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AREA MINIMUM CERTIFICATE

Certified that the "proposed diversion of **0.1878 Ha.** of forest land in Shamshabad division for Hassan Cherlapalli LPG Pipeline (HCPL) Project".

Also certified that any other forest land has not taken for this project. We also hereby undertake that no taking of fresh forest land shall be carried out during execution of the Project.

The extent of forest land required is as follows:

Division Name	Block Name	Length in Mts	Width in Mts	Area in Ha
Shamshabad	Amberpet RF	391.54	2	0.0783
	Masjidgedda RF	547.56		0.1095
Total		939.10		0.1878

Date :- 14.02.2020


इम्तियाज़ अरशद/IMTIYAZ ARSHAD
महाप्रबंधक-पाईपलाइन परियोजनाएँ
General Manager-Pipe Line Projects
हासन चेरलापल्ली एल पी जी पाईपलाइन
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हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड
Hindustan Petroleum Corporation Ltd.



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CERTIFICATE

It is certified that, all the possibilities to avoid forest land for the project have been explored and it is found that no alternative suitable non-forest land is technically feasible and viable to that part of the work for which diversion has been proposed for the purpose of "proposed diversion of **0.1878 Ha.** of forest land in Shamshabad division for Hassan Cherlapalli LPG Pipeline (HCPL) Project".

The extent of forest land required is as follows:

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Undertaking
To Pay Net Present Value


We hereby undertake to pay Net Present Value (NPV) as per guidelines under Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 in accordance with the orders of the Hon'ble Supreme Court of India/ State Govt and MoEF in respect of "proposed diversion of **0.1878 Ha.** of forest land in Shamshabad division for Hassan Cherlapalli LPG Pipeline (HCPL) Project".


We also hereby undertake to pay differential NPV amount, if any, due to escalation or revision of NPV, as and when demanded by the Forest Department.

The extent of forest land required is as follows:

Division Name	Block Name	Length in Mts	Width in Mts	Area in Ha
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Undertaking

To pay Addl. Cost of Net Present value (NPV)

We hereby undertake to pay Addl. Cost of Net Present Value (NPV) as per guidelines under Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 in accordance with the orders of the Hon'ble Supreme Court of India/ State Govt. and MoEF in respect of "proposed diversion of **0.1878 Ha.** of forest land in Shamshabad division for Hassan Cherlapalli LPG Pipeline (HCPL) Project".

We also hereby undertake to pay differential additional NPV amount, if any, due to escalation or revision of NPV, as and when demanded by the Forest Department.

The extent of forest land required is as follows:

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Undertaking for unqualified commitment from project authority
to Pay cost of extraction of tree growth

We hereby undertake to pay the cost of exploitation of tree growth of the forest land proposed for diversion under the project as and when demanded by the forest authorities and also undertake to pay the additional amount if any due to escalation or any other charges at a later date as per the demand raised by the forest authorities in respect of "proposed diversion of **0.1878 Ha.** of forest land in Shamshabad division for Hassan Cherlapalli LPG Pipeline (HCPL) Project".

The extent of forest land required is as follows:

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Undertaking


to Pay cost of raising and maintenance of Compensatory Afforestation

We hereby undertake to pay the cost of raising and maintenance of compensatory afforestation (including raising and maintenance of plantations, aided natural regeneration, SMC works etc.,) over non-forest land offered to forest department, as and when demanded by the forest authorities and also undertake to pay the additional amount if any due to escalation or any other charges at a later date as per the demand raised by the forest authorities in respect of "proposed diversion of **0.1878 Ha.** of forest land in Shamshabad division for Hassan Cherlapalli LPG Pipeline (HCPL) Project".

The extent of forest land required is as follows:

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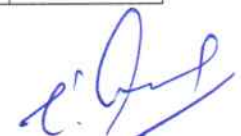
NON VIOLATION CERTIFICATE

Certified that no work has been carried out in violation of F©Act,1980 and W(P)Act,1972 in the proposed forest area for diversion for the "proposed diversion of **0.1878 Ha.** of forest land in Shamshabad division for Hassan Cherlapalli LPG Pipeline (HCPL) Project".

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UNDERTAKING

The user agency is hereby undertake that no labour camp shall be established on the forest lands during the construction of the work " proposed diversion of **0.1878 Ha.** of forest land in Shamshabad division for Hassan Cherlapalli LPG Pipeline (HCPL) Project".

The extent of forest land required is as follows:

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Model and Make of the ETS & DGPS/ GNSS Instruments

It is certified that the ETS & DGPS/ GNSS Survey was carried out through an outsourcing agency. Make and Model of the ETS Instruments are Topcon and Leica. The make and model of the DGPS/ GNSS instruments are Trimble, Topcon and South Precision. The ETS & DGPS/ GNSS data was verified and authenticated by the Forest Department.

