

sammit



**ADVISORY
SERVICES**

COMPANY FACT SHEET

- Providing services since 1990
- International and domestic clientele
- Industry experts committed to providing qualitative G&G studies and advisory services
- Utilising state-of-the-art software tools to deliver results on schedule
- ISO 9001:2015 certified

SAMIT is a leading service provider to E&P companies in India and beyond

OUR KEY PROJECT LOCATIONS



ABOUT SAMIT

With over 25 years of experience, our expertise extends across various functions in the E&P industry. These include, amongst others:

- Subsurface consulting
- Seismic data imaging
- Data management
- Reservoir studies

Our in house experts, in partnership with external consultants where needed, assist clients in creating and realising value from every opportunity.

With our experience, we advice and assist clients in all the phases of a project starting with short-listing of opportunities to development and preparation of bids as well as a complete gamut of technical studies/exploration and exploitation strategy post allotment.

For DSF-1 bid round, we evaluated 9 clusters comprising of 23 fields - including six offshore clusters for some of our clients.

Some of these clusters have since been awarded to them.

We have also successfully delivered Field Development Plan for 1 Offshore and 2 Onshore clusters as per DGH guideline to a DSF operator.

OUR CLIENTS



KEY ADVISORY PROJECTS DELIVERED

EVALUATION OF BLOCKS FROM DOBA BASIN, CHAD

Evaluation of multiple blocks and regional study of tectonic evolution & depositional environment of the basin, tectonic deformation and structural development, subsidence & hydrocarbon generation modeling, petroleum system delineation and identification and review of prospects; resource estimation & risk analysis; well prognosis

EVALUATION FOR NELP & DSF BID ROUND

Evaluation of several blocks from various NELP bid rounds and the DSF-I bid round

PROSPECT EVALUATION OF BLOCK FROM TANZANIA

Evaluation of one block including regional studies of tectonics to understand petroleum system, hydrocarbon potential and assessment of geological risk; identify gaps in critical data elements etc

EVALUATION OF BLOCKS FROM NORTH AFGHANISTAN

Evaluation of several blocks including structural & stratigraphic interpretation, prospectivity, expected reserve estimation and ranking of the blocks

BLOCK EVALUATION: KG AND CAMBAY BASIN, INDIA

Evaluation of a producing asset from KG basin and several exploration blocks in Cambay Basin which included integrated interpretation, prospect evaluation, identification of additional development/exploration location, volumetric & techno-economics

EVALUATION OF A BLOCK FROM CANNING BASIN, AUSTRALIA

Evaluation of a field with a large number of wells for identification of further exploration and production potential based on analysis of depositional history & petroleum system analysis, petro-physical analysis, play definition & probabilistic reserve estimation

BID PREPARATION SERVICES

1

SHORT-LISTING

We undertake a data room visit to review the information and assess the production and reserve potential of the field/ block and establish priorities for further evaluation.

The Samit Advantage

- Deep knowledge, expertise and understanding of E&P potential of Indian sedimentary basins as well as that of many foreign basins
- Quick assessment of technical merits
- Our experts streamline the potential of the opportunity with the client's strategic requirements

2

PARTICIPATION

Based on the assessment during short-listing, we undertake a detailed due diligence evaluation of assets, guided by the economic potential of investment.

Activities undertaken include review and reassessment of reserve and production potential, designing of viable and pragmatic exploitation and development options, simulation and sensitivity analysis of critical parameters for competitive bidding, techno-economic analysis of various envelopment scenario, finalisation and prioritisation of appraisal/development wells etc.

Farm-in participation recommendation is based on the results from this evaluation.

The Samit Advantage

- Structured and focused approach allows for quick decision-making
- Assessment and alignment of the client's business plans with the economic potential of the asset, participation criteria and regulatory requirements

3

POST ALLOTMENT

We provide detailed technical studies including advance geophysical analysis, static and dynamic modeling, assistance and quality support for appraisal, development location identification and drilling, field development plan, production optimization, IOR/EOR planning.

The Samit Advantage

- Support the client's needs for development and production from the field throughout its life-cycle.
- Evaluation of exploration potential to harness upside potential of the asset

with over twenty five years of experience, the **Samit promise of excellence** delivers high quality results... on schedule.

