



CAIRN LANKA (PRIVATE) LIMITED
(Incorporated in Democratic Socialist Republic of Sri Lanka PV 64688)

**GLOBAL EXPRESSION OF INTEREST / PRE-QUALIFICATION FOR “PROVISION
OF SERVICES TO UNDERSTAND THE STRUCTURAL EVOLUTION OF THE
MANNAR BASIN, SRI LANKA - PREQUALIFICATION 2009”**

Introduction

Cairn Lanka Private Ltd. (“CLPL”) is the Operator of the Offshore **SL-2007-01-001** Contract Area. The Contract Area lies in the Gulf Mannar in deep water, just off the NW coast of Sri Lanka. CLPL is planning to commence exploration activities in the SL-2007-01-001 by January 2010.

CLPL seeks an Expression of Interest from suitably experienced Services Contractors who wish to receive bids to provide Services in support of the study to understand the Structural Evolution of the Mannar Basin. Only Contractors who have a minimum of five years experience in providing the below mentioned Services, shall be considered.

Specifics

Only those Contractors who can comply with all of the following and can, by their submission, demonstrate a successful track record, listing previous projects, current Services projects in progress, clients, and client key contacts who may be approached, in each of the areas below should respond to this Notice. The Contractor must submit details for the following:

- Organisational outline proposal detailing their nominated management, staff, and business process support to carry out the project.
- A demonstrable capability to mobilise and commence work to meet CLPL’s schedule. The Contractor’s experience in mobilising on schedule shall be clearly stated.
- Particular experience of providing analysis.
- A willingness to develop a close long term relationship with CLPL.
- The Contractor must demonstrate that they have sufficient financial standing to commence and continue the project.
- Have an appropriate comprehensive Health, Safety and Environmental management system in place which promotes, aligns with and upholds CLPL’s and the Contractor’s HSE commitments. Details and copies of their certification must be submitted.
- Audited financial statements for the last three years

Services Details

The Contractor shall submit his response to this Expression Of Interest for Services comprise, inter alia, the following:

1. Compile, QC, stitch, process and enhance (to grids and images) all available datasets including offshore gravity and magnetic data.
2. Using current plate tectonic reconstructions and software, identify inter- and intra-plate tectonic events and responses (deformation events in the target area).
3. Develop a kinematic and mechanical model for the structural evolution of the Mannar Basin.
4. Calibrate geophysical/remote sensing datasets (including satellite and shipborne gravity, shipborne magnetic intensity, Landsat, SRTM) to regional and local onshore geological maps in GIS environment.
5. Interpret all georeferenced datasets in GIS environment, and identify terranes (cratons and mobile belts) and their composition. Define succession of structural events in the area.
6. Estimate depth to basement from all appropriate datasets, including wells, cross-sections, magnetic depth inversions and gravity modeling constrained by depth converted seismic interpretation. Modelling to be constrained by tectonostratigraphic interpretation and analysis of available well-logs.
7. Combine structural model and depth to basement estimates to generate valid depth to basement structure contours in the GIS environment.
8. Undertake evaluation of petroleum systems, plays and play elements using the 3D depth to basement model

Interested Contractors who can fulfil all of the Specifics listed above must submit their response including the details and references stated above, in writing and by e-mail not later than 10 (ten) days from the date of this publication. Please also state clearly the particular service / services from the list above. The envelope shall be superscribed with “Provision of services to understand the Structural Evolution of the Mannar Basin,- SL-2007-01-001 - Prequalification 2009” and shall be addressed to:

Director – PSCM.
CAIRN LANKA (PRIVATE) LTD
c/ o Cairn Energy India Pty. Limited
Ground Floor, Tower A, Paras Twin towers, Sector 54, Gurgaon 122 002 Haryana, India
Ph: +91 124 414 1360 Fax: +91 124 288 9320
E-mail: [pscм@cairnindia.com](mailto:pscm@cairnindia.com) Website: www.cairnindia.com