

**OIL & GAS DEVELOPMENT COMPANY LIMITED**



**TENDER ENQUIRY NO. PROC-SERVICES/CB/HSEQ-4936/2021**

**HIRING OF SERVICES TO CONDUCT IEE STUDIES**

  
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HSEQ Officer  
Oil & Gas Development Co. Ltd.  
Islamabad, Ex.: 2623

# TERMS OF REFERENCE (TOR)

## (AND APPLICATION FORM FOR COMPETITIVE BIDDING MODE)

1. EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN  
**GURGALOT E.L.**, DISTRICT KOHAT, KHYBER **PAKHTUNKHWA** (347.84 SQ-KM)
2. EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN  
**FATEH JANG E.L.**, DISRICT RAWALPINDI & ATTOCK, **PUNJAB** (1,080.43 SQ-KM)
3. EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN  
**SAMANDAR E.L.**, DISTRICT AWARAN AND LASBELA, **BALUCHISTAN** (2,495.33 SQ-KM)
4. EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN  
**KHUZDAR NORTH E.L.**, DISRICT KHUZDAR, **BALUCHISTAN** AND DADU, **SINDH** (2451.44 SQ-KM)
5. EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN  
**KOHLU E.L.**, DISTRICT KOHLU, DERA BUGTI, BARKHAN, **BALUCHISTAN** (2,459.11 SQ-KM)
6. EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN  
**ZIN E.L.**, DISTRICT DERA BUGTI, NASIRABAD, KOHLU, SIBI, **BALUCHISTAN** (5,559.74 SQ-KM)
7. EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN  
**RANIPUR E.L.**, DISTRICT KHAIRPUR, LARKANA, NAUSHAHRO FEROZ, **SINDH** (2,379.52 SQ-KM)
8. EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN  
**PASNI WEST E.L.**, DISTRICT GWADAR, KECH, **BALUCHISTAN** (2,293.40 SQ-KM)
9. EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN  
**GUDDU E.L.**, DISTRICT RAJANPUR, RAHIM YAR KHAN, **PUNJAB** & GHOTKI, KASHMORE, **SINDH**  
(2,062.75 SQ-KM)
10. EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN  
**PLANTAK E.L.**, DISTRICT WASHUK, PANJGUR, **BALUCHISTAN** (2,457.01 SQ-KM)
11. EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN  
**SINJHORO E.L.**, DISTRICT SANGHAR, KHAIRPUR **SINDH** (1,105.86 SQ-KM)
12. EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN  
**NIM & NIM WEST E.L.**, DISTRICT HYDERABAD, THARPARKAR **SINDH** (221.03 SQ-KM)

### Important:

- a. Responsive Bidder can apply (may quote) either for one, any combination or all studies.
- b. Responsive Bidder with the Lowest Financial Bids will be awarded the specific IEE Study.
- c. Bids claiming payment on reimbursement basis and/or quoting open ended charges and/or seeking deviation to the given payment terms will be declared Non-Responsive.
- d. NO ADVANCE PAYMENT OR MOBILIZATION CHARGES shall be made to the Contractor.
- e. OGDCL may call the Consultant for presenting any part of the study or the entire study itself before clarifying/processing the invoice(s) at any stage/ phase.
- f. OGDCL will NOT pay any other charges OTHER THAN the lump sum cost as quoted in the Financial Bid.
- g. Deductions will be made from the invoices in case of delay in conducting the study, engaging sub-standard team of consultants, late submission of the report and/or poor quality of the IEE Reports.
- h. Financial Evaluation/comparison will be made on study basis
- i. It is MANDATORY for the bidders to commit workload for ALL LISTED BLOCKS ON PARALLEL BASIS they wish to quote.
- j. INCOMPLETE BIDS WILL BE REJECTED.
- k. Prices should be inclusive of all applicable taxes & levies but EXCLUSIVE of Provincial Sales Tax on services, which if applicable will be paid by OGDCL.
- l. Provincial Sales Tax on services if applicable should be mentioned separately for reference purpose only.

The purpose of hiring services for each Initial Environmental Examination (IEE) Study is to take into account all environmental work necessary for the appropriate local environmental regulatory review and approval of the proposed exploration and production activities.

OGDCL is interested in obtaining regulatory approval to commence the work on asap basis at these areas. Maps of the proposed working areas showing the geographical positions is attached to this TOR as **Annexure AA-LL**.

**1. GURGALOT E.L.**

- Seismic: - 2D/ 3D seismic already acquired.
- More 2D/ 3D seismic will be acquired. Still plan to be finalized, subject to Operator/ JVP's approval.
- Wells drilled: Yes
- Future wells expected: Yes (02)

**2. FATEH JANG E.L.**

- Seismic: - 2D/ 3D seismic already acquired.
- More 2D/ 3D seismic will be acquired. Still plan to be finalized, subject to Operator/ JVP's approval.
- Wells drilled: Yes
- Future wells expected: Yes (02)

**3. SAMANDAR E.L.**

- Seismic: - 2D/ 3D seismic already acquired.
- More 2D/ 3D seismic will be acquired. Still plan to be finalized, subject to Operator/ JVP's approval.
- Wells drilled: Yes
- Future wells expected: Yes (02)

**4. KHUZDAR NORTH E.L.**

- Seismic: - 2D/ 3D seismic already acquired.
- More 2D/ 3D seismic will be acquired. Still plan to be finalized, subject to Operator/ JVP's approval.
- Wells drilled: Yes
- Future wells expected: Yes (02)

**5. KOHLU E.L.**

- Seismic: - 2D/ 3D seismic already acquired.
- More 2D/ 3D seismic will be acquired. Still plan to be finalized, subject to Operator/ JVP's approval.
- Wells drilled: Yes
- Future wells expected: Yes (02)

**6. ZIN E.L.**

- Seismic: - 2D/ 3D seismic already acquired.
- More 2D/ 3D seismic will be acquired. Still plan to be finalized, subject to Operator/ JVP's approval.
- Wells drilled: Yes
- Future wells expected: Yes (02)

**7. RANIPUR E.L.**

- Seismic: - 2D/ 3D seismic already acquired.
- More 2D/ 3D seismic will be acquired. Still plan to be finalized, subject to Operator/ JVP's approval.
- Wells drilled: Yes
- Future wells expected: Yes (02)

**8. PASNI WEST E.L.**

- Seismic: - 2D/ 3D seismic already acquired.
- More 2D/ 3D seismic will be acquired. Still plan to be finalized, subject to Operator/ JVP's approval.
- Wells drilled: Yes
- Future wells expected: Yes (02)

**9. GUDDU E.L.**

- Seismic: - 2D/ 3D seismic already acquired.
- More 2D/ 3D seismic will be acquired. Still plan to be finalized, subject to Operator/ JVP's approval.
- Wells drilled: Yes
- Future wells expected: Yes (02)

**10. PLANTAK E.L.**

- Seismic: - 2D/ 3D seismic not yet acquired.
- Wells drilled: No

**11. SINJHORO E.L.**

- Seismic: - 2D/ 3D seismic already acquired.
- More 2D/ 3D seismic will be acquired. Still plan to be finalized, subject to Operator/ JVP's approval.
- Wells drilled: Yes
- Future wells expected: Yes (02)

**12. NIM & NIM WEST EL**

- Seismic: - 2D/ 3D seismic already acquired.
- More 2D/ 3D seismic will be acquired. Still plan to be finalized, subject to Operator/ JVP's approval.
- Wells drilled: Yes
- Future wells expected: Yes (03)

1. **Scope of Work**

Reference to relevant World Bank/ International Financial Corporation Guidelines and country's applicable laws & regulations, Scope of Work to fundamentally address, without limitation, the following:

- Conduct INITIAL ENVIRONMENT STUDIES (IEEs) through extensive surveys and consultation process, based upon established primary data collection methods.
- Take clearances under Federal/ Provincial Environmental Regulations through review meetings/ physical presentations to respective provincial Environmental Protection Agency(ies) on site or at their office(s) with due diligence.
- Track and expedite the approval process to obtain the environmental clearances from the RESPECTIVE PROVINCIAL ENVIRONMENTAL PROTECTION AGENCY(IES).

The IEE Reports shall together comprise description of the proposed operations, assessment of existing environmental quality status based on available secondary data supplemented by collection of primary data for the region; Initial Environmental Examination statement incorporating identification, prediction and evaluation of impacts and delineation of environmental management plan.

CONSULTANT WILL BE REQUIRED TO OBTAIN ENVIRONMENTAL CLEARANCES AND APPROVALS FROM THE RESPECTIVE PROVINCIAL ENVIRONMENTAL PROTECTION AGENCY(IES) EMPLOYING ITS OWN RESOURCES.

