

NATIONAL FISHERIES DEVELOPMENT BOARD



Subject: Proposal for the diversion of forest land for Non-forest use Under Forest (Conversation) Act-1980 for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (v), Sompeta (), Srikakulam district, A.P - National Fisheries Development Board

**CHECK LIST FOR PROPOSALS FOR THE DIVERSION OF FOREST LAND
FOR NON-FOREST USE UNDER FOREST (CONSERVATION) ACT-1980**

Sr. No.	Name of the Document	To be provided by UA/FD	Pg. No.
1	Online registration number print out	FD	
2	Demand letter of the project authority	UA	
3	Main application form Part-I to V as prescribed in the Rules under the Forest (Conservation) Act, 1980 (FCA) with all its columns duly filled up and signed by the competent authority with date, place and official seal. All the information in part-I of form-A including item-wise breakup of the forest area required must be given in the form itself by expanding the columns.	Part-I UA Part-II To V FD	
4	Detailed note on the project. It must include the information regarding the number of village and number of persons to be benefited from the project including employment generation.	UA	
5	Cost benefit analysis.	UA	
6	Gazette Notification of the forest area concerned.	FD	
7	Statement showing the details i.e. Sr.no. /Coup no. F.S. No./Compu. No. etc. of the forest area involved with its boundaries, along with item wise breakup of the forest area proposed diversion.	UA/FD	
8	Statement showing the details of non-forest area involved in the proposal.	UA	
9	Justification for locating the project in forest area to be submitted by User Agency and countersigned by DCF.	UA	
10	Certificate for the minimum use of forest land & justification for locating the project on forest land to be signed by the nodal officer.	UA & FD	
11	Undertaking by User Agency to bear the cost of compensatory afforestation duly counter signed by the DCF (in the prescribed format).	UA	
12	Undertaking by User Agency to pay the Net Present Value (NPV) of the forest land involved duly countersigned by DCF (in the prescribed format).	UA	
13	Undertaking of user agency to abide by any additional condition stipulated by the central / state government for the protection / conservation / development of forest & wildlife.	UA	
14	Status of Environment & CRZ clearance under Environment (Protection) Act, 1986 wherever required.		
15	Resolution of gram Sabha (other than linear projects) and certified English translation and certificate of collector regarding FRA 2006, in the prescribed proforma (As per Gol letter F.No.11-9/98-FC (pt.), Date.5/7/2013).	UA	
16	Species wise and Girth class wise list of trees forest dept. to be filled.	FD	
17	Inspection report of concerned DFO or higher-level forest officer regarding the forest area involved.	FD	
18	Inspection report of concerned DFO or higher-level forest officer regarding the forest area involved.	UA & FD	
19	Detailed scheme for compensatory forestation forest Depp. On equivalent non-forest area / degraded forest	FD	

	area.		
20	Certificate from the DCF non-forest land selected for compensatory afforestation is in a compact block and contiguous to forest area or in closed proximity of forest areas and suitable from the management and protection point of view.	FD	
21	Suitability certificate from Divisional Forests Officer that the land identified for compensatory afforestation is suitable for raising plantation (in the prescribed format).	FD	
22	Details of the work, if any already completed without prior permission from Govt. of India.	FD	
23	In case of violation of forest (Conservation) Act, 1980. And/or guidelines. The details of the persons responsible for violation.	UA & FD	
24	Certificate of DFO regarding Historic place.	FD	
25	Certificate of Deputy Conservator of Forest showing distance between forest area demanded for diversion and nearest Wildlife protected area in km. (National park/Sanctuary/ Conservation Reserve / community Reserve).	FD	
26	Certificate of User Agency and DCF regarding Court case.	UA/FD	
27	Certificate of DCF about over lapping.	FD	
28	Map showing forest area/boundaries and other adjoining area with their land use in 150000 or any other suitable scale in original Survey of India topo sheet or cadastral map.	UA/FD	
29	Index map showing forest boundaries and a location map on a larger scale with land use of the area required duly signed by DCF/Cf concerned.	UA/FD	
30	Index map of the forest area proposed for diversion showing the land use in boundaries of adjoining forest/non-forest land.	UA & FD	
31	Cross section map showing present width / earlier diverted width (if any) and proposed expansion in case on linear diversion like road etc.	UA & FD	
32	DGPS map of forest area demanded for diversion (in case of linier diversion give few lat. Long. Regarding including starting and end points. In case of block diversion give Lat long of polygon)	UA	
33	Layout plan of project site approved by competent authority (for non-linear projects)	UA	
34	Geo referenced digital map in shape file. (For non-linear diversion)	UA	
35	Map showing alternate routes with different colours and justification of selection the proposed route (In case of linear diversion).	UA / FD	

