



BANGALORE WATER SUPPLY AND SEWERAGE BOARD

OFFICE OF THE EXECUTIVE ENGINEER, KAVERY – 4 DIVISION, 1st FLOOR,
SUVARNA BHAVANA, MARGOSA ROAD, 18TH CROSS MALLESWARAM, BANGALORE-12.

NO.BWSSB/EEK-4/CP-10/88 / 2021-22

Date:22.04.2021

To,
Principal Chief Conservator of Forest
(Head of Forest Force)
Aranya Bhavan, 18th Cross
Malleshwaram, Bengaluru-560003

Sir,

Sub: Diversion of 0.341 hectare of forest land in Sy No 5 Uttarahalli Manavarthe kaval Village Ullal Hobli, Sy No 170 Badamanavarthe Kaval Village, Kengeri Hobli, Bangalore South Taluka, Bangalore District for laying of MS pipe line Chikkaballapur District for Laying of MS Pipe line of 2101 mm Dia to Facilitate the Drinking water Supply to Bangalore Urban Areas (City Trunk Main Along Western Route of CP10) in favor of Executive Engineer, Bangalore Water Supply and Sewerage Board (BWSSB), K-4 Division, 1st Floor, Margosa Road, Suvarana Bhavan, 18th Cross, Melleshwaram, Bangalore 560012

Proposal No. FP/KA/WATER/117274/2020.

Ref: 1.Our Application dated: 17-03-2021 (original)
2. Your letter No. KFD/HoFF/A5-4(GFL)/7/2021-FC Dated:09-04-2021.

SL No	Reference Item No. in Form-A	Remarks of the forest department	Compliance
1	A-1 (ii) Name of the Project for which Forest Land is required.	An incomplete text 'City Trunk Main Along Western Route of CP10' without specifying the location and its purpose is provided as the project name. It is advised to include the complete location (village, hobli, Taluka District) in this Item for easy identification during processing. Example: Laying of MS pipes of 2101 mm Dia and 1901 mm Dia to Facilitate the Drinking Water Supply to Bangalore Urban Areas (City Trunk Main Along Western Route of CP-10) in 0.341 hectare of forest land Sy No5 Uttarahalli Manavarthe kaval Village, Ullal Hobli Sy No 170 Badamanavarthe kaval Village Kengri Hobli, Bangalore South Taluk, Bangalore District.	The Detailed Project Report is uploaded, which specifies the complete scope of the project and since as per the requirement of the project, MS pipes lines are crossing the proposed forest areas. So, MS pipe line details are mentioned specifically.
2	A-2 Details of User Agency	'EXECUTIVE ENGINEER K4 BWSSB' has been mentioned, Instead of specifying the exact User Agency (the authority in whose name the forest lease is sought), i.e., Bangalore Water Supply and Sewerage Board (BWSSB) as the User Agency.	

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		<p>1. Please note that the User Agency must be the competent government authority in the Department of Technical Education, in whose name the forest lease is sought. [Note: Such authority will be required to sign as agreement with forest department and take over the forest land after sanction of the forest diversion under Forest (Conservation) Act, 1980 into its custody and will be responsible for implementation of the FC lease conditions during the entire lease period]</p> <p>2. Please make necessary correction to the name of User Agency in this Item. In case of any difficulty in changing the name of User agency because of technical restrictions on FC wen Portal, you may choose to submit a fresh application (new proposal Number) with all necessary corrections incorporated.</p>	
	B-2.3 Village wise break up	Only the Forest village's names (i.e Uttarahalli Manavartheekaval SY no 5 and Badamanavartheekaval Sy No. 170) are mentioned without mentioning the non-forest village and its survey number. Please specify the survey number(s) involved in entire project and then provide individual survey number-wise break up (without clubbing) of forest (as well as non-forest, if any) land requirement.	Complied.
	B-2.4 Component wise break up	<ul style="list-style-type: none"> • Instead of specifying exact components involved in Drinking Water Supply projects like Rising main, Gravity main, Delivery chamber, Tank etc., only laying of MS pipe of 2101 mm Dia and Laying of MS pipes of 1901 mm Dia are mentioned as the components. • Components involved in the non-forest area is not mentioned. <p>1. Please verify above issue and mention all the components of the project in forest as well as non-forest land in its entire length from the source of water till end point (distribution).</p> <p>2. Please also specify the length and width of forest strip/polygon required by all individual linear components (pipeline) and regular shaped components (Sump & ELSR) either here and / or on the map.</p> <p>3. Please specify whether the pipeline will be laid underground or above the ground. If underground at what depth.</p>	<p>Complied.</p> <p>Complied.</p> <p>Pipe line are laid underground.</p>

