



# Visvesvaraya Jala Nigam Limited

(A Government of Karnataka Enterprise)

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Office of the,  
Executive Engineer,  
VJNL, Upper Bhadra Project  
Division-02, B R Project

No: VJNL/UBP/Div-2/BRP/PB/2024-25/1065

Date: 07-01-2025

To,

Deputy Conservator of Forests,  
Shivamogga Division,  
Shivamogga

Respected Sir,

**Subject :** Re-diversion and change of land use in 7.53 Ha of forest land in Kanagalakoppa village, Sy No: 20,55,56,58,59,60 & 69, Mandagadde Hobli, Thirthalli taluk. Shivamogga District and Forest Division and K.Kanaburu village, Sy No 82,83,97,98,99 and Muttinakoppa Village Sy No: 73, Kasaba Hobli, Narasimharajapura taluk, Chikkamagaluru District (Koppa Forest Division) for laying 220 KV Transmission line under Upper Bhadra Project Package-1 (Upper bhadra Project Lift Irrigation Scheme for lifting of 17.40 TMC of water Tunga River to Bhadra Reservoir and then further lifting of 29.7 TMC of water from Bhadra Reservoir to Chitradurga, Tumkuru part of Chikkamagaluru and Davanagere districts to fill 367 tanks and irrigate 2.25 lakh hectare through micro irrigation) from Karanataka Neeravari Nigam Limited (Primary User Agency) to Executive Engineer, Visvesvaraya Jala Nigam limited (VJNL), Upper Bhadra Project Division No.02, Shivamogga (Secondary User Agency)- **Submission of Revised Compliance report reg.**

- Reference :**
1. Forest Proposal No: FP/KA/TRANS/42309/2019
  2. The approval under Section-2 of FC act, 1980 (Stage-2) for the diversion of 449.55 Ha for UTP obtained vide MoEF letter No: F.No:8-30/97-FC dated: 14-12-2004.
  3. The Additional Chief Secretary to Government of Karnataka, Forest, Ecology and Environment Development, M.S Building, Bengaluru office letter No: FEE 42 FLL 2021 (e) dated: 14-06-2021
  4. Deputy inspector General of Forests (Central), MoEF, Integrated Regional office, Kendriya Sadan, Koramangala, Bengaluru office letter No: F.No.4 KRC1298/2021-BAN 172 dated: 30-06-2021
  5. This office letter No: 405 dated: 13-7-2021
  6. Executive Engineer, KNNL, Upper Tunga Project Division, Shivamogga office letter No: 1002 dated: 20-07-2021.
  7. This office letter No: 578 dated: 25-08-2021
  8. The Government of Karnataka Notification No: Apaji 130 FAF 2024 dated: 24-12-2024 issued by Under Secretary, Ministry of Forest, Ecology and Environment.
  9. Executive Engineer, KNNL, Upper Tunga Project Division, Shivamogga office letter No: 2664 dated: 06-01-2025.

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With reference to the above cited subject, vide ref (3) the proposal for diversion of 3.4007 Ha of forest land and Re-diversion of 4.1294 Ha of forest land in Koppa and Shivamogga forest division for

the 220 KV Transmission line work under Upper Bhadra Project, Package-1 was recommended by the State government and the same was submitted to MoEF, Integrated Regional office, Kendriya Sadan, Koramangala, Bengaluru on dated: 16-06-2021 for Stage-1 approval. After verification, vide ref (4), the Deputy inspector General of Forests (Central), MoEF has requested to furnish few clarification/information.

Earlier vide ref (7), the compliance report for the clarification/information sought by MoEF was submitted. As one of the condition laid in the Stage-2 forest clearance for Upper Tunga Project was under compliance stage, the further submission of compliance report was pending. Vide ref (8), the State Government has declared the Reservoir portion of Upper Tunga Project as forest area and the same was communicated by the Executive Engineer, KNNL, Upper Tunga Project Division, Shivamogga vide ref (9).