ANNEXURE-1

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

The screenshot shows a web browser window with the URL forestclearance.nidm.in/User/Account/form1.aspx?pid=. The page header includes the logo of the Ministry of Environment, Forest and Climate Change, Government of India, and the text "PARIVESH परिवेश". A central message box states: "This part of application has been submitted successfully and unique proposal no. FP/AP/Pipeline/149027/2021 has been generated for future reference." Below this message is a "CONTINUE" button. The background shows a form titled "Form for seeking prior..." with various fields and a "CONTINUE" button.

Date: 10/12/2021

Place: Hyderabad

Executive Director (Tech)

National Fisheries Development Board

Hyderabad

Executive Director (Tech)
NFDB, Hyderabad

ANNEXURE-2

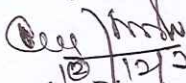
NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

DEMAND LETTER OF THE PROJECT AUTHORITY

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

National Fisheries Development Board
Hyderabad

Executive Director (Tech)
NFDB, Hyderabad

ANNEXURE-3

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

APPENDIX (See Rule 6)

FORM- 'A'; PART-I

1.	Short narrative of the proposals and project/scheme for which the forest land is required.	National Fisheries Development Board proposed to Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities.
(i)	Map showing the required forest land boundary of adjoining forest on a 1:50000 scale map	Attached herewith: (i) Scale 1:5000
(ii)	Cost the project	Rs. 66.00 crores (Approx.)
(iii)	Justification for locating the project in forest area	This project would not require any acquisition of land as already purchased. The site is well covered with water sources of brackish water at Northern part of the site, Mahendra Tanaya River, Sea water at eastern side of Bay of Bengal & freshwater from southern side of the site. The availability of these waters make the site suitable for taking up freshwater, brackish water and seawater aquaculture activities. Hence, alternate sites were not considered due to sufficient land availability. The small part of pipeline falls in the Coastal Reserved Forest, which was notified by the Survey of India. For the previously mentioned, unavoidable reasons an alternative location for the proposed activity was not an option thus making it a mandate to be proposed near but outside the reserved forest.
(iv)	Cost benefit analysis (enclosed)	It takes up a wide range of fishery development activities such as intensive aquaculture in ponds and tanks, culture based capture fisheries in reservoirs, coastal aquaculture.
(v)	Employment likely to be generated.	The proposed project has opportunities for both skilled and unskilled jobs during the construction phase. This project is expected to lead to indirect employment generation and spending on products and services, transport etc. that will benefit the local communities, vendors, and suppliers particularly in the Srikakulam district.
2.	Purpose-wise break-up of the total land required.	Land is required for laying of pipeline
3.	Details of displacement of people due to the project, if any	NOT APPLICABLE
(i)	Number of families	NOT APPLICABLE
(ii)	Number of scheduled castes/scheduled Tribe families	NOT APPLICABLE
4.	Whether clearance under environment (Protection) Act, 1986 required? (Yes/No)	Yes, CRZ Clearance will obtained from Ministry of Environment, Forests & Climate Change
5.	Undertaking to bear the cost of rising and maintenance of compensatory a forestation	Yes National Fisheries Development Board is also a

	and/or penal compensatory forestation as well as cost for protection and regimentation of safety zone. Etc. as per the scheme prepared by the state Government (undertaking to be enclosed)	Central Government body hence it should be maintaining rules as per the scheme prevailing rules enforced by Government.
6.	Details of certificates/documents enclosed as required under the instructions.	Details of certificate/Documents: As per index
(i)	Rehabilitation plan (to be enclosed)	NOT APPLICABLE

