Annexure - III

TECHNO-ECONOMIC EVALUATION OF LOCATION NRDG

FIGS: Rs. Lakhs

YEAR	OIL PRODN. (Tonnes)	SALABLE OIL (after 2.5% transit Loss)	PRICE (Rs. Per Tonne)	OIL REVENUE (Lakhs)	GOR	GAS PROD. (Mm3)	GAS PRICE (Per 1000m3)	GAS REVENUE	TOTAL REVENUE	CAPEX		DEPRE	OPEX (Rs./Ton)	OPEX, Lakhs	PBT	CUM. PBT	TAX	NET CASH FLOW	PDV Of Profit At 14% DF,	Cum. PDV,	Year
										Drilling	Sur. Fac										
2017-18	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
2018-19	3490	3,403	16,300	554.7	-	-	-	-	554.7	2,496.9	26.5	2523.36	4128	144.1	-2113	-2113	-731	-1382	-1211.91	-1211.91	1
2019-20	6534	6,371	16,501	1,051.2	-	-	-	-	1,051.2	-	-	0.00	4128	269.7	781	-1331	270	511	393.23	-818.68	2
2020-21	7464	7,277	16,705	1,215.7	-	-	-	-	1,215.7	-	-	0.00	4128	308.1	908	-424	314	593	400.58	-418.10	3
2021-22	6717	6,549	16,912	1,107.6	-	-	-	-	1,107.6	-	-	0.00	4128	277.3	830	407	287	543	321.49	-96.61	4
2022-23	6046	5,894	17,121	1,009.2	-	-	-	-	1,009.2	-	-	0.00	4128	249.6	760	1166	263	497	258.00	161.39	5
2023-24	5441	5,305	17,333	919.5	-	-	-	-	919.5	-	-	0.00	4128	224.6	695	1861	241	454	207.03	368.42	6
2024-25	4897	4,775	17,548	837.8	-	-	-	-	837.8	-	-	0.00	4128	202.1	636	2497	220	416	166.12	534.54	7
2025-26	4407	4,297	17,765	763.4	-	-	-	-	763.4	-	-	0.00	4128	181.9	581	3078	201	380	133.29	667.83	8
2026-27	3967	3,867	17,985	695.6	-	-	-	-	695.6	-	-	0.00	4128	163.7	532	3610	184	348	106.94	774.77	9
2027-28	3570	3,481	18,208	633.7	-	-	-	-	633.7	-	-	0.00	4128	147.4	486	4097	168	318	85.79	860.57	10
2028-29	3213	3,133	18,433	577.4	-	-	-	-	577.4	-	-	0.00	4128	132.6	445	4541	154	291	68.83	929.39	11
2029-30	2892	2,819	18,662	526.1	-	-	-	-	526.1	-	-	0.00	4128	119.4	407	4948	141	266	55.21	984.60	12
2030-31	2602	2,537	18,893	479.4	-	-	-	-	479.4	-	-	0.00	4128	107.4	372	5320	129	243	44.28	1028.89	13
2031-32	2342	2,284	19,127	436.8	-	-	-	-	436.8	-	-	0.00	4128	96.7	340	5660	118	222	35.52	1064.41	14
2032-33	2108	2,055	19,364	398.0	-	-	-	-	398.0	-	-	0.00	4128	87.0	311	5971	108	203	28.49	1092.90	15

