga Division on 10-06-2022 [Letter No. A6/FC/MLK/CLK/CR-07/2019-20 dated 09-06-2022]
 5. Online submission of PART-II by Deputy Conservator of

Forests, Tumkur Division on 03-06-2022 [Letter No. A8/Land/CR-34/CR-36/2021-22 dated 06-06-2022]

6. Online submission of PART-III by Chief Conservator of Forests, Ballari Circle on 18-06-2022 [Letter No. M1/MNG/Pavagada Drinking Water/CR-18/2022-23/437 dated 14-06-2022]

7. Online submission of PART-III by Chief Conservator of Forests, Hassan Circle on 18-06-2022 [Letter No. A8/Land/Water-41470/2019 dated 18-06-2022]

1. Superintending Engineer, Rural Drinking Water and Sanitation Department Bengaluru [USER AGENCY] vide Ref (1) has submitted an online proposal [FORM-A PART-I] through FC Web Portal seeking approval under Section 2 of the Forest (Conservation) Act, 1980 for diversion of 8.49 hectare of forest land in Ballari District, Vijayanagara District, Chitradurga District and Tumkur District (totally 37 villages in 3 districts) for laying Water Pipelines and Construction of Ground Level Service Reservoirs (GLSRs) under Drinking Water Supply Scheme to Rural Habitations and towns of Pavagada Taluk of Tumkur District, Molakalmuru Taluk, Chalakere Taluk in Chitradurga District and Kudligi Taluk in Ballari District. After acceptance of the proposal by Nodal Officer (FCA) for further processing, the User Agency has delivered the hard copies of the proposal to Deputy Conservator of Forests, Tumkur Division & Deputy Commissioner, Tumkur District, Deputy Conservator of Forests, Ballari Division & Deputy Commissioner, Ballari District and also to Deputy Conservator of Forests, Chitradurga Division and Deputy Commissioner, Chitradurga District and has uploaded the Acknowledgment on the web portal on 18-05-2021. Accordingly, an online communication was made by Nodal Officer vide Ref (2) to the Deputy Conservator of Forests, Ballari Division, the Deputy Conservator of Forests, Tumkur Division and Deputy Conservator of Forests, Chitradurga Division for further processing of the proposal under FC Act.
2. **Location details and Component wise break up:** Location details of the forest land proposed for diversion are given in **ANNEXURE-I**
3. **DCF, Ballari Division Report:** The Deputy Conservator of Forests, Ballari Division has inspected the proposed area on 22-03-2022 and 08-06-2022 and vide Ref (3) has submitted his Site Inspection Report along with recommendation in PART-II to the Chief Conservator of Forests, Ballari Circle. Main features of the proposal based on the Deputy Conservator of Forest's, Ballari report r/w report of Chief Conservator of Forests, Ballari Circle and that of ICT Centre of Forest Department are summarized below:-

- a. The forest land proposed for diversion is flat and thus not vulnerable to soil erosion.
 - b. The forest land proposed for diversion is in general landscape of Eco-Class IV (Tropical Thorn Forest) with canopy density up to 0.4 (Open Forest).
[Note: The entry made in Item 4(i) of PART-II may be read accordingly.]
 - c. As per Item 4(ii) of PART-II, there are 3041 trees in different girth classes in the forest land proposed for diversion. Main species include *Anogeissus latifolia*, *Buchanania angustifolia*, *Grewia tiliifolia*, *Terminalia tomentosa*, *Chloroxylon swietenia* and *Lagerstroemia parviflora* etc.
 - d. Major wild animals present in and around the project area include Leopard, Sloth bear and Jackal etc.
 - e. There are some of the rare / endangered / unique species of flora and fauna reported in and around the forest land proposed for diversion such as leopard, Sloth bear and Jackal etc.
 - f. The forest land proposed for diversion forms a part of Gudekote Sloth Bear Wildlife Sanctuary. Which is a Protected Area notified under Wildlife (Protection) Act, 1972.
 - g. The forest land proposed for diversion is located within the Eco-Sensitive Zone (ESZ) of Gudekote Sloth Bear Wildlife Sanctuary. Which is notified under the Wildlife (Protection) Act, 1972.
 - h. There are no Protected / Archaeological/ Heritage Sites/ Defence establishments located in the proposed area.
 - i. The forest area proposed for diversion is the bare minimum and unavoidable.
 - j. There is no violation reported under Forest (Conservation) Act, 1980.
4. **DCF, Chitradurga Division Report:** The Deputy Conservator of Forests, Chitradurga Division has inspected the proposed area on 05-06-2022 and vide Ref (4) has submitted his Site Inspection Report along with recommendation in PART-II to Chief Conservator of Forests, Ballari Circle. Main features of the proposal based on the Deputy Conservator of Forest's, Chitradurga report r/w report of Chief Conservator of Forest, Ballari Circle and that of ICT Centre of Forest Department are summarized below:-
- a. The forest land proposed for diversion is flat and thus not vulnerable to soil erosion.
 - b. The forest land proposed for diversion is in general landscape of Eco-Class III (Tropical Dry Deciduous) with canopy density up to 0.4 (Open Forest).
[Note: The entry made in Item 4(i) of PART-II may be read accordingly.]

