

ಕರ್ನಾಟಕ ಸರ್ಕಾರ
GOVERNMENT OF KARNATAKA

ಪ್ರಧಾನ ಮುಖ್ಯ ಅರಣ್ಯ
ಸಂರಕ್ಷಣಾಧಿಕಾರಿ
(ಅರಣ್ಯ ಪಡೆ ಮುಖ್ಯಸ್ಥರು) ರವರ
ಕಛೇರಿ



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

ಅರಣ್ಯ ಭವನ, 18ನೇ ಅಡ್ಡ ರಸ್ತೆ
ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು-560 003
Aranya Bhavan, 18th Cross
Malleshwaram, Bengaluru-560 003
Telephone : 080 2334 6472
Email : apccffc@gmail.com

E-office File No. KFD/HoFF/A5-4(GFL)/8/2022-FC

E-702146
Date 12-10-2023

To,

Chief Conservator of Forests
Ballari Circle Ballari

EDS QUERY

Sub: Diversion of 23.3876 (revised from 38.5 Ha) Ha of forest land in Sy No. 224 in Bannahatti Village, Sy No. 64 in Lingadahalli Village and Sy No. 1A in Kodalu Village of Toranagalu Hobli and Sy No. of Taranagara Village of Sanduru Hobli and in Donimmalai Reserve Forest of Sandur Taluk, Ballari District for 130 MW Pumped Storage Power Project at Vaddu Village, Sandur Taluk, Ballari District, in favor of Director of M/s JSW Renewable Energy (Vijayanagara) Limited. Toranagallu, Ballari District.

Proposal No. FP/KA/HYD/152438/2022 [Form-A]

Ref: Your office letter No M1/MNG/JSW/Power Storage/CR-7/2023-24 dated 25-09-2023

Your letter referred above has been examined. It is noticed that certain crucial information required for processing under FC Act has not been provided completely and/or correctly. The application is **INCOMPLETE** in following respect.

Reference Item in PART-I	Remarks
B-2.3 Village wise breakup	<ul style="list-style-type: none">Four Forest (<i>Bannihatti, Taranagara, Lingadahalli, Kodalu</i>) village names are mentioned, but survey number details are not mentioned in this item.Three Non Forest village(<i>Vaddu, Karekuppe, Chikkananthapura</i>) names are mentioned, but survey number details not are mentioned in this item. <p>Please provide the correct and complete village wise as well as individual Survey Number wise break up (without clubbing) of forest as well as non-forest land required for the entire project in this Item.</p> <p>[Note: In case of non-forest lands, only the names of villages may be provided at present. Survey number details will be sought only if required during processing.]</p> <p>1. If the survey number wise information is too voluminous to be provided in this Item, please</p>

	<p>upload the same in the form of Tabular Statement in <i>Additional Information Details</i> Item and also on the <i>Geo-referenced Map in Item C (iv)</i>.</p> <p>Please ensure that forest as well as non-forest land totals match with the same shown in other relevant Items.</p>
C-ii)(a) KML file of proposed land	<ul style="list-style-type: none"> Two KMLs are uploaded. Main KML name mentioned as <i>Vijayanagara PSP 130 MW Forest.kml, Vijayanagara PSP 130 MW Non Forest.kml</i> KML Sub file name suggested as <i>Vijayanagara PSP 130 MW Forest (Upper Reservior Bannihatti 224, Dump Site 4 Patch 1 Kodalu 1A, 400Kv Transmission Line, Tharanagara, Donimalai RF, 400Kv Transmission Line, Lingadahalli,64, 400Kv Transmission Line, Kodalu,1-A), Vijayanagara PSP 130 MW Non Forest(Existing Water Pond, Existing 400 Kv Transmission Line, Dumping Site - 1 Vaddu 222, Dump Site - 1 Vaddu 66-1, Upper Reservoir Vaddu 66-1, Approach Road Vaddu 66-1, Pen stocks Patch 1 Vaddu 66-1, Pen stocks Patch 2 Vaddu 66-1, Pen stocks Patch 3 Vaddu 66-1, Pen stocks Patch 4 Vaddu 68, 400Kv Transmission Line, Vaddu,68, Approach Road Patch 2 Vaddu 68, Job Facilitation Area Patch 1 Vaddu 68, Pen stocks Patch 5 Vaddu 69, Job Facilitation Area Patch 2 Vaddu 69, 400Kv Transmission Line, Vaddu,69, Approach Road Patch 3 Vaddu 69, Open Canal Patch 7 Karekuppe 362, Dump Site 3 Patch 2 Karekuppe 362, Pen stocks Patch 6 Vaddu 63, Pen stocks Patch 7 Vaddu 62, Open Canal Patch 1 Vaddu 62, Open Canal Patch 2 Vaddu 59, Open Canal Patch 3 Vaddu 51, Open Canal Patch 4 Vaddu 54, Open Canal Patch 5 Vaddu 52, Open Canal Patch 6 Vaddu 53, Dump Site 3 Patch 3 Karekuppe 360, Dump Site 4 Patch 1 Karekuppe 359, Dump Site 4 Patch 2 Karekuppe 358, Dump Site 4 Patch 3 Karekuppe 357, Dump Site 2 Patch 1 Vaddu 66-1, Dump Site 2 Patch 3 Vaddu 69, Dump site 2 Patch 2 Vaddu 70, Dump Site 2 Patch 4 Vaddu 71, 400Kv Transmission Line, Vaddu,66-1) village with survey number wise are mentioned., instead of proper component name.</i> As per uploaded KML the forest area extent shows 38.5 Ha as against 23.3876Ha given in Item A.A-1. (Viii) and other relevant fields.

