

Diversion of 22.9648 ha. forest land under Section 2 for Forest (Conservation) Act, 1980 for Construction of underground Petroleum products pipeline with OFC and its associated facilities from Mahul (Mumbai Suburban District) to Rasayani (Raigad District) in Maharashtra State.

PART - III

(To be filled by the concerned Chief Conservator of Forests)

1.	Whether site, where the forest land involved is located has been inspected by concerned Chief Conservator of Forests (Yes/No). If yes, the date of inspection and observations made in form of inspection note to be enclosed.	No, since the forest area required for the project is less than 40 ha. so inspection was not done by Chief Conservator of Forests (T), Thane.
2.	Whether the concerned Chief Conservator of Forests agree with the information given in Part-II and the recommendations of Deputy Conservator of Forests.	Agreed with the recommendation of the Deputy Conservator of Forests, Alibag.
3.	Specific recommendation of the Chief Conservator of Forests for acceptance of otherwise of the proposal with detailed reasons.	The proposal is recommended as pipeline is a safe mode of transportation of Petroleum product that leads to reduce road congestion, lower energy consumption and is environmental friendly by minimizing gaseous emission in transit. The proposed pipeline is for public utility and for supply of aviation fuel to proposed Navi Mumbai International Airport.



(Naresh Zurmure)

Chief Conservator of Forests (T),
Thane

Date : 04.03.2020

Place : Thane



Chief Conservator of Forest (T.), Thane

Micro wave tower, bara banglow area, thane (E.), 400 603

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Letter

Subject :- Diversion of 22.9648 ha. forest land under Section 2 for Forest (Conservation) Act, 1980 for Construction of underground Petroleum products pipeline with OFC and its associated facilities from Mahul (Mumbai Suburban District) to Rasayani (Raigad District) in Maharashtra State.

No. Desk-10/FCA/CR-50/19-20/OW-698/19-20.
Thane – 400 603, Dated : 04/03/2020

To,
**Addl. Principal Chief Conservator of Forests
& Nodal Officer,
M.S., Nagpur.**

The Deputy Conservator of Forests, Alibag has submitted the proposal mentioned in the subject vide his letter No. A/20/Land/1820, dated 06.02.2020 & letter No. A/20/Land/1830, dated 20.02.2020. Xerox copy of the same are enclosed herewith for your ready reference. The Project Authority of this project is General Manager, Pipelines (Projects) Bharat Petroleum Corporation Ltd., 2nd floor, ERP Building, 'A' Installation, Sewree Fort, Sewree (East), Mumbai.

- 2.00 The Project Authority has submitted a proposal for diversion of 22.9648 ha. Forest land for Construction of underground Petroleum products pipeline with OFC and its associated facilities from Mahul (Mumbai Suburban District) to Rasayani (Raigad District) State of Maharashtra. Therefore, the Project Authority is seeking GOI's permission u/s.2 of Forest (Conservation) Act, 1980.
- 3.00 The User Agency BPCL has highlighted that BPCL is a Maharatna Company of Government of India under the aegis of Ministry of Petroleum & Natural Gas and it is empowered to take decision for its capital projects. The project has been approved by BPCL board vide board resolution note dated 12.07.2018.

The expansion of refinery centric facilities envisaged at Rasayani includes Petrochemical facilities, White Oil Rail loading facilities & Lube oil Blending plants. The Petrochemical facilities envisaged required raw materials like Propylene, Ethylene,

Unconverted Oil (UCO) and Naphtha. The proposed Lube Oil Blending plant will receive Lube Oil Base Stock (LOBS) through pipeline. The proposed Naphtha pipeline is also proposed to be used for other white oil product for setting - up a Railway wagon loading facility at Rasayani, thereby developing this important mode of evacuation for BPCL's Mumbai Refinery.

The proposed pipelines from BPCL Mumbai Refinery to Rasayani is meant for the product like :- Propylene, Lube Oil, UCO, Multiproduct Pipeline.

The said pipelines will provide Energy Security to entire Maharashtra and part of Northern India. These pipelines will provide an alternate / additional evacuation point to Mahul Refinery. This is in line with the International practice for Refinery Evacuation and energy security requirements.

