

CHECKLIST TO PI – 241101078

BHEL BHOPAL	SPECIFIC CONFIRMATION REQUIRED FROM SUPPLIER	CHECKLIST NO. CL/CDE/114
DOUBLE TUBES		
S. No.	TECHNICAL REQUIREMENTS	CONFIRMATION / COMMENTS OF SUPPLIER (YES / NO)

- 1.0 **Material of construction of Inner & Outer Tubes:** Yes / No
As per the enclosed Annexure-A & B to the subject PI.
- 2.0 **Tube size & dimensional tolerance:** Yes / No
As per the enclosed Annexure-A & B to the subject PI.
- 3.0 **Manufacturing Process:** Yes / No
Tubes shall be made by seamless process and shall be cold drawn.
- 4.0 **Surface Finish:** Yes / No
Surface finish Inside & Outside of
un-finned Portion: Smooth surface to 1.6 Microns.
- 5.0 **Heat Treatment:** Yes / No
As per Code.
- 6.0 **Chemical Composition:** Yes / No
As per the Mat. Spec. be checked by product analysis.
- 7.0 **Mechanical Test:** Yes / No
As per the Mat. Spec.
- 8.0 **Base Tubes:**
- a. Inner Base tubes to be procured from BHEL approved sources:-
M/s Multimetal/Metal Alloy/ITM/Mehta Tubes only. Yes / No
- b. Outer base tubes to be procured from Fin Tubes
Manufacture's established sources meeting Note-12 of
QAP CDE-14-3037 Rev.06. Yes / No
- Name of the outer base tube supplier along with
the credential furnished. Yes / No
- 9.0 **Inspection & Certification:**
- a. Agency : BY BHEL QC / BHEL APPOINTED INSPECTION AGENCY.
- b. Checks : Stage and final inspection as per Yes / No
the approved quality assurance plan.
- c. All QAP requirements Yes / No
(as mentioned in enclosed BHEL QAP CDE-14-3037 Rev.06)
shall be met fully.
- 10.0 Drawing of the double tubes shall be furnished after placement of PO
for approval from BHEL Yes / No
- 11.0 Hydro testing (as stated in the QAP) Yes / No
- 12.0 **LIST CLEARLY FOR DEVIATION IF ANY FROM**No Deviation
BHEL REQUIREMENTS. OTHERWISE IT WILL
BE PRESUMED THAT THE OFFER IS IN LINE
WITH THE ENQUIRY / PO REQUIREMENTS.
is in line with our requirements.

Special Note

- 1.0 Item description is already there in the enquiry. Hence BHEL shall not consider any item description details (given by supplier in their offer) while reviewing the technical bid. Hence it is advisable not to mention / repeat the same any-where in the offer. **In the technical part, supplier to only fill the above checklist and mention for specific deviation (giving Clause reference of Applicable Spec.) if any.**
- 2.0 In case of any ambiguity between this checklist, drawing & QAP, QAP shall govern finally.