

# **TENDER SPECIFICATION BHEL PSSR SCT 1934**

**for**

**Erection, Testing and Commissioning of LP Piping including Handling at site stores / storage yard, transporting to site, inspection, pre-assembly, erection, alignment, welding, NDT, fixing of hangers & supports, chemical cleaning / pickling, oil flushing, water flushing, hydro testing & steam blowing, surface finish, supply & application of primer & finish paints including labeling & flow direction on the piping & hangers and supports, pre-commissioning, commissioning, trial operation & handing over to customer of LP piping including Sea-water Piping System, Plant water system, DM cooling water system, Instrument & Service Air system, Plant service water and potable water system, PT RO-DM Plant System, Fire Protection system, Pumps & Misc. Equipments, Cranes and hoists and its associated items / systems, hangers and supports, valves, miscellaneous Equipment's etc. for both Unit -1 & Unit -2**

**at**

**2 x 660 MW Ennore SEZ Supercritical Thermal Power Project at Ash Dyke of NCTPS, Tamil Nadu**

## **VOLUME –II PRICE BID**



**BHARAT HEAVY ELECTRICALS LIMITED**

(A Government of India Undertaking)

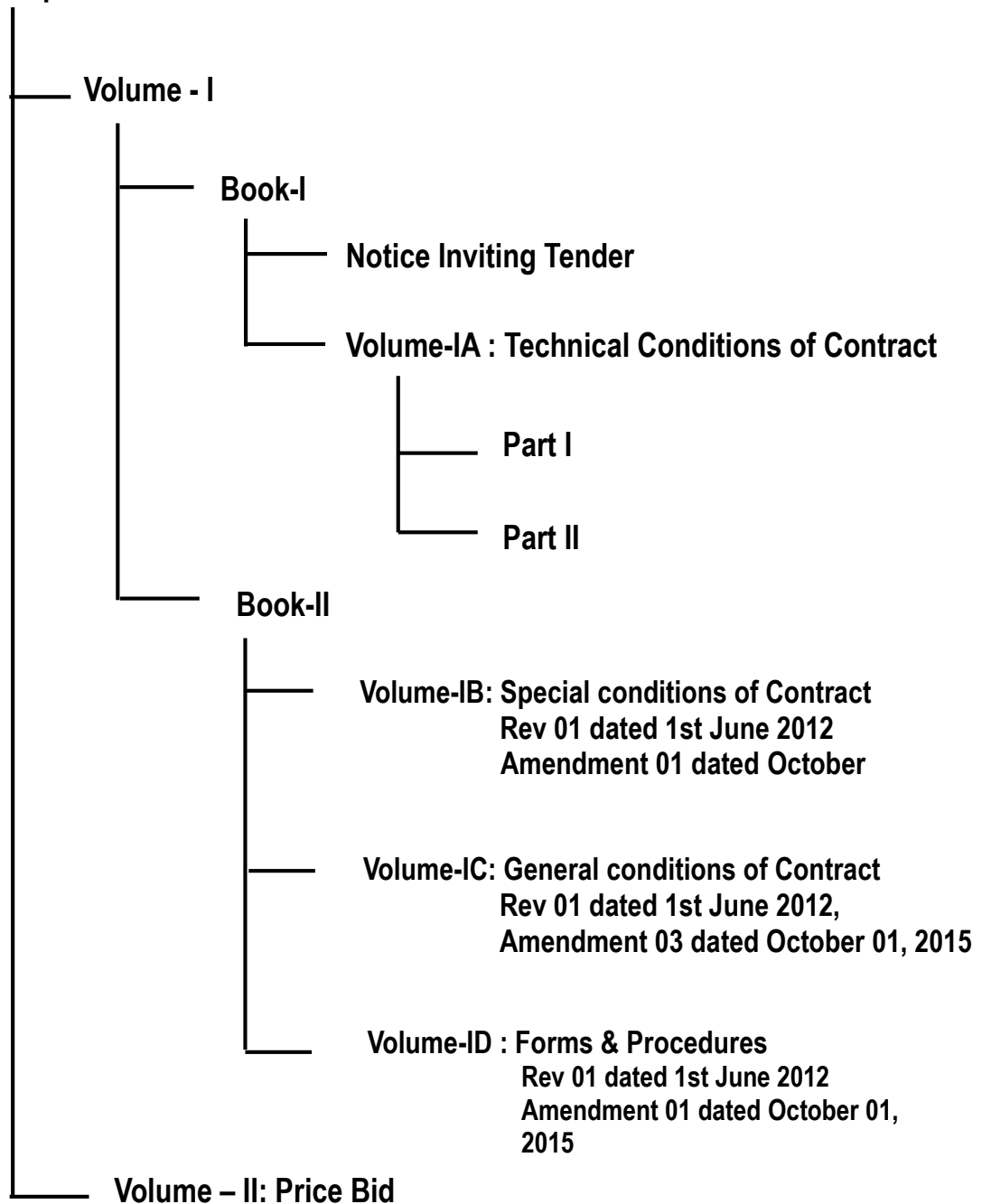
Power Sector – Southern Region

Tek Towers, No.11, Old Mahabalipuram Road,

Okkiyam Thoraipakkam, Chennai - 600097

**TENDER SPECIFICATION CONSISTS OF**

**Tender Specification**



## PRICE BID

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### **PART A**

#### **Instruction to Bidders:**

1. The quantity indicated in the BOQ in Part C of Price Bid is approximate only and is liable for variation. Payment will be as per actual quantity executed and as certified by BHEL Engineer.
2. Tenderers are requested to affix their company seal and authorized signature in all pages.
3. Bidders shall quote 'Total Amount' in the format enclosed as a separate Excel File in BHEL NIC e-Procurement portal for the subject tender and upload the same under 'Packet details -> Tender covers -> Finance '(Cover Type Description – Price Bid)'' and same shall be taken into account for evaluation and awarding and hence, shall be complete in all respect for the full scope of work defined in specification and in accordance with terms & conditions of the tender. Any other entry elsewhere in the price bid shall be treated as Null and Void. Quoting of rates in any other form/formats will not be entertained.