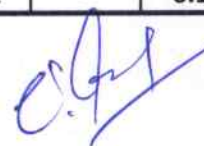
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Purpose-wise break-up of the Forest Land required in Shamshabad Division

ID	NAME	EASTING	NORTHING	LONGITUDE	LATITUDE	FOREST	COM. NO	LENGTH	WIDTH	AREA
SHAMSHABAD DIVISION										
1	dgps-z1	227767.615	1903955.845	78.44038138	17.20430411	MASJIDGADDA RF	338	547.56	2	0.1095
2	dgps15z	227890.726	1903953.481	78.44153835	17.20429746					
13	dgps 19n	227601.843	1903955.794	78.43882387	17.20428385					
14	dgps 12m	227468.079	1903957.146	78.43756693	17.20428007					
15	dgps 16x	227343.201	1903958.423	78.43639348	17.20427667					
3	dgps 10x	251060.849	1917055.244	78.65775816	17.32527690	AMBERPET KALAN RF	264	391.54	2	0.0783
4	dgps 10z	251053.741	1916970.785	78.65770100	17.32451330					
16	DGPS-3	251062.882	1917145.588	78.65776694	17.32609307					
17	DGPS-2	251061.048	1917242.627	78.65773857	17.32696929					
18	DGPS-1	251064.229	1917361.936	78.65775482	17.32804721					
SHAMSHABAD DIVISION TOTAL								939.1	-	0.1878


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Purpose-wise break-up of the Forest & Non Forest Land in Shamshabad Division

SR NO.	DISTRICT	MANDAL	VILLAGE	FOREST AREA	NON FOREST AREA	REMARK
				HA.	HA.	
1	RANGAREDDY	KESHAMPETA	IPPALAPALLE	0.0000	5.7389	
2	RANGAREDDY	KESHAMPETA	VEMULANARVA	0.0000	7.4065	
3	RANGAREDDY	KESHAMPETA	SANGAM	0.0000	4.3458	
4	RANGAREDDY	KESHAMPETA	EKLASKANPET	0.0000	3.8135	
5	RANGAREDDY	KOTHUR	SIDDAPUR	0.0000	5.5284	
6	RANGAREDDY	MAHESWARAM	KOLLAPADAKAL	0.0000	0.4666	
7	RANGAREDDY	MAHESWARAM	SERIGUDA BHADRAPALLI	0.0000	3.1710	
8	RANGAREDDY	KOTHUR	SUBHANPUR	0.0000	7.5075	
9	RANGAREDDY	KOTHUR	KODICHERLA	0.0000	0.2120	
10	RANGAREDDY	MAHESWARAM	KALWAKOLE	0.0000	3.4255	
11	RANGAREDDY	MAHESWARAM	AMEERPET	0.0000	7.3538	
12	RANGAREDDY	MAHESWARAM	NAGIREDDIPALLE	0.0000	5.1789	
13	RANGAREDDY	MAHESWARAM	GOLLOR	0.0000	3.2113	
14	RANGAREDDY	MAHESWARAM	NANDIPALLE	0.0000	1.6781	
15	RANGAREDDY	SHAMSHABAD	DOND SHANKARAPURA	0.0000	0.2866	
16	RANGAREDDY	SHAMSHABAD	SANGHIGUDA	0.0000	2.5818	
17	RANGAREDDY	SHAMSHABAD	GOLKONDA KHURD	0.0000	0.8863	
18	RANGAREDDY	SHAMSHABAD	PEDDA GOLKONDA	0.0000	7.1543	
19	RANGAREDDY	MAHESWARAM	RAIKUNTA	0.0000	1.2858	
20	RANGAREDDY	MAHESWARAM	MANKAL	0.1095	7.5027	
21	RANGAREDDY	MAHESWARAM	ALMASGUDA	0.0000	0.7206	
22	RANGAREDDY	MAHESWARAM	SRINAGAR	0.0000	2.6508	
23	RANGAREDDY	MAHESWARAM	RAWIRAL	0.0000	3.7842	
24	RANGAREDDY	MAHESWARAM	NIRMMAGUDA	0.0000	4.9578	
25	RANGAREDDY	HAYATHNAGAR	TURUR	0.0000	0.0749	

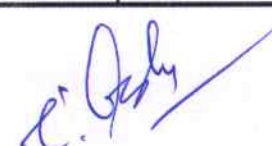
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26	RANGAREDDY	HAYATHNAGAR	KOHEDA	0.0000	11.4426	
27	RANGAREDDY	HAYATHNAGAR	AMBARPETKALAN	0.0783	0.2698	
28	RANGAREDDY	HAYATHNAGAR	PASUMANULA	0.0000	5.0562	
29	RANGAREDDY	HAYATHNAGAR	DESHMUKHI	0.0000	0.1081	
30	RANGAREDDY	HAYATHNAGAR	TARAMATIPETA	0.0000	3.4946	
31	RANGAREDDY	HAYATHNAGAR	GAURELLI	0.0000	0.3961	
32	RANGAREDDY	HAYATHNAGAR	BACHARAM	0.0000	6.6882	
33	RANGAREDDY	GHATKESAR	KORREMUL	0.0000	2.4557	
34	RANGAREDDY	GHATKESAR	EDULABAD	0.0000	2.5336	
35	RANGAREDDY	GHATKESAR	GHATKESAR	0.0000	2.6273	
36	RANGAREDDY	MAHESWARAM	TOOPRA KHURD	0.0000	0.3198	
37	RANGAREDDY	MAHESWARAM	PEDDA TUPRA	0.0000	0.2984	
38	RANGAREDDY	MAHESWARAM	THIMMAPURAM	0.0000	0.1238	
TOTAL				0.1878	126.7378	


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