

Corrigendum 1 dated March 12, 2021 to Tender Specification BHEL: PSSR: SCT: 1945 for the work of Erection, Testing, Commissioning & Trial Operation including Handling of Materials at BHEL / Client's Stores / Storage Yard, Transportation to site of erection, supply and application of painting of Steam Turbine, Turbo Generator & auxiliaries including BOI of Package-A Consisting of (Unit-1 & Unit-3) and BOP of Stage 1 (Unit 1 and Unit 2) and Package-B consisting of (Unit 2 & Unit 4) and BOP of Stage 2 (Unit 3, Unit 4 and Unit 5) of 5 x 800MW Yadadri TPS for TSGENCO at Veerlapalem Village, Dameracherla Mandal, Nalgonda Dist, Telangana State

A. Some of the Bidders had asked queries in the published Tender Specification. The clarifications issued by BHEL are furnished below:

Sl. No.	Reference Clause	Existing Provision	Bidder's query	BHEL's clarification
1	Clause No. 33.4 of Notice Inviting Tender	The ratio of total amounts for Package A: Package B is 1:1.033	The scope of work in both the units are similar except the BOP of Unit#5. The difference quantity between packages A & B is 210 MT and ratio specified for Package B is not viable and also not reasonable. We request to provide the separate line item for the BOP of Unit #5 in the Package B with a fixed unit rate and the evaluation will be done for Package-A & B with the similar scope. Unit#5 of BOP shall be additional to the Package-B.	Tender Conditions Prevail
2	TCC VOLUME-IA PART-I CHAPTER – VII- TERMS OF PAYMENT Clause No.1.7.3.1.1.7	INTEGRAL PIPING-13.60%	Treating the Piping package on Lump sum basis is not viable since the scope of work is completely different with the equipment erection. Hence requesting to provide the line item by specifying the size wise quantity.	Tender Conditions Prevail
3	-	Shipping List Unit#1- TG System Integral Piping, Generator Integral Piping, Turbine Integral Piping,	Kindly provide the Quantity of Piping in MT, Joint details in ID along with the Sizes.	For Quantity of Piping refer Shipping list mentioned in VOLUME-IA PART-I CHAPTER –IX- BILL OF QUANTITY Refer to VOLUME-IA PART – II CHAPTER 2- Field Welding Schedule VOLUME-IA PART – II of Tender Book for Joint Details.

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4	TCC VOLUME-IA PART-I CHAPTER – IV Clause 1.4.3	For loading, transportation and erection, all necessary T&P such as Trailers, Cranes, Winches, welding generators, slings, jacks, sleepers, rails etc., are to be arranged by the contractor.	Equipment of Weight more than 20 T will be directly unloaded at the erection site and Cranes required, for loading of Material at Storage yard will be provided by BHEL on a cost free basis.	Tender Conditions Prevail
5	TCC VOLUME-IA PART-I CHAPTER- XIV- ERECTION Clause 1.14.1.14	The feed water storage tank will be supplied in three sections with feed pipe, heating steam header, spray nozzles, supports etc., in loose components. These are to be erected, aligned & welded in position. Welding, NDT & heat treatment if required shall be carried out by the contractor within quoted rate.	Welding electrodes will be supplied by BHEL/OEM on cost free basis.- Please confirm and requesting to provide the Dia of the tank.	ID of tank is 4000 X 25 MM. Welding Electrodes are to be arranged by contractor as already mentioned in the clause that Welding, NDT & heat treatment if required shall be carried out by the contractor within quoted rate.
6	TCC VOLUME-IA PART-I CHAPTER- XIV- ERECTION Clause 1.14.1.77	Contractor has to fabricate and erect temporary spool pieces wherever required due to non-receipt of valves in time and after receipt of valves the spool pieces are to be replaced with regular valves at no extra charges to BHEL. For spool pieces' materials will be supplied free of cost by BHEL.	The same has to be treated as Extra Work and has to compensate for such work on Man day basis.	As mentioned in the clause that after receipt of valves the spool pieces are to be replaced with regular valves at no extra charges to BHEL, hence the same will not be treated as extra work.
7	TCC VOLUME-IA PART-I CHAPTER- XIV- ERECTION Clause 1.14.1.95	Wherever hanger and support materials of piping are not received from manufacturing unit in time, to suit the erection schedule contractor shall erect the piping system on temporary supports to ensure the progress of work.	The same has to be treated as a Extra Work and has to compensate for such work on Man day basis.	Tender Conditions Prevail

Sl. No.	Reference Clause	Existing Provision	Bidder's query	BHEL's clarification
8	TCC VOLUME-IA PART-I CHAPTER- XIV- ERECTION Clause 1.14.1.109	The contractor shall provide any fixtures, concrete blocks / wooden sleepers, steel structures etc., which are required for temporary supporting for checking / welding / lifting / handling / preassembly of the components at site.	Temporary steel required during execution of work shall be provided by BHEL on returnable basis.	Tender Conditions Prevail
9	TCC VOLUME-IA PART – II CHAPTER 1, SI No: 19	Single composite average labour man-hour rate, including overtime if any, supervision, use of tools and tackles and other site expenses and incidentals, consumables for carrying out any major rework / repairs / rectification / modification / fabrication as certified by site as may arise during the course of erection, testing, commissioning or extra works arising out of transit, storage and erection damages, payment, if found due will be at Rs 108/- per man hour.	Considering the Wages at Telangana the Man Hour rate provided, is not meeting the actual expenses. Hence requesting to revise the Man-hour rate keeping the quarterly increase of wages in view.	Tender Conditions Prevail
10	TCC - Volume-1A - PART-I, CHAPTER - IX - BOQ - SI.No. 9 & 10 - PGMC : BT020, BT021	Miscellaneous Pumps & BOI items - SI.No. 9 PGMA :BT020 - Thermal Insulation of Turbine; SI.No.10 PGMA : BT021 - Thermal Insulation of TIP	Please Clarify " Application of Thermal Insulation scope".	Please refer to clause no 1.14.1.119 of TCC -VOLUME-IA PART-I CHAPTER- XIV- ERECTION Apart from it, all the general clauses related to handling, transportation of materials from storage yard to the place of erection and facilitation are also applicable.

Sl. No.	Reference Clause	Existing Provision	Bidder's query	BHEL's clarification
11	TCC - Volume-1A - Part-1, Chapter - IX - BOQ - Miscellaneous PUMPS and BOI items	Miscellaneous Pumps & BOI items	Please clarify the Items which are falling in TG VENDOR scope.	All items mentioned under TCC - VOLUME-IA PART I CHAPTER IX BILL OF QUANTITY - Miscellaneous PUMPS and BOI items are applicable.
12	-	-	<p>We have gone through the tender document, but we couldn't find out the Weight Schedule of Integral Piping , Weight of Condenser Tube etc.</p> <p>So we are requesting you to kindly provide us the weight of these</p>	<p>Weight Schedule of Integral Piping- Approx Weight for Turbine Integral Piping including hangers and supports is 100 MT.</p> <p>Weight of Condenser Tube- Approx. weight of total no of tubes for each condenser is 180 MT</p>

Note:

- 1) All other conditions of the tender specification remain unchanged.
- 2) Bidders are requested to consider this corrigendum as part of tender specification and quote accordingly.

-Sd-
 Vinod Jaseja
 Sr. Dy. Gen. Manager / Subcontracts