	<ul style="list-style-type: none"> • <i>Start & End connectivity needs to be provided.</i> • <i>Complete proper project alignment running in forest as well as non-forest land is required to ensure that forest land is not mistaken as non-forest land for the purpose of the project.</i> • <i>Provide Component wise Forest & Non forest land KML with proper components naming.</i> <p>Please upload the following KML files (with polygon feature inbuilt 'measurement' option and proper Identifiable File names) of the entire project alignment (all components).</p> <ol style="list-style-type: none"> a. <i>KML Polygons of forest land proposed for diversion show in a (different colour with proper naming).</i> b. <i>KML File (either Polygon or Line feature) for entire alignment in a (different colour with proper naming).</i> c. <i>Please ensure that the KML sub files name suggest the forest and non-forest land requirement clearly.</i> <p>Please ensure that the KML polygon corners match exactly with and corresponding GPS readings as well as ground features seen on Satellite imagery.</p>
C(iv) Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station	<ul style="list-style-type: none"> • Digitized Mosaic, Part & individual Village maps are uploaded. • Bannihatti, Lingadahalli, Taranagara Revenue village maps are uploaded in <i>Additional Information.</i> • GPS readings are provided on map & <i>Additional Information.</i> • Provided GPS readings are in convertible form. • <i>Complete component wise GPS readings are not provided.</i> • Provided GPS readings are overlapping on corners of the uploaded KML, somewhere shows variations of <i>0.044219 Meters</i> to <i>9.490759 Meters.</i> • As per GPS readings measurement of proposed forest area shows an extent of <i>23.347942 Ha</i> as against <i>23.3876 Ha</i> given in Item A.A-1. (Viii) and other relevant fields. • <i>As per ICT(KGSFIS data) observation the proposed Non forest area also falls in <u>BANNIHATTI DF 2015, TARANAGAR DF 2015.</u> Needs to be verified.</i> <ol style="list-style-type: none"> 1. Please upload the following two types of Geo-referenced maps (both merged into a single PDF file) showing the forest area proposed for diversion (as well as non-forest area, if any, with the two kinds of segments shown in two different colours) in the given village limits on the following two scales. <ol style="list-style-type: none"> a. Map-1: On ordinary village map scale 1:7920). b. Map-II: At much larger scale (with greater zoom) for a detailed view of the project area. 2. Please ensure that each of above maps: <ol style="list-style-type: none"> a. Upload the Original Scanned Map (not a photocopy). b. Has a proper Map Index & Map Title.

