

चेकलिस्ट क्र.-01
आवेदक विभाग का मांगपत्र

संरक्षण अधिनियम 1980 के तहत वन भूमि/राजस्व वनभूमि के प्रत्यावर्तन का प्रस्ताव
(भारत सरकार के राजपत्र अधिसूचना अनुसार)

भाग-I

(प्रयोक्ता एजेंसी द्वारा भरे जाने के लिए)

प्रस्ताव की आनलाईन पंजीयन क्रं.- **FP/CG/Others/154619/2022**

1. परियोजना विवरण :-

(i) अपेक्षित वन भूमि के लिए प्रस्ताव/परियोजना/स्कीम का संक्षिप्त विवरण :-

गेल (इंडिया) लिमिटेड को (एमएनजेपीएल) परियोजना के अंतर्गत नागपुर से झारसुगुड़ा तक 700 कि०मी० प्राकृतिक गैस पाइपलाइन बिछाने के लिये MoPNG (Ministry of Petroleum and Natural Gas), Govt. of India, से अधिकार प्राप्त हुआ है। MoPNG से प्राप्त अधिकार पत्र पृष्ठ संख्या 20 से 26 पर संलग्न है। प्रस्तावित एमएनजेपीएल परियोजना के अंतर्गत प्राकृतिक गैस पाइपलाइन छत्तीसगढ़ राज्य के रायगढ़ जिले से होकर गुजर रही है।

प्रस्तावित परियोजना में सम्मिलित वनभूमि का विवरण निम्नानुसार है :-

क्र.	परिक्षेत्र	वनखण्ड	वनकक्ष क्रमांक	लम्बाई मी. में	चौड़ाई मी. में	हेक्टेयर
1	खरसिया	टेमटेमा	1187	151.7	10	0.1517
2	रायगढ़	गजमार	1009	349.0	10	0.3490
3	रायगढ़	गजमार	1010	448.0	10	0.4480
वनभूमि का योग -				948.7	10	0.9487
क्र.	ग्राम	कैफियत	खसरा क्रमांक	लम्बाई मी. में	चौड़ाई मी. में	हेक्टेयर
1	लोधिया	छोटे झाड का जंगल	3	79.8	10	0.0798
2	लोधिया	छोटे झाड का जंगल	16/1	84.2	10	0.0842
3	सरवानी	छोटे झाड का जंगल	400	93	10	0.0930
4	भदरीपाली	छोटे/बड़े झाड का जंगल एवं घास	53/1K	128.3	10	0.1283
5	दुसेकेला	छोटे/बड़े झाड का जंगल	107	8.6	10	0.0086
6	दुसेकेला	छोटे/बड़े झाड का जंगल	559/1	69.4	10	0.0694
7	चौढा	छोटे/बड़े झाड का जंगल	239/1K	6	10	0.0060

8	भेलवाडीह	छोटे/बड़े झाड़ का जंगल	166/1	104.5	10	0.1045
9	भेलवाडीह	छोटे/बड़े झाड़ का जंगल	168(168/1)	16.9	10	0.0169
10	बानीपाथर	छोटे झाड़ का जंगल	277	16	10	0.0160
11	बानीपाथर	छोटे झाड़ का जंगल	279	16.4	10	0.0164
12	बानीपाथर	छोटे झाड़ का जंगल	600	55.4	10	0.0554
13	रानीसागर	छोटे/बड़े झाड़ का जंगल	5/2 /KHA	27.5	10	0.0275
14	कुनकुनी	छोटे/बड़े झाड़ का जंगल	164/1	25.1	10	0.0251
15	टेमटेमा	छोटे/बड़े झाड़ का जंगल	1	80	10	0.0800
16	टेमटेमा	छोटे/बड़े झाड़ का जंगल	501	44.3	10	0.0443
17	कनमुरा	छोटे/बड़े झाड़ का जंगल	120/3	25.4	10	0.0254
18	कनमुरा	छोटे/बड़े झाड़ का जंगल	119/2	8.7	10	0.0087
19	कनमुरा	छोटे/बड़े झाड़ का जंगल	107	8.7	10	0.0087
20	मुरा	छोटे/बड़े झाड़ का जंगल	719(719/1)	2.7	10	0.0027
21	मुरा	छोटे/बड़े झाड़ का जंगल	717	78.9	10	0.0789
22	नावापारा	छोटे/बड़े झाड़ का जंगल	197/2	4.5	10	0.0045
23	किरीतमाल	छोटे/बड़े झाड़ का जंगल	203	12.5	10	0.0125
24	पंडरीपानी	छोटे/बड़े झाड़ का जंगल	15(15/1)	43.1	10	0.0431
25	गेजामुड़ा	छोटे/बड़े झाड़ का जंगल एवं घास का सुरक्षित गोदाम	820/2	42.5	10	0.0425
26	पटेलपाली	छोटे/बड़े झाड़ का जंगल	5	2.1	10	0.0021
27	जुर्डा	छोटे/बड़े झाड़ का जंगल	31/1	134.7	10	0.1347
28	जुर्डा	बड़े झाड़ का जंगल	336/1	61.7	10	0.0617
29	जुर्डा	छोटे झाड़ का जंगल	537/3	18.4	10	0.0184
30	जुर्डा	छोटे झाड़ का जंगल	560	33.9	10	0.0339
31	जुर्डा	राजस्व वनभूमि बड़े झाड़ का जंगल	561/1	6.4	10	0.0064
32	जुर्डा	बड़े झाड़ का जंगल	561/2	40.5	10	0.0405
33	कोटरापाली	छोटे झाड़ का जंगल	132	39.9	10	0.0399
34	कोटरापाली	छोटे झाड़ का जंगल	130/1	115.3	10	0.1153
35	लोईग	छोटे/बड़े झाड़ का जंगल एवं घास	302	38.3	10	0.0383
36	लोईग	छोटे/बड़े झाड़ का जंगल एवं घास	562	91.2	10	0.0912
37	मौहापाली	बड़े झाड़ का जंगल	554/1	41.5	10	0.0415
38	बनोरा	छोटे झाड़ का जंगल	21/3	128.9	10	0.1289
39	बनोरा	छोटे झाड़ का जंगल	21/1	50.3	10	0.0503
40	बनोरा	छोटे झाड़ का जंगल	817/1A	25.8	10	0.0258

			(817/1/क)			
41	दर्मागुड़ा	छोटे झाड़ का जंगल	43	10.7	10	0.0107
42	दर्मागुड़ा	छोटे झाड़ का जंगल	46	7.6	10	0.0076
43	दर्मागुड़ा	छोटे/बड़े झाड़ का जंगल एवं घास	15/1	72.2	10	0.0722
44	दर्मागुड़ा	छोटे/बड़े झाड़ का जंगल एवं घंसारिया 2 सड़क	17/1	43.7	10	0.0437
45	दर्मागुड़ा	छोटे झाड़ का जंगल	1/1	0.6	10	0.0006
46	गुड़गहन	छोटे झाड़ का जंगल	172	16.7	10	0.0167
47	गुड़गहन	छोटे झाड़ का जंगल	90/1	137.7	10	0.1377
48	गुड़गहन	छोटे झाड़ का जंगल	54	3.3	10	0.0033
49	गुड़गहन	छोटे झाड़ का जंगल	62	18.1	10	0.0181
50	गुड़गहन	छोटे झाड़ का जंगल	56	54.4	10	0.0544
51	नवापली	छोटे झाड़ का जंगल	26	132.4	10	0.1324
52	नवापली	छोटे झाड़ का जंगल	32/1, 32/4,	218.4	10	0.2184
राजस्व वनभूमि का योग -				2627.1	10	2.6271
कुल योग -				3575.8	10	3.5758