Hence the revised compliance for the clarification/information sought by the Deputy inspector General of Forests (Central), MoEF is submitted as below,

SI No	Clarification/information sought	Compliance
1	Map depicting the alternatives examined along with its details.	In the proposal booklet already submitted to the MoEF, the map showing Alternate alignments was not provided. During the approval of the alignment, 3 alternate alignments were examined and Alignment No-2 was found more feasible. The Alignment No-2 was situated well within the diverted land of Upper Tunga Project and doesn't require fresh forest land for the said work. The Map showing the 3 alternate Alignments ( <b>Annexure-A</b> ) and the comparative statement showing the feasibility of Alignments ( <b>Annexure-B</b> ) is annexed herewith.
2	Legible map showing area proposed re-diversion and fresh diversion	The legible map along with the details of Re-diversion and Fresh diversion is annexed. ( <b>Annexure-C</b> ).
3	Details of compliance report for the conditions stipulated by Ministry vide letter dated 14/12/2004 for diversion of 449.55 Ha of forest land to Upper Tunga Project.	Vide ref (5), it was requested to Executive Engineer, KNNL, Upper Tunga Project Division, Shivamogga (Primary User Agency) to provide a copy of compliance report for the conditions stipulated by MoEF vide letter dated 14/12/2004. Vide ref (6) & (7), Primary User Agency has provided the copy of the compliance report. The same is annexed vide <b>Annexure-D</b> .

The Upper Bhadra Project, Package-1 is the major source of the UBP, Scheme, as the work of power supply arrangement is critical and essential activity to commission the UBP, Package-1 LIS. Without the power supply arrangement, the package work will be incomplete. The compliance to the information sought by the Deputy inspector General of Forests (Central), MoEF is submitted for kind information and hereby requested to recommend the proposal no: FP/KA/TRANS/42309/2019 for In-Principle (Stage-1) approval as earliest.

Yours faithfully,



Executive Engineer,

VJNL, UBP Division-02,




B R Project



**Compliance report for the Clarifications/information sought by Deputy Inspector General of Forests (Central), Kendriya Sadan, MoEF, Integrated Regional office, Bengaluru vide letter No: F.No 4 KRC 1298/2021-BAN 172 dated: 30-06-2021**