Note: Consultant must provide its detailed understanding on the scope of work and explain how the environmental clearance shall be obtained in the form of execution plan/activity chart with respect to the activity envisaged by OGDCL.

2. **Timeframe for Deliverables:**

The duration of contract is Thirty (30) weeks and extendable with mutual consent of both the parties.

- **Submission of each IEE Study:**  
Eight (08) weeks from the date of award of contract.
- **Acquisition of each NOC:**  
Twenty (20) weeks from the date of award of contract.

Consultant may quote its best timeframe and provide the activity chart/ Gantt Chart in the proposal.

3. **Work Program**

The work program will include the following:

- A. Baseline Environmental Quality Status:**
  - Measurement and collation of data on climate/ weather, hydro-geography and air quality (lab. test required) in the region including noise environment.
  - Assessment of physico-chemical characteristics of surface/ ground water (lab. test required).
  - Assessment of biological characteristics of water, soil components (lab. test required) of environment and wild life.
  - Assessment of primary and secondary productivity in the study regions.
- B. Initial Environmental Examination:**
  - Prediction of adverse impacts due to projects' disturbances.
  - Assessment of environmental risks due to noise.
  - Assessment of adverse impacts on ecological resources in the region.
  - Assessment of adverse impacts on human interests.
- C. Environmental Management Plan:** Propose appropriate measures to prevent/ minimize the adverse impacts due to the projects' operations on various components of environment.
- D. Emergency Response (ER) Plan:** Emergency Response (ER) Plans to be developed including all scenarios (fire, spill, leakage, etc.), emergency evacuation, casualties handling and post incident management.
- E. Waste/ Pollution Management Plan:** Waste/ Pollution Management Plans to be developed considering solid, liquid (effluents), and gaseous waste – both hazardous and non-hazardous in nature.



4. **Estimated Inputs from Company:**

**Civil, Seismic and Drilling**

Description	Minimum Requirement per Day		
	Civil Phase	Seismic Survey Phase	Drilling of Wells Phase
Project Days	20-30	220-300	220-360
Manpower	70	700	200-300
Vehicles	20-30	110-125	20
Utility Water	7,000 Ltr.	70,000 Ltr.	30,000 Ltr.
Drinking Water	200 Ltr.	2,000 Ltr.	900 Ltr.
Power Electricity	33 KW	100 KW	200 KW
Lube Oil	16-20 Ltr.	60 Ltr.	30 Ltr.
Diesel (for Vehicles)	1,000 Ltr.	6,000 Ltr.	1,000 Ltr.
Chemicals	-	-	-
Gas for Power Generation & Utilities	10-15 KGs	20-25 Kg	N/A
Explosives	N/A	15000 Kg (Bi-Annually)	N/A
Detonators	N/A	15000 Nos (Bi-Annually)	N/A
Hazardous Waste	N/A	Medical Left-over Oil/ Chemicals	OBM Drill Cuttings Medical Left-over Oil/ Chemicals
Non-Hazardous Waste	Empty Drums Air and Fuel Filters Metal parts Paper/ packing material Leftover Food Items		

**Pipeline and Production Facility (New/ Modification of Existing)**

- Installation of Equipment (s) (Separators, Dehydration Units etc.): 45-60 days
- Pipeline & Piping Network Installation: 20-40 days
- E&I Works Completion: 20 days
- Performance Testing and Commissioning: 10 days

	Specification/ Characteristics/ Contents	Monthly Production/ Accumulation/ Generation (Average Quantity)	Method of Transportation/ Discharge/ Treatment/ Storage (Recommended)
Produced Water	Brine	1-2 million Litre	Evaporation Ponds Under DGPC Guidelines
Chemicals Used	Demulsifier	500 Litre	Using injection pump at the wellhead
	Corrosion Inhibitor	500 Litre	Dozing through injection pump at the pipeline or wellhead
Engine Oil Usage	As per OEM	20 Litre	Drums
Diesel Usage	HSD	5,000 Litre	Bowzer → Tank → Filling Area
Gas Usage	CV = 1400 BTU	2-3 MMCF	Pipeline
Water Requirement	Drinking	1000 Litre	Boring
	Utilities	90000	Canal/ Boring
	Fire Water	10000 bbls	Underground tank/ reservoir
Air Emissions	Majorly SO <sub>x</sub> ; NO <sub>x</sub> ; CO	To be maintained under permissible limits	01 Gas Generator 225KVA ( For Camp) 01 Diesel Generator 240 KVA as Backup (For Camp) Gas Generator 160KVA (For Desalter Unit) Flare (conditional)
Hazardous Waste	Sludge	100 Kg	Auction
	Oily Rugs	50 Kg	Burning in waste pit

	Medical	02 Kg	Incineration
	Left-over Oil/ Chemicals	10-20 Drums	Auction
Non-hazardous Waste	Empty Drums	10-15	Auction
	Air and Fuel Filters	15-20	Auction
	Metal parts	05-10Kg	Auction
	Paper/ packing material	10-15 Kg	Burning in Pit or re-use
	Leftover Food Items	50 Kg	Composting

5. **Responsibilities of Environmental Contractor:**

After the submission of deliverable(s), the Consultant shall obtain environmental clearances / approvals from the RESPECTIVE PROVINCIAL ENVIRONMENTAL PROTECTION AGENCY on urgent basis.

6. **Deliverables For Each IEE Report:**

-	IEE Report	-	06 colored copies + 06 b/w copies
-	Soft copy (CD)	-	02 copies
-	Executive Summary	-	10 Copies
-	Presentation (soft copy PPT format)	-	02 Copies
			or as required, whichever is higher.

7. **Mode of Payment:**

The total contract amount should be INCLUSIVE of charges related to TAXES, DUTIES, TRAVEL and ACCOMMODATION to be incurred during study(ies), consultation and technical meetings. These shall be payable by the OGDCL to the Consultant in following manner viz a viz all items mentioned in the Scope of Work:

- First Installment: 60% of the total contract amount (of each study) after submission of two (02) softcopies, Twelve (12) hardcopies of Final IEE Report and ten (10) copies of Executive Summary of the project, subject to endorsement by OGDCL.
- Second Installment: 40% of the total contract amount (of each study) on receipt of NOC from respective provincial ENVIRONMENTAL PROTECTION AGENCY.

8. **Technical Bid Details**

Please check Annexure XX.

9. **Financial Bid Details / Comparative Statement Format**

**IEE STUDY-1:**

**EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN GURGALOT E.L.**

Phase-wise bid details	Unit Rate [PKR]	Quantity (Sample)	Total
1. Software / Graphics / Mapping Charges		1	
2. Laboratory / QC Charges ... Drinking Water Testing (Twenty parameters; Bacterial, Physical, and Chemical)		3 sample points	
3. Laboratory / QC Charges ... Soil Analysis (Five parameters; pH, Electrical Conductivity, Lead, Arsenic, Zinc)		3 sample points	
4. Laboratory / QC Charges ... Ambient Air Monitoring (Five parameters; SO <sub>x</sub> , NO <sub>x</sub> , SPM, Lead, and CO)		3 sample points	
5. Environmentalist Charges		1	
6. Wildlife Expert Charges		1	
7. Biologist & Botanist Charges		1	
8. Cost of Travelling/ Accommodation / Public Consultations		1	
9. Documentation / Report Charges		1	
10. Overheads during meetings with EPA Officials		1	
Total Bid Price (PKR) for 01 IEE Study Report			

PS: All above detail must be addressed appropriately.

**IEE STUDY-2:****EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN FATEH JANG E.L.**

Phase-wise bid details	Unit Rate [PKR]	Quantity (Sample)	Total
1. Software / Graphics / Mapping Charges		1	
2. Laboratory / QC Charges ... Drinking Water Testing (Twenty parameters; Bacterial, Physical, and Chemical)		3 sample points	
3. Laboratory / QC Charges ... Soil Analysis (Five parameters; pH, Electrical Conductivity, Lead, Arsenic, Zinc)		3 sample points	
4. Laboratory / QC Charges ... Ambient Air Monitoring (Five parameters; SOx, NOx, SPM, Lead, and CO)		3 sample points	
5. Environmentalist Charges		1	
6. Wildlife Expert Charges		1	
7. Biologist & Botanist Charges		1	
8. Cost of Travelling/ Accommodation / Public Consultations		1	
9. Documentation / Report Charges		1	
10. Overheads during meetings with EPA Officials		1	
Total Bid Price (PKR) for 01 IEE Study Report			

PS: All above detail must be addressed appropriately.