(ii) 1:50,000 स्केल मैप पर वन भूमि और उसके आसपास के वनों की सीमाओं को दर्शाने वाला मैप :- संलग्न है।

(iii) परियोजना की लागत :- परियोजना की लागत कुल 144689 लाख (1446.89 करोड़ रुपये) है।

(iv) वन क्षेत्र में परियोजना स्थापित करने का औचित्य :-

18" इंच व्यास की प्राकृतिक गैस पाईप लाईन एवं ओ.एफ.सी. लाईन बिछाने के गैरवानिकी कार्य के लिये वन संरक्षण अधिनियम 1980 के अंतर्गत उपयोग पर दिये जाने से छत्तीसगढ़ राज्य को प्राकृतिक गैस की आपूर्ति होगी।

(v) लागत लाभ विश्लेषण (संलग्न किए जाने के लिए) :- आवश्यकता नहीं है।

(vi) रोजगार जिनके पैदा होने की संभावना है :- हों।

(2) कुल अपेक्षित भूमि का उद्देश्यवार विवरण :-

गेल (इंडिया) लिमिटेड द्वारा (एमएनजेपीएल) परियोजना के अंतर्गत नागपुर से झारसुगुड़ा तक प्राकृतिक गैस पाइपलाइन बिछाने के निर्माण कार्य में रायगढ़ जिले के रायगढ़ वनमंडल के अंतर्गत 0.1517 हे० संरक्षित वन भूमि, 0.7970 हे० आरक्षित वन भूमि एवं 2.6271 हे० राजस्व वनभूमि (छोटे/बड़े झाड़ का जंगल) कुल 3.5758 हे० वन भूमि की आवश्यकता है जो की न्यूनतम एवं अपरिहार्य है।

3. परियोजना के कारण लागों को हटाने का विवरण, यदि कोई है :- नहीं है।
- (i) परिवारों की संख्या :- निरंक।
- (ii) अनुसूचित जाति/जनजाति के परिवारों की संख्या :- निरंक।
- (iii) पुनर्वास योजना (संलग्न किए जाने के लिए) :- निरंक।
4. क्या पर्यावरण (संरक्षण) अधिनियम, 1986 के अंतर्गत मंजूरी आवश्यक है ? (हां/नहीं) :- नहीं।
5. प्रतिपूरक वनीकरण करने तथा उसके अनुरक्षण और/या दण्डस्वरूप प्रतिपूरक वनीकरण की लागत के साथ-साथ राज्य सरकार द्वारा तैयार की गई योजना के अनुसार संरक्षण लागत और सुरक्षा क्षेत्र आदि में पुनः वनीकरण की वचनबद्धता (वचनबद्धता संलग्न की जाए) :- संलग्न है।
6. निर्देशों के अनुसार संलग्न अपेक्षित प्रमाणपत्रों/दस्तावेजों का ब्यौरा :-
- (i) नवीन चेकलिस्ट के अनुसार अपेक्षित प्रमाण पत्र/दस्तावेज संलग्न है।
- (ii) कड़िका 5 का वचन पत्र।
- (iii) डिमाण्ड ड्राफ्ट राशि रु0 6000/- पंजीयन शुल्क
- (iv) डिमाण्ड ड्राफ्ट राशि रु0 29000/- प्रसंस्करण शुल्क

दिनांक :-

स्थान :-


 एम.वी. अरविन्द
 (एम.वी. अरविन्द)
 M.V. ARVIND
 उप महाप्रबंधक (परियोजना)
 उप महाप्रबंधक (निर्माण)
 गैल (इंडिया) लिमिटेड
 गैल (इंडिया) लिमिटेड, रायपुर (छ.ग.)
 Deputy General Manager (Construction)
 GAIL (India) Ltd. Raipur

**Undertaking for payment of Cost Compensatory
Afforestation**

We "GAIL (India) Limited" hereby, undertake to pay entire amount of compensatory afforestation in lieu of forest are diverted for laying of LPG pipeline along with OFC (under MNJPL project from Nagpur to Jharsuguda) as per prevailing wage rate at the time of plantation for Diversion of 0.1517 ha. Protected Forest, 0.7970 ha. Reserved forest and 2.6271 ha. of Revenue Forest (Total 3.5758 ha.) of forest land coming under Raigarh Forest Division of Raigarh District of Chhattisgarh State.


एम.वी.अरविन्द
M. M. ARVIND
उप महाप्रबंधक (निर्माण)
Deputy General Manager (Project)
GAIL (India) Limited
गेल (इंडिया) लिमिटेड, रायपुर (छ.ग.)
GAIL (India) Ltd. Raipur

FORM - A

Form for seeking prior approval of Central Government under section 2 of the Forest(Conservation) Act,1980 for
Diversion of fresh forest area

PART - I

(To be filled up by User Agency)

A. General Details**A-1. Project Details**

(i). **Proposal No. :** FP/CG/Others/154619/2022

(ii). **Name of Project for which Forest Land is required :** Diversion of 15.6909 Ha. Forest Land (Reserved Forest, Protected Forest, Orange Forest And Revenue Forest) in Chhattisgarh State For non Forestry Purpose For Laying of Natural Gas Pipeline from Nagpur to Jharsuguda Under Mumbai- Nagpur- Jharsuguda Pipeline Project (MNJPL Project).

(iii). **Short narrative of the proposal and Project/scheme for which the forest land is required :** The appropriate length of Nagpur - Jharsuguda pipeline is 400 Kms is passing through Rajandgaon, Durg, Bemetara, Raipur, Balaudabazar -Bhatapara, Bilaspur, Janjgir - Champa, Korba & Raigarh Districts in the State of Chhattisgarh.