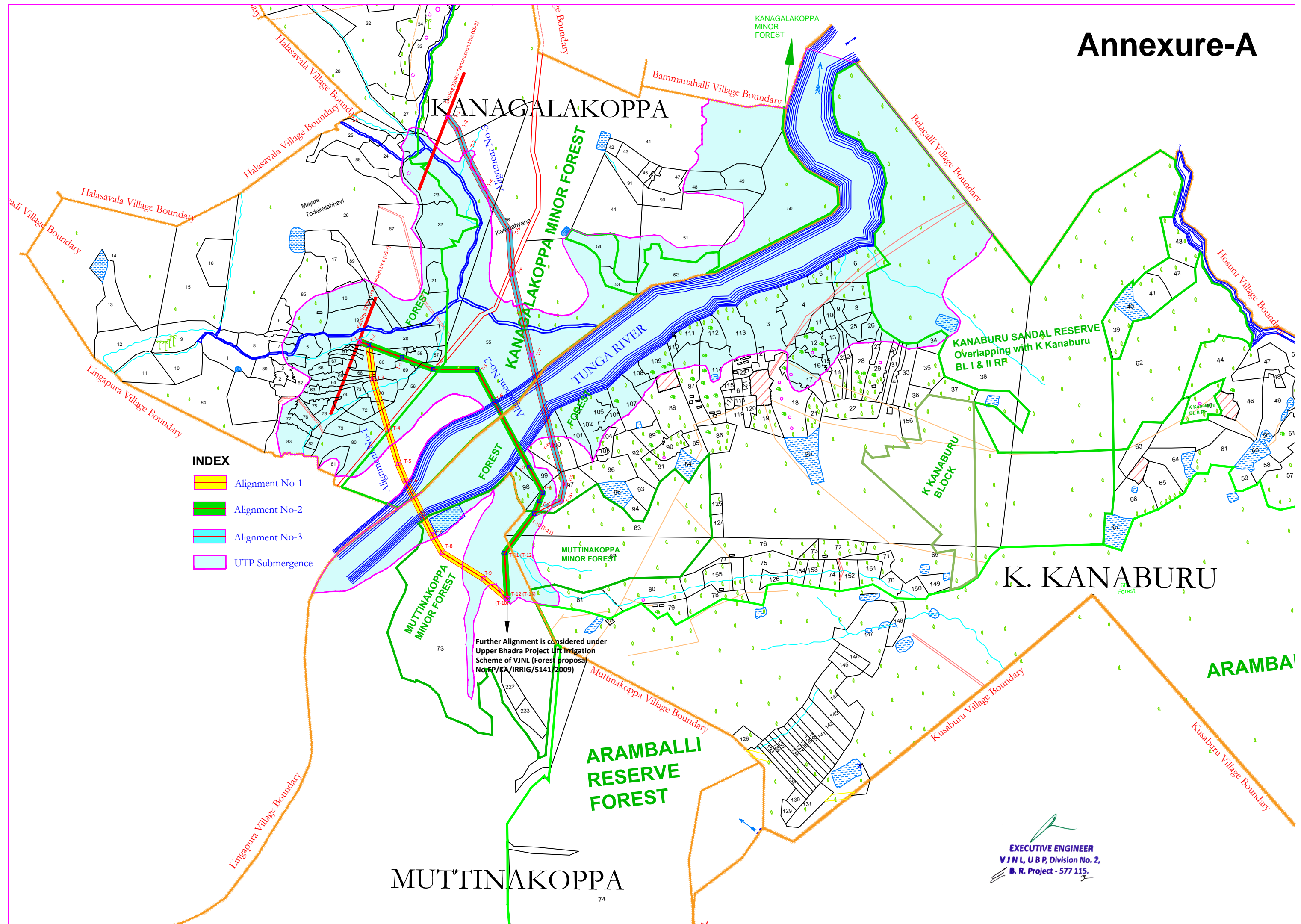
Sl No	Clarification/information sought	Compliance
1	Map depicting the alternatives examined along with its details.	In the proposal booklet already submitted to the MoEF, the map showing Alternate alignments was not provided. During the approval of the alignment, 3 alternate alignments were examined and Alignment No-2 was found more feasible. Eventhough Alignment-1 is shorter in length, the foundation for Transmission line towers is not technically feasible. The Alignment No-2 was situated well within the diverted land of Upper Tunga Project and doesn't require fresh forest land for the said work. Also, the foundation strata for Alignment-2 are acceptable. The Map showing the 3 alternate Alignments ( <b>Annexure-A</b> ) and the comparative statement showing the feasibility of Alignments ( <b>Annexure-B</b> ) is annexed herewith.
2	Legible map showing area proposed re-diversion and fresh diversion	The legible map along with the details of Re-diversion and Fresh diversion is annexed. ( <b>Annexure-C</b> ).
3	Details of compliance report for the conditions stipulated by Ministry vide letter dated 14/12/2004 for diversion of 449.55 Ha of forest land to Upper Tunga Project.	It was requested to the Executive Engineer, KNNL, Upper Tunga Project Division, Shivamogga (Primary User Agency) to provide a copy of compliance report for the conditions stipulated by MoEF vide letter dated 14/12/2004. Primary User Agency has provided the copy of the compliance report. The same is annexed vide <b>Annexure-D</b> .

  
 Executive Engineer,  
 VJNL, UBP Division-02,  
 B.R.Project

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# Annexure-A




Comparison statement

Sl No	Description	Alignment-1	Alignment-2	Alignment-3
1	Transmission line length	1.77 Km	2.15 Km	3.01 Km
2	No of Towers	10	12	13
3	Site suitability for tower foundations	At proposed Tower No 3,4,6,7 and 8, the bearing capacity of soil is very less and the hard strata was much deeper from the ground level. Also at proposed Tower No 4, 6 and 7 locations, water will be present throughout the year. Hence the foundation cost and construction cost will be more and difficult.	The bearing capacity of foundation soil is good at 5 m depth. The hard strata is relatively closer to the ground level. The water will be receded in the off rainy seasons and work can be executed in that period.	The bearing capacity of foundation soil is good at 3 to 5 m depth. Except at Proposed tower No: 7 location, hard strata for tower foundations was relatively closer to the ground. The water will be receded in the off rainy seasons and work can be executed in that period.
4	No of trees	Around 40	Around 15	Around 25
5	Plantation	Around 280 m (Private)	Nil	Around 310 m (KFD)
6	Status of land	6.26 Ha ( Forest Land )	7.53 Ha (Forest land)	10.50 Ha (Forest land)
a	UTP Submergence	4.67 Ha	7.53 Ha	7.51 Ha
b	Fresh forest land	1.59 Ha	Nil	2.99 Ha
7	Transportation & Maintenance possibility	80%	90%	75%
8	Railway Crossing	Nil	Nil	Nil
9	River Crossing	1 No	1 No	1 No