**IEE STUDY-3:****EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN SAMANDAR E.L.**

Phase-wise bid details	Unit Rate [PKR]	Quantity (Sample)	Total
1. Software / Graphics / Mapping Charges		1	
2. Laboratory / QC Charges ... Drinking Water Testing (Twenty parameters; Bacterial, Physical, and Chemical)		3 sample points	
3. Laboratory / QC Charges ... Soil Analysis (Five parameters; pH, Electrical Conductivity, Lead, Arsenic, Zinc)		3 sample points	
4. Laboratory / QC Charges ... Ambient Air Monitoring (Five parameters; SOx, NOx, SPM, Lead, and CO)		3 sample points	
5. Environmentalist Charges		1	
6. Wildlife Expert Charges		1	
7. Biologist & Botanist Charges		1	
8. Cost of Travelling/ Accommodation / Public Consultations		1	
9. Documentation / Report Charges		1	
10. Overheads during meetings with EPA Officials		1	
Total Bid Price (PKR) for 01 IEE Study Report			

PS: All above detail must be addressed appropriately.

**IEE STUDY-4:****EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN KHUZDAR NORTH E.L.**

Phase-wise bid details	Unit Rate [PKR]	Quantity (Sample)	Total
1. Software / Graphics / Mapping Charges		1	
2. Laboratory / QC Charges ... Drinking Water Testing (Twenty parameters; Bacterial, Physical, and Chemical)		3 sample points	
3. Laboratory / QC Charges ... Soil Analysis (Five parameters; pH, Electrical Conductivity, Lead, Arsenic, Zinc)		3 sample points	
4. Laboratory / QC Charges ... Ambient Air Monitoring (Five parameters; SOx, NOx, SPM, Lead, and CO)		3 sample points	
5. Environmentalist Charges		1	
6. Wildlife Expert Charges		1	
7. Biologist & Botanist Charges		1	
8. Cost of Travelling/ Accommodation / Public Consultations		1	
9. Documentation / Report Charges		1	
10. Overheads during meetings with EPA Officials		1	
Total Bid Price (PKR) for 01 IEE Study Report			

PS: All above detail must be addressed appropriately.



**IEE STUDY-5:****EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN KOHLU E.L.**

Phase-wise bid details	Unit Rate [PKR]	Quantity (Sample)	Total
1. Software / Graphics / Mapping Charges		1	
2. Laboratory / QC Charges ... Drinking Water Testing (Twenty parameters; Bacterial, Physical, and Chemical)		3 sample points	
3. Laboratory / QC Charges ... Soil Analysis (Five parameters; pH, Electrical Conductivity, Lead, Arsenic, Zinc)		3 sample points	
4. Laboratory / QC Charges ... Ambient Air Monitoring (Five parameters; SOx, NOx, SPM, Lead, and CO)		3 sample points	
5. Environmentalist Charges		1	
6. Wildlife Expert Charges		1	
7. Biologist & Botanist Charges		1	
8. Cost of Travelling/ Accommodation / Public Consultations		1	
9. Documentation / Report Charges		1	
10. Overheads during meetings with EPA Officials		1	
Total Bid Price (PKR) for 01 IEE Study Report			

PS: All above detail must be addressed appropriately.

**IEE STUDY-6:****EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN ZIN E.L.**

Phase-wise bid details	Unit Rate [PKR]	Quantity (Sample)	Total
1. Software / Graphics / Mapping Charges		1	
2. Laboratory / QC Charges ... Drinking Water Testing (Twenty parameters; Bacterial, Physical, and Chemical)		3 sample points	
3. Laboratory / QC Charges ... Soil Analysis (Five parameters; pH, Electrical Conductivity, Lead, Arsenic, Zinc)		3 sample points	
4. Laboratory / QC Charges ... Ambient Air Monitoring (Five parameters; SOx, NOx, SPM, Lead, and CO)		3 sample points	
5. Environmentalist Charges		1	
6. Wildlife Expert Charges		1	
7. Biologist & Botanist Charges		1	
8. Cost of Travelling/ Accommodation / Public Consultations		1	
9. Documentation / Report Charges		1	
10. Overheads during meetings with EPA Officials		1	
Total Bid Price (PKR) for 01 IEE Study Report			

PS: All above detail must be addressed appropriately.

**IEE STUDY-7:****EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN RANIPUR E.L.**

Phase-wise bid details	Unit Rate [PKR]	Quantity (Sample)	Total
1. Software / Graphics / Mapping Charges		1	
2. Laboratory / QC Charges ... Drinking Water Testing (Twenty parameters; Bacterial, Physical, and Chemical)		3 sample points	
3. Laboratory / QC Charges ... Soil Analysis (Five parameters; pH, Electrical Conductivity, Lead, Arsenic, Zinc)		3 sample points	
4. Laboratory / QC Charges ... Ambient Air Monitoring (Five parameters; SOx, NOx, SPM, Lead, and CO)		3 sample points	
5. Environmentalist Charges		1	
6. Wildlife Expert Charges		1	
7. Biologist & Botanist Charges		1	
8. Cost of Travelling/ Accommodation / Public Consultations		1	
9. Documentation / Report Charges		1	
10. Overheads during meetings with EPA Officials		1	
Total Bid Price (PKR) for 01 IEE Study Report			

PS: All above detail must be addressed appropriately.



**IEE STUDY-8:****EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN PASNI WEST E.L.**

Phase-wise bid details	Unit Rate [PKR]	Quantity (Sample)	Total
1. Software / Graphics / Mapping Charges		1	
2. Laboratory / QC Charges ... Drinking Water Testing (Twenty parameters; Bacterial, Physical, and Chemical)		3 sample points	
3. Laboratory / QC Charges ... Soil Analysis (Five parameters; pH, Electrical Conductivity, Lead, Arsenic, Zinc)		3 sample points	
4. Laboratory / QC Charges ... Ambient Air Monitoring (Five parameters; SOx, NOx, SPM, Lead, and CO)		3 sample points	
5. Environmentalist Charges		1	
6. Wildlife Expert Charges		1	
7. Biologist & Botanist Charges		1	
8. Cost of Travelling/ Accommodation / Public Consultations		1	
9. Documentation / Report Charges		1	
10. Overheads during meetings with EPA Officials		1	
Total Bid Price (PKR) for 01 IEE Study Report			

PS: All above detail must be addressed appropriately.

**IEE STUDY-9:****EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN GUDDU E.L.**

Phase-wise bid details	Unit Rate [PKR]	Quantity (Sample)	Total
1. Software / Graphics / Mapping Charges		1	
2. Laboratory / QC Charges ... Drinking Water Testing (Twenty parameters; Bacterial, Physical, and Chemical)		3 sample points	
3. Laboratory / QC Charges ... Soil Analysis (Five parameters; pH, Electrical Conductivity, Lead, Arsenic, Zinc)		3 sample points	
4. Laboratory / QC Charges ... Ambient Air Monitoring (Five parameters; SOx, NOx, SPM, Lead, and CO)		3 sample points	
5. Environmentalist Charges		1	
6. Wildlife Expert Charges		1	
7. Biologist & Botanist Charges		1	
8. Cost of Travelling/ Accommodation / Public Consultations		1	
9. Documentation / Report Charges		1	
10. Overheads during meetings with EPA Officials		1	
Total Bid Price (PKR) for 01 IEE Study Report			

PS: All above detail must be addressed appropriately.

**IEE STUDY-10:****EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN PLANTAK E.L.**

Phase-wise bid details	Unit Rate [PKR]	Quantity (Sample)	Total
1. Software / Graphics / Mapping Charges		1	
2. Laboratory / QC Charges ... Drinking Water Testing (Twenty parameters; Bacterial, Physical, and Chemical)		3 sample points	
3. Laboratory / QC Charges ... Soil Analysis (Five parameters; pH, Electrical Conductivity, Lead, Arsenic, Zinc)		3 sample points	
4. Laboratory / QC Charges ... Ambient Air Monitoring (Five parameters; SOx, NOx, SPM, Lead, and CO)		3 sample points	
5. Environmentalist Charges		1	
6. Wildlife Expert Charges		1	
7. Biologist & Botanist Charges		1	
8. Cost of Travelling/ Accommodation / Public Consultations		1	
9. Documentation / Report Charges		1	
10. Overheads during meetings with EPA Officials		1	
Total Bid Price (PKR) for 01 IEE Study Report			

PS: All above detail must be addressed appropriately.