(iv). **State :** Chhattisgarh

(v). **Category of the Proposal :** Others

(vi). **Shape of forest land proposed to be diverted :** Linear

(vii). **Estimated cost of the Project(Rupees in lacs) :** 144689

(viii). **Area of forest land proposed for diversion(in ha.):** 15.6909

(ix). **Non-forest land required for this project(in ha.):** 616.7159

(x). **Total period for which the forest land is proposed to be diverted(in years):** 100

A-2. Details of User Agency

(i). **Name :** GAIL INDIA LIMITED

(ii). **Address1 :** GAIL (India) Limited, Registered office: GAIL Bhawan, 16 Bhikaiji Cama Place, R. K. Puram, New Delhi, India - 110066

(iii). **Address2 :** NIL

(iv). **State :** Delhi

(v). **District :** South West

(vi). Pin : 110066

(vii). Landmark : NIL

(viii). Email address : niraj.kumar@gail.co.in

(ix). Landline Telephone No. : 0--

(x). Fax No. : 0-

(xi). Mobile No. : 6207334009

(xii). Website (if any) : NIL

(xiii). Legal status of User Agency : Central PSU

A-3. Details of Person Making Application

(i). First Name: M V

(ii). Middle Name: NIL

(iii). Last Name: Arvind

(iv). Gender: Male

(v). Designation: Dy. General Manager (Construction)

(vi). Address 1: GAIL JUBILEE TOWER

(vii). Address 2: NIL

(viii). State: Uttar Pradesh

(ix). District: Gautam Buddha Nagar

(x). Tehsil: NIL

(xi). Pin: 201301

(xii). Landmark: NIL

(xiii). Email Address: r.narnaware@gail.co.in

(xiv). Landline Telephone No.: 0-

(xv). Fax No.: NIL

(xvi). Mobile No.: 9971130596

(xvii). Copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency: 

B. Details of land required for the Project

B-1. Details of proposal seeking prior approval of Central Government under the Act for diversion of forest land for the Project already submitted in the past

List of proposal submitted in Past							
S.no	Proposal Status.	Proposal No.	Moef File No.	Area Proposed for Diversion(Ha.)	Area Diverted(Ha.)	Date of In-Principle Approval	Date of Final Approval
NIL							

B-2. Details of forest land proposed to be diverted

B-2.1 Details of Divisions involved

Details of Divisions involved			
S.no	Division Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Khairagarh	5.2033	161.3748
2.	Baloda Bazar	0	101.6268
3.	Bilaspur	0.0191	77.2259
4.	Korba	2.0873	21.2696
5.	Janjgir Champa	4.8054	130.5426
6.	Raigarh	3.5758	124.6762
Total		15.6909	616.7159

B-2.2 Details of Districts involved

District wise breakup			
S.no	District Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Rajnandgaon	5.2033	161.3748
1.	Balodabazar	0	101.6268
3.	Bilaspur	0.0191	77.2259
4.	Korba	2.0873	21.2696
5.	Janjgir - Champa	4.8054	130.5426
6.	Raigarh	3.5758	124.6762
Total		15.6909	616.7159

B-2.3 Village wise breakup

Villages wise breakup			
S.no	Village	Forest Land(ha.)	Non-Forest

			Land(ha.)
1	KOTGARH, TEH. AKALTARA, DIST.JANJGIR-CHAMPA	0	6.8056
2	BAMHANI, TEH. AKALTARA, DIST.JANJGIR-CHAMPA	1.335	4.3986
3	KARHIDIH, TEH. AKALTARA, DIST.JANJGIR-CHAMPA	0.1464	0
4	BHAINSTARA DAMANI, TEH. AKALTARA, DIST.JANJGIR-CHA	0.8121	0
5	HARDI, TEH. AKALTARA, DIST.JANJGIR-CHAMPA	1.216	4.8505
6	JAWALPUR, TEH. BALODA, DIST.JANJGIR-CHAMPA	0	6.3551
7	DAHAKONI, TEH. BALODA, DIST.JANJGIR-CHAMPA	0	2.5539
8	RASOTA, TEH. BALODA, DIST.JANJGIR- CHAMPA	0	4.7822
9	POCHH, TEH. BALODA, DIST.JANJGIR- CHAMPA	0	0.6819
10	NAVAGAON_99, TEH. BALODA, DIST.JANJGIR-CHAMPA	0	2.5372
11	KOLIHA DEVRI, TEH. BALODA, DIST.JANJGIR-CHAMPA	0	3.1532
12	BOKREL, TEH. BALODA, DIST.JANJGIR- CHAMPA	0	0.835
13	KHAJJA, TEH. BALODA, DIST.JANJGIR- CHAMPA	0	3.472
14	BOKRAMUDA, TEH. BALODA, DIST.JANJGIR-CHAMPA	0	0.6204
15	PAHARIYA, TEH. BALODA, DIST.JANJGIR-CHAMPA	0	0.7279
16	PURAENA, TEH. BALODA, DIST.JANJGIR-CHAMPA	0.3153	3.2295
17	SATTIGUDHI, TEH. BALODA, DIST.JANJGIR-CHAMPA	0.1976	0.9241
18	DEVRI, TEH. BALODA, DIST.JANJGIR- CHAMPA	0	1.5198
19	BALPUR, TEH. CHAMPA, DIST.JANJGIR- CHAMPA	0	1.1914
20	HARRA BHATHA, TEH. SARAGAON, DIST.JANJGIR-CHAMPA	0	1.4488
21	DARANG MAHAL 1, TEH. SARAGAON, DIST.JANJGIR-CHAMPA	0	3.0509
22	PETPHODWA, TEH. SARAGAON, DIST.JANJGIR-CHAMPA	0	0.7302
23	KADARI, TEH. SARAGAON, DIST.JANJGIR-CHAMPA	0	2.4389
24	HANUMANTA, TEH. SARAGAON, DIST.JANJGIR-CHAMPA	0.303	2.9093
25	LACHHANPUR, TEH. SARAGAON, DIST.JANJGIR-CHAMPA	0	0.0262
26	GATAWA, TEH. NAYA BARADWAR, DIST.JANJGIR-CHAMPA	0	1.5084
27	KHAMHIYA, TEH. NAYA BARADWAR, DIST.JANJGIR-CHAMPA	0	2.6148
28	SARHAR, TEH. NAYA BARADWAR, DIST.JANJGIR-CHAMPA	0	0.9795
29	DURPA, TEH. NAYA BARADWAR, DIST.JANJGIR-CHAMPA	0	3.9497
30	LAHANGA, TEH. NAYA BARADWAR, DIST.JANJGIR-CHAMPA	0	3.2959