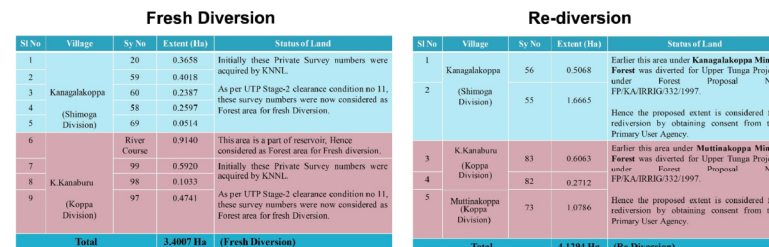
Considering the above facts, **Alignment No-2** is proposed for approval from competent authority for the following reasons,

- Less ROW Problems
- Construction and O&M problems are less
- Accessibility is more
- The line passes through submerged land
- Less number of trees to be removed
- No power line crossing is in this route
- No plantation has been encountered
- Construction cost will be comparatively lesser

  
Executive Engineer,  
VJNL, UBP Division No-02,  
B.R.Project



## Annexure-C



**EXECUTIVE ENGINEER**  
VJNL, UBP, Division No. 2  
B. R. Project - 577 115.





# Karnataka Neeravari Nigam Limited

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Office of the,  
Executive Engineer,  
KNNL, Upper Tunga Project Division,  
Shivamogga

No: KNNL/UTP/Div/Smg/PB-2/2024-25/

2664

Date:

6 JAN 2025

To,

Deputy Conservator of Forest,  
Shivamogga Division,  
Shivamogga

Respected Sir,

Subject : Diversion of 449.55 hectare of forest land for Upper Tunga Project Dist: Shimoga, Karnataka- Submission of revised compliance report for Stage-2 clearance-reg.

- Reference :
1. The In-Principal (stage-1) approval for the diversion of 449.55 Ha for UTP obtained vide MoEF letter No: F.No:8-30/97-FC dated: 01-10-2003.
  2. The approval under Section-2 of FC act, 1980 (Stage-2) for the diversion of 449.55 Ha for UTP obtained vide MoEF letter No: F.No:8-30/97-FC dated: 14-12-2004.
  3. This office letter No: 1002 dated: 20-07-2021
  4. This office letter No: 3104 dated: 04-01-2024
  5. The Government of Karnataka Notification No: APG 130 FAF 2024 dated: 24-12-2024 issued by Under Secretary, Ministry of Forest, Ecology and Environment.

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With reference to the above cited subject, vide ref (1) and (2) the In-Principle approval and Stage-2 clearance for the diversion of 449.55 Ha of forest land (FP/KA/IRRIG/332/1997) required for the Upper Tunga Project has been obtained from the MoEF, Regional office Bengaluru. The Stage-2 clearance has been approved by the MoEF subjected to fulfillment of total 16 conditions. All the conditions laid by the MoEF has been attended and necessary payments has been made as on when demand has been obtained from the Forest Department. Vide ref (3), the compliance report for the conditions laid in the Stage-2 forest clearance was submitted.

Meanwhile, as per the condition No: 11 laid in Stage-2 forest clearance, the proposal for declaration of reservoir portion as Forest was submitted vide ref (4). Presently the proposal has got approved and vide ref (4), the State Government has declared the reservoir portion (total 3175A -19 G) as forest area (Copy enclosed). Hence the revised compliance with respect to total 16 conditions including condition No.11 laid in Stage-2 Clearance of diversion of 449.55 Ha of Forest land to Upper Tunga Project is submitted as below,

Sl No	Conditions laid in Stage-2 Clearance	Compliance
1	Legal status of Forest land shall remain unchanged.	Noted