4.00 The total non forest land involved in the project is 106.6608 ha. The detailed area statement of forest area is shown as under :-

Sr. No.	District	Taluka	Village	Survey No.	Area (ha.)	Legal Status
1)	Raigad	Panvel	Creek		05-49-23	Mangrove (Un-notified)
2)	Raigad	Panvel	Creek		01-52-17	Mangrove (Un-notified)
3)	Raigad	Panvel	Ulwe	100	00-89-33	Mangrove (Un-notified)
				98	00-10-29	Mangrove (Un-notified)
				97	00-09-53	Mangrove (Un-notified)
				95	00-37-58	Mangrove (Un-notified)
				51	00-07-26	Finally Acquired Private Forest
4)	Raigad	Panvel	Sonkhar	1/3	00-34-48	Mangrove (Un-notified)
				1/5	00-05-17	Mangrove (Un-notified)
				1/8	00-10-20	Mangrove (Un-notified)
				1/11	00-13-23	Mangrove (Un-notified)
				1/20	00-09-78	Mangrove (Un-notified)
				3/2	00-24-50	Mangrove (Un-notified)
				3/8	00-00-15	Mangrove (Un-notified)
				16/1	00-13-03	Mangrove (Un-notified)
				16/7	00-02-04	Mangrove (Un-notified)
				16/26	00-06-33	Mangrove (Un-notified)
				16/10	00-02-00	Mangrove (Un-notified)
				16/11	00-01-63	Mangrove (Un-notified)
				16/12	00-14-99	Mangrove (Un-notified)
				16/13	00-01-23	Mangrove (Un-notified)
				16/25	00-00-05	Mangrove (Un-notified)
				16/16	00-00-05	Mangrove (Un-notified)
				16/17	00-02-21	Mangrove (Un-notified)
16/18	00-01-34	Mangrove (Un-notified)				
16/23	00-02-70	Mangrove (Un-notified)				
16/22	00-02-28	Mangrove (Un-notified)				
16/20	00-04-29	Mangrove (Un-notified)				

				16/19	00-00-05	Mangrove (Un-notified)
				16/21	00-03-27	Mangrove (Un-notified)
				16/24	00-00-68	Mangrove (Un-notified)
				15/2	00-00-77	Mangrove (Un-notified)
				15/4	00-03-32	Mangrove (Un-notified)
				15/6	00-07-98	Mangrove (Un-notified)
				15/11	00-10-13	Mangrove (Un-notified)
				15/10	00-08-71	Mangrove (Un-notified)
				15/12	00-00-51	Mangrove (Un-notified)
				15/13	00-02-45	Mangrove (Un-notified)
				15/14	00-01-19	Mangrove (Un-notified)
				20/5	00-00-31	Mangrove (Un-notified)
				20/1	00-09-24	Mangrove (Un-notified)
				20/2	00-00-36	Mangrove (Un-notified)
5)	Raigad	Panvel	Owle	193	00-89-91	Section-4 R.F.
				173	00-19-16	Mangrove (Un-notified)
				174	00-10-28	Mangrove (Un-notified)
				175	00-10-13	Mangrove (Un-notified)
				Creek	00-15-42	Mangrove (Un-notified)
6)	Raigad	Panvel	Paragaon Dungi	7	00-03-38	Mangrove (Un-notified)
7)	Raigad	Panvel	Karanjade	52/4	00-23-56	Restored Private Forest
				52/1	00-06-85	Restored Private Forest
8)	Raigad	Panvel	Sirdhon	115	01-17-12	Unclassed Forest
9)	Raigad	Panvel	Somtane	132	00-33-59	Section-4 R.F.
10)	Raigad	Panvel	Narpoli	RF	00-15-31	Reserved Forest
				173	00-63-08	Section-4 R.F.
11)	Raigad	Panvel	Devlooli Budruk	99	00-52-53	Reserved Forest
Alibag Division's Total area					15-16-36	
12)	Mumbai Suburban	Kurla	Mahul	638 pt.	00-05-60	Mangrove including mudflat u/s.4 of IFA, 1927
				638 pt.	00-11-00	
				638 pt.	00-10-01	
				638 pt.	00-80-35	
				638 pt.	01-41-16	
				638 pt.	05-32-00	Mangrove (Un-notified)
Mangrove Cell's Total area					07-80-12	
Grand Total					22-96-48	

5.00 The Project Authority has given undertaking to pay the total cost of Net Present Value as directed by the Govt. of India. The Project Authority has submitted necessary Certificates/ Undertakings and Maps which are enclosed in the proposal.

6.00 Divisional Forest Officer, Mumbai Mangrove Conservation Unit , Mumbai & The Deputy Conservator of Forests, Alibag has certified that the provisions of Forest (Conservation) Act, 1980 and guidelines under the Act have not been violated by the Project Authority.

7.00 The Deputy Conservator of Forests, Alibag has certified that 46.00 ha. degraded forest land as mentioned in below for Compensatory Afforestation and it is suitable for Afforestation and management purpose also it is free from encroachment and encumbrances.