CAPEX	25.23	Crores
PDV	1,092.90	Lakhs
IRR	35.02%	

Opsinha
15.12.2017

O. P. SINHA
DGM (Res.) - SSM
ONGC, Jorhat Asset

Annexure - II

TECHNO-ECONOMIC EVALUATION OF LOCATION NRDH

FIGS: Rs. Lakhs

YEAR	OIL PRODN. (Tonnes)	SALABLE OIL (after 2.5% transit Loss)	PRICE (Rs. Per Tonne)	OIL REVENUE (Lakhs)	GOR	GAS PROD. (Mm3)	GAS PRICE (Per 1000m3)	GAS REVENUE	TOTAL REVENUE	CAPEX		DEPRE	OPEX (Rs./Ton)	OPEX, Lakhs	PBT	CUM. PBT	TAX	NET CASH FLOW	PDV Of Profit At 14% DF,	Cum. PDV,	Year
										Drilling	Sur. Fac										
2017-18	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
2018-19	3490	3,403	16,300	554.7	-	-	-	-	554.7	2,496.9	26.5	2523.36	4128	144.1	-2113	-2113	-731	-1382	-1211.91	-1211.91	1
2019-20	6534	6,371	16,501	1,051.2	-	-	-	-	1,051.2	-	-	0.00	4128	269.7	781	-1331	270	511	393.23	-818.68	2
2020-21	7464	7,277	16,705	1,215.7	-	-	-	-	1,215.7	-	-	0.00	4128	308.1	908	-424	314	593	400.58	-418.10	3
2021-22	6717	6,549	16,912	1,107.6	-	-	-	-	1,107.6	-	-	0.00	4128	277.3	830	407	287	543	321.49	-96.61	4
2022-23	6046	5,894	17,121	1,009.2	-	-	-	-	1,009.2	-	-	0.00	4128	249.6	760	1166	263	497	258.00	161.39	5
2023-24	5441	5,305	17,333	919.5	-	-	-	-	919.5	-	-	0.00	4128	224.6	695	1861	241	454	207.03	368.42	6
2024-25	4897	4,775	17,548	837.8	-	-	-	-	837.8	-	-	0.00	4128	202.1	636	2497	220	416	166.12	534.54	7
2025-26	4407	4,297	17,765	763.4	-	-	-	-	763.4	-	-	0.00	4128	181.9	581	3078	201	380	133.29	667.83	8
2026-27	3967	3,867	17,985	695.6	-	-	-	-	695.6	-	-	0.00	4128	163.7	532	3610	184	348	106.94	774.77	9
2027-28	3570	3,481	18,208	633.7	-	-	-	-	633.7	-	-	0.00	4128	147.4	486	4097	168	318	85.79	860.57	10
2028-29	3213	3,133	18,433	577.4	-	-	-	-	577.4	-	-	0.00	4128	132.6	445	4541	154	291	68.83	929.39	11
2029-30	2892	2,819	18,662	526.1	-	-	-	-	526.1	-	-	0.00	4128	119.4	407	4948	141	266	55.21	984.60	12
2030-31	2602	2,537	18,893	479.4	-	-	-	-	479.4	-	-	0.00	4128	107.4	372	5320	129	243	44.28	1028.89	13
2031-32	2342	2,284	19,127	436.8	-	-	-	-	436.8	-	-	0.00	4128	96.7	340	5660	118	222	35.52	1064.41	14
2032-33	2108	2,055	19,364	398.0	-	-	-	-	398.0	-	-	0.00	4128	87.0	311	5971	108	203	28.49	1092.90	15

CAPEX	25.23	Crores
PDV	1,092.90	Lakhs
IRR	35.02%	

[signature] 15-12-2017

O. P. SINHA
DGM (Res.) - SSM
ONGC, Jorhat Asset

TECHNO-ECONOMIC EVALUATION OF LOCATION NRDL

FIGS: Rs. Lakhs

YEAR	OEG (Tonnes)	SALABLE OEG (after 2.5% transit Loss)	PRICE (Rs. Per Tonne)	OEG REVENUE (Lakhs)	TOTAL REVENUE	CAPEX		DEPRE	OPEX (Rs./Ton)	OPEX, Lakhs	PBT	CUM. PBT	TAX	NET CASH FLOW	PDV Of Profit At 14% DF,	Cum. PDV,	Year
						Drilling	Sur. Fac										
2019-20	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
2020-21	2662	2,595	16,908	438.8	438.8	**2,496.9**	**26.5**	2523.36	4128	109.9	-2194	-2194	-759	-1435	-1258.74	-1258.74	1
2021-22	4792	4,672	17,118	799.7	799.7	-	-	0.00	4128	197.8	602	-1593	208	394	302.86	-955.89	2
2022-23	4312	4,205	17,330	728.6	728.6	-	-	0.00	4128	178.0	551	-1042	191	360	243.03	-712.86	3
2023-24	3881	3,784	17,544	663.9	663.9	-	-	0.00	4128	160.2	504	-538	174	329	195.01	-517.85	4
2024-25	3493	3,406	17,761	604.9	604.9	-	-	0.00	4128	144.2	461	-78	159	301	156.47	-361.39	5
2025-26	3144	3,065	17,981	551.1	551.1	-	-	0.00	4128	129.8	421	344	146	276	125.53	-235.85	6
2026-27	2829	2,759	18,204	502.2	502.2	-	-	0.00	4128	116.8	385	729	133	252	100.71	-135.14	7
2027-28	2546	2,483	18,429	457.6	457.6	-	-	0.00	4128	105.1	352	1082	122	230	80.79	-54.35	8
2028-29	2292	2,234	18,658	416.9	416.9	-	-	0.00	4128	94.6	322	1404	112	211	64.81	10.46	9
2029-30	2063	2,011	18,889	379.9	379.9	-	-	0.00	4128	85.1	295	1699	102	193	51.98	62.44	10
2030-31	1856	1,810	19,123	346.1	346.1	-	-	0.00	4128	76.6	269	1968	93	176	41.70	104.14	11
2031-32	1671	1,629	19,360	315.4	315.4	-	-	0.00	4128	69.0	246	2215	85	161	33.44	137.58	12
2032-33	1504	1,466	19,600	287.3	287.3	-	-	0.00	4128	62.1	225	2440	78	147	26.82	164.40	13
2033-34	1353	1,319	19,843	261.8	261.8	-	-	0.00	4128	55.9	206	2646	71	135	21.51	185.91	14
2034-35	1218	1,187	20,089	238.5	238.5	-	-	0.00	4128	50.3	188	2834	65	123	17.25	203.16	15

CAPEX	25.23	Crores
PDV	203.16	Lakhs
IRR	18.13%	

18/03/19

D. GOPINATHAN
DGM (RES)-SSM