31	RERA, TEH. NAYA BARADWAR, DIST.JANJGIR-CHAMPA	0	2.1588
32	KIRARI, TEH. NAYA BARADWAR, DIST.JANJGIR-CHAMPA	0	5.1695
33	KHUNTADAHARA, TEH. NAYA BARADWAR, DIST.JANJGIR-CHA	0	2.0956
34	PASID, TEH. NAYA BARADWAR, DIST.JANJGIR-CHAMPA	0	1.1749
35	SARAI PALI, TEH. NAYA BARADWAR, DIST.JANJGIR-CHAMPA	0	1.0932
36	NANDAU KALA, TEH. SAKTI, DIST.JANJGIR-CHAMPA	0	2.2895
37	NANDAU KHURD, TEH. SAKTI, DIST.JANJGIR-CHAMPA	0	2.9928
38	NAWAPARA KHURD, TEH. SAKTI, DIST.JANJGIR-CHAMPA	0.2108	2.9218
39	DODAKI, TEH. SAKTI, DIST.JANJGIR- CHAMPA	0	2.3616
40	HARETHI, TEH. SAKTI, DIST.JANJGIR- CHAMPA	0	0.0171
41	BAGBUDWA, TEH. SAKTI, DIST.JANJGIR-CHAMPA	0	1.4853
42	KANCHANPUR, TEH. SAKTI, DIST.JANJGIR-CHAMPA	0	0.1035
43	BORDA, TEH. SAKTI, DIST.JANJGIR- CHAMPA	0	5.2317
44	NANDELI, TEH. SAKTI, DIST.JANJGIR- CHAMPA	0	1.6454
45	KANDANARA, TEH. SAKTI, DIST.JANJGIR-CHAMPA	0	2.6763
46	GADGODI, TEH. SAKTI, DIST.JANJGIR- CHAMPA	0	3.3409
47	MARKAMGODHI, TEH. SAKTI, DIST.JANJGIR-CHAMPA	0	0.4292
48	AMALDIHA, TEH. SAKTI, DIST.JANJGIR-CHAMPA	0.2692	2.3224
49	CHICHOLI, TEH. KARTALA, DIST.KORBA	2.0873	4.7214
50	DEOLAPAT, TEH. KARTALA, DIST.KORBA	0	1.1295
51	JAMNPALI, TEH. KARTALA, DIST.KORBA	0	1.4991
52	RIWANPAR, TEH. KARTALA, DIST.KORBA	0	5.9938
53	DARRABHATHA, TEH. KARTALA, DIST.KORBA	0	1.3899
54	UMRELI, TEH. KARTALA, DIST.KORBA	0	5.5785
55	NAWAPARA, TEH. KARTALA, DIST.KORBA	0	0.9574
56	LODHIA, TEH. KHARSIYA, DIST.RAIGARH	0.164	2.3282
57	SARWANI, TEH. KHARSIYA, DIST.RAIGARH	0.093	4.5063
58	SOOTI, TEH. KHARSIYA, DIST.RAIGARH	0	2.7552
59	BHADRI PALI, TEH. KHARSIYA, DIST.RAIGARH	0.1283	1.8044
60	SITAGOTA, TEH. DONGARGARH, DIST.RAJNANDGAON	0	4.5609
61	MAKRANPUR, TEH. DONGARGARH, DIST.RAJNANDGAON	0	4.967

62	KOTHITOLA, TEH. DONGARGARH, DIST.RAJNANDGAON	0.1489	4.1439
63	TATEKASA, TEH. DONGARGARH, DIST.RAJNANDGAON	0.5884	3.7486
64	KHAIRBANA, TEH. DONGARGARH, DIST.RAJNANDGAON	0.2823	2.379
65	GHORTALAV, TEH. DONGARGARH, DIST.RAJNANDGAON	1.5534	3.5592
66	CHARBHATHA, TEH. DONGARGARH, DIST.RAJNANDGAON	0	5.5378
67	FATEHGANJ, TEH. DONGARGARH, DIST.RAJNANDGAON	1.1925	1.6883
68	BANJARI, TEH. DONGARGARH, DIST.RAJNANDGAON	1.0687	2.5875
69	RANITALAB, TEH. DONGARGARH, DIST.RAJNANDGAON	0.1878	3.1988
70	RAMPUR URF KHATUTOLA, TEH. DONGARGARH, DIST.RAJNA	0.0999	5.6928
71	NARAYANGARH, TEH. DONGARGARH, DIST.RAJNANDGAON	0	2.4183
72	LALBAHADUR NAGAR, TEH. DONGARGARH, DIST.RAJNANDGAO	0	5.2543
73	GOVINDPUR, TEH. DONGARGARH, DIST.RAJNANDGAON	0	3.3245
74	MOTIPUR, TEH. DONGARGARH, DIST.RAJNANDGAON	0	5.4431
75	DHANDONGRI, TEH. DONGARGARH, DIST.RAJNANDGAON	0	4.0186
76	BHOTHLI, TEH. DONGARGARH, DIST.RAJNANDGAON	0	2.9672
77	BHANDARPUR, TEH. DONGARGARH, DIST.RAJNANDGAON	0	4.627
78	KURRUBHATH, TEH. DONGARGARH, DIST.RAJNANDGAON	0	2.6219
79	RANKA, TEH. DONGARGARH, DIST.RAJNANDGAON	0	3.1169
80	HARANSINGHI, TEH. DONGARGARH, DIST.RAJNANDGAON	0	4.3168
81	JATKANHAR, TEH. DONGARGARH, DIST.RAJNANDGAON	0	3.3347
82	DHUSERA, TEH. DONGARGARH, DIST.RAJNANDGAON	0	1.5106
83	BELGAON, TEH. DONGARGARH, DIST.RAJNANDGAON	0	3.704
84	MADITARAI, TEH. DONGARGARH, DIST.RAJNANDGAON	0	2.614
85	CHHOTE KUSMI, TEH. DONGARGARH, DIST.RAJNANDGAON	0	0.6044
86	DARAGAON, TEH. DONGARGARH, DIST.RAJNANDGAON	0	1.8877
87	PALANDUR, TEH. DONGARGARH, DIST.RAJNANDGAON	0.0814	6.5036
88	SAHASPUR, TEH. DONGARGARH, DIST.RAJNANDGAON	0	3.5465
89	JARWAHI, TEH. DONGARGARH, DIST.RAJNANDGAON	0	3.6252
90	KESLI, TEH. DONGARGARH, DIST.RAJNANDGAON	0	2.5059
91	CHAITUKHAPRI, TEH. DONGARGARH, DIST.RAJNANDGAON	0	3.0598

92	SIRSAHI, TEH. KHAIRAGARH, DIST.RAJNANDGAON	0	6.0583
93	GATAPAR KALAN, TEH. KHAIRAGARH, DIST.RAJNANDGAON	0	3.9914
94	BICHARPUR, TEH. KHAIRAGARH, DIST.RAJNANDGAON	0	3.3475
95	TILAIBHAT, TEH. KHAIRAGARH, DIST.RAJNANDGAON	0	0.5669
96	PACHPERI, TEH. KHAIRAGARH, DIST.RAJNANDGAON	0	3.7894
97	MARKAMTOLA, TEH. KHAIRAGARH, DIST.RAJNANDGAON	0	4.6215
98	MAHARUM KALAN, TEH. KHAIRAGARH, DIST.RAJNANDGAON	0	5.2744
99	BHARDAKHURD, TEH. RAJNANDGAON, DIST.RAJNANDGAON	0	1.1122
100	HARDUWA, TEH. RAJNANDGAON, DIST.RAJNANDGAON	0	5.6599
101	GIDHWA, TEH. RAJNANDGAON, DIST.RAJNANDGAON	0	6.1024
102	SALAUNI, TEH. RAJNANDGAON, DIST.RAJNANDGAON	0	4.4521
103	TEMRI, TEH. RAJNANDGAON, DIST.RAJNANDGAON	0	3.33
104	BINAUKA, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	4.1619
105	LANJA, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	1.1163
106	PAUSARI, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	2.557
107	KAMTA, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	6.2981
108	MUSAWADIH, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	1.3835
109	JHIRIYA, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	1.6235
110	NAWAGAON, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	4.2896
111	DOGARIA, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	6.2069
112	LAWAR, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	4.5791
113	KHARGADIH, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	2.3612
114	MOHBHATTHA, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	3.9622
115	DABADIH, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	0.8264
116	BUCHIPAR, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	5.9326
117	REGABOD, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	1.9509
118	MACHABHAT, TEH. SIMGA, DIST.BALAUDABAZAR-BHATAPARA	0	3.427
119	TARENGA, TEH. BHATAPARA, DIST.BALAUDABAZAR-BHATAPARA	0	7.9348
120	SUMA, TEH. BHATAPARA, DIST.BALAUDABAZAR-BHATAPARA	0	3.7423
121	DEORI, TEH. BHATAPARA, DIST.BALAUDABAZAR-BHATAPARA	0	4.7248