Date: 10/12/2021

Place: Hyderabad

(Signature)
10/12/2021

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ANNEXURE-4

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

DETAILED NOTE ON THE PROJECT

Nature of the project	Laying of pipeline for seawater intake for Development of Centre for Coastal Aquaculture activities.
Location of the project	
Latitude	18°52'14"N
Longitude	84°34'43"E
State	Andhra Pradesh
District	Srikakulam
Total site Area	99.185 Acres
General climatic conditions	
Average Annual Temperature	27.3°C
Annual average rain fall	997 mm
General location details	
Nearest city	Sompeta
District	Srikakulam
Nearest Village	Kottur village at 0.25km
Nearest Airport	Visakhapatnam
Nearest Railway station	Baruva Railway station at 4.65kms
Sanctuaries/National parks	Ratti RF at 9.8kms Baruva PF at 2.0kms Mahendratana PF at 1.41kms Erra Mukkam PF 2.2kms
Nearest Highway	NH -5 at 5.0kms
Nearest Water bodies	Bay of Bengal at 0.16km Mahendratana River at 1.12kms

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10/12/2021
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ANNEXURE-5

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

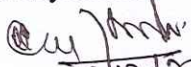
COST BENEFIT ANALYSIS.

Category of proposal for which cost benefit analysis is applicable.

Sr. No.	Nature of proposal	Applicable / Not Applicable	Remarks
1	All categories of proposals Involving forest less than 5ha, In plains and less than 2ha, in Hills.	Applicable	The proposed area is 0.39 Ha which is less than 5Ha in plains
2	Proposals for defence installation purpose oil prospecting.	Not Applicable	--
3	Habitation establishment of industrial units, tourist's Lodges/complexes other Buildings construction.	Not Applicable	Land is required for Laying pipeline for marine water intake only
4	All other proposals involving forest land more than 5ha. In plains and more than 2ha. In hills including roads, transmission lines, etc.	Not Applicable	Land is required for Laying pipeline only

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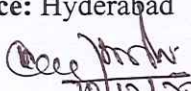
COST BENEFIT ANALYSIS

Parameter of evaluation of loss of forest

Sr.No.	Nature of proposal	Applicable/ Not Applicable	Remarks
1	Loss of value of timber and minor forest produce on an annual basis people who derived livelihood and wages from harvests of these commodities.	Not Applicable	Pipeline proposed without disturbing existing plantation
2	Loss of animal husbandry production including loss of fodder.	Not Applicable	
3	Cost of human settlement	Not Applicable	
4	Loss of public facilities and administrative infrastructure (Roads for bridges, school's dispensation, electric lines, railway lines etc.) on forest land or which would require forest and if these are due to the project.	Not Applicable	
5	Environmental losses (soil erosion, effect on hydrological cycle wild life habitat, micro climate upsetting of ecological balance.)	Not Applicable	
6	Suffering to outwoos	Not Applicable	

Date: 10/12/2021

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COST BENEFIT ANALYSIS

Parameter of evaluation of loss of forest

Sr.No.	Nature of proposal	Applicable/ Not Applicable	Remarks
1	Increased productivity attributable to the specific project	Applicable	It takes up a wide range of fishery development activities such as coastal aquaculture (Marine Finfish) in ponds and tanks.
2	Benefits of economy	Applicable	To improve fish production and marketing of the products of culture fisheries.
3	Employment potential	Applicable	The proposed project has opportunities for both skilled and unskilled jobs during the construction phase. This project is expected to lead to indirect employment generation and spending on products and services, transport etc. that will benefit the local communities, vendors, and suppliers particularly in the Srikakulam district.
4	Population Benefited	Applicable	To train and empower local community in the fisheries sector. To enhance the Marine fish production towards food and nutritional security. To enhance domestic marketing of fish and to increase per capita consumption.
5	Cost of acquisition of facility on non-forest land wherever feasible	Not Applicable	----
6	Loss of (a) agriculture (b) animal husbandry production due to diversion of forest land.	Not Applicable	-----
7	Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacements.	Not Applicable	-----
8	Cost of supply of free fuel wood to workmen residing in on near forest area during the period of construction.	Not Applicable	-----

Date: 10/12/2021

Place: Hyderabad

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ANNEXURE-7

**NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V),
SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH**

Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

STATEMENT SHOWING THE DETAILS I.E. SR.NO. /COUP NO. F.S. NO./COMPU. NO. ETC. OF THE FOREST AREA INVOLVED WITH ITS BOUNDARIES, ALONG WITH ITEM WISE BREAKUP OF THE FOREST AREA PROPOSED DIVERSION.

