


**Pre-Qualification Requirement (PQR) Rev-01
(CONDENSER WATER CHAMBER)**

Sl.No.	DESCRIPTION	Requirement	Vendor to specify
1	Details of past experience in machining and drilling of similar jobs including job executed and under progress, in last the five years.	PO Copy/Job Completion Certificate	Vendor to confirm and furnish.
2	Inhouse Facility a. Machining: -Horizontal floor Borer /VMC, no more than two settings are allowed for machining. b. Spotting: - Spotting of holes on CNC/DRO (digital record output) no more than two settings are allowed for spotting (Magnetic drilling machines not acceptable) c. Drilling after spotting and Tapping of holes can be done on Non-CNC machine subjected to proper leveling of job. d. Machine should be able to accommodate job of size (H x W x L, 500X3800X 5500mm).	Vendor to specify the machine details.	Vendor to confirm.
3	All measuring instruments and inspection tools to be in good working condition and suitably calibrated.		Vendor to confirm
4	Vendor should have adequate space and crane capacity for machining and drilling of Water chambers.		Vendor to confirm

1. After satisfactory, fulfilment of the all the above criteria/requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.
2. All documentary evidences along with this PQR shall be duly signed and stamped by authorized person.
3. BHEL reserves the right to verify the information submitted by the vendor. In-case any information is found to be false or incorrect the offer /Purchase order shall be rejected at any stage.

**Relaxation in PQR provided under MSE or Start up as recognized by DPIIT- NO
(Being in critical Drilling)**


नावल किशोर / Navel Kishor
अभियंता / Engineer
एच. सी. एम. आयोजना / HCM Planning
बी.एच.ई.एल. भोपाल / BHEL, BHOPAL



हरिमान मीना / HARIMAN MEENA
प्रबंधक / Manager
एच. सी. एम. विभाग / HCM Division
बी.एच.ई.एल., भोपाल / BHEL, BHOPAL


पंकज निमजे / PANKAJ NIMJE
उप महाप्रबंधक / DGM
एच. सी. एम. विभाग / HCM Division
बी.एच.ई.एल., भोपाल / B.H.E.L., BHOPAL

Technical Annexure-01 Rev-01

Scope of work for Machining and Drilling of Condenser Water Chambers

1. In house Machining/drilling operations for four (2RS & 2LS) Nos of condenser water chambers:
 - A. Flanges machining water chambers should be done on maximum two setting.
 - B. Spotting: - Spotting of holes on CNC/DRO (digital record output) no more than two settings are allowed for spotting (Magnetic drilling machines not acceptable).
 - C. Drilling and Tapping of holes can be done on Non-CNC machine subjected to proper levelling of job.
 - D. Vendor shall have the flexibility to drill holes in 02 or more steps. However final size to be achieved only either by core drilling or reaming.
 - E. Machining, Drilling and Tapping are to be done strictly as per respective drawings (01601870029 & 01602370025)
2. Surface finish requirement as per drawing. Proper levelling to be ensured.
3. All the dimensions shall be maintained as per the drawing.
4. **Painting:** Steam washable paint on machined surface only. Steam washable paint is to be issued free by BHEL as per requirements.
5. Any drilling & machine tools, Jigs and Fixture shall be in vendor scope. Measuring instrument to be used shall be duly calibrated.
6. Transport of Materials. (Transportation To & Fro in vendor's scope)
7. All the dimensions shall be maintained as per the drawing.
8. Inspection by BHEL appointed Third Party (TPI)/BHEL QC.
9. Scrap deduction at the rate of 28.5/kg.
10. Vendor to seek confirmation from BHEL for latest drawings before the start of machining.
11. Recovery of cost of material in-case of any damage to item.
12. Qty may vary as per BHEL's requirement after the placement of PO.
13. Following assembly drawings are to be referred: -
 - A. Water Chamber (R.S):01602370025
 - B. Water Chamber (L.S) :01601870029


नाresh
मुख्य अभियंता / Principal Engineer
एच.सी.एम. आयोगना / HCM Phosphate
बी.एच.ई.एल. भोपाल / BHEL, BHOPAL


हरिमान मीना / HARIMAN MEENA
प्रबंधक / Manager
एच.सी.एम. विभाग / HCM Division
बी.एच.ई.एल., भोपाल / BHEL, BHOPAL


पंकज निमजे / PANKAJ NIMJE
उप महाप्रबंधक / DGM
एच.सी.एम. विभाग / HCM Division
बी.एच.ई.एल., भोपाल / B.H.E.L., BHOPAL