Sr. No.	Taluka	Name of Village	Survey No.	Area proposed for plantation	Legal Status of land
1)	Panvel	Palaspe	137 (Old S.No.76)	10.00	Reserved Forest u/s.4 of IFA 1927
2)	Panvel	Morba	62 & 65 (Old S.No. 61 & 64)	15.00	Reserved Forest u/s.4 of IFA 1927
3)	Karjat	Kashele	23	8.00	Reserved Forest u/s.4 of IFA 1927
4)	Karjat	Ganegaon	37	13.00	Reserved Forest u/s.4 of IFA 1927
Total				46.00	

The Project Authority has submitted an undertaking to defray the cost of Compensatory Afforestation cost at the prevailing wage rate.

8.00 The Deputy Conservator of Forests, Alibag has certified that the non-forest land proposed under the proposal is neither deemed Reserved Forest under the provisions of Maharashtra Private Forests (Acquisition) Act, 1975 nor identified as "Forest" as envisaged in the interim order passed by the Hon'ble Supreme Court of India dated 12/12/1996.

9.00 The Deputy Conservator of Forests, Alibag and Divisional Forest Officer, Mumbai Mangrove Conservation Unit, Mumbai has certified that the proposed project is not likely to affect any monuments, site of culture, historical, religious, archeological or recreational importance.

10.00 The Deputy Conservator of Forests, Alibag has certified that the Project area is beyond Karnala Bird Sanctuary and ESZ of Karnala Bird Sanctuary. The distance from Karnala Bird Sanctuary is 1.89 Km. The proposed alignment of Project is within deemed Eco-Sensitive Zone of Thane Creek Flamingo Sanctuary. The distance from Thane Creek Flamingo Sanctuary is 5.5 Km. and Sanjay Gandhi National Park is 11.2 km.

11.00 The project involves felling of 11677 trees of various species and girth classes in the area falling in diversion Girth wise break up is as under :-

No. of Tree Girth wise (in cms)									
15/30	31/45	46/60	61/75	76/90	91/105	106/120	121/150	151/181	Total
8988	1886	304	292	207	0	0	0	0	11677

The Project Authority has submitted an undertaking to defray the cost of tree felling at the prevailing wage rate.

- 12.00 The Deputy Conservator of Forests, Alibag & Divisional Forest Officer, Mumbai Mangrove Conservation Unit, Mumbai has certified that no alternate alignment is possible and the forest land required is the barest minimum.
- 13.00 Project Authority will obtain Permission of Hon'ble High Court will obtain for implementing the project in Mangrove areas as per Bombay High Court order dated 27.01.2010 in PIL No.87/2006, also the User Agency will obtain the permission of CRZ & Environment Clearance.
- 14.00 The Project Authority has not submitted the FRA - 2006 Certificate. Regarding this, the necessary undertaking by the Project Authority is submitted and the same enclosed in the proposal. The Project Authority may be asked to submit FRA - 2006 Certificate from Collector Thane & Raigad after Stage-I approval of the Govt. of India.
- 15.00 The Deputy Conservator of Forests, Alibag has inspected the proposed diversion area on dated 05.02.2020 & Divisional Forest Officer, Mumbai Mangrove Conservation Unit, has inspected the proposed diversion area on dated 23.08.2019. Site Inspection Reports are enclosed in the proposal.
- 16.00 As per the recommendation of the Deputy Conservator of Forests, Alibag & Divisional Forest Officer Mumbai Mangrove Conservation Unit, the proposal is for Construction of underground Petroleum products pipeline with OFC and associated facilities from Mahul (Mumbai Suburban District) to Rasayani (Raigad District) is a safe mode of transportation of Petroleum product that leads to reduce road congestion, lower energy consumption and is environmental friendly by minimizing gaseous emission in transit. The proposed pipeline is for public utility and for supply of aviation fuel to proposed Navi Mumbai International Airport. This project is recommended as this is an infrastructure development and public utility project for diverting the required forest land under Forest (Conservation) Act, 1980.

17.00 Four sets of proposal are enclosed herewith with all required documents for further necessary action. Proposal is submitted online vide No. FP/MH/Pipeline/44347/2020.



(Naresh Zurmure)
Chief Conservator of Forests (T),
Thane

Encl. :- as above.

Copy to the Additional Principal Chief Conservator of Forests, Mangrove Cell, Mumbai for information & necessary action.

Copy to the Deputy Conservator of Forests, Alibag & Divisional Forest Officer Mumbai Mangrove Conservation Unit for information and necessary action.

Copy to General Manager, Pipelines (Projects) Bharat Petroleum Corporation Ltd., 2nd floor, ERP Building, 'A' Installation, Sewree Fort, Sewree (East), Mumbai for information and necessary action.

(Naresh Zurmure)
Chief Conservator of Forests (T),
Thane