

EOI No: NPCIL/PRD(UGP)/2018/01

INVITING EXPRESSION OF INTEREST AND REQUEST FOR PROPOSAL

FOR

MANUFACTURING OF DISTILLATION COLUMNS, INTERNAL PACKING WITH PHOSPHOR BRONZE (PB) WIRE MESH MODULES, TESTING, PERFORMANCE EVALUATION, TRANSPORTATION TO RESPECTIVE SITES AND ERECTION OF DISTILLATION COLUMN ASSEMBLIES FOR NPCIL PROJECTS

NPCIL clarifications against further queries from the bidders

SL No	BIDDER'S NAME	BIDDER'S QUERY	NPCIL CLARIFICATION
1	Walchandnagar Industries.	Scope: Manufacture of PB Wire Mesh in lots & Bands: 1) Drgs and Technical specifications are required 2) Contact details & Name of suppliers having capability to manufacture and deliver.	Details will be provided to successful vendors as part of Technology Transfer. Contact details will be provided in the tender to be issued for executing the complete scope of work for PB wire mesh packed distillation column assemblies
2	Walchandnagar Industries.	Scope: Activities carried out by HWD Name & contact details of related officer of HWD/ BARC, who can share details for development of infrastructure & facilities and activities such as * Fabrication of PB wire mesh modules * Required Ultrasonic technology for cleaning of modules- * Internal packing of each column section * Activation of packed column sections * Testing & Performance evaluation of column sections (witness by NPCIL or HWB) * Commercial offer for above activity	Details will be provided to successful vendors as part of Technology Transfer.
3	Walchandnagar Industries.	Technology Transfer: Whether NPCIL will be the nodal agency for coordination? Please confirm.	Yes
4	Walchandnagar Industries.	Para 3.1 Drawing: Drawing GHAVP 1&2 - to be provided since not attached as stated.	Drawing is uploaded in the website www.npcil.nic.
5	Walchandnagar Industries.	Para 3.1 Design: In house design capability - Is it a mandatory requirement?	In house design capability is desired for execution of the total job.
6	Walchandnagar Industries.	Para 3.1 Erection: Erection of the 14 sections at site is in the scope of work? If yes, then can the site provide all associated material handling facilities for erection?	Erection of Column at site is included in scope of work. Crane, if available, will be provided on chargeable basis.
7	Walchandnagar Industries.	Para 3.2.1 Delta P: Delta P across the PB wire mesh is governed by the design. Manufacturer can ensure the fabrication aspects.	Manufacturing of PB wire mesh and acceptance criteria for the wire mesh shall be strictly as per technical specifications to be issued in the Tender / Technology transfer document.
8	Walchandnagar Industries.	Para 3.2.1(d) assembly: Drawing: What is the requirement of planarity of the individual module?	Requirement will be given in the Technology transfer document / Specification.
9	Walchandnagar Industries.	Para 3.2.7-Utilities: These will be arranged post PO?	Utilities will be required for execution of the work by the successful bidder after award of contract.
10	Walchandnagar Industries.	Para 3.2.11: Noted. Can be arranged after placement of PO?	Infrastructure requirement specific to fabrication, activation and testing will be required for execution of the work by the successful bidder after award of contract.
11	Walchandnagar Industries.	LPI & RTI Examination: Provide technical specifications	Details will be provided to successful vendors as part of Technology Transfer.
12	Walchandnagar Industries.	Vacume Hold Test for Assembly : Provide technical specification	Details will be provided to successful vendors as part of Technology Transfer.

SL No	BIDDER'S NAME	BIDDER'S QUERY	NPCIL CLARIFICATION
13	Walchandnagar Industries.	HLT for Re-boiler & Reflux Condenser: Provide technical specification	Details will be provided to successful vendors as part of Technology Transfer.
14	Walchandnagar Industries.	Alignment Check for Column Sections: Is it by Optical method or by any other method?	Alignment check for column section can be done using optical or by any other suitable technique subject to approval by NPCIL.
15	Walchandnagar Industries.	Cleaning Modules by Ultrasonic Machine : Provide technical specification of UT Machine	Details will be provided to successful vendors as part of Technology Transfer.
16	Walchandnagar Industries.	Oil free Vacuum Pump : Provide technical specification	Details will be provided to successful vendors as part of Technology Transfer.
17	Walchandnagar Industries.	Water ring Vacuum Pump : Provide technical specification	Details will be provided to successful vendors as part of Technology Transfer.
18	Haver Standard	Whether approx. 80 MT & 60,000 sq. meter of PB wire mesh is required for 238 nos. of PB wire mesh Modules for each distillation column assembly (sl. No. 9 at page 2 of 14 in the EOI document)	80 MT & 60,000 sq. meter of PB wire mesh is required for 4 nos. of distillation column assembly (i.e. for 4 X 238 nos. of PB wire mesh Modules)
19	Kay Bauvet Engineering Ltd. (sl. No. 9 of NPCIL clarifications uploaded 03.12.2018)	Technology shall be purchased from BARC after receipt of confirm order from NPCIL.	Pl. refer sl. no. 6 (page 14 of 14) of EOI document. The technology know-how will be transferred by BARC to the qualified vendors on payment of Technology transfer fees. After completion of the process of Technology transfer, limited tender for manufacture, testing, supply and erection at respective sites for the complete distillation column assemblies for six projects, i.e. 24 nos. of distillation column assembly, will be issued by NPCIL only to the qualified bidders who have acquired the technology from BARC.