

TENDER SPECIFICATION

BHEL: PSSR: SCT: 1852

FOR

Erection, Testing & Assistance for Commissioning and Trial Operation of Boiler & Auxiliaries, Air Pre Heaters, Ducts & Dampers, Boiler Integral Piping, Fans, Bowl Mills, Rotating Equipments etc. of Unit 1, Auxiliary Boiler & Auxiliaries, Application of Refractory and Insulation, Supply and Application of Final Painting including Handling of Materials at BHEL / Client's Stores / Storage Yard and transportation to site of Erection

at

**2x800 MW Uppur Supercritical Thermal Power Project,
Ramanathapuram District, Tamil Nadu**

VOLUME-II

PRICE BID



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)

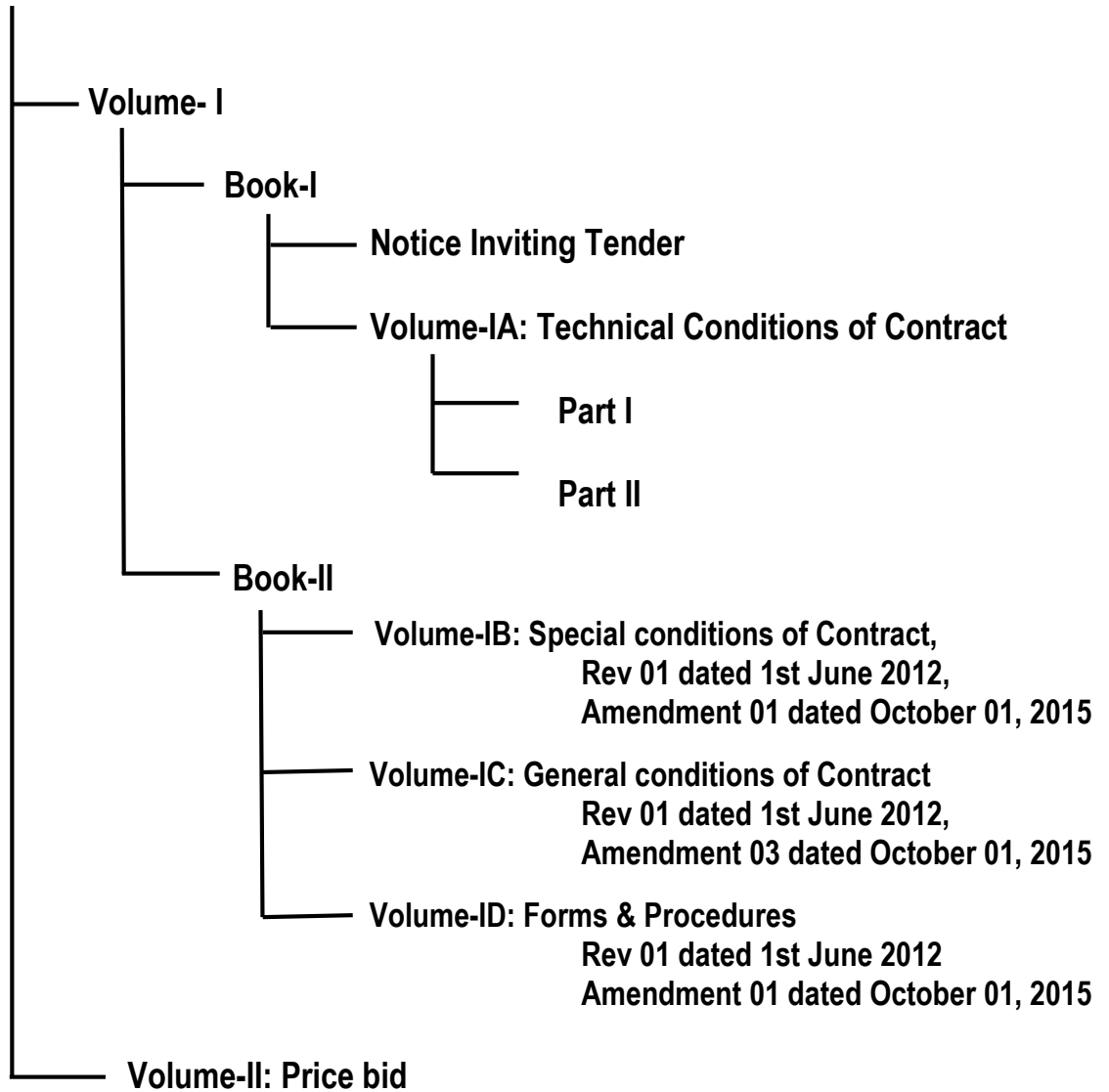
Power Sector – Southern Region

690, Anna Salai, Nandanam, Chennai – 600 035.