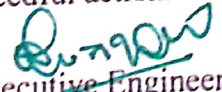
2	Compensatory afforestation shall be raised and maintained over equivalent non-forest land by the State forest department.	<p>The Karnataka Neravari Nigam Limited authorities have deposited Rs.2,43,90,000-00 towards the Compensatory Afforestation.</p> <p>The details are as under,  D.D No: 028741 to 028755, dated: 23-10-1995 for Rs. 1,48,25,000.00  D.D. No: 95664 dated: 07-09-1994 for Rs. 1,75,000.00  D.D No: 040412 dated: 11-03-2004 for Rs. 25,20,000.00  D.D.No: 482792 dated: 04-05-2004 for Rs. 68,70,000.00</p> <p>(This condition has been compiled in the SI No: 2 of compliance report submitted for conditions laid in In-Principle (Stage-1) Clearance).</p>
3	The Non-forest land for compensatory afforestation, shall be notified by the state Government as RF under section-4 of the Indian Forest Act, 1927 or the State Forest Act within a period of 6 months and Nodal officer (Forest Conservation) shall, report the compliance.	Action should be taken from Forest Department.
4	Along the banks of the reservoir, plantations shall be raised and maintained by the State Forest Department.	<p>An amount of Rs. 81.30 Lakhs towards raising of plantation along the banks of Reservoir has been deposited to State Forest Department vide D.D No: 130917 dated: 04-05-2004.</p> <p>(This condition has been compiled in the SI No: 7 of compliance report submitted for conditions laid in In-Principle (Stage-1) Clearance).</p>
5	The State Government shall deposit all the funds including Net Present Value of diverted forest land with Compensatory Afforestation Fund Management and Planning Authority (CAMPA). Till such time the CAMPA intimates the Head of Account for deposition of funds, the funds will be maintained in the form of fixed deposits in a Nationalized bank in the name of concerned Nodal Officer /DFO by the State Government.	<p>An amount of Rs. 37,87,82,000.00 has been deposited towards Net Present Value (NPV) charges vide D.D No: 040337 dated: 10-03-2004.</p> <p>(This condition has been compiled in the SI No: 9 of compliance report submitted for conditions laid in In-Principle (Stage-1) Clearance).</p>
6	Demarcation of the area will be done on ground at project cost using four feet high RCC pillars. The pillars shall indicate serial numbers, forward and back bearings and distance between adjacent pillars.	The RCC pillars has been erected and got confirmed from the Forest Authorities.
7	Trees shall not be felled up to 2 meter below FRL.	Noted and adhered the condition.
8	Trees shall be felled under the supervision of State Forest Department and only when becomes necessary.	Noted and adhered the condition.



9	Islands of the Mandegadde Bird Sanctuary shall be raised sufficiently to avoid its submergence at the project cost under supervision of Wildlife wing of State Forest Department.	An amount of Rs. 20.00 Lakhs has been deposited towards the development of Mandagadde Bird Sanctuary. In this regard PCCF (Wildlife), Bangalore has submitted a detail report to the Government.  (This condition has been compiled in the SI No: 5 of compliance report submitted for conditions laid in In-Principle (Stage-1) Clearance).
10	All the safeguards and conditions stipulated by the Indian Board of Wildlife (IBWL) shall be strictly followed.	i) An amount of Rs.15.00 Crores has been deposited to the Central Empowered Committee, vide DD No: 068306 dated: 11-08-2004.  ii) The proposal for adding 300.00 Ha to Shettihalli Sanctuary as per the condition laid down by the IBWL has been submitted to the State Government from PCCF, Aranya Bhavana vide thier office letter dated: 18-10-2003.  (This condition has been compiled in the SI No: 6 of compliance report submitted for conditions laid in In-Principle (Stage-1)
11	Reservoir so created shall be declared as Reserved Forest under Indian Forest Act, 1927 and regulated fishing rights shall be allowed.	<b>The State Government has declared the reservoir portion (total 3175A -19 G) as forest area vide Notification No: APG 130 FAF 2024 dated: 24-12-2024 (copy of the notification is annexed).</b>
12	Water will be provided free of cost to the Forest Department for rising Nursery/ Plantations in nearby areas.	Noted and adhered the condition.
13	No labour camps shall be established on the forest land. Labourers shall be provided fuel wood after procuring it from the State Forest Development Corporation.	Noted and adhered the condition.
14	The catchment area treatment works shall be executed as per the plan under the supervision of the State Forest Department.	An amount of Rs. 20.12 Crore has been paid to Karnataka CAMPA A/C No: 15073ITTIG3321997619 (IFSC CORP0000633) through RTGS on dated: 06-09-2016.
15	The forest land shall not be used for any purpose other than that specified in the proposal.	Noted and adhered the condition.
16	Any other condition that the State Government or the Chief Conservator of Forests (Central), Regional Office, Bangalore may impose from time to time in the interest of Conservation, protection or development of Forests.	Noted

The above information is hereby submitted for information and needful action.

"Attested"  
  
 Executive Engineer,  
 V.J.N.L., No.2, U.B.P. Division,  
 B.R. Project-577 115  
 2

  
 Executive Engineer,  
 KNNL, UTP Division,  
 Shivamogga







# Karnataka Neeravari Nigam Limited

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Office of the,  
Executive Engineer,  
KNNL, Upper Tunga Project Division,  
Shivamogga

No: KNNL/UTP/Div/Smg/PB/2021-22/

Date:

To,

1002

20 JUL 2021

Deputy Conservator of Forest,  
Shivamogga Division,  
Shivamogga

Respected Sir,

Subject : Diversion of 449.55 hectare of forest land for Upper Tunga Project Dist: Shimoga,  
Karnataka- Submission of compliance report for Stage-2 clearance-reg.

- Reference :
1. The In-Principal (stage-1) approval for the diversion of 449.55 Ha for UTP obtained vide MoEF letter No: F.No:8-30/97-FC dated: 01-10-2003.
  2. Approval under Section-2 of FC act, 1980 (Stage-2) for the diversion of 449.55 Ha for UTP obtained vide MoEF letter No: F.No:8-30/97-FC dated: 14-12-2004.
  3. Executive Engineer, VJNL, UBP Division-02, B.R.Project office letter No: VJNL/UBP/Div-02/BRP/PB/2021-22/405 dated: 13-07-2021

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With reference to the above cited subject, In-Principle approval and Stage-2 clearance for the diversion of 449.55 Ha of forest land (FP/KA/IRRIG/332/1997) required for the Upper Tunga Project has been approved by the MoEF, Regional office Bengaluru vide ref (1) and (2). The Stage-2 clearance has been approved by the MoEF subjected to fulfillment of total 16 conditions. All the conditions laid by the MoEF have been attended and necessary payments have been made as on when demand has been obtained from the Forest Department. Vide ref (3), Executive Engineer, VJNL, UBP Division-02, B.R.Project has requested to provide a copy of compliance report for the conditions laid in Stage-2 Clearance of diversion of 449.55 Ha of Forest land to Upper Tunga Project.

The compliance for the conditions laid in Stage-2 Clearance of diversion of 449.55 Ha of Forest land to Upper Tunga Project is hereby submitted for information and needful action.

Yours faithfully,

"Attested"  
  
Executive Engineer,  
V.J.N.L., No 2, U.B.P. Division,  
B.R. Project-577 115  
2

Executive Engineer,  
KNNL, UTP Division,  
Shivamogga

**Compliance to the Conditions stipulated by MoEF vide letter No: F.No 8-30/97-FC dated: 14/12/2004 for diversion of 449.55 Ha of forest land to Upper Tunga Project**

