



OFFICE OF THE DIVISIONAL FOREST OFFICER, DHENKANAL FOREST DIVISION
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MemoNo 7534 **3F/Misc/733/2021/dt.** 21.10.2022

To,

The Regional Chief Conservator of Forests,
Angul.

Sub:- Proposal for Diversion of 2.3140 Ha. Forest Land for laying of 24" dia Natural Gas Pipeline along with OFC from Srikakulam Andhra Pradesh to Angul (Odisha) Pipeline laying through Village Forest area under jurisdiction of Dhenkanal Forest Division by GAIL India Limited.

Proposal No.147445/2021 dt.05.10.2021.

State Serial No-OR-084/2021 DT.05.10.2021.

On the above mentioned subject, I would inform you that out of 6.1487 Ha. of Forest land proposed for diversion in connection with the above Project 2.3140 Ha. Forest land is relating to Dhenkanal Forest Division. The above proposal for Diversion of 2.3140 Ha. of Forest Land for laying of 24" dia Natural Gas Pipeline along with OFC from Srikakulam Andhra Pradesh to Angul (Odisha) Pipeline laying through Village Forest area under jurisdiction of Dhenkanal Forest Division by GAIL India Limited. The project proposal has been received from the User Agency through online on dt.08.08.2022 bearing **State Serial No. OR-033/2017 dt.02.08.2017** for due processing and onward transmission for approval under Section 2 of Forest (Conservation) Act, 1980.

Brief Description of the Proposal.

M/s. GAIL (India) Limited, has proposed to lay Srikakulam-Angul Natural Gas Pipeline (SAPL) Project including associated Spur Pipelines under Authorization from MoPNG (Ministry of Petroleum and Natural Gas), Govt. of India. The approximate length of the SAPL Pipeline is 690 kms with an initial system capacity of at least 5 MMSCMD. The said Pipeline shall be passing through the various parts of Andhra Pradesh & Odisha for supply and distribution of Natural Gas / RLNG to various industries and City Gas Distribution networks.

The proposed Srikakulam-Angul Pipeline along with surp line will be laid across land falling along / across the ROU (Right of Use) and various utilities such as roads, canal, river etc. The said Pipeline shall be laid at the minimum depth of 1.2 mts. below NGL (Natural ground level).

The present proposal is for laying of underground Natural Gas Pipeline along with Optical Fiber Cable (OFC) from Srikakulam to Angul (Odisha Section). The Srikakulam-Angul Natural Gas Pipeline (SAPL) Odisha Section by GAIL (India) Ltd. involves 6.1487 ha. of forest land and 586.7539 ha. of non-forest land passing through 286 Village in Odisha Section. This (SAPL) Odisha Section involved 08 forest division namely Angul, Dhenkanal, Athagard, Khurdha, Nayagada, Ghumusura (South) Division, Brahmapur & Paralakhemundi and 07 Districts namely Angul, Dhenkanal, Cuttack, Khurdha, Nayagada, Ganjam and Gajapati.

Land particular of the Project.

Out of the total requirement of Forest land over an area of 6.1487 Ha. for the above Project, 2.3140 Ha. is coming under Dhenkanal Forest Division. Accordingly, the detail status of Forest Land is categorically furnished below.

Dhenkanal Forest Divison

Forest Land (in Ha)	Non-Forest Land (in Ha)		
	Govt. land	Pvt. Land	Grand Total
Hindol Tahasil- 2.0100Ha	3.1496	54.9508	60.1104
Odapada Tahasil- 0.304Ha	0.9416	11.5582	12.8038
Dhenkanal Sadar Tahasil- 0.00 Ha..	0.5929	21.7868	22.3797
Total 2.3140Ha.	4.6841Ha.	88.2958Ha.	95.2939Ha.

Justification for locating the project in forest land.

The projected demand and supply of natural gas in the states of Andhra Pradesh and Odisha are provided by the Marketing department of GAIL. The Gas demand is going to come from existing anchor industries in the state of Odisha like Vedanta Limited. Utkal Alumina (Hindalco), Nalco, and other demands for domestic /Industrial/Commercial/Transport sectors in Ganjam/Nayagada Districts. This pipeline will connect various RLNG terminal like, Dhamra, Dahej, etc. and domestic gas fields of KG basin etc. to the customers in Eastern region through JHBDPL and Southern region through KSPL. Therefore it will provide connectivity to multiple sources to the enroute customers also. In view of the same, it has strategic importance and part of the National Gas Grid. So, the Forest Land as proposed is required for the project in the interest of the public service.

Compensatory Afforestation.