122	DATRENGI, TEH. BHATAPARA, DIST.BALAUDABAZAR-BHATAP	0	5.663
123	AMLIDIH, TEH. BHATAPARA, DIST.BALAUDABAZAR-BHATAPA	0	0.8434
124	MADHUBAN, TEH. BHATAPARA, DIST.BALAUDABAZAR-BHATAP	0	2.1898
125	KADAR, TEH. BHATAPARA, DIST.BALAUDABAZAR-BHATAPARA	0	3.5172
126	LEWAI, TEH. BHATAPARA, DIST.BALAUDABAZAR-BHATAPARA	0	4.7316
127	SINGARPUR, TEH. BHATAPARA, DIST.BALAUDABAZAR-BHATA	0	4.0439
128	SEMHRADIH, TEH. BHATAPARA, DIST.BALAUDABAZAR-BHAT	0	2.0266
129	BAGBUDHWA, TEH. BHATAPARA, DIST.BALAUDABAZAR-BHATA	0	4.0646
130	KODWA, TEH. BHATAPARA, DIST.BALAUDABAZAR-BHATAPARA	0	7.4686
131	UDANTAL, TEH. BILHA, DIST.BILASPUR	0	2.8736
132	DAGAURI, TEH. BILHA, DIST.BILASPUR	0	3.5957
133	KARHI, TEH. BILHA, DIST.BILASPUR	0	1.5381
134	SONPURI, TEH. BILHA, DIST.BILASPUR	0	0.5925
135	MURKUTA, TEH. BILHA, DIST.BILASPUR	0	1.3795
136	NAWAGAON, TEH. BILHA, DIST.BILASPUR	0	2.4748
137	HATHNI, TEH. BILHA, DIST.BILASPUR	0	1.9749
138	PODI, TEH. BILHA, DIST.BILASPUR	0	2.8768
139	SEWATI MAN 1, TEH. BILHA, DIST.BILASPUR	0	2.0585
140	SEWATI MAN 2, TEH. BILHA, DIST.BILASPUR	0	0.9044
141	JHAL, TEH. BILHA, DIST.BILASPUR	0	0.7977
142	BUNDELA MAHAL-1, TEH. BILHA, DIST.BILASPUR	0	6.4129
143	SARDHA, TEH. BILHA, DIST.BILASPUR	0	6.4965
144	PHADHA, TEH. BILHA, DIST.BILASPUR	0	3.9981
145	BOHARDIH_21, TEH. BILHA, DIST.BILASPUR	0	0.2372
146	MAGARUCHHLA_1, TEH. BILHA, DIST.BILASPUR	0	1.8447
147	MAGARUCHHLA_2, TEH. BILHA, DIST.BILASPUR	0	1.3622
148	MAGARUCHHLA_3, TEH. BILHA, DIST.BILASPUR	0	0.0346
149	PONRI, TEH. BILHA, DIST.BILASPUR	0	3.2462
150	KONI, TEH. MASTURI, DIST.BILASPUR	0	3.4457
151	ANKDIH, TEH. MASTURI, DIST.BILASPUR	0	2.211
152	MASTURI, TEH. MASTURI, DIST.BILASPUR	0	0.9053
153	KIRARI, TEH. MASTURI, DIST.BILASPUR	0	6.449
154	BHADORA, TEH. MASTURI, DIST.BILASPUR	0	4.0493
155	JAIRAMNAGAR, TEH. MASTURI, DIST.BILASPUR	0	2.5102

156	PARSADA, TEH. MASTURI, DIST.BILASPUR	0.0191	1.5345
157	BHELAI, TEH. MASTURI, DIST.BILASPUR	0	2.0537
158	RALIYA, TEH. MASTURI, DIST.BILASPUR	0	3.5654
159	KACHHAR, TEH. MASTURI, DIST.BILASPUR	0	3.5289
160	ERAMSAHI, TEH. MASTURI, DIST.BILASPUR	0	2.274
161	PIPARSATTI, TEH. AKALTARA, DIST.JANJGIR-CHAMPA	0	4.4
162	AKALTARI, TEH. AKALTARA, DIST.JANJGIR-CHAMPA	0	3.9279
163	PONDIDALHA, TEH. AKALTARA, DIST.JANJGIR-CHAMPA	0	6.8314
164	KATGHARI, TEH. AKALTARA, DIST.JANJGIR-CHAMPA	0	4.2829
165	PARSAPALI, TEH. KHARSIYA, DIST.RAIGARH	0	2.0351
166	BOTALDA, TEH. KHARSIYA, DIST.RAIGARH	0	1.4447
167	THUSEKELA, TEH. KHARSIYA, DIST.RAIGARH	0.078	4.2246
168	BANSMUNDA, TEH. KHARSIYA, DIST.RAIGARH	0	2.3105
169	CHAUDHA, TEH. KHARSIYA, DIST.RAIGARH	0.006	0.3256
170	MADANPUR, TEH. KHARSIYA, DIST.RAIGARH	0	1.7029
171	BHELWADIH, TEH. KHARSIYA, DIST.RAIGARH	0.1214	1.4312
172	BANIPATHAR, TEH. KHARSIYA, DIST.RAIGARH	0.0878	2.3811
173	RANISAGAR, TEH. KHARSIYA, DIST.RAIGARH	0.0275	0.5294
174	RAJGHATA, TEH. KHARSIYA, DIST.RAIGARH	0	2.5676
175	KUNKUNI, TEH. KHARSIYA, DIST.RAIGARH	0.0251	6.0365
176	BENDOJHARIYA, TEH. KHARSIYA, DIST.RAIGARH	0	2.6337
177	TEMTEMA, TEH. KHARSIYA, DIST.RAIGARH	0.276	3.0819
178	KANMURA, TEH. KHARSIYA, DIST.RAIGARH	0.0428	1.6725
179	RAKSAPALI, TEH. KHARSIYA, DIST.RAIGARH	0	2.4674
180	MURA, TEH. KHARSIYA, DIST.RAIGARH	0.0816	3.3922
181	NAWAPARA, TEH. KHARSIYA, DIST.RAIGARH	0.0045	2.2792
182	KIRITMAL, TEH. KHARSIYA, DIST.RAIGARH	0.0125	4.0568
183	DONGITARA, TEH. RAIGARH, DIST.RAIGARH	0	2.1155
184	KODTARAN, TEH. RAIGARH, DIST.RAIGARH	0	0.7174
185	PANDARIPANI, TEH. RAIGARH, DIST.RAIGARH	0.0431	4.279
186	KASHICHUA, TEH. RAIGARH, DIST.RAIGARH	0	2.1916

