

TENDER SPECIFICATION

BHEL PSSR SCT 2119

for

Erection, Testing and Commissioning of FGD Mechanical Package, Completion of Balance Works of TP-09 Lift and deployment of Electrical Supervisor for maintenance of LT Power at Site in Unit-12 of KOTHAGUDEM STAGE-VII, 1 x 800 MW

VOLUME –II

PRICE BID



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)

Power Sector – Southern Region

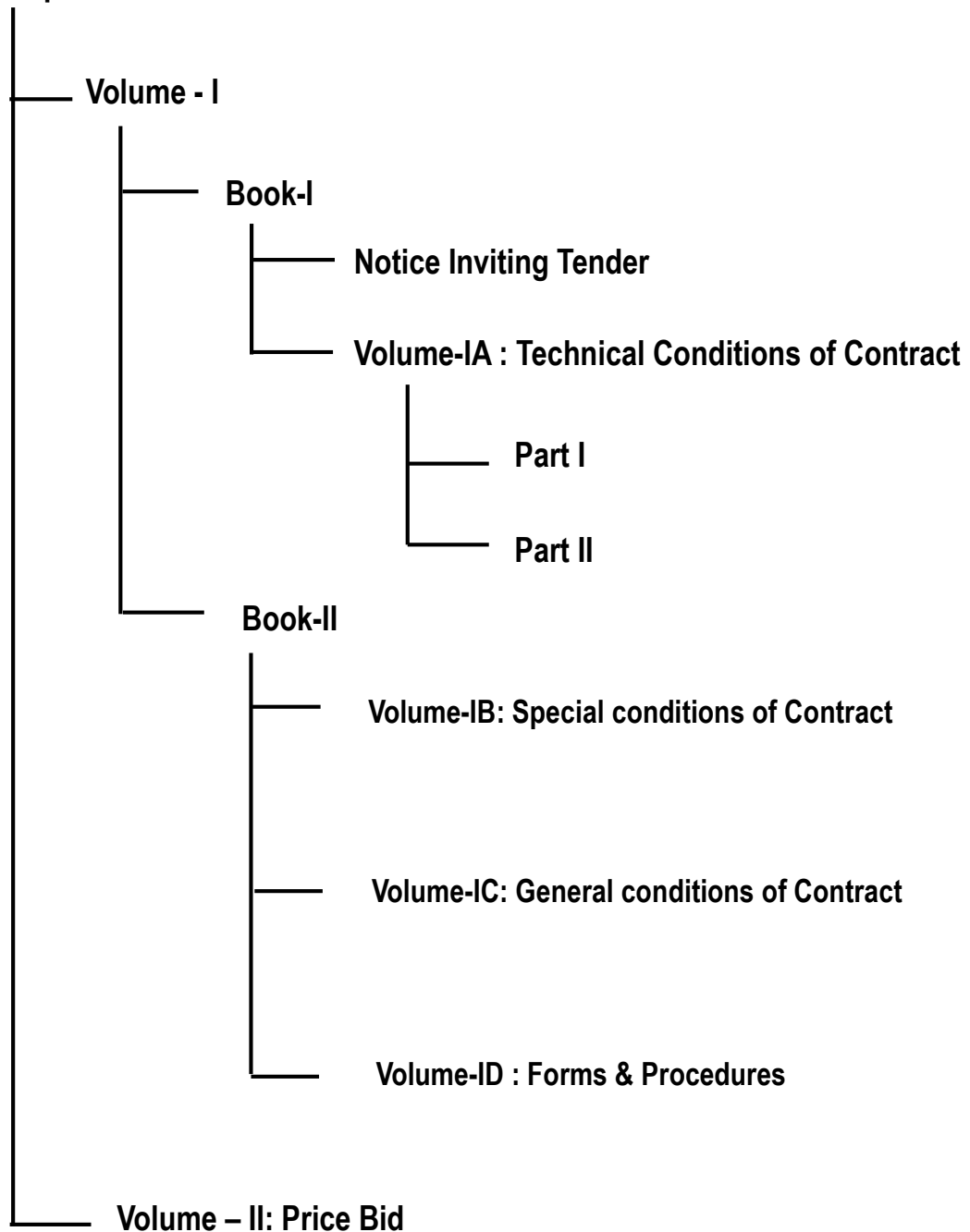
BHEL Integrated Office Complex,

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Chennai - 600100

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 as certified by BHEL Engineer.

Part C : Bill of Quantities**Tender Specification for FLUE GAS DESULPHURISATION SYSTEM (FGD) AT UNIT-12,1X 800 MW, KOTHAGUDEM
TPS of Unit-12****at Kothagudem Stage VII Unit 12, 1 X 800 MW**

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
1.1	Structure	MT	2,686.88	.3565452
1.2	Non Pressure Parts/Ducts/Dampers	MT	906.37	.1250132
1.3	Rotating Components/Machines	MT	2,212.15	.2426847
1.4	Fabrication and Erection of the Tanks from the Structural Materials (Plates, Structural Components) and Hydro Cyclones and Other Miscellaneous items	MT	421	.0927383
1.5	Mineral Wool	MT	105.05	.0177768
1.6	Fixing Components	MT	132.62	.0303352
1.7	Aluminium Sheet & Sealing Compound	MT	36.7	.0083143
1.8	CS Piping	MT	146.99	.0645396
1.9	SS Piping	MT	8	.0019223
2.1	Work-Material Handling of Flue Gas Desulphurization System (FGD), Components of Steel Supplies Like TMT Bars, Plate Materials/Structural steel/reinforcement steel/Tool and Plants and Equipments, Electrical Components etc. miscellaneous items etc by arranging manpower and suitable TnP required for the job at 1X800 MW Kothagudem	MT	8,000	.0289904
3.1	Monthly rate for maintaining the Construction power supply by deploying C-Grade SUPERVISOR	Per Month	15	.0033069
3.2	Monthly rate for maintaining the Construction power supply by deploying electrician/shift	Per Month	30	.0041336
4.0	Erection, alignment, welding, supply and application of painting of the prefabricated structural works at TP -9 at 1x800MW TPS, Kothagudem which include transportation of the fabricated structures from the fabrication yard to the site of erection.	LS	1	.0236994

Part C : Bill of Quantities

**Tender Specification for FLUE GAS DESULPHURISATION SYSTEM (FGD) AT UNIT-12,1X 800 MW, KOTHAGUDEM
TPS of Unit-12**

at Kothagudem Stage VII Unit 12, 1 X 800 MW

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
TOTAL Weightage				1.0