**IEE STUDY-11:****EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN SINJHORO E.L.**

Phase-wise bid details	Unit Rate [PKR]	Quantity (Sample)	Total
1. Software / Graphics / Mapping Charges		1	
2. Laboratory / QC Charges ... Drinking Water Testing (Twenty parameters; Bacterial, Physical, and Chemical)		3 sample points	
3. Laboratory / QC Charges ... Soil Analysis (Five parameters; pH, Electrical Conductivity, Lead, Arsenic, Zinc)		3 sample points	
4. Laboratory / QC Charges ... Ambient Air Monitoring (Five parameters; SOx, NOx, SPM, Lead, and CO)		3 sample points	
5. Environmentalist Charges		1	
6. Wildlife Expert Charges		1	
7. Biologist & Botanist Charges		1	
8. Cost of Travelling/ Accommodation / Public Consultations		1	
9. Documentation / Report Charges		1	
10. Overheads during meetings with EPA Officials		1	
Total Bid Price (PKR) for 01 IEE Study Report			

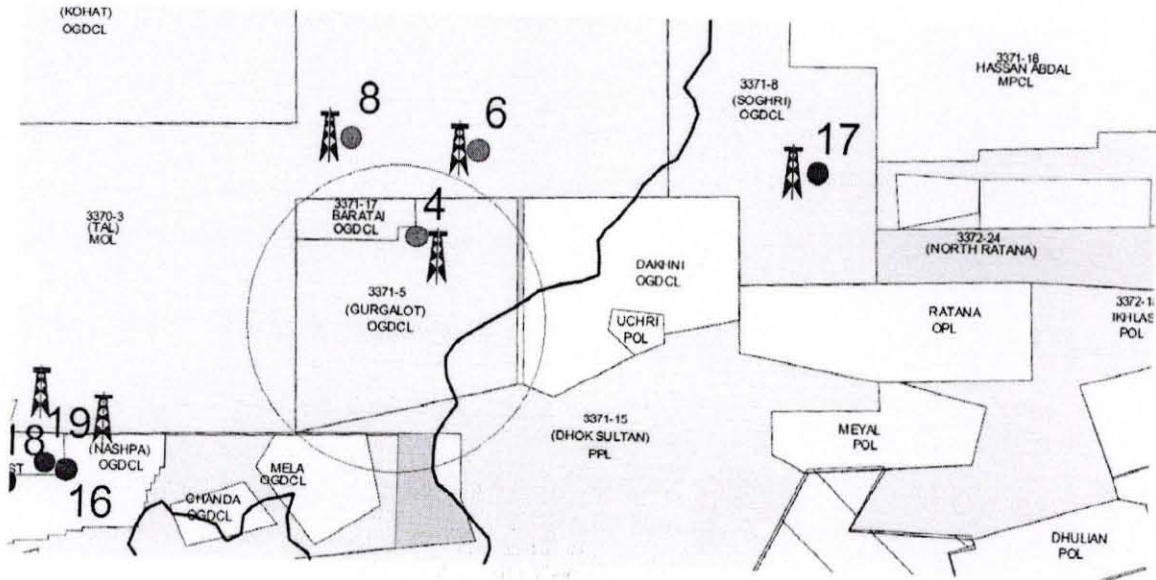
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**IEE STUDY-12:****EXPLORATION, DRILLING & PRODUCTION ACTIVITIES IN NIM & NIM WEST E.L.**

Phase-wise bid details	Unit Rate [PKR]	Quantity (Sample)	Total
11. Software / Graphics / Mapping Charges		1	
12. Laboratory / QC Charges ... Drinking Water Testing (Twenty parameters; Bacterial, Physical, and Chemical)		3 sample points	
13. Laboratory / QC Charges ... Soil Analysis (Five parameters; pH, Electrical Conductivity, Lead, Arsenic, Zinc)		3 sample points	
14. Laboratory / QC Charges ... Ambient Air Monitoring (Five parameters; SOx, NOx, SPM, Lead, and CO)		3 sample points	
15. Environmentalist Charges		1	
16. Wildlife Expert Charges		1	
17. Biologist & Botanist Charges		1	
18. Cost of Travelling/ Accommodation / Public Consultations		1	
19. Documentation / Report Charges		1	
20. Overheads during meetings with EPA Officials		1	
Total Bid Price (PKR) for 01 IEE Study Report			

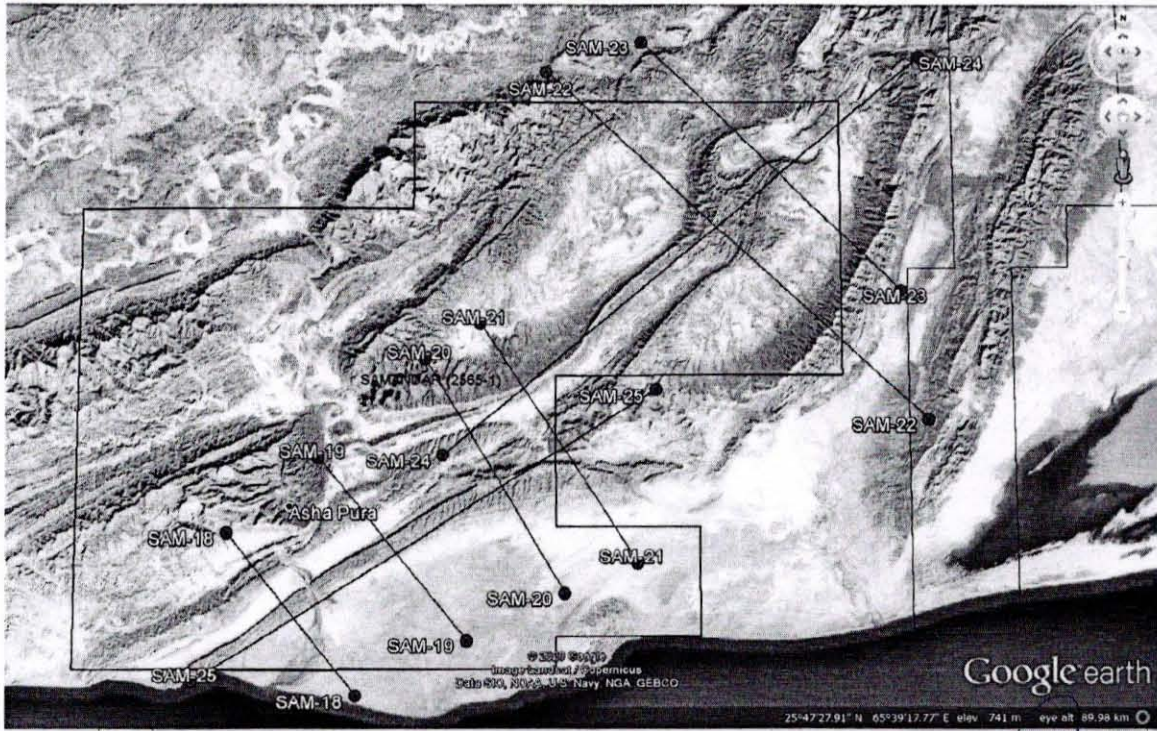
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Annexure AA