POST ALLOTMENT SERVICES

1

INTEGRATED INTERPRETATION & FIELD DEVELOPMENT PLAN (FDP) & RESERVES CERTIFICATION

- Integrated interpretation incorporating detailed structural and stratigraphic evaluation along with petrophysical analysis and production information
- Preparation of Field Development Plan (FDP) by incorporating various studies and evaluations that are conducted along with subsurface and surface facilities, evacuation plan, number of wells and type of wells (new and existing wells), logistics and techno- economics
- Reserves Certification

2

ADVANCED STUDIES

Based on the evaluation of available data, Samit can suggest and provide following advanced studies/ services, if found suitable for a particular field, that can add substantial value to the study leading to optimal exploitation of reserves

- Reprocessing of seismic data, if required, to improve upon the structural and stratigraphic imaging prior to interpretation
- Frequency dependent special study (ADF- Alpha Dominant Frequency) for saturation identification
- AVO analysis for identification of sweet spots and assisting confidence in reserve estimation.
- Inversion study to derive valuable elastic properties like Impedance, Velocities and Density away from the drilled wells.
- Rock Physics analysis to integrate rock properties with petrophysical properties for qualitative and quantitative interpretation

3

OPTIONAL SERVICES

Complete drilling program

- casing policy design
- well plan
- mud logging
- mud parameters
- well logging & testing
- well completion programs

Drilling Project Management Services

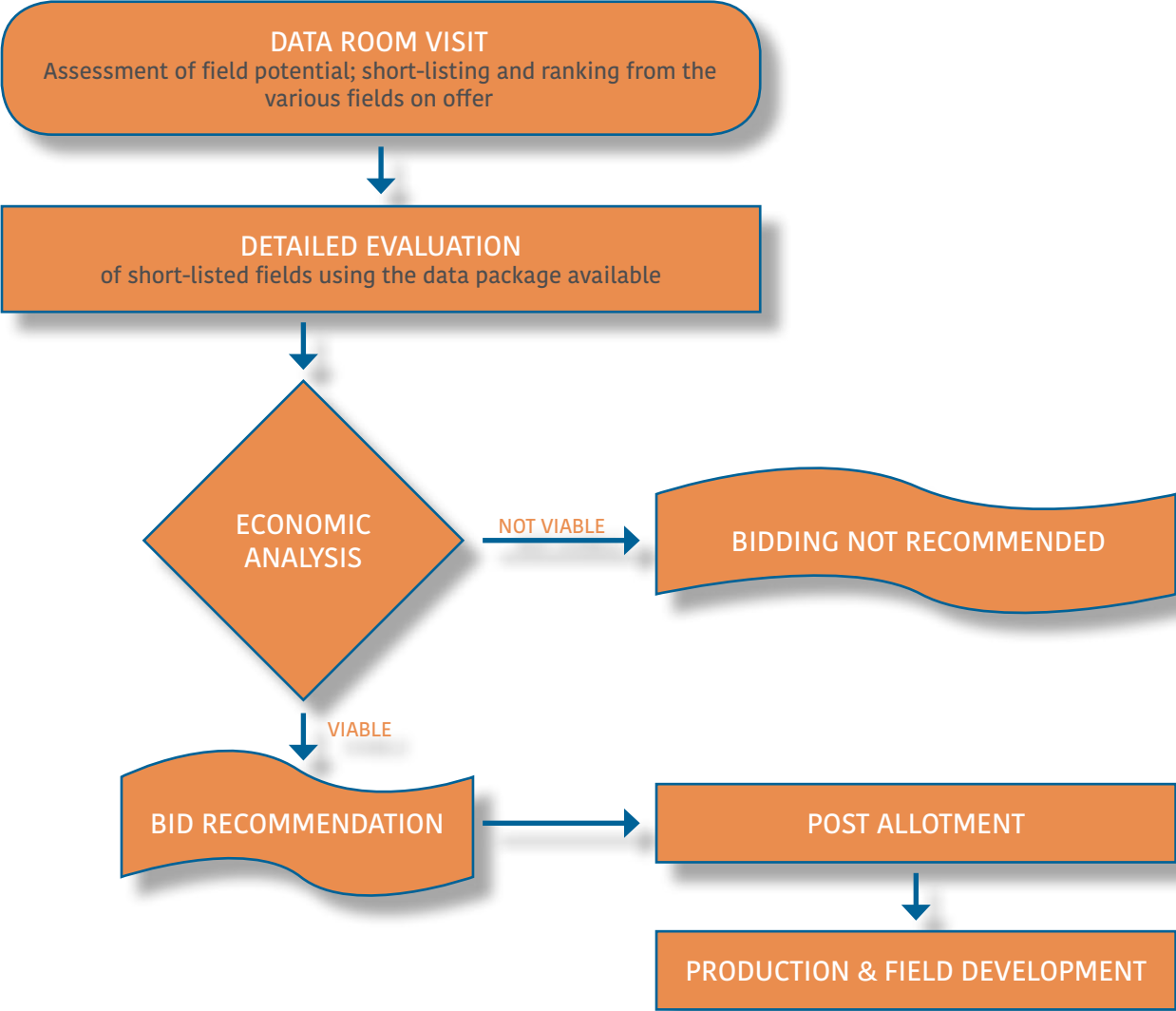
Monitoring the well performance

- abnormalities in producing fluid rates
- volume ratio
- well head and reservoir pressure
- diagnose well problem, and
- plan work-over or completion operations

Identify manpower requirements for operation and back office staff; to collect, document, interpret and generate the data.

Identify gaps in requisite expertise and training needs of existing staff

PROCESS FLOW



FOR MORE INFORMATION, PLEASE CONTACT:

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