**Comp-No- 10
Yekuvuru PF, Barua Beat
Kasibugga Forest Range
Srikakulam Division**

**Length of the pipeline – 386.20 Meters
Average width of the pipeline – 10.22 Meters**

Date: 10/12/2021

Place: Hyderabad


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**Executive Director (Tech)
NFDB, Hyderabad**

ANNEXURE-8

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

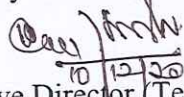
STATEMENT SHOWING THE DETAILS OF NON-FOREST AREA INVOLVED IN THE PROPOSAL.

The following is the land scenario along the proposed lying of pipeline:

- 0.39 Hectares (approx.) of forestland is required for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

National Fisheries Development Board
Hyderabad

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ANNEXURE-9

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

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JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA TO BE SUBMITTED BY USER AGENCY AND COUNTERSIGNED BY DCF.

The National Fisheries Development Board, a statutory body of Government of India, has proposed the Development of Coastal aquaculture activities at Mulapolam Village, Sompeta Mandal of Srikakulam district of Andhra Pradesh. The site is well covered with water sources of brackish water at Northern part of the site, Mahendra Tanaya River, Sea water at eastern side i.e Bay of Bengal & freshwater from southern side of the site. The availability of these waters make the site suitable for taking up freshwater, brackish water and seawater aquaculture activities. To take sea water from Bay of Bengal for the said project laying of pipeline through forest land is required as forest land is lying between the project site and Bay of Bengal. The small part of pipeline falls in the Protected Forest, which was notified by the Survey of India. For the previously mentioned, unavoidable reasons an alternative location for the proposed activity was not an option thus making it a mandate to be proposed near but outside the reserved forest.

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

National Fisheries Development Board

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ANNEXURE-10

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

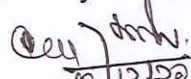
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CERTIFICATE FOR THE MINIMUM USE OF FOREST LAND & JUSTIFICATION FOR LOCATING THE PROJECT ON FOREST LAND TO BE SIGNED BY THE NODAL OFFICER.

The National Fisheries Development Board, a statutory body of Government of India, has proposed the Development of Coastal aquaculture activities at Mulapolam Village, Sompeta Mandal of Srikakulam district of Andhra Pradesh. This project would not require any acquisition of land as already purchased. The site is well covered with water sources of brackish water at Northern part of the site, Mahendra Tanaya River, Sea water at eastern side of Bay of Bengal & freshwater from southern side of the site. The availability of these waters make the site suitable for taking up freshwater, brackish water and seawater aquaculture activities. Hence, alternate sites were not considered due to sufficient land availability. The small part of pipeline falls in the Coastal Reserved Forest, which was notified by the Survey of India. For the previously mentioned, unavoidable reasons an alternative location for the proposed activity was not an option thus making it a mandate to be proposed near but outside the reserved forest.

Date: 10/12/2021

Place: Hyderabad


10/12/2021
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ANNEXURE-11

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

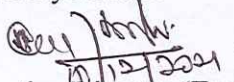
***UNDERTAKING BY USER AGENCY TO BEAR THE COST OF COMPENSATORY
AFFORESTATION DULY COUNTER SIGNED BY THE DCF (IN THE PRESCRIBED
FORMAT).***

CERTIFICATE

This is to certify that we have explored all other alternatives for the project and found this Forest land required is bare minimum area for the purpose and there will be no further requirement of additional area. We as User Agency also certify that we will not shift to any area other than the area as mentioned in the proposal. We also certify that no suitable private or Government Non Forest land is available at the site for this project. As user agency we certify to bear the cost of Compensatory afforestation.

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

National Fisheries Development Board
Hyderabad

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ANNEXURE-12

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

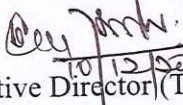
***UNDERTAKING BY USER AGENCY TO PAY THE NET PRESENT VALUE (NPV) OF
THE FOREST LAND INVOLVED DULY COUNTERSIGNED BY DCF (IN THE
PRESCRIBED FORMAT).***

UNDER TAKING

We undertake to pay the cost of Net Present value (NPV) and Additional Net Present Value (ANPV) of the forestland to be diverted as per the orders of the State Government/Government of India as and when the demanded is raised by the Forest Department.

