



**CORRIGENDUM NO.1 TO INVITATION FOR PRE-QUALIFICATION
OF BIDDERS (DETAILED)
FOR PROCESS AND UTILITY FACILITIES AT TOP SIDE AND INSIDE CAVERN ON
EPCC BASIS FOR STRATEGIC STORAGE OF CRUDE OIL PROJECT OF M/S ISPRL AT
MANGALORE, KARNATAKA, INDIA
(PQ DOCUMENT NO.: 6936/PQ-015/09-10/RKS/04)
(INTERNATIONAL COMPETITIVE BIDDING)**

The Invitation for Pre-qualification of Bidders is modified to the following extent:

1. The para three of Clause “2.0 General” of Invitation for Pre-qualification of Bidders is modified to the following extent:

“The words ‘Cross country pipeline and intermediate booster station’ stand deleted.”

2. The brief Scope of Work provided in Clause 3.0 of Invitation for Pre-qualification of Bidders is replaced by following:

“3.0 SCOPE OF WORK:

3.1 The scope of work shall comprise of the following:

- I. Project management,
 - II. Residual basic design, Detail engineering and HAZOP study.
 - III. Procurement, Inspection & Construction
 - IV. Pre commissioning ,Commissioning & performance test
 - V. Obtaining of Statutory approvals.
 - VI. Top Side of Cavern Process Facilities and Utilities
- N₂ Storage /Inert Gas Storage Unit/Flue gas Generator
 - Crude Heating System and heat exchanger
 - Water Softening and Boiler System
 - Service Water System
 - Potable Water System
 - Fire water networks with pumps and tanks
 - Steam system
 - Drainage and sewerage system
 - Effluent Treatment Plant
 - LPG storage system
 - Metering system
 - Flare and blow down
 - Electrical system including receiving facilities, substation, electrical distribution system, transformer panels cables etc
 - Instrumentation including supply of instruments cables etc
 - Control And Safety System(ESD, DCS, Fire And Gas Detection System)
 - Level & temperature transmitters in cavern
 - CCTV System

- Telephone system
- Provision for extending telephone connections of Mangalore cavern to Intermediate booster station & Padur cavern.
- Public Address System
- Instrument and Plant Air System
- Crude Receipt facility
- Despatch Facility consisting of submersible crude pumps
- Diesel generator sets.
- Access control system

VII. Top Side Buildings & Other Works

- Site grading, Compound wall, Fencing, Gates, Roads, Culverts, Slope stabilization etc
- Plant and non plant buildings, Pump house, watch towers etc
- Area lighting and building lighting.
- HVAC, Pressurization systems
- Irrigation system of treated seepage water.
- Pipe racks/pipe sleepers
- RCC cable trenches
- Shaft top cover(RCC slab/structural steel and grating)

VIII. Inside Cavern Shaft Facilities

- Pump casing, submersible crude pumps and Seepage water pumps
- Still wells for instrumentation and instruments
- Concrete plugs on vertical section/shaft
- Supporting of casings of pumps and instruments

IX. Within Cavern Facilities

- Concrete encased perforated piping for crude heating
- Concrete barrier in inlet tunnels.
- Final cleaning of cavern
- Profiling of cavern ,calibration of cavern and preparation of strapping table for monitoring and recording of product volumes in control room
- Charging of water and commissioning of water curtain
- Cavern tightness testing, inertisation and commissioning.

3.2 The above ground work contractor (Part-B) shall interface with the underground contractor (Part -A) for installation of plugs, equipments in the shafts, inside the cavern, and cavern tightness testing.”

3. The sub-clause 5.2.1.1.1 (Commercial experience criteria) is replaced by following:

“5.1.1.1.1 Bidder should have executed and completed at least one or two contracts in hydrocarbon sector/ fertilizer plant through EPCC route, either as single bidder or a leader of a consortium of minimum value(s) as indicated under in the last ten years reckoned from the due date for submission of PQ Bids:

- i) One Contract of minimum value of INR 955 Million or US\$ 20 Million
or

- ii) Two Contracts each of minimum value of INR 610 Million or US\$ 13 Million. “
- 4. The sub-clause 5.2.2.1.1 (Annual Turn over requirement) is replaced by following:
 - “**5.2.2.1.1** Annual turnover of Bidder shall not be less than **INR 1300 Million for Indian Bidders or US \$ 28 Million for Foreign Bidders** as per audited financial results in atleast one of the three preceding financial years upto the due date for submission of PQ bids.”
- 5. Add new sub-clause 5.4.3 after the sub-clause 5.4.2 of Invitation for Pre-qualification of Bidders.
 - “**5.4.3** A bid made by a wholly owned Indian subsidiary of a Foreign company will also be considered provided the Parent Company meets the experience criteria (5.2.1) and financial criteria (5.2.2).

In such case, the following shall be complied and necessary documents from parent company shall be submitted:
 - a) The work under consideration shall either be executed by the Parent Company or shall be executed under the supervision and back-up of the Parent Company.
 - b) The Parent Company shall furnish a corporate undertaking to be jointly and severally responsible with the Indian Subsidiary for due, proper and timely performance of the contract and discharge of liabilities of its Indian Subsidiary in the event of the award of work to its Indian subsidiary.”
- 6. Sale Period of PQ Document : From 02-07-2009 to 19.08.2009
- 7. Last date and time of submission of PQ Bids : 20-08-2009 upto 1200 hrs. (IST)
- 8. Opening of PQ Bids : At 1400 hrs. (IST) on 20-08-2009

All other terms and conditions of the Invitation for Pre-qualification of Bidders shall remain unaltered.