	<p>c. Is duly ink-signed by User Agency.</p> <p>d. Shows all survey numbers and boundaries in and around the project area clearly.</p> <p>e. Shows the entire alignment (forest and non-forest) of the project in the village limits in two different colours.</p> <p>f. Provide the GPS readings (in Datum: WGS-84; in Degree. Decimals) of all corners/turning points of the forest area proposed for diversion (<i>as well as at every 20 meter interval along the curves within forest limits</i>). <i>[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].</i></p> <p>GPS points (serial number wise) prominently should be marked on corresponding corners points of forest area on the Map.</p>
L. Details of land identified for Compensatory Afforestation (iv). No. of patches: One	<ul style="list-style-type: none"> • <i>KML is not uploaded.</i> <p>Please upload the following KML file(s)/sub files(s) with 'Polygon' feature, inbuilt 'measurement tool' option and proper identifiable File names for the following.</p> <ul style="list-style-type: none"> • KML Polygon of proposed CA land show (<i>in a different colour with proper naming</i>). <p>Please ensure that the KML Polygons match with the GPS points of all corners of forest land proposed for diversion and also with the ground features on satellite imagery.</p>
L (v). Scanned copy of the map of the land identified for creation of Compensatory Afforestation prepared by using GPS or Total Station	<ul style="list-style-type: none"> • Digitized, Part and complete tiff village maps are uploaded. • GPS readings are provided on map. • <i>Provided GPS readings are not in proper convertible form.</i> • <i>Need to provide proper GPS readings in Degree Decimals Convertible PDF to excel format for further technical analysis report.</i> <p>Please upload the following two types of Geo-referenced maps (<i>both merged into a single PDF file</i>) showing the forest area proposed for diversion (<i>as well as non-forest area, if any, with the two kinds of segments shown in two different colours</i>) in the given village limits on the following two scales.</p> <ul style="list-style-type: none"> • Map-1: On ordinary village map scale 1:7920). • Map-II: At a much larger scale (with greater zoom) for a detailed view of the project area. • Please ensure that each of above maps: • Upload the Original Scanned Map (not a photocopy). • Has a proper Map Index & Map Title. • Is duly ink-signed by User Agency. • Shows all survey numbers and boundaries in and around the proposed CA area clearly. <p>Provide the GPS readings (in Datum: WGS-84; in Degree. Decimals) of all corners/turning points of the forest area proposed for diversion (<i>as well as at every 20-meter interval along the curves within forest limits</i>). <i>[Note- After Stage-I approval, RCC pillars will have to be provided at all these</i></p>

	<i>GPS points. However, temporary stone pillars are sufficient for field verification at present].</i>
Details of compensatory afforestation scheme	
13.(i) Uploaded KML file of patch	One KML is uploaded, <i>but it's not opening showing downloading an error</i>
13.(iii) Scanned copy of the Geo-referenced map of the forest land proposed for C.A. prepared by using DGPS or Total Station	<ul style="list-style-type: none"> Digitized, Part and complete tiff village maps are uploaded, <i>but authorized seal and sign is not provided on map</i> GPS readings are provided on map. Topo map is uploaded in this item, <i>but authorized seal and sign is not provided on map.</i> <i>Provided GPS readings are not in proper convertible form.</i> <i>Need to provide proper GPS readings in Degree Decimals Convertible PDF to excel format for further technical analysis report.</i>
13.(iv) Copy of Survey of India Toposheet indicating boundary of forest land proposed for C.A.	<i>Google base map is uploaded, instead of Topo map.</i>
Area Calculation details As per UA Extent – 70.40 Ha.	<i>Since KML is not downloaded & provided GPS readings data is not in convertible form, Hence Area calculation cannot be arrived at.</i>

You are directed to obtain the information from User Agency and submit appropriate information/documents in the relevant fields available online. The present proposal is returned for necessary action.

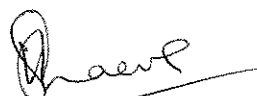
In case, any technical assistance is required in this regard, you may contact the following Help Desk.

Sri. Eregowda Y.K

Range Forest Officer & Project Officer, ICTC, Aranya Bhavan

Office No: 080-23346551 / Mobile: 9663727866

E-mail: rfo5ictc@aranya.gov.in



**Principal Chief Conservator of Forests
(Forest Conservation) AND Nodal Officer (FCA)**

Copy through email to Deputy Conservator of Forests, Ballari Division for information.
It is also to be ensured that the project work in forest land is not permitted without prior FC approval.

Copy to M/s JSW Renewable Energy (Vijayanagara) Limited, JSW Center, Bandra Kurla Complex, Bandra (East) Mumbai – 400051