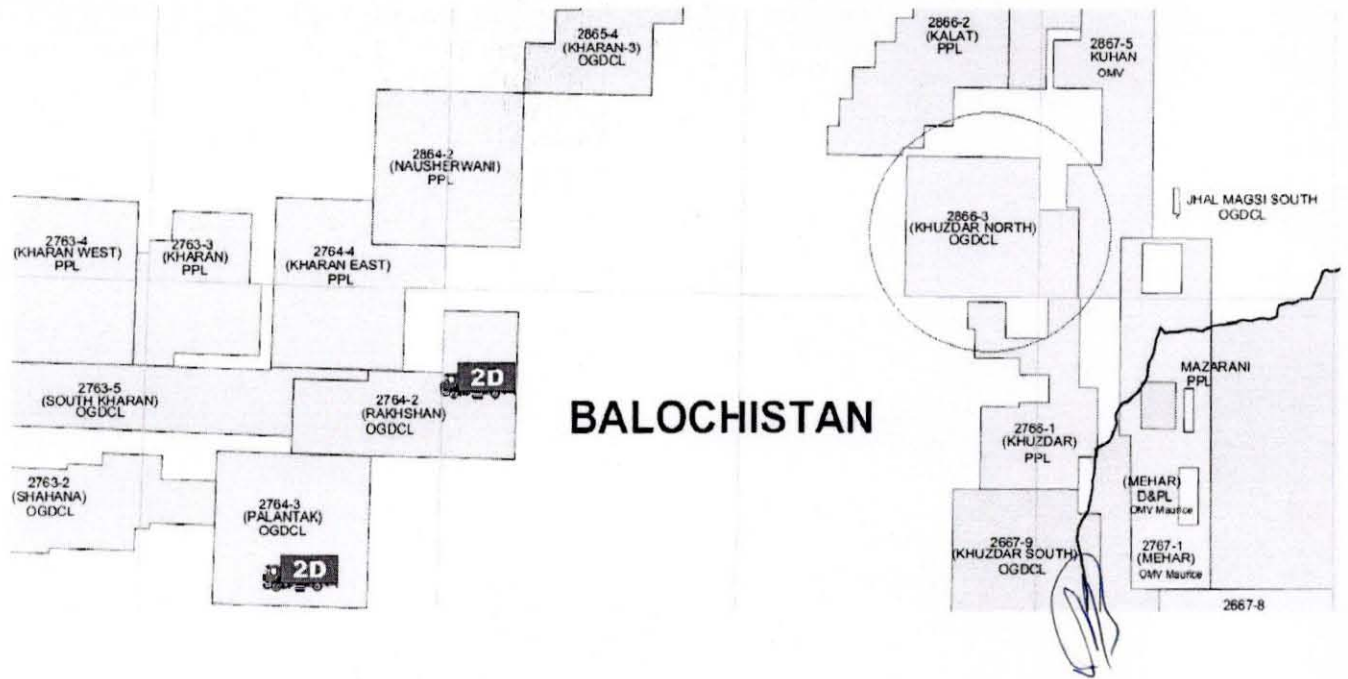


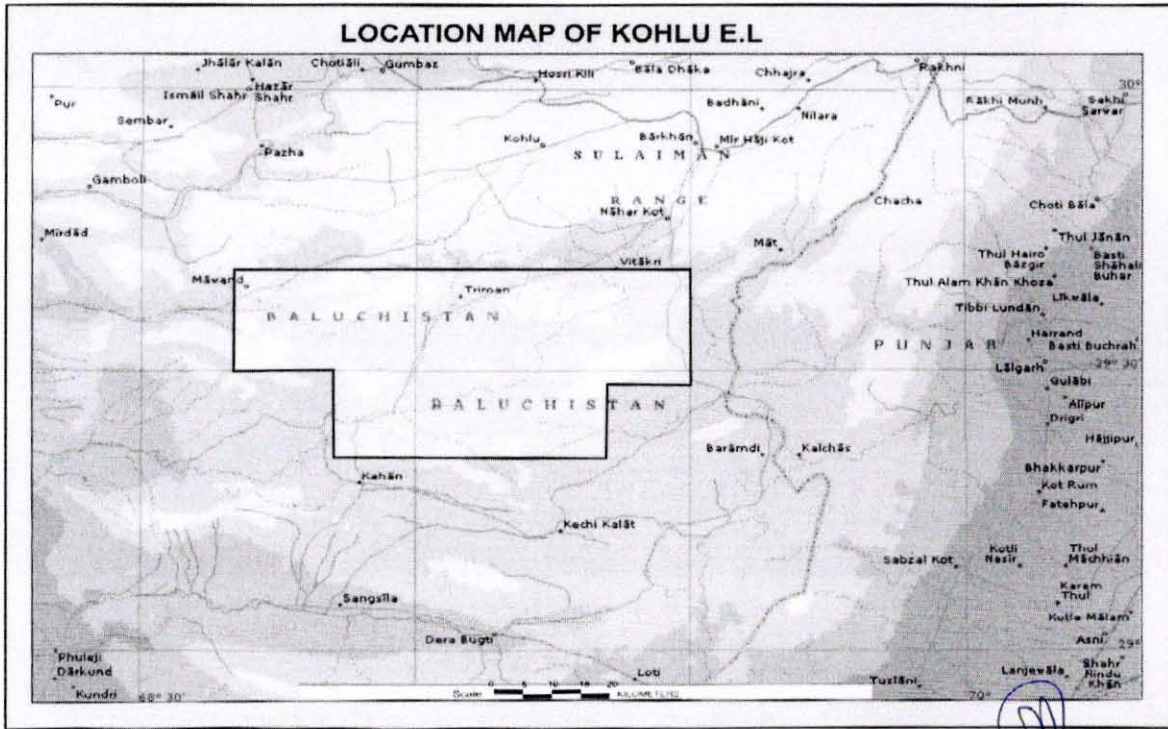
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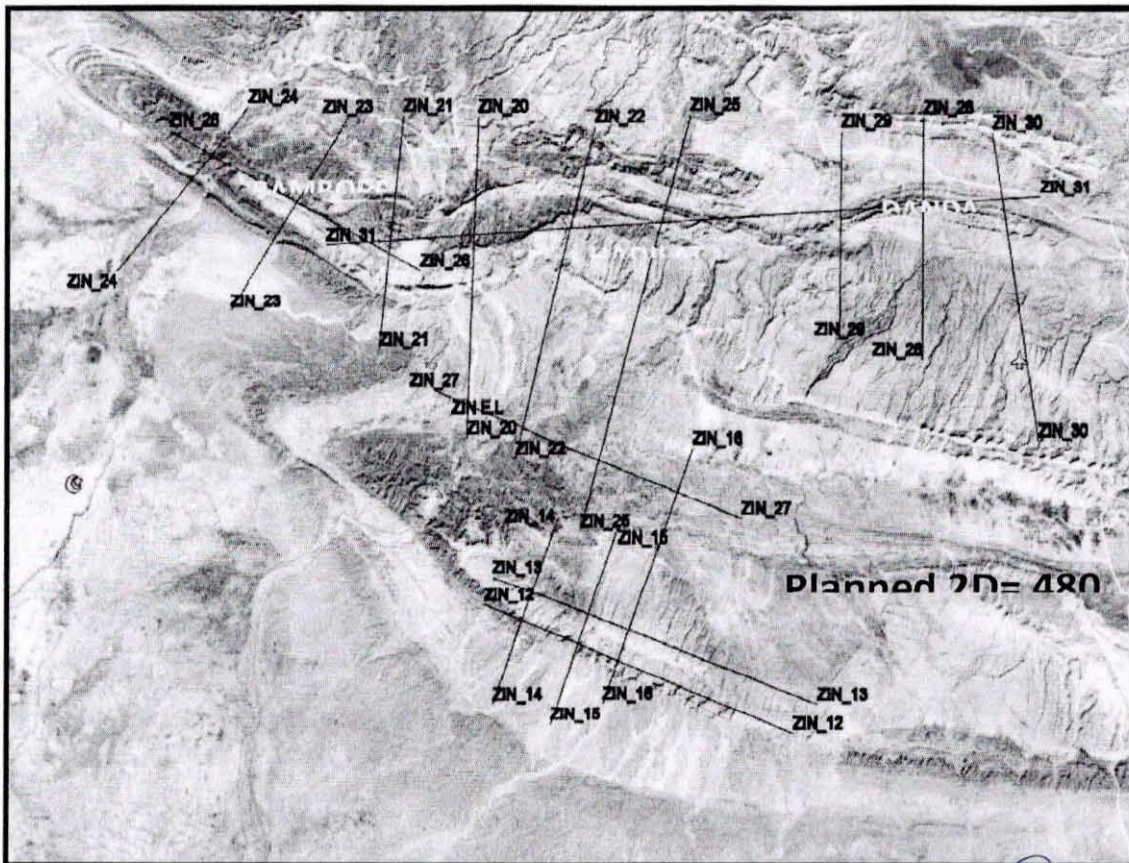
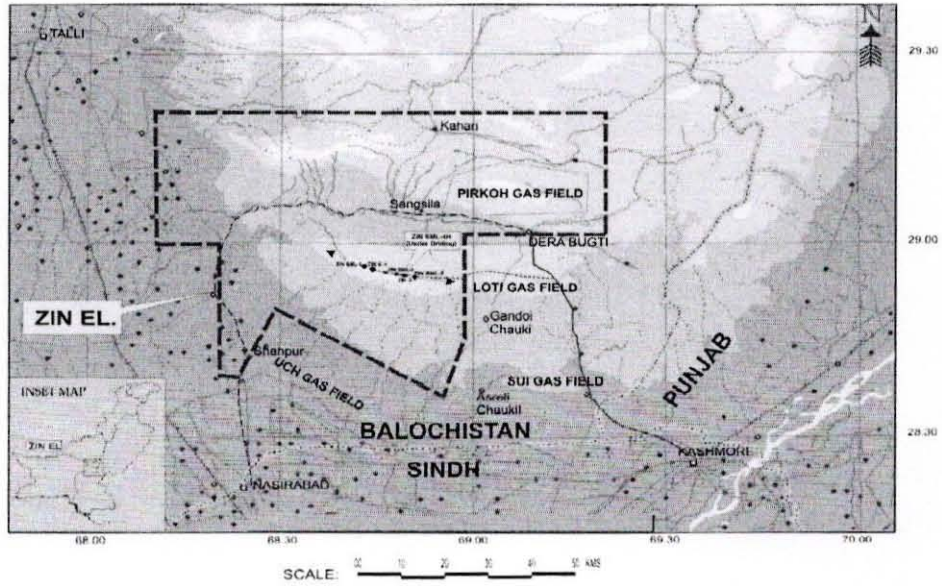


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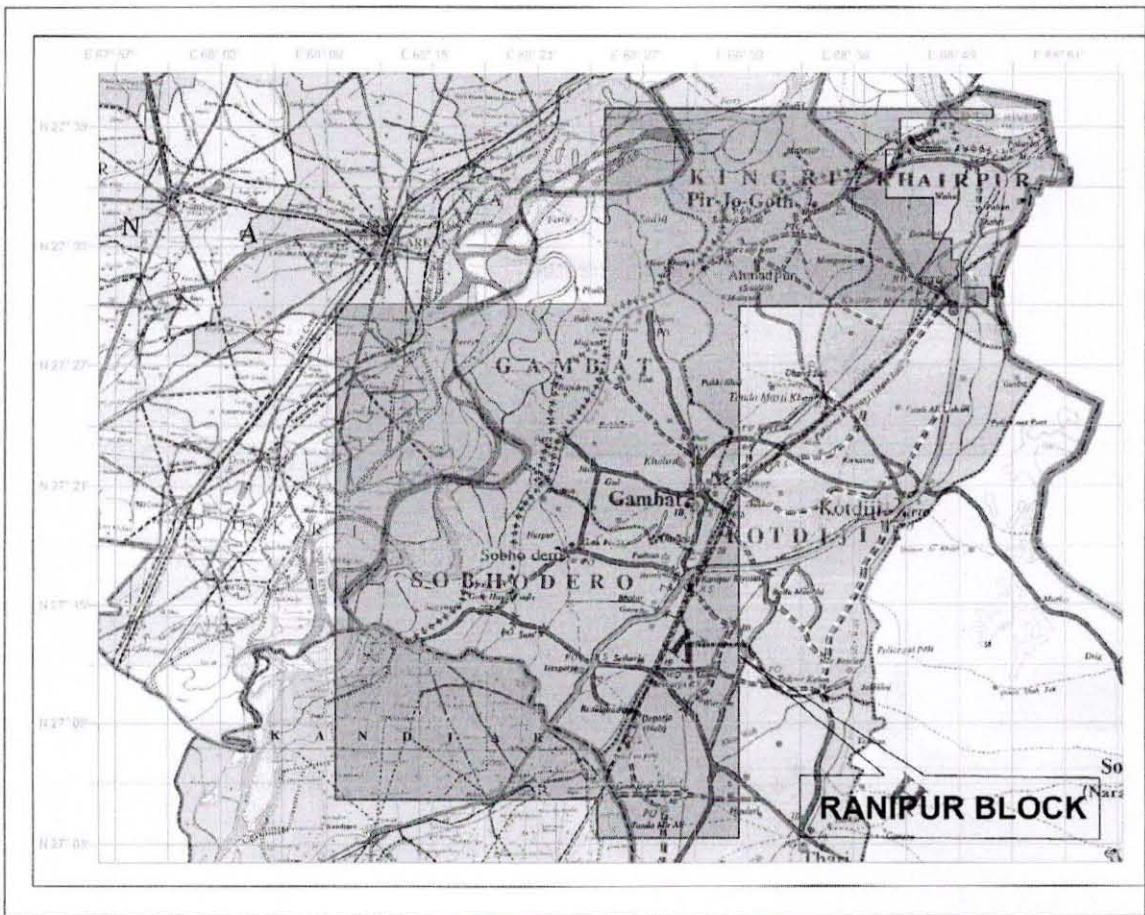




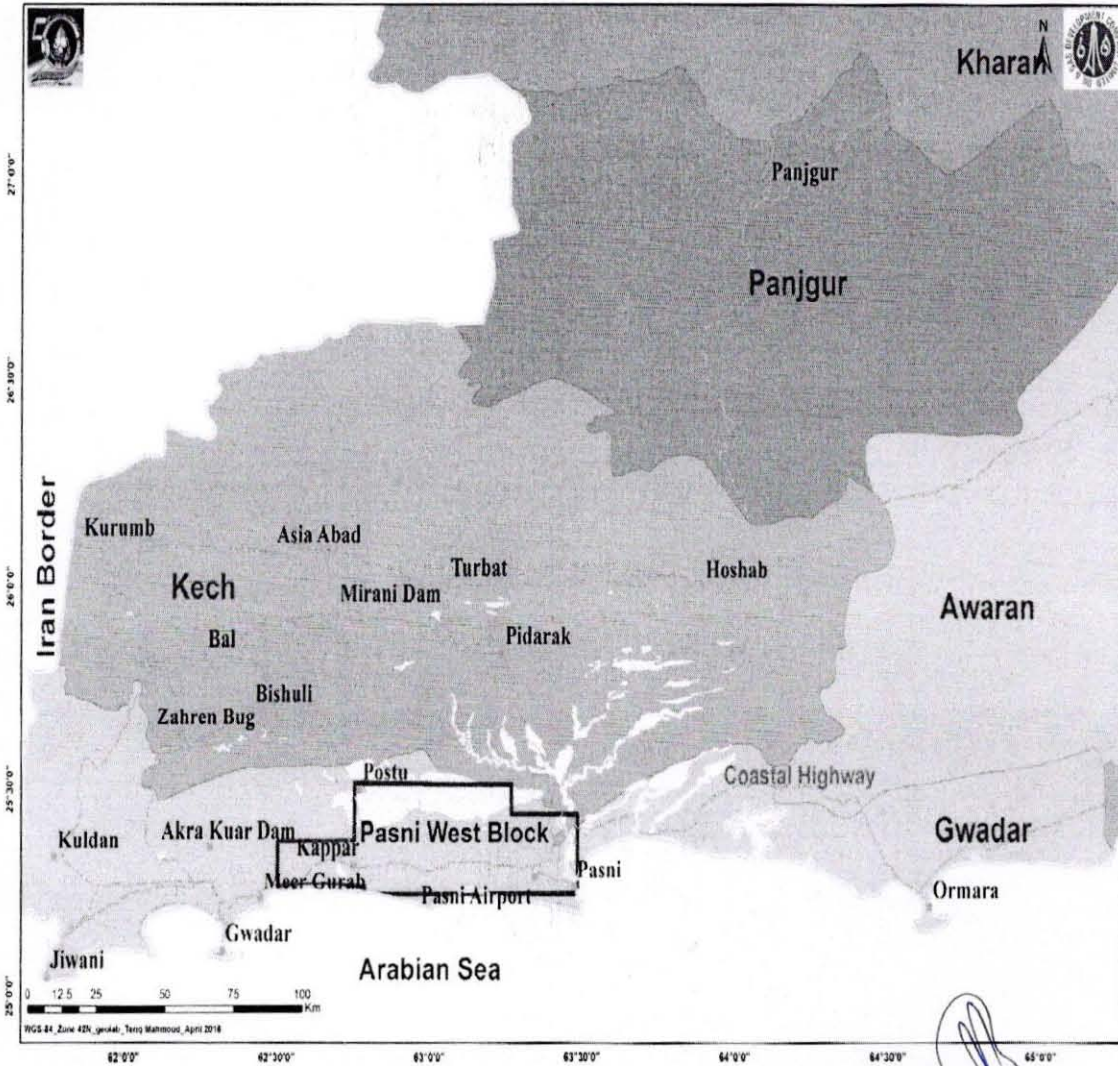
LOCATION MAP OF ZIN EXPLORATION LICENCE  
( BLOCK 2868-1)



