

PRE-QUALIFICATION REQUIREMENTS

Following are the pre-qualification requirements (PQR) for the vendors who are not registered with BHEL-Hardiwar for supply of Ignition Gas Cylinder Heating System. Offer of registered vendors (i.e. registered for supply of JOP) shall be processed according to their registration status with BHEL at the time of opening of price-bid.

Sl No	Pre-Qualification Requirements	Vendors Confirmation Indicating page no. where documents are placed
This requirement is for the vendors who are manufacturing or supplying Ignition Gas Cylinder Heating System along with heat tracing of pipings of Gas Turbine		
1.	Vendor should have engineered and supplied at least one contract for supply of Ignition Gas Cylinder Heating System for gas turbines. This system shall be used for heating of ignition gas/ LPG cylinders (approximate size: diameter 0.318M & height 1.3M, placed in a room) and for heat tracing of ignition gas pipings of gas turbines. Required minimum and maximum temperatures of gas heating shall be 58°C & 70°C respectively (excluding heating losses and the cut off temperatures settings for safety against excessive heating).	
2.	The scope of supply shall include complete ignition gas cylinder heating system and heat tracing of ignition gas piping. Major components of the system are internally wired control panel, inter-equipment control and power wiring, heat tracing pads/cables, cable connectors, Insulation on pipelines, fixing tape, temperature sensors, junction boxes, clamping material of JB's, cable glands, fasteners.	
3	Vendor should have experience of supplying electrical equipment for hazardous area classification minimum Zone 2, T3, gas group IIA or IIB as per IP codes and IEC 79-12 or equivalent internationally recognized standard.	
4.	All items including instruments & controls shall be of reputed make with reliable operation and make shall be subject to BHEL approval. No item as per Indian Standard shall be accepted.	
5.	Monitoring of temperature & fault in our DCS.	
6.	Separate offer for supervision during erection and commissioning of the system as per commercial terms & conditions of Marib-II project in Yemen is to be furnished.	
7.	Vendor is to submit the experience list, PO copies and End user certificate for electrical heat tracing system with operating parameters as mentioned above or higher.	
8.	Vendors to submit Quality Plan in enclosed Quality Plan format.	
9.	Inspection by Third Party Inspection agency (LRS/ BV/ TUV) in case of import supply; BHEL nominated inspection agency TUV/ Quest in case of indigenous	

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	supply and customer as per customer approved Quality Plan.	
10.	<p>Scope of Third Party Inspection agency for Ignition Gas Cylinder Heating System Spec no.: GT 57002 & its Addendum – 1.</p> <p>A) Review of:</p> <p style="padding-left: 40px;">i) All Type test Certificates.</p> <p>B) And witnessing of:</p> <p style="padding-left: 40px;">ii) All routine / Acceptance tests including Sea – Worthy Packing.</p>	
11.	Ordering on BHEL approved vendor.	
12.	<p>Please submit following documents in support of above confirmation:</p> <ol style="list-style-type: none"> 1. Copies of Un-priced purchased orders (PO). 2. Test certificates, duly co-relating PO No.: 3. Certificate issued by third party inspection agency after inspection (If any), duly co-relating PO nos. 4. Copies of end user certificate (issued by owner of plant), indicating the date of commissioning of the plant and successful operation of Ignition Gas Cylinder Heating System supplied, duly co-relating PO no. 	
13.	<p>Bidder should submit original ink signed, filled in Supplier registration form (SRF) which should be complete in all respects.</p> <p>Bidder should ensure that all documents as asked for in SRF, have been submitted.</p> <p>In case the principal manufacturer employs any agency/agent/representative, their details should necessarily mentioned in SRF and agency agreement indicating their charges, if any & their scope/involvement, should necessarily be submitted along with SRF.</p> <p>Further, please note that, in case of order, the same will be placed only on Principal / manufacturer only.</p>	
5	<p>Supplier Registration form (SRF) should necessarily be supported with following documents:</p> <ol style="list-style-type: none"> 1. Company profile 2. Experience / List for the same or similar equipment supplied to power plant utility, which should necessarily indicate year of supply, quantity supplied, Name of Power plant, capacity of Power plant (indicating unit capacities) and Capacity & type of pump supplied. 3. List of Manufacturing and Testing facilities 4. D&B report 5. Documents duly vetted by auditors in support to financial data indicated in SRF. 6. Document in support of information / Statement mentioned in SRF. (e.g. if bidder are ISO certified, enclose copy of ISO certificate etc). 	

Notes:

1. BHEL would consider the offers and open the price bids of only those bidders, who fulfill the Pre-Qualification requirements (PQRs) and are successfully registered at BHEL, Haridwar for this item (within the validity of their bids).