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		<p>4. Please specify the diameter of the pipeline</p> <p>5. Please also ensure that all civil works including the requirement of service road for present installation and also for maintenance in future are taken into consideration while finalizing the requirement of forest land for the project.</p>	<p>At depth of 3.3 m.</p> <p>Considered.</p>
3	C(ii)(a) Kml file of Segments	<ul style="list-style-type: none"> KML file with generic name 'Alignment.kmz' is uploaded showing as extent '0.3242 ha' as against '0.341 ha' as mentioned in relevant fields. Non-forest land alignment has been provided in line format instead of the polygon features without the measurement option and not able to find out the extent. Start and End Point KML of Pipeline is also required to show. <p>1. Please upload the KML correct file of forest land proposed for diversion with 'polygon' feature, inbuilt 'measurement' option, identifiable File name.</p> <p>2. If non-forest land is also a part of the entire project please upload KML file (with polygon feature and proper File Name) of such non-forest land too (in a different colour).</p> <p>3. Please ensure that the KML Polygon of the forest land proposed for diversion matches exactly with the corresponding GPS readings and ground features as seen in satellite imagery.</p>	<p>Corrected KML is uploaded with specific name of the project.</p> <p>Complied.</p> <p>Complied.</p> <p>Complied.</p> <p>Complied.</p> <p>Complied.</p>
4	C(iii) Copy of Survey of India Topo sheet Indicating boundary of forest land proposed to be diverted	<ul style="list-style-type: none"> The two Topo-maps (blurred) are been merged together, instead of providing the two individual Topo-maps merged together in one PDF file. The Topo-map uploaded without proper scale mention on it. <p>1. Please upload Survey of India Topo sheet on 1:50,000 scale showing the boundary of forest land proposed to be diverted.</p> <p>2. Please ensure that the Topo Map-</p> <ol style="list-style-type: none"> Is duly ink-signed by User Agency Has the Survey of India Topo Sheet Number clearly mentioned Has Proper Map Index and Map Title Has the project area distinctly marked.. 	<p>Uploaded with correctness and requirement.</p> <p>Complied.</p>
6	C(iv) Scanned copy of the Geo-referenced map	<ul style="list-style-type: none"> Uploaded but survey numbers and village numbers are not clearly visible. 	

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	of the forest land proposed to be diverted prepared by using GPS or Total Station	<ul style="list-style-type: none"> Both Forest as well as non-forest land requirement areas need to be shown clearly. GPS readings of corner of forest land proposed for diversion are not provided. <p>1. Please upload the following two types of Geo-referenced Maps (both merged into a single PDF File) Showing the <u>forest area proposed for diversion as well as non-forest area involved in the given village project (the forest and non-forest segments/patches shown in two different colours) on the following two scales</u></p> <p>a. Geo-referenced Map-I: Ordinary Village Map Scale (1:7920)</p> <p>b. Geo-referenced Map-II: At much larger scale (with greater zoom) for a detailed view of the forest area in question</p> <p>2. Please ensure that each of the above maps</p> <p>a. Is original (and not a photocopy)</p> <p>b. Show all survey number and their boundaries in and around the project area clearly;</p> <p>c. Have a proper Map Index;</p> <p>d. Are duly ink-signed by User Agency</p> <p>e. Has a Village-wise, Survey Number-Wise and Component wise Statement of Forest land requirement in given village.</p> <p>f. Has a list of GPS readings (Datum: WGS-84; in Degree.decimals) of all corners / turning points of the forest area proposed for diversion [Note: After Stage –I approval, RCC pillars will have to be provided at all these GPS points. However, temporary stone pillars are sufficient for field verification at present.]</p> <p>g. Has the GPS points (serial numbers) distinctly marked on corresponding points on the Map.</p>	Complied.
	<p>D(i) Copy of note containing justification for locating the Project in forest land</p> <p>(ii) Whether a copy of map indicating location of alternative examine is required to be provided</p> <p>(a) Reason for not providing such map</p>	<ul style="list-style-type: none"> A document with general brief description of the project and without providing specific valid reasons for inevitability of using forest land for the project is uploaded in Item D(i). the statement that “ the proposed location is hydraulic design and pipe line network is vetted by the well-known hydraulic experts and approved by the competent authority” cannot be accepted as the valid reasons for diversion of forest land. It is not specified what alternative alignment were examined before zeroing in 	<p>The detailed Justification Note is uploaded which specifies the importance of the project based which the diversion of forest is un avoidable in the interest of public.</p> <p>Since, in the complete alignment of the project, only in two places the pipe lines are</p>