PRICE BID

TENDER SPECIFICATION CONSISTS OF

Techno-Commercial Bid



PRICE BID

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PRICE BID

PART-A-INSTRUCTIONS TO BIDDERS:

1. Bidders shall quote 'Total Amount' in the format for Price Bid available in the e-procurement portal. Bidders may also quote 'Total Amount' in the format given in Part -B of this document (Optional). Any other entry elsewhere in the price bid shall be treated as Null and Void.
2. The above mentioned 'Total Amount' is for the entire Bill of Quantity (BOQ) given in Part-C of the Price Bid.
3. BHEL has pre-fixed the weightages for the amount of individual items of Bill of Quantity with respect to the 'Total Amount' in Part -C.
4. Based on the pre-fixed weightages, the amount for the individual items of the Bill of Quantity shall be arrived at. This amount shall be rounded off to the nearest rupee.
5. Based on the quantities of individual item and the amount arrived in SI No: 4 above, unit rate of individual items shall be derived. This unit rate shall be rounded off to four decimal places.
6. Bidders to note that this is an item rate contract. Payment shall be made for the actual quantities of work executed at the unit rate arrived at as per SI No.5 above.

Part B: Format to quote Total Amount

**Tender Specification BHEL:PSSR:SCT:1852 for Boiler & Aux
at 2 X 800 MW Coal Based Supercritical Uppur Thermal Power Project**

Total Amount for the entire Bill of Quantities(BOQ) given in Part C

In Figures

In words

Note :

Bidders to quote Total Amount in this format given above, which shall be taken into account for evaluation and awarding and hence, shall be complete in all respect for the full scope defined in specification and in accordance with all terms & conditions of tender.

Date

SIGNATURE OF BIDDER WITH SEAL

Part C : Bill of Quantities

**Tender Specification BHEL:PSSR:SCT:1852 for Boiler & Aux
at 2 X 800 MW Coal Based Supercritical Uppur Thermal Power Project**

Ref.No.	Description	Unit of Measurement	Qty.	Weightage for amount of each item (Nearest to the 7 decimal points) w.r.t the total amount
--	Erection, testing and Commissioning and Completion of trial operations of the Boiler & Aux, Rotating Equipments, auxiliaries, and its insulation including supply and application of final painting for Uppur 2 x 800MW set as per the detailed description and nature of work enumerated in the Tender specification including supply of consumables, tools & tackles, equipments, all handling and transportation from BHEL/ Customers stores and other incidental works during preassembly, erection, testing and commissioning work, supply and application of touch-up, preservation & final painting as detailed in the Tender specification. This shall include all types of handling and transportation of materials from the site store sheds / Storage yard located at more than one location outside plant boundary to place of erection including any extra work of modification / rectification that may arise during erection, testing and commissioning works which is incidental to normal erection works.	--		
1.1	BOILER, STRUCTURES	MT	17,085	.3630589
1.2	BOILER - PRESSURE PARTS	MT	14,688	.4138172
1.3	NON-PRESSURE PARTS	MT	5,562	.1259704
1.4	ROTATING EQUIPMENTS	MT	1,667	.0303605
1.5	ROTATING MACHINES HANDLING EQUIPMENTS	MT	78	.0013898
1.6	INSULATION - POURABLE & CASTABLE REFRACTORY	MT	324	.0071049
1.7	INSULATION - MINERAL WOOL	MT	1,569	.0477193
1.8	INSULATION - IRON COMPONENTS	MT	213	.0085134
1.9	INSULATION - ALUMINIUM SHEETS	MT	52	.0020656
TOTAL Weightage				1.0