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

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NFDB, Hyderabad

ANNEXURE-13

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH


Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

UNDERTAKING OF USER AGENCY TO ABIDE BY ANY ADDITIONAL CONDITION STIPULATED BY THE CENTRAL /STATE GOVERNMENT FOR THE PROTECTION / CONSERVATION / DEVELOPMENT OF FOREST & WILDLIFE.

We, NFDB are abide by any additional condition stipulated by the Central/State Government for the protection/Conservation/Development of Forest and Wildlife.

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

National Fisheries Development Board
Hyderabad

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NFDB, Hyderabad

ANNEXURE-14

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

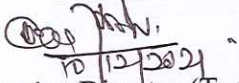
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STATUS OF ENVIRONMENT & CRZ CLEARANCE UNDER ENVIRONMENT (PROTECTION) ACT, 1986 WHEREVER REQUIRED.

CRZ Clearance will obtained from Ministry of Environment, Forests & Climate Change for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities. SCZMA clearance is under progress.

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

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Hyderabad

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ANNEXURE-15

**NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V),
SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH**

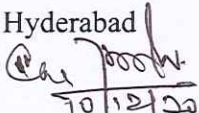
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***RESOLUTION OF GRAM SABHA (OTHER THAN LINEAR PROJECTS) AND
CERTIFIED ENGLISH TRANSLATION AND CERTIFICATE OF COLLECTOR
REGARDING FRA 2006, IN THE PRESCRIBED PROFORMA (AS PER GOL LETTER
F.NO.11-9/98-FC (PT.), DATE.5/7/2013).***

-----NOT APPLICABLE-----

Date: 10/12/2021

Place: Hyderabad


10/12/2021
Executive Director (Tech)

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NFDB, Hyderabad

ANNEXURE-23

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

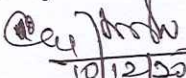
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***IN CASE OF VIOLATION OF FOREST (CONVERSATION) ACT, 1980. AND/OR
GUIDELINES. THE DETAILS OF THE PERSONS RESPONSIBLE FOR VIOLATION.***

-----NOT APPLICABLE-----

Date: 10/12/2021

Place: Hyderabad


10/12/2021
Executive Director (Tech)

National Fisheries Development Board
Hyderabad

Executive Director (Tech)
NFDB, Hyderabad

ANNEXURE-26

**NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V),
SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH**

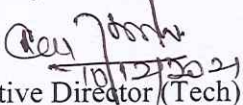
Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

CERTIFICATE OF USER AGENCY AND DCF REGARDING COURT CASE

-----NOT APPLICABLE-----

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

National Fisheries Development Board
Hyderabad

Executive Director (Tech)
NFDB, Hyderabad

ANNEXURE-28

**NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V),
SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH**

Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

***MAP SHOWING FOREST AREA/BOUNDARIES AND OTHER ADJOINING AREA
WITH THEIR LAND USE IN 1:50000 OR ANY OTHER SUITABLE SCALE IN
ORIGINAL SURVEY OF INDIA TOPO SHEET OR CADASTRAL MAP.***

The above-mentioned map has been attached herewith on the following page.

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

National Fisheries Development Board

Hyderabad

Executive Director (Tech)
NFDB, Hyderabad

ANNEXURE-29

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

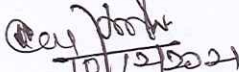
Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

***INDEX MAP SHOWING FOREST BOUNDARIES AND A LOCATION MAP ON A
LARGER SCALE WITH LAND USE OF THE AREA REQUIRED DULY SIGNED BY
DCF/CF CONCERNED.***

The above-mentioned map has been attached herewith on the following page.

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

National Fisheries Development Board

Hyderabad

Executive Director (Tech)
NFDB, Hyderabad

ANNEXURE-30

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

***INDEX MAP OF THE FOREST AREA PROPOSED FOR DIVERSION SHOWING THE
LAND USE IN BOUNDARIES OF ADJOINING FOREST/NON-FOREST LAND.
10Km RADIUS LAND USE LAND COVER MAP IS ATTACHED***

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

National Fisheries Development Board
Hyderabad

Executive Director (Tech)
NFDB, Hyderabad

ANNEXURE-31

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

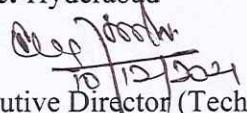
Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

