



Energy for India

CAIRN ENERGY INDIA PTY LIMITED

(Incorporated in New South Wales, Australia – ACN 002 066 784)

GLOBAL EXPRESSION OF INTEREST (EoI) FOR WELL PAD ELECTRICAL & INSTRUMENTATION WORKS UNDER LONG TERM RATE CONTRACT FOR MANGALA, BHAGYAM AND AISHWARIYA FIELD DEVELOPMENT

Cairn Energy India Pty Ltd. (“CEIL”) is the Operator on behalf of Joint Venture partners CEIL, Cairn Energy Hydrocarbons Limited and Oil and Natural Gas Corporation, of the Contract Area RJ-ON-90/1 at Barmer in the state of Rajasthan, India. The RJ-ON-90/1 block contains a number of major oil discoveries namely Mangala, Bhagyam, Aishwariya and other fields. The Mangala field is the largest onshore oil discovery in India since 1985. The Mangala field development consists of well pad facilities and processing hub named Mangala Processing Terminal (MPT) which is currently under implementation.

It is now proposed to have an integrated development of the various well pads under Mangala, Bhagyam and Aishwariya with infield and trunk pipeline, OHL and other infrastructure facilities and augment the processing capacity of MPT by addition of new processing equipment. The development activity has already commenced and the tentative completion schedule is by December 2013.

CEIL on behalf of its joint venture partners’ seeks Expression of Interest under International Competitive Bidding Process (“ICB”) from reputed and experienced Fabricators/Contractors (Indian and International) with demonstrated capability and HSE performance for execution of Electrical & Instrumentation (E&I) works. CEIL is interested in Long Term Rate contract with defined Service Level Agreement for the provision of services to cover the scope as briefly defined below. In view of the nature of the scope, only those Contractors possessing the requisite and proven record of performance and having average annual turnover of USD 3 Million in last two (2) years should respond to this notice.

Scope of Work:

The scope of work shall cover E&I works including receipt of free issue materials, storage, pre-fabricate, fabricate, installation, painting, Pre-commissioning of E&I items and packages associated with various well pads of integrated Mangala, Bhagyam and Aishwariya field developments.

The brief scope shall cover the following as minimum to all activities necessary for a successful execution of the contract.

- Installation testing and commissioning of Free-issued electrical items / packages such as packaged substation, transformers, 415V panels, UPS, safe area and classified area power & lighting distribution boards, lighting & small power distribution system, Local Control Stations, EHT and CP System equipment
- Laying of 33kV/415V/240V power and control cables including supply of consumables such as stainless steel cable tags, ties, galvanised cable route markers, fire tapes, fire bricks etc. Glanding and termination of cables as required including supply of lugs, ferrules etc.
- Supply and installation of ladder / perforated galvanised cable trays including supply of proprietary unistrut channels & fixing clamps as required
- Supply and installation of MS painted chequered plates as required
- Supply and installation of Instrument Junction boxes (316 SS), SS316 tubes and Tube fittings, SS-316 Instrument air manifolds (5-way, 10-way), cable glands, earthing cables.

- Supply and fabrication of MS painted steel supports such as for Panels, UPS, LCS, Power & Lighting DBs, LCS, EHT and CP System equipment, E&I cable tray supports, terminal ends cable supports, JB supports, Instrument 2" pipe stands, air piping/tubing supports. Materials required for structural fabrication shall be supplied by the Bidder.
- Supply, installation, testing and commissioning of grounding and lightning protection system.
- Supply of high voltage termination kits
- Supply and installation of safety equipment such as rubber mat, portable fire extinguishers, portable fire buckets, caution boards etc.
- Installation of Free-issued Instrument items like transmitters, gauges, Instrument cabling & termination works, Panel/cabinet installation works, Installation of Instrument containerised room
- Pre-commissioning works like continuity checks, loops checks, Impulse tube/pipe leakage checks, air supply pipes/tube leak checks, calibration checks & re-calibration of instruments as required. Calibration set-up, test benches shall be provided by Contractor at site.
- Contractor to construct and maintain shop floor facility including machinery, transport, material handling equipment, manpower as required for E&I fabrication and erection of E&I panels, packages at the well pads.
- Contractor to consider material handling equipment and machinery availability for simultaneous activities in the shop floor and minimum of four (4) well pads at any point in time.
- Consumables like lugs, ferrules, JB support/panel support bolts/nuts, Instrument stands supports anchor bolts/nuts etc, Teflon tapes, cable ties, welding gases, Calibration/testing gases etc
- Material segregation shall be demonstrated from stages of material receipt thru manufacturing until final erection. Material traceability and welder traceability shall be demonstrated in the documentation.
- Manpower resources shall comprise of skilled, semi skilled and unskilled manpower as required for fabrication and erection of E&I works.
- Trained Welding, QA/QC and HSE personnel shall form part of the manpower team.
- The contract management shall be carried out from work site and Contractor shall be responsible for employing dedicated resources for these activities.
- Material handling equipment shall include Crane, trailer and Hydra as required for erection of E&I packages.
- Provision of trailer transport for movement of materials and machinery.
- Movement of manpower resources within and outside the plant.
- Inventory management and safe keeping of free issued items.
- All utilities such as construction power, water and compressed air.
- Identification of lay down yard requirement for storage of raw material, fabricated items, painting booth and others if any.
- House keeping of the shop and work areas.
- Boarding, lodging, transportation, safety, security of manpower under direct roles and sub contractors employed for the execution of the contract. Company shall not be providing any of the above indicated facility.
- Planning and adherence to Company's project schedule for various well pads.

Exclusions:

- All Instruments, Instrument Containerised room with cabinets/panels, Instrument cables will be free-issued by Company.
- All electrical equipment / packages such as packaged substation, transformers, 415V panels, UPS, safe area and classified area power & lighting distribution boards, lighting & small power distribution system, Local Control Stations, EHT and CP System equipment, Electrical cables will be free-issued by Company.

Only those Contractors possessing substantial and proven track record in execution of E&I works of similar scale with excellent HSE and quality records and who are interested to enter into Long Term Rate Contract should respond to this notice.

Contractor shall have following licenses as per Indian Electricity Rules for carrying out high voltage equipment installation jobs in Rajasthan State:

- "A" license for carrying out high voltage equipment installation jobs
- At least 2 supervisors having valid supervisory competency certificates for supervising high voltage installation jobs

Contractors are requested, as a minimum, to submit the following documents and details:

- A. Letter of interest with detailed company information
- B. Capabilities brochure including details of machinery, manpower and facilities
- C. Lists of similar projects executed in the last five years and those of currently under execution with delivery performance records, job value, client certification, client references etc. (With emphasis of work carried out in Oil and Gas Sector)
- D. Contractor should have average annual turnover of USD 3 Million in last 2 years
- E. Quality assurance/control practices and certifications
- F. Health, Safety and Environment (HSE) policies, certifications, procedures and statistics on HSE performance covering the last four (4) years.
- G. Company's financial performance documents (Audited Balance sheets and Profit and Loss statements etc.) for last 3 years.

CEIL requests interested bidders to submit their Expression of Interest along with pre-qualification documents to the below address within fourteen (14) days of publication of this EoI by email as attached PDF File and via courier to:

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