

**Tender-1502400022/2024_BHEL_43411_1 - Procurement of Seamless SS tubes SUP304- NTPC projects****Kannan, Manager/MM/Tubes Purchase** <mkn@bhel.in>

Thu, Jan 16, 2025 at 2:28 PM

To: Satyendra Mishra <mtcpl@maximtubes.com>, "Maxim Tubes Co. Pvt. Ltd." <mr@maximtubes.com>

Cc: Dinesh Karunakar K <dinesh_kk@bhel.in>, Bhaskarnath Biswas <bhaskarnath@bhel.in>, "K Udaya Kumar(Manager/MM/RM/HPBP)" <udayakumar.k@bhel.in>, K Bhuvanadevi/Sr Mgr/MM Plng/ HPBP <bhuvanadevi@bhel.in>, "Ramesh Kumar P K(Sr Dy GM/DTG/HPBP)" <pkramesh@bhel.in>, pspandi@bhel.in

Sir,

Hearty congratulations to your team.

M/s Maxim is approved by NTPC with the following conditions

M/s Maxim Tubes Company Pvt Ltd (works address : Survey- 105 / 106, Near 66 KV Sub-station, Pansar Road, Chhatral, Ta-Kalol, Distt-Gandhinagar 382729, Gujarat) is acceptable as BHEL approved source for manufacturing and supply of Boiler seamless tubes of Austenitic SA 213 - SS TP347H and Super 304H (UNS S30432) material grades (Sizes: OD up to 76.20mm & thickness up to 14 mm for Super 304H and OD up to 54.00 mm & thickness up to 7.82 mm for SS TP347H) for EPC/SG package of Lara STPP, Stage-II (2x800MW) and Singrauli STPP, Stage-III (2x800MW) projects subject to compliance of all of the following conditions:

1. The items shall be manufactured & tested as per NTPC approved manufacturing Quality Plan, Pressure Parts Schedule and meeting NTPC project's Technical Specification requirement.
2. All tubes shall be subjected to Ultrasonic Testing as per EN10246:7 1996 or equivalent with longitudinal calibration notch of depth 5% of wall thickness (0.3mm minimum and 1.5mm maximum).
3. Raw material (Billets) for Super 304H & 347H shall be procured from NTPC approved sources only. The entire supply of Super 304H & 347H tubes from the sub vendor for any specific project shall be made using raw billets/round bars from only one source to ensure complete traceability of the material.
4. Items shall be manufactured in compliance to statutory IBR requirements including 1000 hrs creep test on finished tube/pipe before start of manufacturing. Parallely long term Creep test requirements as per IBR shall be carried out and reports will be submitted to NTPC after completion of the test.
5. Item shall be treated as CAT-I and to be jointly inspected by BHEL's own inspector and NTPC.
6. Tubes shall be tested for IGC test as per ASTM A 262 practice E
7. M/s BHEL shall ensure that MQP with the additional Tests/Checks along with Inspection categorization shall be finalized with Manufacturer. The same shall be submitted to NTPC for approval. Pre-dispatch inspection of such items during manufacturing/testing shall be done by BHEL's own experts and the same shall be finalized in the MQP.

Regards

M Kannan

Manager

MM/Tubes Purchase

BHEL Trichy

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