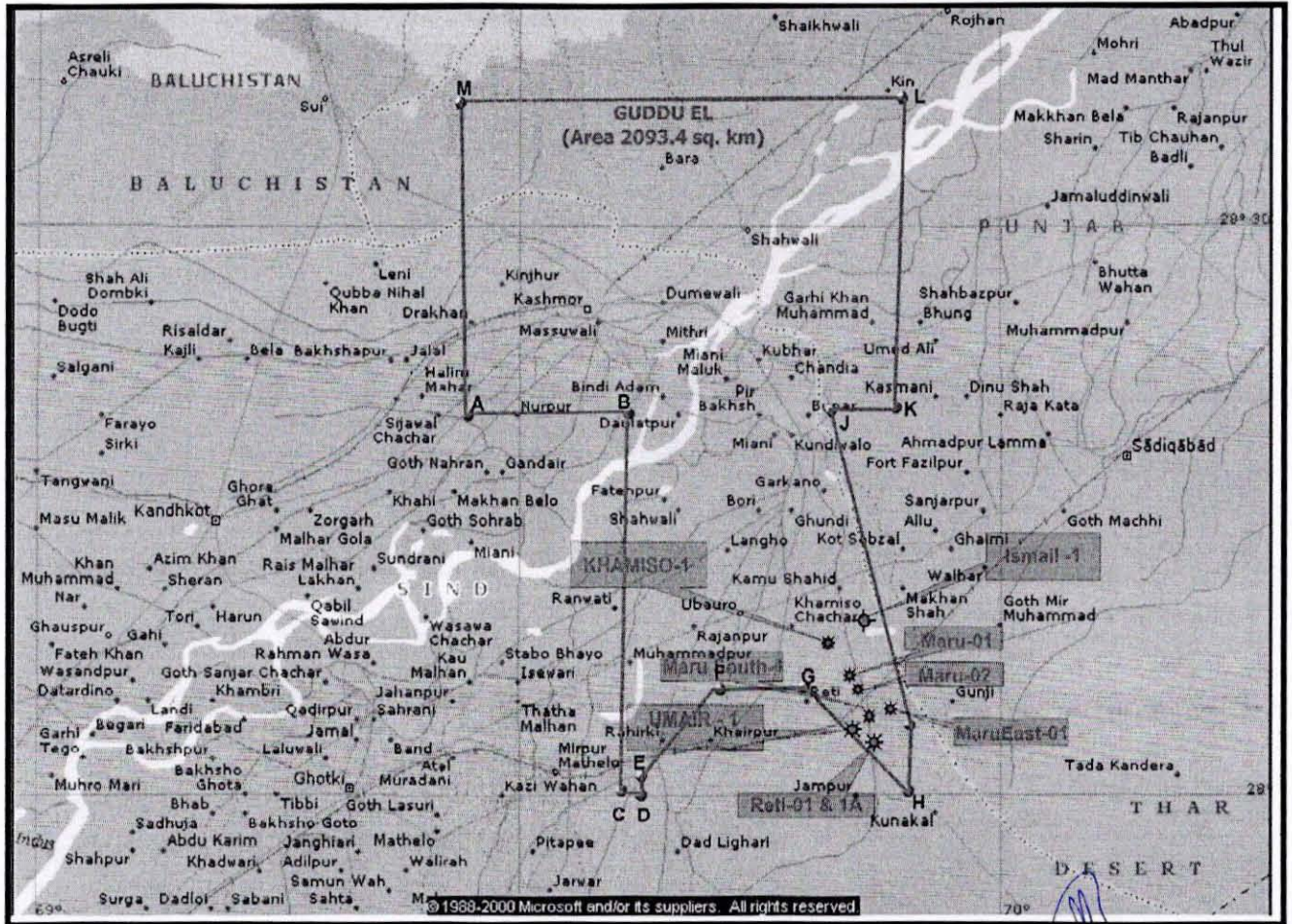




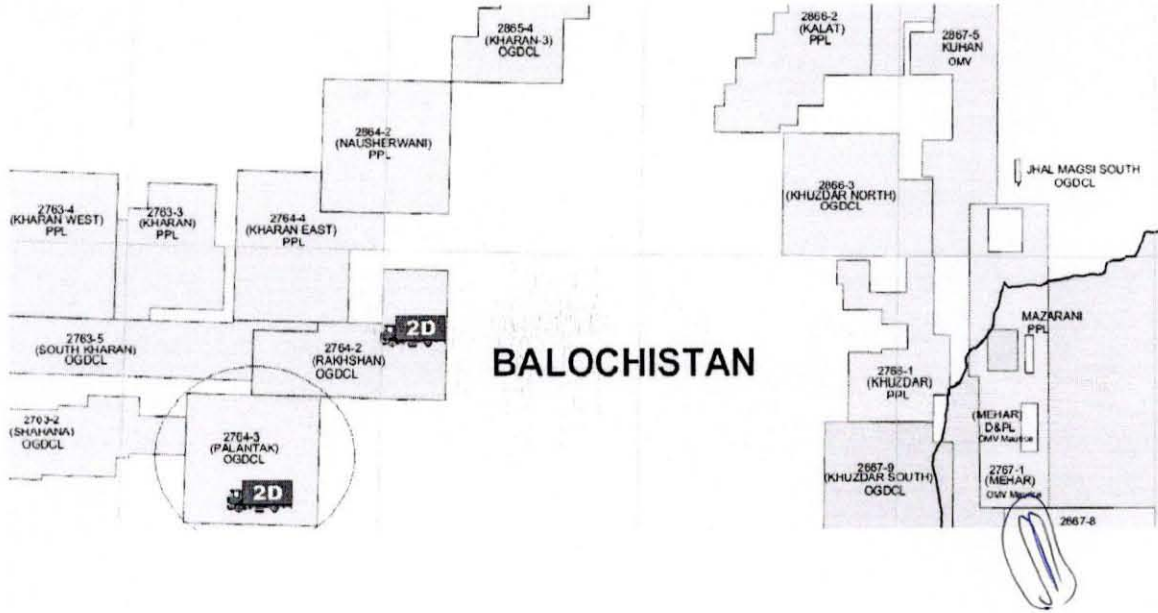
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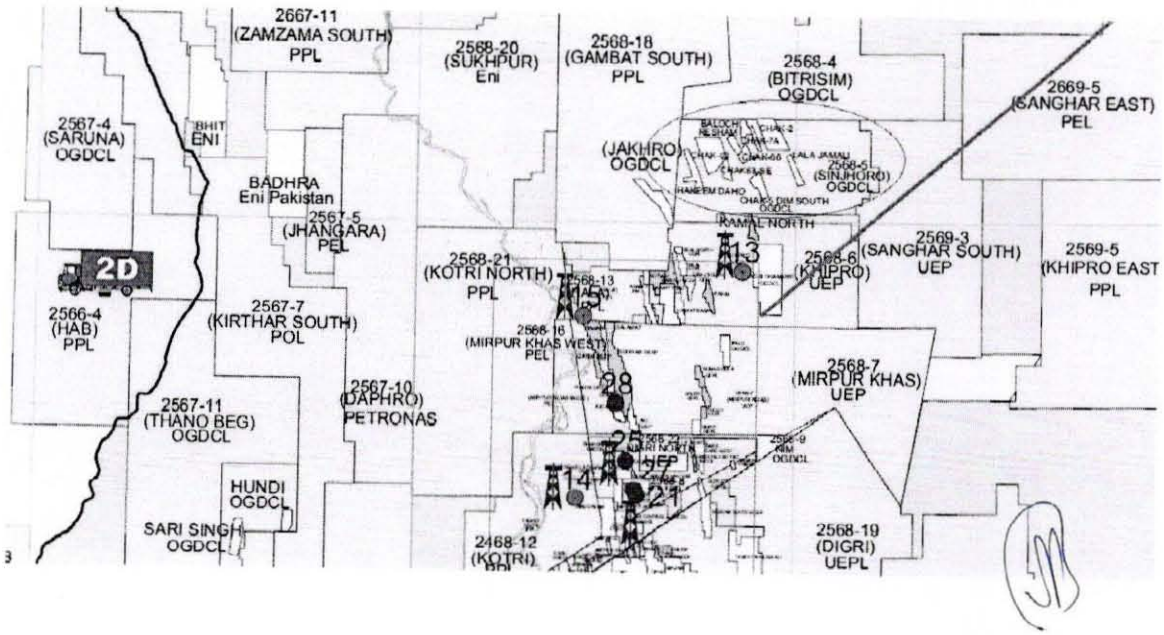


