

**EXPRESSION OF INTEREST-EOI
(TECHNICAL)
FOR
ENLISTMENT OF
WATER BATH HEATER
(EIL-ENGINEERED)
(ITEM CATEGORY-12LT)
PACKAGE VENDOR**

Abbreviations:

ASME	American Society for Mechanical Engineers
EPC	Engineering Procurement and Construction
ERP	Experience Record Pro-forma
FDB	Final Distribution Board
GAD	General Arrangement Drawing
ISO	International Organization for Standardization
LCP	Local Control Panel
LG	Level Gauge
LT	Level Transmitter
MTMS	Mass Transfer Mechanical & System
PO	Purchase order
PQC	Pre-Qualification Criteria
PSV	Pressure Safety Valve
SCM	Supply Chain Management
SPRV	Single Point Responsibility Vendor

1.0 Introduction

Engineers India Limited (EIL), a leading global engineering consultancy and EPC organization, invites Expression of Interest (EOI) from competent and experienced agencies for enlistment for Fabrication, Supply Transportation, Erection, Installation, Testing and Commissioning of a Water Bath Heater for various projects in India and overseas.

Accordingly, EIL is carrying out the process of Enlistment of technically qualified and financially sound package vendors having proven expertise in detail engineering, manufacturing, inspection & testing at works, fabrication, supply, transportation, erection, installation, testing and commissioning of Water Bath Heater suitable for industrial applications.

2.0 How to apply for Enlistment

Interested agencies to visit EIL Enlistment Portal <https://enlist.eil.co.in/osems/> to apply for the said enlistment.

The application shall be made through “Supplier” section on EIL Enlistment portal under Item Code – 12LT: Water Bath Heater (Engineered by EIL)

Terms and Conditions shall also be applicable to agencies seeking enlistment with EIL.

Note: Application for enlistment can be filed only on EIL Enlistment Portal.

Applications received through any other mode shall not be considered.

Any query/clarification to this document can be routed to,

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3.0 Background

EIL has diversified expertise in hydrocarbons, petrochemicals, infrastructure, offshore, pipelines, terminals, ports and harbors, defense, infrastructure, non-ferrous metallurgy, industrial buildings and sustainable development projects. With increasing emphasis on rapid construction methodologies, sustainability, quality assurance, modularization and reduced project timelines.

Considering the growing requirement, EIL intends to develop a list of capable package suppliers specializing in Water Bath Heater for upcoming projects.

Vendor of Water Bath Heater Package (Item Category -12LT shall meet the following Qualification and experience criteria as minimum, as applicable for the scope of work briefly outlined below:

4.0 SCOPE OF WORK AND SUPPLY:

4.1 Scope of Work:

Residual Engineering, Procurement of materials & bought-out components, Preparation of Engineering / Fabrication drawings, Manufacture / Fabrication, Inspection & Testing at shop, Packing & Forwarding, Transportation to site, site activities and handover of complete water bath heater package to client.

4.2 Scope of Supply:

a) Engineered & Fabricated items:

- Fabrication of Vessel with internals including Piping (if any) etc. / Skid mounted system

b) Bought-out items (from EIL's sub-vendor list):

- Industrial Burners
- Level Instruments like LGs, LT etc.
- Other Instrumentation items such as Control valves, PSVs, Flow instruments, etc.

5.0 PRE-QUALIFICATION CRITERIA:

Experience criteria in order to qualify for this enlistment shall be as under:

5.1 Vendor on his own must have done Engineering, Fabrication, Procurement of bought out Items and supplied at least two (2) Water Bath Heater Package within the last Ten (10) years to the date of Online enlistment application.

5.2 In case, Vendor on his own does not meet the criteria as specified in Clause 5.1 above, but meets the following criteria in terms of fabrication vessels, procurement of bought out items and supply, he can still be qualified provided meets the following criteria:

5.2.1 Package vendor should be regular supplier of Pressure vessels.

5.2.2 Package Vendor shall have executed in-house, at least Two (2) job, during last 10 years, as on enlistment application date with the following activities/works, on Single Point Responsibility Vendor (SPRV) basis:

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- i) Engineering, Fabrication & Supply of Pressure Vessel(s) with following specifications:
a) Shell thickness $\leq 25\text{mm}$
b) Design & Fabrication as per latest ASME Code.
- ii) The Package Vendor shall have, at its own manufacturing facility, a Plate Bending Machine of 2.0 meters $\times$ 25 mm (min), with a pre-pinching facility.
- iii) Procurement of Instrumentation items such as Control valves / PSVs / Level Instruments / Pressure Instruments / Temperature Instruments etc.
- 5.3** Qualifying Job, as per clause No. 5.1 & 5.2, shall be executed for Hydrocarbon sector (such as Petroleum Refinery, On-shore or Off-shore, Petro-chemical, Oil and gas processing applications).
- 5.4** In case, the main qualifying job does not include the activities 5.2.2 (iii) then the vendor may submit different jobs having the above activities (supplied in the last 10 years), individually.
- 5.5** In the qualifying jobs, the scope of work mentioned in above clause No. 5.2 should have been executed by the vendor himself and sub-contracting of work in the qualifying jobs is not acceptable.
- 6.0 ISO Certifications, agencies shall Possess:**
- ISO 9001 Certification (mandatory)
 - ISO 14001 Certification (optional)
 - ISO 45001 Certification (optional)
- Note: In case of unavailability of ISO:14001 / 45001, supplier shall provide their corporate HSE policy.
- 7.0 Financial Requirements:**
- The package supplier shall furnish audited annual report for last three years and must have positive net worth in last financial year. Central Public Sector Enterprises (CPSEs) are exempted from the requirement pertaining to net worth.
- 8.0 Documentation Required with Enlistment Application:**
- 8.1** Package Vendor shall fill and submit the Annexure-I - Experience Record Pro-forma (ERP) enclosed with this document to establish that the vendor meets the Pre-Qualification Criteria as per above Clause 5.0.
- 8.2** Package Vendor shall submit documentary evidences in support of the qualifying jobs filled in the ERP (Experience Record Proforma). Only the relevant pages of

documentary evidences shall be submitted i.e. the pages, which contains project name, Job No., client names, PO Nos., Vendor names, document/drawing Nos., Signatures / stamps by respective clients / authority and other information required for establishing the criteria specified in this document. Proprietary information & Prices may be hidden in these documentary evidences, before submission.

8.3 The following documents (copies) shall be submitted, as minimum, for each qualifying job. However, vendor shall submit additional documentary evidences, as per requirements and EIL may also request for additional documentary evidences, at a later stage.

- Client's Purchase Order.
- Client's Purchase Requirements (such as scope of work etc.).
- IRN /Client's package receiving letter for supply of items to client's location.
- Approved Drawings of Vessel GAD and internals (if any) inside the vessel.
- Vendor's PO of Instrumentation items such as Control valves / PSVs / Level Instruments / Pressure Instruments / Temperature Instruments etc.

ANNEXURE-I
EXPERIENCE RECORD PRO-FORMA (ERP) FOR PRE-QUALIFICATION
FOR SIMILAR SUPPLY OF GOODS / WORKS / SERVICES

DETAILS OF QUALIFYING JOBS FOR ENLISTMENT OF VENDOR:

S. No.	DESCRIPTION	VENDOR'S INPUTS
1.0	JOB DATA FOR QUALIFICATION, as per clause 5.0 of the Pre-Qualification Criteria:	
(a)	Has the Vendor carried out Engineering, Fabrication, Procurement of Bought Out Items and Execution of the complete Package job, as per qualification requirements in clauses 5.1-of PQC?	
(b)	Has the Vendor carried out Engineering, Fabrication of Pressure Vessel, Procurement of Bought Out Items and Execution of the complete Package job, as per qualification requirements in clauses 5.2-of PQC?	
(c)	Has the Vendor carried out Procurement of bought out items in one package job or in different jobs as per qualification requirements in clauses 5.2.2 iii of PQC?	
	For the qualifying job, considered above, the details of the job shall be filled in the format below in S. No. 2.0 at page No. 2 of this ERP.	

Place:
Date:

[Signature of Authorized Signatory]
Name:
Designation:
Seal:

S. No.	DESCRIPTION	VENDOR'S INPUTS
2.0	DATA OF THE QUALIFYING JOB (To be filled for each qualifying job)	
2.1	Name & detail of the package	
2.2	Name of the Client company with address & their contact person with designation, job title / dept., email address & telephone number	
2.3	Name of the Intermediate / Consultant company (if any)	
2.4	Date of award of contract (as per PO)	
2.5	Date of Supply at client's location (as per client's receiving letter)	
2.6	Vendor's Scope of work, as per Client's Purchase Requirements (Refer Legend & Indicate corresponding No.)	
2.7	Documentary evidences submitted for this package	

Legends:

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|--|---|
| 1: Mechanical Design of vessel | 5 Fabrication of Piping |
| 2: Engineering and Fabrication detailing of vessel | 6: Procurement of Control valves / PSVs |
| 3: Fabrication & Testing of vessel | 7: Procurement of Electrical items |
| 4: Design / Engineering of Piping | 8: Procurement of Instrumentation items |

Place:
Date:

[Signature of Authorized Signatory]
Name:
Designation:
Seal:

NOTES:

1. This pro-forma duly filled-in, stamped and signed shall be submitted along with the enlistment application. The Supply/Work/Services completed beyond stipulated qualifying period need not be indicated here.
2. The References of Supply/Work/Services, not of similar nature shall not be indicated here.
3. Since the information requested in this pro-forma shall be utilized to assess the vendor's capability, it is in the interest of the vendor to pick those jobs out of the total executed jobs which are most closely matching with the PQC requirement. The vendor shall also ensure that all information asked for is furnished and the same is correct and complete in all respects. Any mis-representation of the facts & figures shall lead to disqualification of enlistment.
4. For the referred installations, EIL may contact the client personnel for verification & feedbacks, if necessary.

Place:
Date:

[Signature of Authorized Signatory]
Name:
Designation:
Seal: