

**CORRIGENDUM -4, Date: 27/06/2013**  
**TO TENDR SPECIFICATION BHEL PSSR SCT 1529**  
**CLARIFICATIONS FOR 1 X 700 MW BELLARY THERMAL POWER PROJECT**

Some of bidders sought clarification in the above tender and BHEL clarifications are furnished below for information

SL NO	REFERENCE CLAUSE OF TENDER DOCUMENT	QUERY	BHEL'S CLARIFICATION
1.	CL No. 1.9.1 of Volume 1A Part I Chapter –VII to TCC page No 59	<p>Condenser tube &amp; BOI weight details not provided</p> <p><b>Q:</b> Item wise weight detail not available. Please provide the same.</p>	<p>Condenser Tube Details :</p> <p>a) Size: 1) OD 22.225 mm x 0.7112mm thick, length -14730 mm.            2.) OD 22.225 mm x 0.889 mm thick, length – 14730 mm</p> <p>b) Material : welded Titanium Tube Gr 2</p> <p>c) Total No of Tubes: 35000 Nos.</p> <p>d) Refer "h" 1.9.1 weight schedule summary for BOI total weight</p>
2.	CL No. 1.13.119.5 of Volume 1A Part I Chapter – XIII to TCC page No 100	<p>Multi ball bearing support for condenser.</p> <p><b>Q:</b> Condenser supports are spring loaded or multi ball bearing support. Please provide Details required.</p>	<p>Typical drawing for Multiball bearing support arrangement drawing of Yermarus project is enclosed for information. Please note that the following clauses the word "spring" are to be replaced with Multiball bearing arrangement.            1.7.1.2, 1.13.1.19.3</p>
3.	Cl. 1.13.20 88 of 140	<p>The contractor shall have to carry out the condenser tubes insertion and expansion at site after the installation of condenser on their foundation. Before insertion of tubes the contractor shall check for absence of any dents mechanical damages or any other defects of tubes caused during storage or transportation. Tube should be thoroughly internally cleaned of all extraneous matter. Only fine emery paper shall be used for cleaning the tubes at the ends where expansion has to be carried out.</p> <p><b>Q:</b> On going through the document, we understand that Condenser tubes will be supplied as bought out items, and same has to be inserted, expanded, flaring and bell mouth to be done. Kindly specify the tube material and thickness and nos. Also is welding of tubes envisaged? If so, is an /orbital welding machine required for the same?</p>	<p>Condenser Tube Details :</p> <p>a) Size: 1) OD 22.225 mm x 0.7112mm thick, length -14730 mm.            2.) OD 22.225 mm x 0.889 mm thick, length – 14730 mm</p> <p>b) Material : welded Titanium Tube Gr 2            Total No of Tubes : 35000 Nos            Welding is not envisaged.</p>

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4.		In <u>BOUGHT OUT ITEMS</u> the Turbine integral piping consists of Lube oil piping, Control oil piping, seal oil piping, Gland seal piping, Equipment drains and vents, Cross around piping, Air and gas system Piping, ACW piping for H2 coolers, other Misc. system piping etc. is part of the scope of work. <b>Q:</b> We request BHEL please provide tentative weight details of TG integral Piping for estimation of the price.	Tentative weight of Turbine integral Piping is 135 MT approx.
5.	CL No. 1.9.2 E1 of Volume 1A Part I Chapter -IX to TCC page No 74	Weight variation +15% <b>Q:</b> In GCC +/- 15% but in TCC only +15%. Clarification required.	<ul style="list-style-type: none"> <li>• The referred GCC clause addresses the variation of the contract value</li> <li>• TCC clause addresses the rate per unit if the quantity exceeds.</li> </ul>

Note

1. ALL OTHER CONDITIONS REMAIN SAME

  
 AGM/HR & CONTRACTS  
 BHEL/PSSR/CHENNAI