- c. As per Item 4(ii) of PART-II, there are no trees on the forest land proposed for diversion.
- d. Major wild animals present in and around the project area include the Sloth Bear, Leopard, Wild Boar, Peacock and Hare etc,
- e. There are no rare / endangered / unique species of flora and fauna reported in and around the forest land proposed for diversion.
- f. There are no National Park/ Wildlife Sanctuary/ Biosphere Reserve/ Tiger Reserve/ Elephant Corridor/ Wildlife Migration Corridor within one kilometre from the boundary of the forest land proposed for diversion.
- g. The forest land proposed for diversion is located within Eco-Sensitive Zone (ESZ) of Gudekote Sloth Bear Wildlife Sanctuary. Which is notified under Wildlife (Protection) Act, 1972.
- h. There are no Protected/ Archaeological/ Heritage Sites/ Defence establishments located in the proposed area.
- i. The forest area proposed for diversion is the bare minimum and unavoidable.
- j. There is no violation reported under the Forest (Conservation) Act, 1980

5. DCF, Tumkur Division Report: The Deputy Conservator of Forests, Tumkur Division has inspected the proposed area on 21-07-2021 and vide Ref (5) has submitted his Site Inspection Report along with recommendation in PART-II to the Chief Conservator of Forests, Hassan Circle. Main features of the proposal based on the Deputy Conservator of Forests, Tumkur report r/w report of Chief Conservator of Forests, Hassan Circle and that of ICT Centre of Forest Department are summarized below:-

- a. The forest land proposed for diversion is subject to excessive grazing and due to which the destruction of forest cover have accelerated soil erosion and formation of gullies. Most of the land are extremely stony, hard and impermeable to rain water.
- b. The forest land proposed for diversion is in general landscape of Eco-Class III (Tropical Dry Deciduous) with canopy density up to 0.4 (Open Forest).
[Note: The entry made in Item 4(i) of PART-II may be read accordingly.]
- c. As per Item 4(ii) of PART-II, there are 68 trees in different girth classes in the forest land proposed for diversion. Main species include *Holoptelea integrifolia*, *Azadirachta indica*, *Cassia siamea*, *Wrightia tinctorial*, *Cassia fistula*, *Syzygium cumini*, *Prosopis juliflora*, *Acacia amara* and *Stereospermum chelonoides* etc.,