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		<p>on the presently proposed alignment through forest land.</p> <ul style="list-style-type: none"> The reasons for discarding such alternatives in favor of the proposed alignment through forest land are also not provided instead (clarification regarding components is given in the Justification Note) <ol style="list-style-type: none"> Please upload a <u>detailed Justification Note</u> on official letter head under seal and signature (with date) of User Agency duly giving the reasons in Item D(i) why the project has to be implemented in forest land only and how it is unavoidable to utilize the given forest land for the project. Please note that the Government of India specifically seeks the map showing alternatives (non-forest) examined by User Agency in Item D(ii)(a) and also the reasons for discarding such alternatives in favour of forest land. It is thus advised to: <ol style="list-style-type: none"> <u>Examine at least 2-3 alternatives (non-forest) and upload a map on appropriate scale showing such alternatives as well as the presently proposed location in Item D(ii) (a); and also</u> <u>Provide the detailed valid reasons as a separate Note (merged with the abovementioned Map into a single PDF file) in this Item why each of these alternatives has been discarded in favour of presently proposed location in forest land.</u> 	to be crossed for the length of 1075 m and 160 m,
7	K(i)(a) Copy of Documentary evidence in support of settlement of rights under the forest Rights Act.2006 on the forest land proposed to be diverted.	<p>'No' option is selected In Tem K(i). Please note that FRA Certificate in FORM-I (for Linear projects) issued by jurisdictional Deputy Commissioner as per the latest FC Guidelines issued by GOI, MOEF &CC, New Delhi vide F.No.5-2/2017-FC dated 28-03-2019 (may be downloaded from FC web portal) will have to be submitted before final approval under FC Act.</p>	Undertaking for the same is provided and we will provide the certificate in due course of time.
10	Additional Information Details / General observation	<ol style="list-style-type: none"> Please note that the forest land for a non-site specific projects needs to be selected as a last resort (in unavoidable circumstances), as such projects as usually Guidelines. Every effort needs to be made to locate the project in non-forest land. Please upload the following information / documents. 	

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		<p>a. A single Undertaking (on official letterhead) to pay Net Present Value (NPV), Compensatory Afforestation (CA) and other stipulated charges as per applicability and norms;</p> <p>b. Detailed Project Report.</p> <p>c. Administrative approval for the project.</p> <p>d. Understanding (on official letterhead) to the effect that all corners of forest land proposed for diversion (or the central line of proposed pipe line alignment at every 20 meter interval) will be physically marked on the ground with the help of temporary stone pillar / other appropriate means for verification by forest Officers before submitting the hard copy of proposal to jurisdictional Deputy Conservator of Forests</p> <p>3. Please provide the following information through email to 'apccfc@gmail.com, 'ccf_fc@gmail.com' and 'rfo5ictc@aranya.gov.in-</p> <p>a. A list of GPS readings (DatumLWGS84; in Degree. descimals) of all corners of forest land proposed for diversion (or the Central line of proposed Pipe line alignment at every 20 meter interval) in Excel sheet.</p> <p>4. As the Proposal needs to be examined by the Government of India, all the documents need to be in English translations. [Note: Many documents uploaded presently are not in English]</p> <p>5. Please ensure that all uploaded documents in relevant Items are duly ink-signed by User Agency / Competent Authority.</p> <p>6. Please ensure that no work is undertaken in forest without FC clearance.</p>	<p>Complied.</p> <p>Complied.</p> <p>Complied.</p>

As the project is very essential for recharge the ground water table, we request to treat the proposal on top priority for processing further.


Executive Engineer,

Bangalore water supply and Sewerage Board,
1st Floor, Margosa Road, Suvarana Bhavana
18th Cross, Malleshwaram, Bangalore-12.