4. The above mentioned 'Total amount' is for the entire Bill of Quantity (BOQ) given in Part -C of the Price Bid.
5. 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 of Price Bid.
6. 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.
7. Based on the quantities of individual item and the amount arrived in Sl. No: 6 above, unit rate of individual items shall be derived. This unit rate shall be rounded off to four decimal places.
8. 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 Sl No.7 above.

**Part C : Bill of Quantities**

**Tender Specification BHEL:PSSR:SCT:1934 for LP Piping**

**at 2 X 660 MW Ennore SEZ Supercritical Thermal Power Project at Ash Dyke of NCTPS**

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 of LP Piping including handling at site stores / storage yard, transporting to site, inspection, pre-assembly, erection, alignment, welding, NDT, fixing of hangers & supports, chemical cleaning / pickling, oil flushing, water flushing, hydro testing & steam blowing, surface finish, supply & application of primer & finish paints including labeling & flow direction on the piping & hangers and supports, pre-commissioning, commissioning, trial operation & handing over to customer of LP piping including Sea-water Piping System, Plant water system, DM cooling water system, Instrument & Service Air system, Plant service water and potable water system, PT-RO-DM Plant System, Fire Protection system, Pumps & Misc Equipments, Cranes and hoists and its associated items / systems, hangers and supports, valves, miscellaneous Equipment etc. for both Unit -1 & Unit -2 at 2 x 660 MW Ennore SEZ Supercritical Thermal Power Project at Ash Dyke of NCTPS, Tamil Nadu	--		
1A	SS Piping	MT	95.377	.0221314
1B	CS Piping	MT	1,943.363	.2414477
1C	GI Piping	MT	63.794	.0077418
1D	CS Piping (UG + Wrapping)	MT	280.693	.0373757
1E	Sea Water Intake Piping	MT	5,708.212	.6054813
2.0	H&S/EQPTS/MISC ITEMS	MT	817.43	.0858221
<b>TOTAL Weightage</b>				1.0