187	UCHCHBHITHI, TEH. RAIGARH, DIST.RAIGARH	0	3.4508
188	GEJAMUDA, TEH. RAIGARH, DIST.RAIGARH	0.0425	2.9187
189	DHANAGAR, TEH. RAIGARH, DIST.RAIGARH	0	8.2204
190	KENAPALI, TEH. RAIGARH, DIST.RAIGARH	0	1.4106
191	BANSIYA, TEH. RAIGARH, DIST.RAIGARH	0	1.0326
192	NANSIYA, TEH. RAIGARH, DIST.RAIGARH	0	0.2993
193	CHHUHIPALI, TEH. RAIGARH, DIST.RAIGARH	0	3.3367
194	PATELPALI, TEH. RAIGARH, DIST.RAIGARH	0.0021	2.8911
195	JURDA, TEH. RAIGARH, DIST.RAIGARH	0.2956	4.4418
196	KOTARIPALI, TEH. RAIGARH, DIST.RAIGARH	0.1552	0.6495
197	LOING, TEH. RAIGARH, DIST.RAIGARH	0.1295	5.8516
198	MAUHAPALI, TEH. RAIGARH, DIST.RAIGARH	0.0415	0.2504
199	BANORA, TEH. RAIGARH, DIST.RAIGARH	0.205	6.6573
200	DUMARPALI, TEH. RAIGARH, DIST.RAIGARH	0	0.6124
201	BELARIA, TEH. RAIGARH, DIST.RAIGARH	0	2.9647
202	SAHDEOPALI, TEH. PUSSOR, DIST.RAIGARH	0	1.6112
203	CHHATAMURA, TEH. PUSSOR, DIST.RAIGARH	0	2.6927
204	GARH UMARIA, TEH. PUSSOR, DIST.RAIGARH	0	4.2794
205	DARAMURA, TEH. PUSSOR, DIST.RAIGARH	0.1348	2.1319
206	GUDGAHAN, TEH. PUSSOR, DIST.RAIGARH	0.2302	3.2055
207	NAWAPALI, TEH. PUSSOR, DIST.RAIGARH	0.3508	0.4971
208	KALAPAHAD MAUNTAIN RANGE(GAJMAR RF), TEH. PUSSOR,	0.797	0
Total		15.6909	616.7159

B-2.4 Component wise breakup

Component wise breakup			
S.no	Component	Forest Land(ha.)	Non-Forest Land(ha.)
1	Natural Gas Pipeline	15.6909	616.7159
Total		15.6909	616.7159

C. Maps of forest land proposed to be diverted

Division 1. : Bilaspur	
(i). Area of forest land proposed to be diverted(in ha.) : 0.0191	

(ii). Nature of the Project: Linear

(b). No. of Segments : One

Segment wise details		
Segments	Segment Area(in ha.)	Kml File of Segments (To view KML file on google the same may be downloaded and then open if in google earth install in your computer).
1.	0.0191	 View File

(iii). Copy of Survey of India Toposheet indicating boundary of forest land proposed to be diverted: (iv). Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station: 

Division 2. : Korba

(i). Area of forest land proposed to be diverted(in ha.) : 2.0873

(ii). Nature of the Project: Linear

(b). No. of Segments : One

Segment wise details		
Segments	Segment Area(in ha.)	Kml File of Segments (To view KML file on google the same may be downloaded and then open if in google earth install in your computer).
1.	2.0873	 View File

(iii). Copy of Survey of India Toposheet indicating boundary of forest land proposed to be diverted: (iv). Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station: 

Division 3. : Khairagarh

(i). Area of forest land proposed to be diverted(in ha.) : 5.2033

(ii). Nature of the Project: Linear

(b). No. of Segments : One

Segment wise details		
Segments	Segment Area(in ha.)	Kml File of Segments (To view KML file on google the same may be downloaded and then open if

		in google earth install in your computer).
1.	5.2033	 View File

(iii). Copy of Survey of India Toposheet indicating boundary of forest land proposed to be diverted: 

(iv). Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station: 

Division 4. : Raigarh

(i). Area of forest land proposed to be diverted(in ha.) : 3.5758

(ii). Nature of the Project: Linear

(b). No. of Segments : One

Segment wise details		
Segments	Segment Area(in ha.)	Kml File of Segments (To view KML file on google the same may be downloaded and then open if in google earth install in your computer).
1.	3.5758	 View File

(iii). Copy of Survey of India Toposheet indicating boundary of forest land proposed to be diverted: 

(iv). Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station: 

Division 5. : Janjgir Champa

(i). Area of forest land proposed to be diverted(in ha.) : 4.8054

(ii). Nature of the Project: Linear

(b). No. of Segments : One

Segment wise details		
Segments	Segment Area(in ha.)	Kml File of Segments (To view KML file on google the same may be downloaded and then open if in google earth install in your computer).
1.	4.8054	 View File

(iii). Copy of Survey of India Toposheet indicating boundary of forest land proposed to be diverted: 

(iv). Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station: 

D. Justification for locating the Project in forest land and details of alternatives examined:

(i). Copy of note containing justification for locating the Project in forest land: 

(ii). Whether a copy of map indicating location of alternative examine is required to be provided:
Yes

(a). Copy of map indicating location of alternative examined: 

E. Employment likely to be generated

(i). Whether the Project is likely to generate employment?: Yes

(ii). Permanent/Regular Employment(Number of persons): 20

(iii). Temporary Employment(Number of person-days): 300

F. Displacement of People due to the Project, if any

(i). Whether Project involves displacement?: No

G. Details of Cost-Benefit analysis for the Project

(i). Whether the Project requires Cost-Benefit analysis?: No

H. Status of Environmental Clearance

(i). Whether the Project requires Clearance under the Environment (Protection) Act 1986?: No

I. Status of Wildlife Clearance

(i). Whether the Project or a part thereof is located in any Protected Area or their Eco sensitive zone?: No

J. Applicability of special provisions governing Scheduled Areas

(i). Whether the Project or a part thereof is located in a Scheduled Area?: No

K. Status of settlement of rights under the Forest Rights Act, 2006 on the forest land proposed to be diverted

(i). Whether the process for settlement of Rights under the Forest Rights Acts 2006 on the forest land proposed to be diverted has been completed?: No

L. Details of land identified for Compensatory Afforestation

(i). Whether non-forest or Revenue forest land is required to be provided by User Agency?: Not Applicable

(ii). Whether the area of non-forest land or Revenue forest land required to be provided by User Agency for raising Compensatory Afforestation is less than area of forest land proposed to be diverted?: Not Applicable