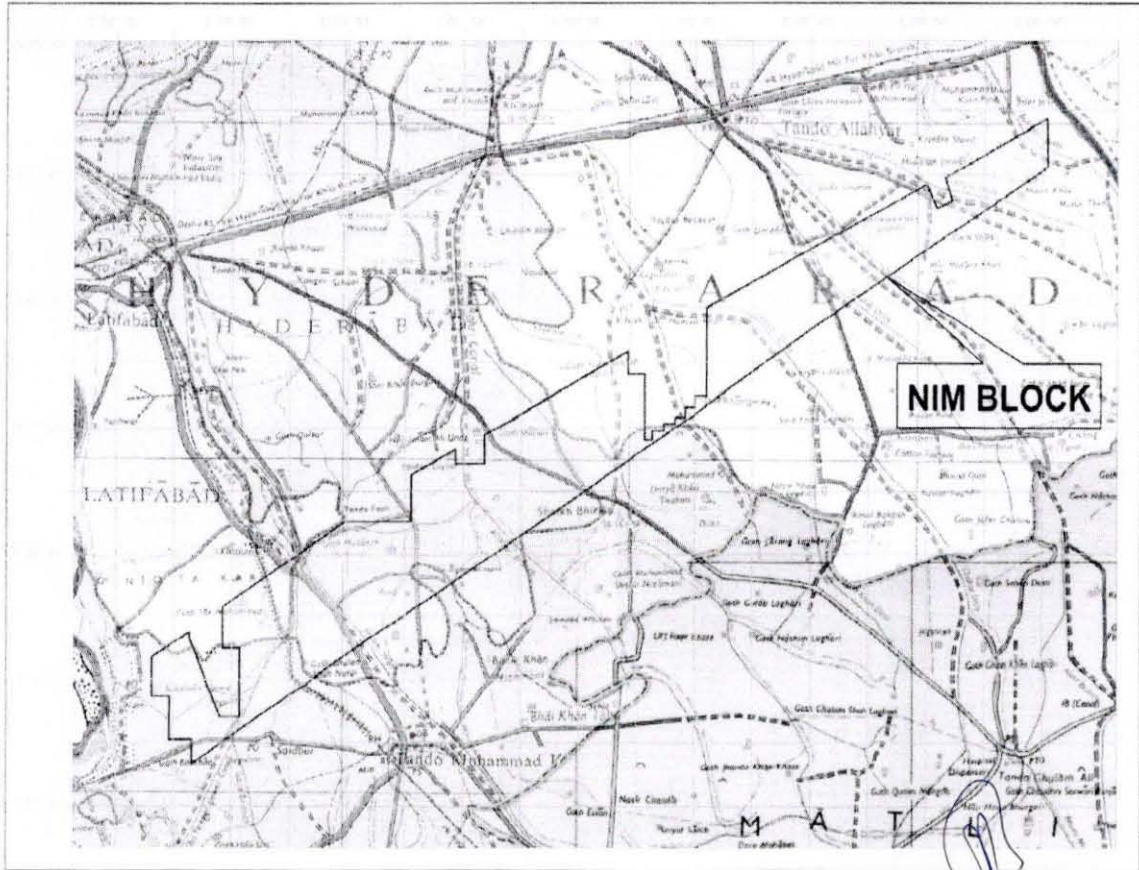
Annexure II



Annexure JJ







**ANNEXURE XX**  
**Application Form**

**01 General**

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**Name and address of company:**

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**Type of Contractor:** (Consortium, Public limited liability, private, limited, private practice, wholly owned subsidiary, sole proprietary, etc.) (Provide Valid Evidence)

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**Date established:** (Provide Certificate of Incorporation)

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**Last annual turnover:** (Provide Valid Evidence/ Audited Accounts for Last 03 Years)

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**Name and address of Contractor's (Lead Consortium Company's or Firm's) Bankers:**

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**Names and addressed of Consortium Member Companies:**

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**Is Contractor registered with Income Tax Department?** (Provide Valid Evidence)

Registration No:

VAT/ NTN/ STRN No.:

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**VAT/ Sales Tax Deposit Amount:** (Provide Valid Evidence for last 03 Years)

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**CEO / Managing Director:**

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**Contact/ Focal Person:**

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**Telephone numbers:**

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**Fax number:**

---

**Email Address:**

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**Notes:**

- Evidence of certificate of incorporation/ company registration certificate required.
- Evidence of Active Tax Payer and attested copy of last 03 years tax returns required.
- If a Consortium is applying for prequalification, then only the Lead Consortium Company should participate in the prequalification process as potential applicant.
- Lead Consortium Company must provide the copy of Consortium Agreement including the Responsibility Matrix delineating the rights and obligations of each Consortium Member Company must be submitted along with the prequalification application.
- Affidavit on stamp paper, declaring that Contractor is not blacklisted by any Government agency/authority (Original required).



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## **Experience (IEE Studies)**

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### **Non-E&P IEE Studies conducted by you since 2015.**

Attach the Clientele List showing Study Title, Client's Address and Tel. No., Number of Team Members, and Duration of Study.

### **IEE Studies for oil and gas exploration & production operations conducted by you since 2015.**

Attach the Clientele List showing Study Title, Client's Address and Tel. No., Number of Team Members, and Duration of Study.





**List of Experts** (Attach complete profiles and portfolios)

#	Name of Expert and Designation	Professional Qualification	Certifications / Registrations	Employed with you since	Total Experience in years
<b>List of Experts Petroleum and Chemical Engineers (oil &amp; gas sector)</b>					
1.					
2.					
<b>List of Chemists and Environmental Analysts</b>					
3.					
4.					
<b>List of Wildlife Experts</b>					
5.					
6.					
<b>List of Socio-Economists</b>					
7.					
8.					
<b>List of Hydrologists</b>					
9.					
10.					
<b>Others</b>					

11.					
12.					

**List of Visiting Experts** (Domain Experts on visiting and/or contractual basis)

(Provide Valid Evidence like NOC)

#	Name of Expert and Designation	Professional Qualification	Certifications / Registrations	Employed with you since	Total Experience in years
<b>List of Experts Petroleum and Chemical Engineers (oil &amp; gas sector)</b>					
1.					
2.					
<b>List of Chemists and Environmental Analysts</b>					
3.					
4.					
<b>List of Wildlife Experts</b>					
5.					
6.					
<b>List of Socio-Economists</b>					
7.					
8.					
<b>List of Hydrologists</b>					
9.					



10.					
<b>Technical Writer</b>					
11.					
12.					







**EPA Registrations**(Provide Valid Evidence)

Registration/ Enrolment/ Enlistment with EPA

#	Name of EPA	Type / Scope of Registration/ Enrolment/ Enlistment	Date of Registration/ Enrolment/ Enlistment	Registration/ Enrolment/ Enlistment Number
1.				
2.				
3.				
4.				
5.				



## Technical Qualification Criterion

Evaluation Aspect		Min. Marks	Max. Points
Experience of conducting IEE Studies	Number of non E&P IEE Studies conducted since 2015; (Minimum requirement is 07 studies, 01 mark for each study; provide complete list of clientele with addresses & contact numbers)	07	40
	Number of E&P IEE Studies conducted for Seismic & Drilling; Oil & Gas Processing Plants since 2015; (Minimum requirement is 07 studies, 03 marks for each study; provide complete list of clientele with addresses & contact numbers)	21	
Qualification, competence and experience of Experts	Petroleum and Chemical Engineers (Minimum requirement is 01 Professional)	3.5	30
	Wildlife Experts (Minimum requirement is 01 Professional)	3.5	
	Socio-Economists (Minimum requirement is 01 Professional)	3.5	
	Chemists/ Environmental Analysts (Minimum requirement is 01 Professional)	3.5	
	Hydrologists (Minimum requirement is 01 Professional)	3.5	
	Biologists (Minimum requirement is 01 Professional)	3.5	
Laboratory Status	Range of Lab Equipment and Capabilities: Physical existence of lab. and equipment for monitoring of emissions/ ambient air quality, effluents, & noise (Own lab. = 15; Outsource lab. operations = 10.5)	10.5	15
Registrations	Registration/ Enrolment/ Enlistment with any Federal/ Provincial EPA Valid Registration = 15 marks Applied for registration/ enrolment/ enlistment = 10.5 (provide valid evidence, duly attested)	10.5	15

**Minimum qualification marks (technical) are 70% of which financial bids will be opened.**

**Note:** Firm has to submit Legal Affidavit showing that it has complete professional ability to carry out PARALLEL IEE Studies in OGDCL's onshore/ offshore Blocks (Leases) at one point of time in different provinces including FATA & other tribal areas.

## OTHER IMPORTANT INFORMATION

### BIDDING METHOD:

Bids against this tender are invited on 'single stage Two envelop"

### AMOUNT OF BID BOND:

Bid Bond /Bid Security amounting to **PKR 84,000/- (PKR 7,000 each study)** is to be attached / provided with the technical bid. Please see Master Set of Tender Document for further details.

### MANDATORY REQUIREMENT

**For online payment to vendors/contractors through (IBFT & LFT). Following info is required from your company: -**

1. IBAN (INTERNATIONAL BANK ACCOUNT NUMBER 24 DIGITS).
2. VENDOR NAME AS PER TITLE OF THEIR BANK ACCOUNT.
3. NTN NO.
4. CONTACT # OF COMPANY CEO/OWNER (MOBILE & LANDLINE).
5. POSTAL ADDRESS.
6. BANK NAME.
7. BANK BRANCH NAME & ADDRESS.

The master set of tender documents (services) uploaded on OGDCL's website ([www.ogdcl.com](http://www.ogdcl.com)) is the integral part of this TOR.

**Bidders are requested to read TOR & Master Set to Tender Documents (Services) and provide complete information / documents including tender annexures with the bid.**

**Following is the link for Master Set of Tender Documents for Services:**

<https://ogdcl.com/sites/default/files/tender%20download/Tender%20Document%20Services%20Press%20for%20Web%20loading-Bid%20Bond%20%26%20PBG%20Extension%20text%20added%20dated%2009-09-2020.pdf>