As per Para 2.8(ii) of Guideline to Forest (Conservation) Act, 1980 for Govt. of India Projects Compensatory Afforestation will be raised in degraded forest twice in extent. Therefore, 12.523Ha. degraded forest is required for compensatory Afforestation. Accordingly CA Scheme shall be prepared for minimum of 1000 saplings per hectare of identified CA land with ten-year maintenance.

Accordingly degraded forest land over 12.523Ha. identified in Kapilash RF (Kapilash Wildlife Sanctuary) under Khankira Section, of Sadangi Range in Dhenkanal Forest Division, which will accommodate 1000 plants per Ha.

The land particulars of the proposed compensatory afforestation area is depicted below

Patch	Division	Range	Section	Name of RF	Compartment No.	Area considered for Compensatory Afforestation (Ha.)
1	Dhenkanal	Sadangi	Khankira	Kapilash RF (Kapilash Wildlife Sanctuary)	25	12.523Ha.

The site is located on survey of India Topo Sheet No F45-T/14 between Latitude: 20° 44' 23.84618" - Longitude: 85° 54' 27.98057" (Separate packet). DGPS Survey of the identified land has been taken up and duly certified by the ORSAC. The Map area is 12.523 Ha. as per ORSAC report. Accordingly scheme for Site Specific Compensation Afforestation has been prepared over and area of 12.523 Ha. on one time cost norm.

Tree Enumeration.

The tree enumeration list in Forest Land is enclosed with the forest diversion proposal. As per tree enumeration list, the following trees are proposed in Forest Land have been enumerated.

Sl. No	Name of the Area	Enumeration of trees
1	Revenue Forest land	698 Nos.
2	Non-Forest Land	356 Nos.
Total		1054 Nos.

The tree enumeration list has been enclosed along with the Forest Diversion proposal.

Model Certificate under FRA 2006.

The User agency has applied the model certificate to the Collector & District Magistrate, Dhenkanal under the Scheduled Tribes and Other Traditional Forest Dwellers

(Recognition of Forest Rights) Act, 2006 and accordingly, the User Agency has furnished the Undertaking to submit the same after receipt from the Collector & District Magistrate, Dhenkanal before issue of stage-II forest clearance order. The Undertaking has been enclosed along with the Forest Diversion Proposal.

Maps.

In pursuance to the Guide lines issued by Gol, MoEF & CC, the User Agency has furnished all DGPS Maps for the Forest so involved in the project duly certified by ORSAC and authenticated by the concerned Tahasildar are enclosed in the Diversion Proposal in **Plates**.

Position of Displacement of People and Rehabilitation if any.

No displacement is involved in the project area. So rehabilitation plan is not required.

Cost Benefit Analysis.

Cost benefit analysis for the project is not required as the proposed forest area for Diversion is less than 20Ha.

Flora And Fauna.

The common species of Flora and Fauna which are noticed in the forest area proposed for Diversion in respect of Dhenkanal Forest Division are furnished in the Part-II enclosed in the Diversion proposal in details.

Net Present value.

The User Agency has submitted an undertaking to pay the Net present value on received of demand notice and on due revision if any an accordingly the undertaking has been enclosed in the Forest Diversion Proposal.

Violation

No violation of F.C Act. By the User Agency has been noticed so, far in Respect of the above project.


General

Due to elephant depredation in Dhenkanal, Odapada and Hindol Tahasil, the site specific Wild Life Conservation plan is required for the project.

Recommendations

In this connection, 2 (Two) sets of Diversion Proposal along with ~~4~~no CD with due recommendation are submitted herewith for favour of kind information & necessary action.

This is submitted for favour of kind information and taking necessary action.


Divisional Forest Officer
Dhenkanal Division

Memo No 7535 /Dt. 21.10.2022

Copy submitted to the Addl. Principal Chief Conservator Forest Diversion NO FC ACT O/o Principal Chief Conservator Forest & HoFF Odisha Bhubaneswar for favour of kind information and necessary action.


Divisional Forest Officer,
Dhenkanal Division

Memo No 7536 /Dt. 21.10.2022

Copy submitted to the Principal Chief Conservator Forest Wild Life & Chief Wild Life Warden Odisha Bhubaneswar for favour of kind information and necessary action.


Divisional Forest Officer,
Dhenkanal Division

Memo No 7537 /Dt. 21.10.2022

Copy submitted to the Collector & District Magistrate Dhenkanal for favour of information and necessary action.


Divisional Forest Officer,
Dhenkanal Division

Memo No 7538 /Dt. 21.10.2022

Copy Forwarded to the DGM. Construction Utkal Signature, Pahal, 612 NH-5, Bhubaneswar-752101 for favour of information and necessary action.


Divisional Forest Officer,
Dhenkanal Division