- d. Major wild animals present in and around the project area include the Leopard, Bear, Wild Boar, Peacock etc.,
 - e. There are no rare / endangered / unique species of flora and fauna reported in and around the forest land proposed for diversion.
 - f. There are no National Park/ Wildlife Sanctuary/ Biosphere Reserve/ Tiger Reserve/ Elephant Corridor/ Wildlife Migration Corridor within one kilometre from the boundary of the forest land proposed for diversion.
 - g. The forest land proposed for diversion is not located within Eco-Sensitive Zone (ESZ) of any Protected Area notified under Wildlife (Protection) Act, 1972.
 - h. There are no Protected/ Archaeological/ Heritage Sites/ Defence establishments located in the proposed area.
 - i. The forest area proposed for diversion is the bare minimum and unavoidable.
 - j. There is no violation reported under Forest (Conservation) Act, 1980
6. **CCF, Ballari Circle Report:** The Chief Conservator of Forests, Ballari Circle has not inspected the site personally. However, agreeing with the recommendation made by the Deputy Conservator of Forests, Ballari Division and Chitradurga Division, the Chief Conservator of Forests, Ballari Circle has also recommended the proposal. Specific comments of the Chief Conservator of Forests, Ballari Circle are mentioned in PART-III of the proposal cited Ref (6) above.
7. **CCF, Hassan Circle Report:** The Chief Conservator of Forests, Hassan Circle has inspected the site on 17-06-2022 and agreeing with the recommendations of the Deputy Conservator of Forests, Tumkur Division has recommended the proposal. Specific comments of the Chief Conservator of Forests, Hassan Circle are mentioned in PART-III of the proposal cited at Ref (7) above.
8. **Net Present Value (NPV):** The User Agency is required to pay the Net Present Value (NPV) of forest land proposed for diversion as per Para 3.1 to 3.4 of the FC Guidelines communicated by Government of India, Ministry of Environment, Forests and Climate Change, New Delhi vide F.No. 5-2/2017-FC dated 28-03-2019. **The User Agency will be required to pay the applicable charges as per the order issued vide the Government of India, Ministry of Environment, Forests and Climate Change (Forest Conservation Division), New Delhi letter F.No. 5-3/2011-FC(Vol-I) dated 06-01-2022 (*guidelines regarding revised rates of NPV*), dated 19-01-2022 (*regarding proposals applicable for revised rate of NPV*) and dated 22-03-2022 (*regarding proposals applicable for revised rate of NPV*).** The User Agency has uploaded/submitted an Undertaking agreeing to pay the Net Present Value (NPV) of the forest land proposed for diversion.

9. **Compensatory Afforestation (CA):** The User Agency being a State Government Agency is required to provide an equivalent extent of non-forest land towards Compensatory Afforestation. Accordingly, **the User Agency has proposed an extent of 8.665 Ha of non-forest land in Avinamadugu Village Sy No. 217, Toranagal Hobli, Sandur Taluk, Ballari district and in Gudekote Village Sy No. 129, Gudekote Hobli, Kudagali Taluk, Vijayanagara district for Compensatory Afforestation purpose.** The process of mutation and formal transfer of the said land is underway. The Deputy Conservator of Forests, Ballari has inspected the lands on 15-02-2022 and 08-06-2022 and has issued CA Land Suitability Certificate dated 01-02-2022 and 09-06-2022 for both of the CA lands. He has also submitted the CA Scheme. As the said lands cannot support the required number (1000) of CA plants per hectare, the Deputy Conservator of Forests, Ballari has identified an extent of 4.937 of degraded forest land (*Marutla North Esatern Extention Reserve Forest*) in Avinamadugu Village Sy No. 274 and 250, Toranagallu Hobli, Sandur Taluk, Ballari District to plant the remaining number of plants. The CA related documents (*Topo Map, Geo-referenced Map with GPS reading of all corners, CA Scheme and CA Land Suitability Certificate*) are enclosed herewith. They have also been uploaded online in PART-I/II of the proposal. **The User Agency has also submitted an Undertaking dated 19-05-2022 to pay the Compensatory Afforestation charges.**
10. **Status of RoFR compliance:** With regard to compliance of the provisions of Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forests Rights) Act 2006 and Rules 2008, the User Agency has not furnished the requisite **FRA Certificate in FORM-II (for Hybrid projects)** issued by the jurisdictional Deputy Commissioner as per the FC Guidelines communicated by Government of India, Ministry of Environment, Forests and Climate Change, New Delhi vide F.No. 5-2/2017-FC dated 28-03-2019. **The User Agency is being informed again to obtain the said certificate in prescribed format and submit the same.**
11. **Wildlife Clearance:** As the proposal involves diversion of forest land inside a Protected Area (i.e Gudekote Sloth Bear Wildlife Sanctuary), the User Agency will have to obtain the wildlife clearance for the proposal from the National Board for Wildlife. The Deputy Conservator of Forests and Wildlife Warden, Ballari Division has submitted Wildlife Proposal Part- I (*which has been filled by the User Agency*) and II (*which has been filled by the DCF, Ballari*) to the Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, Karnataka through Parivesh web-portal on 26-06-2022 for further processing for Wildlife Clearance. **The User Agency is being informed once again to obtain such wildlife clearance for the project**