**CROSS-SECTION MAP SHOWING PRESENT WIDTH / EARLIER DIVERTED
WIDTH (IF ANY) AND PROPOSED EXPANSION IN CASE ON LINEAR DIVERSION
LIKE ROAD ETC.**

-----NOT APPLICABLE-----

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

National Fisheries Development Board

Hyderabad

Executive Director (Tech)
NFDB, Hyderabad

ANNEXURE-32

**NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V),
SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH**

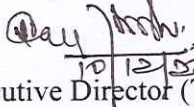
Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

***DGPS MAP OF FOREST AREA DEMANDED FOR DIVERSION (IN CASE OF
LINEAR DIVERSION GIVE FEW LAT. LONG. REGARDING INCLUDING
STARTING AND END POINTS. IN CASE OF BLOCK DIVERSION GIVE LAT LONG
OF POLYGON)***

The above-mentioned map has been attached herewith on the following page.

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

National Fisheries Development Board
Hyderabad

Executive Director (Tech)
NFDB, Hyderabad

ANNEXURE-33

**NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V),
SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH**

Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

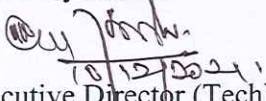
***LAYOUT PLAN OF PROJECT SITE APPROVED BY COMPETENT AUTHORITY
(FOR NON-LINEAR PROJECTS)***

-----**NOT APPLICABLE**-----

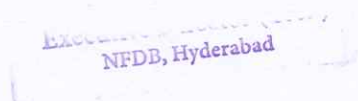
As the proposed area is linear area (Polygon)

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

National Fisheries Development Board
Hyderabad


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ANNEXURE-34

NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V), SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH

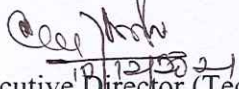
Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

GEO REFERENCED DIGITAL MAP IN SHAPE FILE. (FOR NON-LINEAR DIVERSION)

The above-mentioned map has been attached herewith on the following page.

Date: 10/12/2021

Place: Hyderabad


Executive Director (Tech)

National Fisheries Development Board
Hyderabad

Executive Director (Tech)
NFDB, Hyderabad

ANNEXURE-35

**NATIONAL FISHERIES DEVELOPMENT BOARD AT MULAPOLAM (V),
SOMPETA (M), SRIKAKULAM DISTRICT, ANDHRA PRADESH**

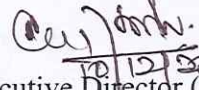
Name of work: Proposal of 0.39 Hectares of forestland in sea diversion for Laying of Pipeline for Seawater intake for Development of Centre for Coastal Aquaculture activities at Mulapolam (V), Sompeta (M), Srikakulam district, A.P.

***MAP SHOWING ALTERNATE ROUTES WITH DIFFERENT COLOURS AND
JUSTIFICATION OF SELECTION THE PROPOSED ROUTE (IN CASE OF LINEAR
DIVERSION).***