SI No	Conditions laid in Stage-2 Clearance	Compliance
1	Legal status of Forest land shall remain unchanged.	Noted
2	Compensatory afforestation shall be raised and maintained over equivalent non-forest land by the State forest department.	<p>The Karnataka Nerravari Nigam Limited authorities have deposited Rs.2,43,90,000-00 towards the Compensatory Afforestation.</p> <p>The details are as under,  D.D No: 028741 to 028755, dated: 23-10-1995 for Rs. 1,48,25,000.00  D.D. No: 95664 dated: 07-09-1994 for Rs. 1,75,000.00  D.D No: 040412 dated: 11-03-2004 for Rs. 25,20,000.00  D.D.No: 482792 dated: 04-05-2004 for Rs. 68,70,000.00  (This condition has been complied in the SI No: 2 of compliance report submitted for conditions laid in In-Principle (Stage-1) Clearance).</p>
3	The non-forest land for compensatory afforestation, shall be notified by the state Government as RF under section-4 of the Indian Forest Act, 1927 or the State Forest Act within a period of 6 months and Nodal officer (Forest Conservation) shall, report the compliance.	Action from Forest Department.
4	Along the banks of the reservoir, plantations shall be raised and maintained by the State Forest Department.	<p>An amount of Rs. 81.30 Lakhs towards raising of plantation along the banks of Reservoir has been deposited to State Forest Department vide D.D No: 130917 dated: 04-05-2004.</p> <p>(This condition has been complied in the SI No: 7 of compliance report submitted for conditions laid in In-Principle (Stage-1) Clearance).</p>
5	The State Government shall deposit all the funds including Net Present Value of diverted forest land with Compensatory Afforestation Fund Management and Planning Authority (CAMPA). Till such time the CAMPA intimates the Head of Account for deposition of funds, the funds will be maintained in the form of fixed deposits in a Nationalized bank in the name of concerned Nodal Officer /DFO by the State Government.	<p>An amount of Rs. 37,87,82,000.00 has been deposited towards Net Present Value (NPV) charges vide D.D No: 040337 dated: 10-03-2004.</p> <p>(This condition has been complied in the SI No: 9 of compliance report submitted for conditions laid in In-Principle (Stage-1) Clearance).</p>



Sl No	Conditions laid in Stage-2 Clearance	Compliance
6	Demarcation of the area will be done on ground at project cost using four feet high RCC pillars. The pillars shall indicate serial numbers, forward and back bearings and distance between adjacent pillars.	The RCC pillars have been erected and obtained confirmation from the Forest Authorities.
7	Trees shall not be felled upto 2 meter below FRL.	Noted and adhered the condition.
8	Trees shall be felled under the supervision of State Forest Department and only when becomes necessary.	Noted and adhered the condition.
9	Islands of the Mandegadde Bird Sanctuary shall be raised sufficiently to avoid its submergence at the project cost under supervision of Wildlife wing of State Forest Department.	An amount of Rs. 20.00 Lakhs has been deposited towards the development of Mandagadde Bird Sanctuary. In this regard PCCF (Wildlife), Bangalore has submitted a detail report to the Government.  (This condition has been compiled in the Sl No: 5 of compliance report submitted for conditions laid in In-Principle (Stage-1) Clearance).
10	All the safegaurds and conditions stipulated by the Indian Board of Wildlife (IBWL) shall be strictly followed.	i) An amount of Rs.15.00 Crores has been deposited to the Central Empowered Committee, vide DD No: 068306 dated: 11-08-2004.  ii) The proposal for adding 300.00 Ha to Shettihalli Sanctuary as per the condition laid down by the IBWL has been submitted to the State Government from PCCF, Aranya Bhavana vide thier office letter dated: 18-10-2003.  (This condition has been compiled in the Sl No: 6 of compliance report submitted for conditions laid in In-Principle (Stage-1) Clearance).
11	Reservoir so created shall be declared as Reserved Forest under Indian Forest Act, 1927 and regulated fishing rights shall be allowed.	Action from Forest Department.
12	Water will be provided free of cost to the Forest Department for rising Nursery/ Palantations in nearby areas.	Noted and adhered the condition.

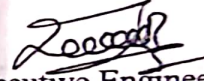


Sl No	Conditions laid in Stage-2 Clearance	Compliance
13	No labour camps shall be established on the forest land. Labourers shall be provided fuel wood after procuring it from the State Forest Development Corporation,.	Noted and adhered the condition.
14	The catchment area treatment works shall be executed as per the plan under the supervision of the State Forest Department.	An amount of Rs. 20.12 Crore has been paid to Karnataka CAMPA A/C No: 15073ITTIG3321997619 (FSC CORP0000633) through RTGS on dated: 06-09-2016.
15	The forest land shall not be used for any purpose other than that specified in the proposal.	Noted and adhered the condition.
16	Any other condition that the state government or the Chief Conservator of Forests (Central), Regional Office, Bangalore may impose from time to time in the interest of Conservation, protection or development of Forests.	Noted

"Attested"

Executive Engineer,  
V.J.N.L., No. 2, U.B.P. Division,  
B.R. Project-577 115

2

  
Executive Engineer,  
KNNL, UTP Division  
Shivamogga