In light of the facts stated above, it is requested to move the proposal with the Government of India for according 'in-principle' (Stage-I) approval for diversion of 8.49 hectare of forest land in Ballari District, Vijayanagara District, Chitradurga District and Tumkur District (totally 37 villages in 3 districts) for laying Water Pipelines and Construction of Ground Level Service Reservoirs (GLSRs) under Drinking Water Supply Scheme to Rural Habitations and towns of Pavagada Taluk of Tumkur District, Molakalmuru Taluk, Challakere Taluk in Chitradurga District and Kudligi Taluk in Ballari District in favour of the Superintending Engineer, Rural Drinking Water and Sanitation Department Bengaluru for a period of 20 years subject to submission of FRA Certificate in FORM-II (for Hybrid projects) and further subject to the conditions appended in Annexure 'A'.


The hard copy of the proposal along with the relevant documents in 3 sets is submitted herewith for further needful. The present status of the proposal obtained from the FC web portal is also appended for information.

Yours Faithfully


(Raj Kishore Singh IFS) 16.7.22
Principal Chief Conservator of Forests
(Head of Forest Force)


Copy to the:

1. Chief Conservator(s) of Forests, Ballari Circle, Ballari and Hassan Circle, Hassan for information.
2. Deputy Conservator(s) of Forests, Tumkur / Chitradurga and Ballari Division, Tumkur / Chitradurga / Ballari for information.
3. The Superintending Engineer, Rural Drinking Water and Sanitation Department KSDB Building, 1st Floor, Rishaldar Road, Sheshadripuram, Bangalore-560 020 for information and **with a request to obtain and submit the FRA Certificate in FORM-II (for Hybrid Projects) as mentioned above at the earliest.**


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16.7.22

ANNEXURE 'A'

1. The legal status of forest land shall remain unchanged and it shall continue to be forest land.
2. The User Agency shall pay the applicable Net Present Value (NPV), Compensatory, Plantation cost of extraction of trees, land lease rent and any other levies as per the conditions of approval.
3. The User Agency shall demarcate the lease area in the manner specified at the time of approval at its own cost.
4. The User Agency should provide drinking water facility to the Gudekote Wildlife Sanctuary at their cost as and when requested by the Deputy Conservator of Forests.
5. The lessee shall not sub-lease, mortgage & hypothecate the forest area.
6. The leased-out area should be used for the purpose for which it is granted. In case the land is not used for the stipulated purpose within two years or when it is no longer needed for the stipulated purpose, the area would stand resumed to the Forest Department.
7. No change in Land Use Plan on forest land shall be done except with prior approval of Government of India under FC Act 1980.
8. The application for renewal of the lease in the prescribed form and manner shall be submitted at least six months prior to the expiry of forest lease. In case no renewal is sought, the Lessee shall hand over the lease.
9. No residential or commercial buildings shall be permitted in the forest area proposed for diversion.
10. No crushing / breaking of stones or labour camp shall be allowed on forest land and all waste / debris generated shall be scientifically disposed off outside the forest area.
11. Any damage to forest area because of implementation of the proposal shall be compensated by the Lessee. The extent of damage shall be assessed by the jurisdictional Deputy Conservator of Forests/ Conservator of Forests/ Chief Conservator of Forests.
12. The Lessee shall ensure that no avoidable harm is caused to the fauna and flora in and around the proposed area.
13. In case, any violation of the provisions of the Karnataka Forest Act, 1963 & Rules, 1969 or other relevant Acts/Rules is reported during the lease period, the lease will be liable for forfeiture under Section 82 of Karnataka Forest Act, 1963. The Chief Conservator of Forests / Deputy Conservator of Forests concerned are authorized to take necessary action in this regard.
14. The approval under the Forest (Conservation) Act, 1980 is subject to any other clearances necessary under the prevailing statutes.
15. The User Agency shall also abide by other conditions those may be imposed by the Government of India, Government of Karnataka and Principal Chief Conservator of Forests (Head of Forest Force) before or after the approval.