-----**NOT APPLICABLE**-----

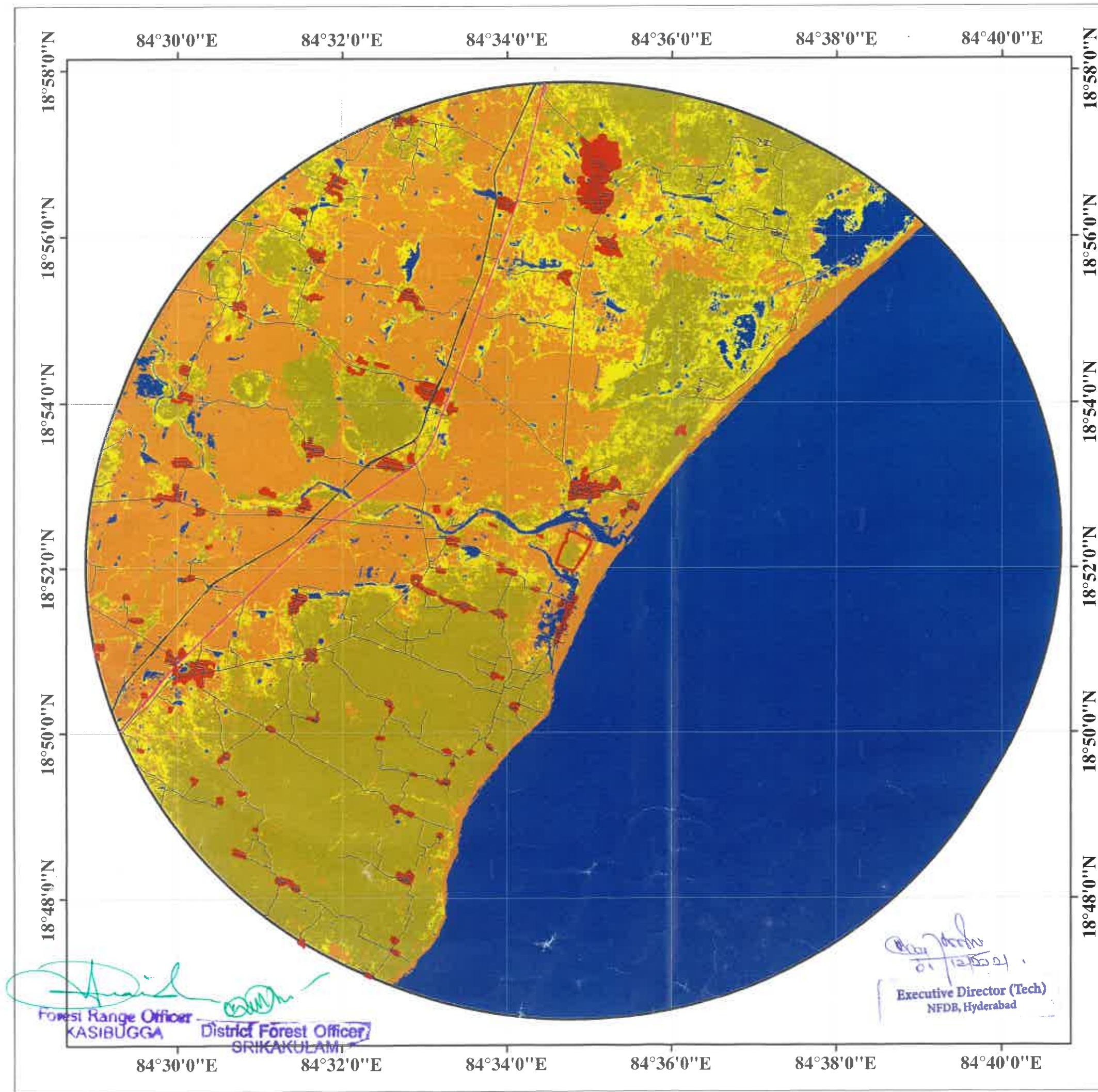
Date: 10/12/2021

Place: Hyderabad

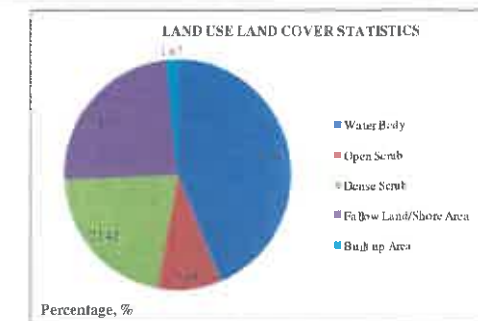

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Hyderabad

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NFDB, Hyderabad



S.No.	Classification	Area, Ha	Percentage, %
1	Water Body	14868.08	43.76
2	Open Scrub	3087.40	9.09
3	Dense Scrub	7278.35	21.42
4	Fallow Land/Shore Area	8177.53	24.07
5	Built up Area	567.82	1.67
Total		33979.18	100



Legend

- Project Site
- Water Body
- Open Scrub
- Dense Scrub
- Fallow Land
- Builtup Area
- Road Way
- Railway Line

Source: Sentinel-2A
Sensing Date: 02.01.2021



**LAND USE LAND COVER MAP
DEVELOPMENT AND OPERATION OF
COASTAL AQUACULTURE (BY NFDB)**

Mulapolam Village, Sompeta Mandal,
Srikakulam District, Andhra Pradesh

Prepared By



SV Enviro Labs & Consultants
Environmental Engineers & Consultants in Pollution Control
Enviro House, B1, Block - 'B', IDA, Auto Nagar,
Andhra Pradesh, Visakhapatnam

Forest Range Officer
KASIBUGGA

District Forest Officer
SRIKAKULAM

Executive Director (Tech)
NFDB, Hyderabad