(iii) . Reason for not providing Non-Forest Land: Not Applicable

Additional information Details

Documents		
S.No	Documents	Remarks
1		Justification note
2		Pipeline approval letter from Govt Of India PNGRB authorization
3		DGPS report verified by DFO Khairagarh
4		DGPS report verified by DFO Bilaspur
5		DGPS report verified by DFO Korba
6		DGPS report verified by DFO Jangir Champa
7		DGPS report verified by DFO Raigarh
8		DD Details
9		Forest CG compliance Letter
10		Letter of compliance for Khairagarh Division
11		Letter of compliance for Janjgir Champa Division
12		Undertaking For CA land
13		Details of Forest Land

[Print](#)

एम.वी.अरविन्द
M.V. ARVIND
उप महाप्रबंधक (निर्माण)
Deputy General Manager (Construction)
गेल (इंडिया) लिमिटेड, रायपुर (छ.ग.)
GAIL (India) Ltd. Raipur



पेट्रोलियम एवं प्राकृतिक गैस विनियामक बोर्ड

Petroleum and Natural Gas Regulatory Board

प्रथम-तल, वर्ल्ड ट्रेड सेंटर, बाबर रोड, नई दिल्ली 110001
1st Floor, World Trade Centre, Babar Road, New Delhi -- 110001

फैक्स नं / Fax No. 91 11 23709151; E-mail contact@pngrb.gov.in

Ref: PNGRB/Auth/2-NGPL(02)/2020

Date: 15.05.2020

To
GAIL (India) Limited
[Kind Attn: Shri Manoj Jain, C&MD]
16, Bhikaji Cama Place,
R.K. Puram, New Delhi - 110 066

Sub: Grant of Authorization for Mumbai - Nagpur - Jharsuguda Natural Gas Pipeline (Bid No: BID/NGPL/14/2019/01/MNJPL).

Sir,

With reference to the bid submitted by GAIL (India) Limited for the proposed Mumbai (Maharashtra) - Nagpur - Jharsuguda (Odisha) Natural Gas Pipeline against the Bid No. BID/NGPL/14/2019/01/MNJPL and the Performance Bond submitted by GAIL vide letter No. GAIL/ND/RA/Bid-MNJPL/2020 dated 14.05.2020, please find enclosed the Grant of Authorization in Schedule-D of the PNGRB (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008 for Mumbai - Nagpur - Jharsuguda Natural Gas Pipeline.

2. It may be noted that the authorization shall be governed by Schedule - D of authorization letter, the provisions of the relevant Regulations, various terms & conditions contained in the 'Application cum Bid document' and the clarifications issued by PNGRB w.r.t. Bid No. BID/NGPL/14/2019/01/MNJPL.

3. Kindly acknowledge this letter and send us the acceptance within 15 days from the date of this letter.

4. This authorization is being issued with the approval of the Board.

Encl: As Above

Yours faithfully,

(Arvind Kumar)
(Arvind Kumar)

Additional Adviser

ARVIND KUMAR
Additional Adviser
PNGRB

(K. Kumar)
KUMAR SHANKER
Joint Secretary (Operations)
PNGRB

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Schedule D

[see regulations 9 (1) and 18 (7)]

**Grant of authorization for laying, building, operating or expanding
Mumbai - Nagpur - Jharsuguda Natural Gas Pipeline**

Ref: PNGRB/Auth/2-NGPL(02)/2020

15th May, 2020

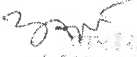
To
GAIL (India) Limited
[Kind Attn: Shri Manoj Jain, C&MD]
16, Bhikaji Cama Place,
R.K. Puram, New Delhi - 110 066

Subject: Grant of authorization for laying, building, operating or expanding natural gas pipeline along the route of Mumbai (Maharashtra) - Nagpur - Jharsuguda (Odisha) under the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008.

Sir,

With reference to your application for grant of authorization for laying, building, operating or expansion of natural gas pipeline along the route of Mumbai (Maharashtra) - Nagpur - Jharsuguda (Odisha), it has been decided to grant authorization to you, subject to the provisions under the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008 on the following terms and conditions, namely:

1. The route for laying, building, operating or expanding the natural gas pipeline shall be as depicted in the enclosed drawing (Annexure-1).
2. The entity shall complete the activities of laying, building or expansion activities of natural gas pipeline and commission the natural gas pipeline project as per the enclosed time schedule and targets (Annexure - 2). The entity


ARVIND KUMAR
Joint Secretary
Additional Adviser


कुमार शंकर / KUMAR SHANKER

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is allowed a maximum period of thirty-six months from the date of issue of the authorization letter for commissioning of the natural gas pipeline project. Any failure on the part of the entity in complying with the targets prescribed in the time schedule shall lead to consequences as specified under regulation 16 of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008.

3. The capacity in the natural gas pipeline shall be equal to **16.5** Million Standard cubic meter per day (MMSCMD).
4. The extra capacity in the natural gas pipeline shall be equal to 4.12 MMSCMD as per the provisions specified in clause (j) of sub-regulation (6) of regulation 5 and shall be available for use on common carrier basis by any third party on open access and non-discriminatory basis.
5. The authorized entity shall be required to take prior approval from the Board for creation of any lien or charge or hypothecation on the assets of the natural gas pipeline to secure finances for the project and furnish details of utilization of funds. However, in case of raising funds from any financial institution or bank, the entity will be required to only inform the Board of the sanction of the funds, within a period of seven days.
6. The entity shall publish the approved tariff for each of the tariff zone of the natural gas pipeline.
7. The entity shall submit a detailed and clear financial closure report to the Board within a period of one hundred and eighty days from the date of authorization issued by the Board under regulation 9 of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008.
8. The furnishing of performance bond of **Rs. 200 million** is a guarantee for timely commissioning of the project as per the prescribed targets submitted in the bid and for meeting the performance undertakings during operating phase of the project.

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S. Kumar
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9. The entity shall abide by the service obligations specified under regulation 14 and quality of service standards under regulation 15 of the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008.
10. In case the authorization of the entity is terminated, the Board may assign the rights and obligations to any agency or another entity on such terms and conditions, as it may deem fit. Further, the entity may be required, as per the directions of the Board, to continue the operations of the natural gas pipeline at the same level till another agency or entity appointed by the Board takes over the full control of the natural gas pipeline.
11. The entity shall comply with the provisions under-
 - (a). the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008;
 - (b). the Petroleum and Natural Gas Regulatory Board (Determination of Natural Gas Pipeline Tariff) Regulations, 2008;
 - (c). the service obligations specified in Schedule J to the Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008;
 - (d). the relevant regulations for-
 - (i) the technical standards and specifications, including safety standards;
 - (ii) the access code;
 - (iii) determination of capacity for natural gas pipeline;
 - (iv) affiliate code of conduct;
 - (v) declaring natural gas pipelines as common carrier or contract carrier;
 - (e). any other regulations as may be applicable and the provisions of the Act.