(Raj Kishore Singh IFS) 16-2-20
Principal Chief Conservator of Forests
(Head of Forest Force)

PART - IV

(To be filled in by the Nodal Officer or Principal Chief Conservator of Forests or Head of Forest Department)

Detailed opinion & specific recommendation of the State Forest Department for acceptance or otherwise of the proposal with remarks.

(While giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon.)

Recommended for diversion of 8.49 hectare of forest land in Ballari District, Vijayanagara District, Chitradurga District and Tumkur District (totally 37 villages in 3 districts) for laying Water Pipelines and Construction of Ground Level Service Reservoirs (GLSRs) under Drinking Water Supply Scheme to Rural Habitations and towns of Pavagada Taluk of Tumkur District, Molakalmuru Taluk, Challakere Taluk in Chitradurga District and Kudligi Taluk in Ballari District in favour of the Superintending Engineer, Rural Drinking Water and Sanitation Department Bengaluru for a period of 20 years subject to submission of FRA Certificate in FORM-II (for Hybrid projects) and further subject to the conditions appended in Annexure 'A'.

Proposal No. FP/KA/WATER /41470/2019 [FORM-A]

Signature:



Name:

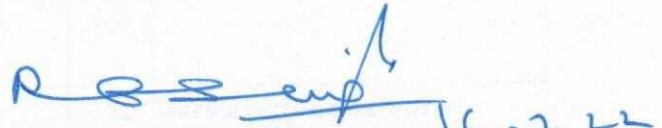
(VIJAY SHARMA IFS)

Designation:

Principal Chief Conservator of Forests
(Forest Conservation) and Nodal Office (FCA)

(Official Seal)

Countersigned by :



Name:

(RAJ KISHORE SINGH IFS)

Designation:

Principal Chief Conservator of Forests
(Head of Forest Force)

(Official Seal)

N.D.O. No: 24/2022-23

Date: 18-07-2022

ANNEXURE

Location details Component wise break up: Location details of the forest land proposed for diversion are given as below


District, Taluk, Hobli	Village	Sy No.	Legal Status of land
Vijayanagara District, Hospet Taluk, Mariyammanahalli Hobli	Danayakanakeri	604	Nandibanda Reserve Forest (Notification No. 250 dated 24-06-1902)
		605	
		597	
Ballari District, Sandur Taluk, Choranuru Hobli	Hulikunta 73	55	Shivapura Reserve Forest (Notification No. 57 dated 17-02-1895)
		51A	
		49	
		48	
		14	
		15	
		16	
		17	
Ballari District, Kudligi Taluk, Kudligi Hobli	Shivapura	529	
		530	
Ballari District, Kurugodu Taluk, Kurugodu Hobli	Thimalapura	230	
		231	
		235	
		105	
		105	Sandal Area Reserve Forest (Notification No. 156 dated 24-03-1914)
Vijayanagara District, Hadagali Taluk, Hirehadagali Hobli	Pothalakatte	105	
		167	
		166	
		56	
Ballari District, Kudligi Taluk, Gudekote Hobli	Jarmarli	152	Jarmalai Reserve Forest (Notification No. 34 dated 17-01-1905)
		150	
		151	
	Haravadi	154	Kakkuppi Reserve Forest (Notification No. 277 dated 30-05-1893)
		218	
		219	
	Ramadurga	162	Ramadurga Reserve Forest (Notification No. 595 dated 15-03-1893)
		681	
	Gudekote	27	
	Sidegallu	158	
		159	
		160	
		179	

