GLOBAL EXPRESSION OF INTEREST (EoI) FOR PROCUREMENT OF PUMP AND HEATER FOR RAJASTHAN BLOCK

Cairn India Limited (CIL) is the Operator on behalf of Joint Venture partners Cairn Energy Hydrocarbons Limited (CEHL) and Oil and Natural Gas Corporation (ONGC), of the Contract Area RJ-ON-90/1 at Barmer in the state of Rajasthan, India. The RJ-ON-90/1 Block contains northern oil discoveries namely Mangala, Bhagyam, and Aishwarya. Raageshwari gas terminal (RGT) is deep gas processing terminal and located at around 80 Km from Mangala processing terminal (MPT).

CIL on behalf of itself and its joint venture partner's invites Expression of Interest under International Competitive Bidding Process ("ICB") from potential experienced manufacturers (Indian and International both) with proven track record of delivery who wish to receive invitation to tender for below packages:

The scope includes design, engineering, shop fabrication/manufacturing, testing, delivery and Commissioning assistance

<table>
<thead>
<tr>
<th>Package Ref No.</th>
<th>Item Description</th>
<th>Brief Technical specification</th>
<th>Approx. Total Qty</th>
<th>Expected delivery after PO</th>
</tr>
</thead>
</table>
| A               | De-Oiled Pump             | Type of Pump: Horizontal Centrifugal Pump  
Rated flow : 1200 M^3/ hr  
Differential Head : 54 Meter  
MOC: Duplex SS | 1                | 4 Months                        |
| B               | Injection Water Pump      | Type of Pump: Horizontal Centrifugal Pump  
Rated flow : 781 M^3/ hr  
Differential Head : 1260 Meter  
MOC: Duplex SS | 1                | 6 Months                        |
| C               | Injection Water Booster Pump | Type of Pump: Vertical Centrifugal Pump  
Rated flow : 1310 M^3/ hr  
Differential Head : 100 Meter  
MOC: Duplex SS | 1                | 5 Months                        |
| D               | Produced Water Pump       | Type 1 of Pump: Horizontal Centrifugal Pump  
Rated flow : 110 M^3/ hr  
Differential Head : 110 Meter  
MOC: Duplex SS  
Type 2 of Pump: Horizontal Centrifugal Pump  
Rated flow : 220 M^3/ hr  
Differential Head : 110 Meter  
MOC: Duplex SS | Type 1: 4 Nos.  
Type 2: 2 Nos. | 3-4 Months |
<table>
<thead>
<tr>
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<th>Item Description</th>
<th>Brief Technical specification</th>
<th>Approx. Total Qty</th>
<th>Expected delivery after PO</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>Injection Water heater</td>
<td>Type of heater: TEMA NJ21N&lt;br&gt;Shell Side</td>
<td>Tube Side</td>
<td>Fluid</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flow</td>
<td>97775.8 Kg/Hr</td>
<td>1476407 Kg/Hr</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Design Pressure</td>
<td>1800 KPAG/FV</td>
<td>1800 KPAG</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Design temperature</td>
<td>225 C</td>
<td>225 C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ID</td>
<td>1450 mm</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No. and Dia</td>
<td>-</td>
<td>1510 No. / is 25.4 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MOC</td>
<td>BQCS</td>
<td>Alloy 20</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pressure Drop</td>
<td>-</td>
<td>30 KPAG</td>
</tr>
</tbody>
</table>

Only those Companies meeting the following criteria as a minimum should respond to the EOI:

Specific Pre-Qualification Criteria ( “GO”/”NO GO”)

For item A

- Positive net-worth of at least $ 200,000 in each of the immediately preceding two financial years.
- Annual average turnover in each of the immediately preceding two financial years should be $ 2 Mn.
- Liquidity ratio in each of the preceding two financial years shall not be less than 0.75.
- Should have experience in two projects during the last 3 years providing similar types, which includes either off-the Shelf or Designed and Manufactured units.

