



EXPRESSION OF INTEREST

SALES OF

RAW GAS (WELL HEAD GAS)

OR

PROCESSED GAS (PIPELINE QUALITY GAS)

FROM

JHAL MAGSI FIELD

1. INTRODUCTION

Oil & Gas Development Company Limited (OGDCL) hereinafter called COMPANY is the national flagship Oil & Gas Company of Pakistan. The COMPANY is actively engaged in exploration, drilling and production activities and is market leader in terms of acreage reserves and production. COMPANY is operator of Jhal Magsi Filed, located in Jhal Magsi District Baluchistan Province, a JV of OGDCL (56 %), Pakistan Oil Fields POL (24%) and Government Holdings Pvt. Limited GHPL (20 %).

The Economic Coordination Committee (ECC) of the Cabinet has allocated Jhal Magsi Gas to OGDCL for sale to any third party selected through a competitive bidding process under Term of Gas Sale & Purchase Agreement (GSPA).

OGDCL has decided to proceed in two steps. In Step 1, publishing Expression of Interest (EOI) in order to identify and determine the potential Sectors and purpose of utilization of Jhal Magsi gas (**Raw Gas @ Well Head OR Processed Gas of pipeline quality**) like power generation, LNG, CNG, petrochemical industry etc. OGDCL will finalize the potential sector after this EOI and formulate the terms & conditions for the allocation of gas for the step 2 i.e Invitation to Bid (ITB).

In step 2, Invitation to Bid (ITB) will be published to carry out competitive bidding process for the allocation of Jhal Magsi gas to potential buyer offering a highest economic value of Jhal Magsi Gas to JHAL MAGSI JV.

OGDCL will execute a GSPA with the Buyer, the gas will be supplied at field gate and title of gas will be shifted to buyer. All the GoP & Regulatory Bodies approvals related to utilization of this gas will be responsibility of Buyer. In case of sales of Raw Gas, the buyer will be responsible to deliver 1 MMscfd (approx.) Processed Gas of Pipeline quality back to OGDCL for supply to Jhal Magsi Town.

Facility Location

The Jhal Magsi gas processing facility will be located as per the following co-ordinates:

A	2690913.950 m E 447243.909 m N 62.803 m Height
B	2691218.988 m E 447243.821 m N 62.406 m Height
C	2690913.955 m E 446726.013 m N 62.483 m Height
D	2691218.974 m E 446726.003 m N 62.043 m Height

2. RAW GAS DATA

RESERVES:

35 BCF.

RAW GAS PROFILES & DELIVERY PRESSURES:

OGDCL can provide Raw gas as per following scenario:

Case-01			CASE-02		
YEAR	GAS Rate (MMSCFD)	WHFP (PSIG)	YEAR	GAS Rate (MMSCFD)	WHFP (PSIG)
1	15.0	1505	1	10.0	1950
2	15.0	1375	2	10.0	1782
3	15.0	1240	3	10.0	1607
4	13.7	1146	4	10.0	1485
5	10.6	1011	5	10.0	1310
6	8.2	890	6	10.0	1153
7	6.4	795	7	10.0	1031
8	5.0	674	8	8.2	873
9	4.0	573	9	6.4	742
10	3.0	431	10	4.9	559
11	2.5	337	11	3.8	437
12	2.5	246	12	3.0	385
			13	2.5	341
			14	2.0	239

RAW GAS PARAMETERS & QUALITY:

Well Head Gas will be supplied without any treatment as per well head conditions, the approximate parameters & composition are as under.

Temperature:	120	F
C ₁	89	mole %
C ₂ -C ₆	1	mole %
N ₂ :	7.0	mole %
CO ₂ :	3.0	mole %
H ₂ S:	0.100	mole %
Water:	0.150	mole % (saturated)
Heating Value:	930-950	Btu/scf

3. PROCESSED GAS (PIPELINE QUALITY) DATARESERVES:

35 BCF.

SALES GAS PROFILES:

OGDCL can provide sales gas as per following scenario:

Case-01		CASE-02	
YEAR	PROCESSED GAS (MMSCFD)	YEAR	PROCESSED GAS (MMSCFD)
1	13.0	1	8.0
2	13.0	2	8.0
3	13.0	3	8.0
4	11.7	4	8.0
5	8.6	5	8.0
6	6.2	6	8.0
7	4.4	7	8.0
8	3.0	8	6.2
9	2.0	9	4.4
10	1.0	10	2.9
11	0.5	11	1.8
12	0.5	12	1.0
		13	0.5

SALES GAS PARAMETERS & QUALITY:

Pressure:	1200	Psig
Temperature:	120	F
C ₁	89	mole %
C ₂ -C ₆	1	mole %
N ₂ :	7	mole %
CO ₂ :	< 3	mole %
Water:	< 7	lbs/ MMscf
H ₂ S:	< 4	ppm
Heating Value:	930-950	Btu/scf

4. GUIDELINES FOR THE INTERESTED BUYERS

The interested parties shall submit the expression of interest along with following documents but not limited to enabling OGDCL to determine potential Sectors and utilization of Jhal Magasi gas (Raw Gas OR Processed Gas of pipeline quality).

- a. Company Profile
- b. Conceptual Proposal of their proposed project along with preliminary working for the utilization of gas
- c. Execution Plan of the proposed project & along with timelines.

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