		180	
		181	
		182	
		183	
		191	
		192	
Ballari District, Kudligi Taluk, Hosahalli Hobli	Banavikalu	68	Bavinakallu Reserve Forest (Notification No. 213 dated 17-02-1892)
		69	
	Suladahalli	354	
		355	
	Hosahalli	33	Hosahalli Reserve Forest (Notification No. 46 dated 31-01-1905)
		34	
		32	
		31	
		19	
		20	
		25	
		24	
		23	
		441	
		440	
		443	
		444	
		457	
		458	
		455	
		454	
		453	
	Jambobanahalli	603	
Chitradurga District, Molakalmuru Taluk, Devasamudra Hobli	Malleruvu	7	Krishnarajpur State Forest (Notification No. 535-6591 dated 12-02-1904)
		12	
	Kelaginnakanive	8	
		45	
		48	
	Bandravi	162	Bandravi State Forest (Notification No. 530-6581 dated 11-02-1904)
		163	
		164	
		165	
		156	
		154	
		94	

		96	
		97	
		98	
		68	
		103	
		104	
		175	
	Melinakanive	26	
	Santhegudda	23	
		10	
Chitradurga District, Molakalmuru Taluk, Kasaba Hobli	Molakalmuru	13	Hire adavi State Forest (Notification No. 571-6845 dated 19-02-1904)
	Hanagal	38	
		129	
Chitradurga District, Challakere Taluk, Kasaba Hobli	Suramanhalli	26	Kamara kaval State Forest (Notification No. 552-6750 dated 17-02-1904)
	Kamarada kaval	1	
		2	
	Muttigarannahalli	30	
	Arravindodi	14	
	Tumukurlahalli	78	Challakere Reserve Forest (Notification No. G. 9665 -Ft. 278-36-5 dated 01-06-1938)
	Chalakere	262	
		263	
		264	
		265	
		267	
	Nannivala	207	
Chitradurga District, Challakere Taluk, Nayakanahatti Hobli	Mullarahalli	126	Mallurahalli Reserved Forest (Notification No. G. 12615-FT- 281-28-3 dated 09-04-1929)
		128	
	Abbinahalli	42	
		40	
Chitradurga District, Challakere Taluk, Parashurampura Hobli	Jajuru kaval	64	Jajuru Kaval Reserve Forest (Notification No. AFD-24 FAF- 63 dated 29-01-1964)
	Nagagondanahalli	74	Nagagondanahalli Section-4 (Notification No. FEE-84-FAF- 2007 dated 19-07-2017)
		73	
	Chowluru	16	Allapura Bridge Plantation
	Channammanagathihalli	59	Forest Land
Tumkur District, Pavagada Taluk, Nidagal Hobli	Nidigalu	1	Nidagal Reserved Forest (Notification No. R. 1154-Ft. 181-04-3 dated 26-07-1905)
	Timalapur	8	

Component wise breakup of the forest land requirement for the project is given below.

Component wise breakup		
Sl No.	Component	Forest Land(ha.)
1	IPS 2 PUMP HOUSE--Chalakere-SY No: 263	0.16
2	WATER TANK - --Nidigalu-SY No: 1	0.04
3	WATER TANK - --Timalapur-SY No: 8	0.16
4	PIPE LINE -1350mm DIA	4.266
5	PIPE LINE -900mm DIA	0.418
6	PIPE LINE -600mm & 700mm DIA	0.058
7	PIPE LINE -500mm DIA	0.139
8	PIPE LINE -250mm DIA	0.325
9	PIPE LINE -200mm & 150mm DIA	0.05
10	PIPE LINE -200mm DIA	1.05
11	PIPE LINE -150mm DIA	0.427
12	PIPE LINE -100mm DIA	0.79
13	ELECTRICAL LINE TO IPS 2	0.183
14	APPROACH ROAD FOR PIPE LINE	0.109
15	APPROACH ROAD FOR TANK	0.315
Total		8.49


 (Raj Kishore Singh IFS) 16-72L
 Principal Chief Conservator of Forests
 (Head of Forest Force)