For item B

- Positive net-worth of at least $ 520,000 in each of the immediately preceding two financial years.
- Annual average turnover in each of the immediately preceding two financial years should be $ 5.2 Mn.
- Liquidity ratio in each of the preceding two financial years shall not be less than 0.75.
- Should have experience in two projects during the last 3 years providing similar types, which includes either off-the Shelf or Designed and Manufactured units.

For item C

- Positive net-worth of at least $ 220,000 in each of the immediately preceding two financial years.
- Annual average turnover in each of the immediately preceding two financial years should be $ 2.2 Mn.
- Liquidity ratio in each of the preceding two financial years shall not be less than 0.75.
- Should have experience in two projects during the last 3 years providing similar types, which includes either off-the Shelf or Designed and Manufactured units.

For item D

- Positive net-worth of at least $ 55,000 in each of the immediately preceding two financial years.
- Annual average turnover in each of the immediately preceding two financial years should be USD One Hundred Fifty Four Thousand Three Hundred Twenty One $ 0.55 Mn.
- Liquidity ratio in each of the preceding two financial years shall not be less than 0.75.
• Should have experience in two projects during the last 3 years providing similar types, which includes either off-the Shelf or Designed and Manufactured units.

**For item E**

• Positive net-worth of at least $320,000 in each of the immediately preceding two financial years.
• Annual average turnover in each of the immediately preceding two financial years should be $3.2 Mn.
• Liquidity ratio in each of the preceding two financial years shall not be less than 0.75.
• Should have experience in two projects during the last 3 years providing similar types, which includes either off-the Shelf or Designed and Manufactured units.

Also Note:

1. Normally standalone financials of the bidding entity only will be considered. However, consolidated financials at the bidding entity level, if available, can also be submitted. Parent company or Affiliate’s financials can be submitted and considered, subject to submission of Parent/ Affiliate company guarantee.

2. In case of consortium, the financials of the leader of the consortium (in whose name the bid is submitted) will be evaluated. However, consortium partner’s financials can also be considered subject to submission of corporate guarantee by consortium partner.

3. Evaluation will be done only on the basis of the published annual reports / audited financials containing Auditor’s report, Balance sheet, Profit & Loss a/c and Notes to Accounts.

4. In case of unaudited statements (if there are no audit requirements for auditing of financials as per the local law), the financials shall be accompanied by a certificate from a Certified Accountant

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

1. Letter of interest along with company information detailing their nominated management, staff, and business process support to carry out a multi-year, major services campaign for all types of operating facilities.
2. Company's Turnover mentioning on company letter head with supporting documents including audited reports.
3. Lists of similar work successfully executed in the last five years and similar projects/agreements currently under execution along with copies of work orders (With particular emphasis on work carried out with Oil and Gas Operators). Completion certificates/ Feedback certificates along with contact details from the earlier projects shall be provided by the bidders.
4. List of current contracts of similar nature with contact details.
5. List of similar projects in oil & gas with Indian customers.
6. Contractor shall showcase its capability & infrastructure by providing details such as project execution & management/ Planning and scheduling methodology, Technical/ Managerial resources availability, Engg. Software/ Technical support availability, Fabrication & Testing capability and capacities along with Procurement capability, Spare capacity and ability to supply within the project schedule based upon current shop floor loading, Supply base in India / Asia / Middle East to extend prompt after sales support etc.
7. List of policies, procedures and quality assurance practices currently in place for the execution of similar work.
8. Health, Safety and Environment (HSE) policies, procedures and statistics covering the last 3 years.
9. Contractor's adherence to legal statutory requirement & corporate financial details for last 3 years.
10. Copies of ISO certifications for ISO 9001, ISO 14001, BS OHSAS 18001 etc.
11. No. of ongoing litigation for last 5 Years
12. LTI track record for last 5 Years.

The interested suppliers should evince interest to participate in the Expression of Interest by clicking on the “Evince Interest” link against the corresponding EoI listing on the Cairn India website and submit their contact details online. Further to this, interested suppliers would be invited to submit their response via Smart Source (Cairn’s e Sourcing Platform). The suppliers would be requested, as a minimum, to submit the above documents and details for prequalification via Smart Source within 14 days of publication of Expression of Interest.