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ADVIND KUMAR
DIRECTOR
REGULATORY BOARD
OF PETROLEUM & NATURAL GAS

S. Kumar
DIRECTOR
REGULATORY BOARD
OF PETROLEUM & NATURAL GAS

12. The entity shall comply with any other term or condition which may be notified by the Board in public interest, from time to time.

You are requested to confirm your acceptance in the space provided below and return the same in original.

Date: 15.05.2020

Yours faithfully,


15/5/2020

(Arvind Kumar)

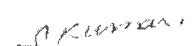
Additional Adviser

ARVIND KUMAR
Additional Adviser
Director General of Hydrocarbons
Ministry of Petroleum & Natural Gas
Government of India
1st Floor, West Block, Central
Secretariat, New Delhi-110003

Acceptance of Grant of Authorization

I / We hereby agree to the grant of authorization issued by the Board vide letter ref. < PNGRB/Auth/2-NGPL(02)/2020 > dated < 15/05/2020 > and agree to comply with all the terms and conditions subject to which I / We have been granted authorization for laying, building, operating or expanding natural gas pipeline along the route of < MUMBAI-NAGPUR-JHARSUGUDA > in the States of < M. MAHARASHTRA-ODISHA >

Date: 29/05/2020
Place: NEW DELHI


Signature of the Entity or Authorized Signatory
Name and Official Seal

Signature of the Entity or Authorized Signatory
Name and Official Seal
1. Name of the Entity or Authorized Signatory
2. Designation of the Entity or Authorized Signatory
3. Name of the Entity or Authorized Signatory
4. Designation of the Entity or Authorized Signatory

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TIME SCHEDULE AND TARGETS FOR
MUMBAI - NAGPUR - JHARSUGUDA NATURAL GAS PIPELINE

CAPACITY BUILD-UP SCHEDULE:

	Year-1 to Year- 25
System Capacity for the pipeline system required to be built up	16.5 MMSCMD*
Extra capacity in the pipeline system required to be built up as per Regulation 5 (6) (j) of the PNGRB (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas Pipelines) Regulations, 2008	At least 4.12 MMSCMD*
Route of the pipeline	Mumbai (Maharashtra) - Nagpur - Raipur (Chhattisgarh) - Bilaspur - Korba - Raigarh - Jharsuguda (Odisha) with Spur line from Nagpur to Jabalpur and NTPC Korba
Main Trunk Line	Total 1405 km. a. 24"x 725 km (Mumbai to Nagpur section) b. 18"x 680 km (Nagpur to Jharsuguda section)
Spur Line	Total 350 km. a. 18"x 160 km/12"x160 km (Spur line tap-off from Nagpur to Jabalpur) b. 12"x 30 km (NTPC spur line tap-off from Korba)
No. of Compressor Station	One (1W+1S)

Natural Gas Pipeline Monitoring Schedule- As submitted in the bid

Note:

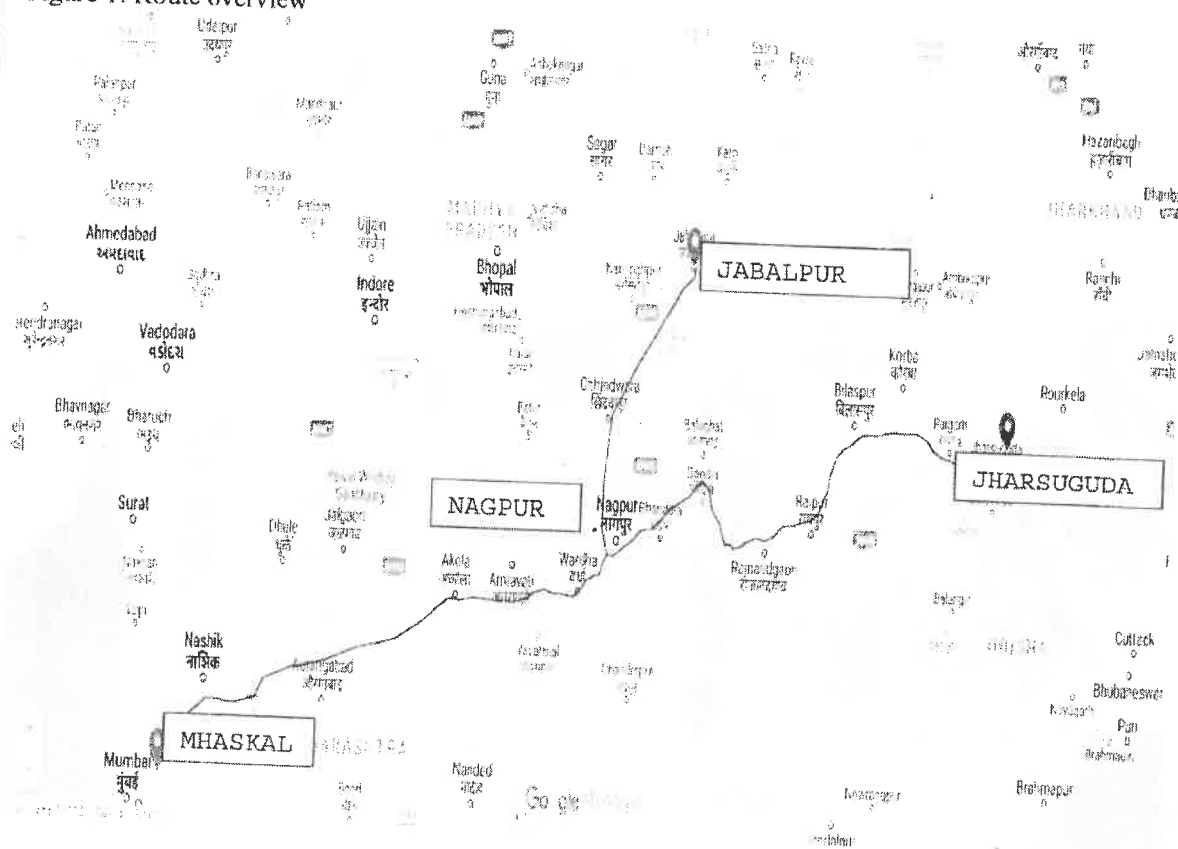
* - As per the provisions of the PNGRB (Determining Capacity of Petroleum, Petroleum Products and Natural Gas Pipeline) Regulations, 2010.

S. Kumar

[Signature]
DIRECTOR, PIPES
AND
PIPELINES
DEPARTMENT
GOVERNMENT OF INDIA

FEASIBILITY REPORT FOR MNJPL PROJECT (Mumbai Nagpur Jharsuguda Natural Gas Pipeline)

Figure 1: Route overview



ANVIND KUMAR
COE RESEARCH
Additional Adviser
please contact the following:
Book and Material Co. Page, at the
1st Floor, World Trade Center,
17. Page

J. K. K. K.

February, 2020

कुमार शंकर / KUMAR SHANKER
 प्र. १. महप्रबंधक (विपणन - आर.ए.) / Chief General Manager (Mktg.)
 गैल (इण्डिया) लिमिटेड / GAIL (India) Ltd.
 सीकरावली ब्रज, गोरखपुर / 16, Bhikaji Cama Place