

TENDER SPECIFICATION

BHEL: PSSR: SCT: 1971

FOR

Erection, Testing and Commissioning of Power Cycle Piping and all associated Piping & Insulation works 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 and application of refractory & insulation works as per requirement / as given in the drawings including labeling & flow direction on the piping / over insulation & hangers and supports, pre-commissioning, commissioning, trial operation & handing over to customer etc. for Unit-5 of 5X800 MW Yadadri Thermal Power Project Veerapalem Village, Dameracherla Mandal, Nalgonda, Telangana

VOLUME-II

PRICE BID



BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)

Power Sector – Southern Region

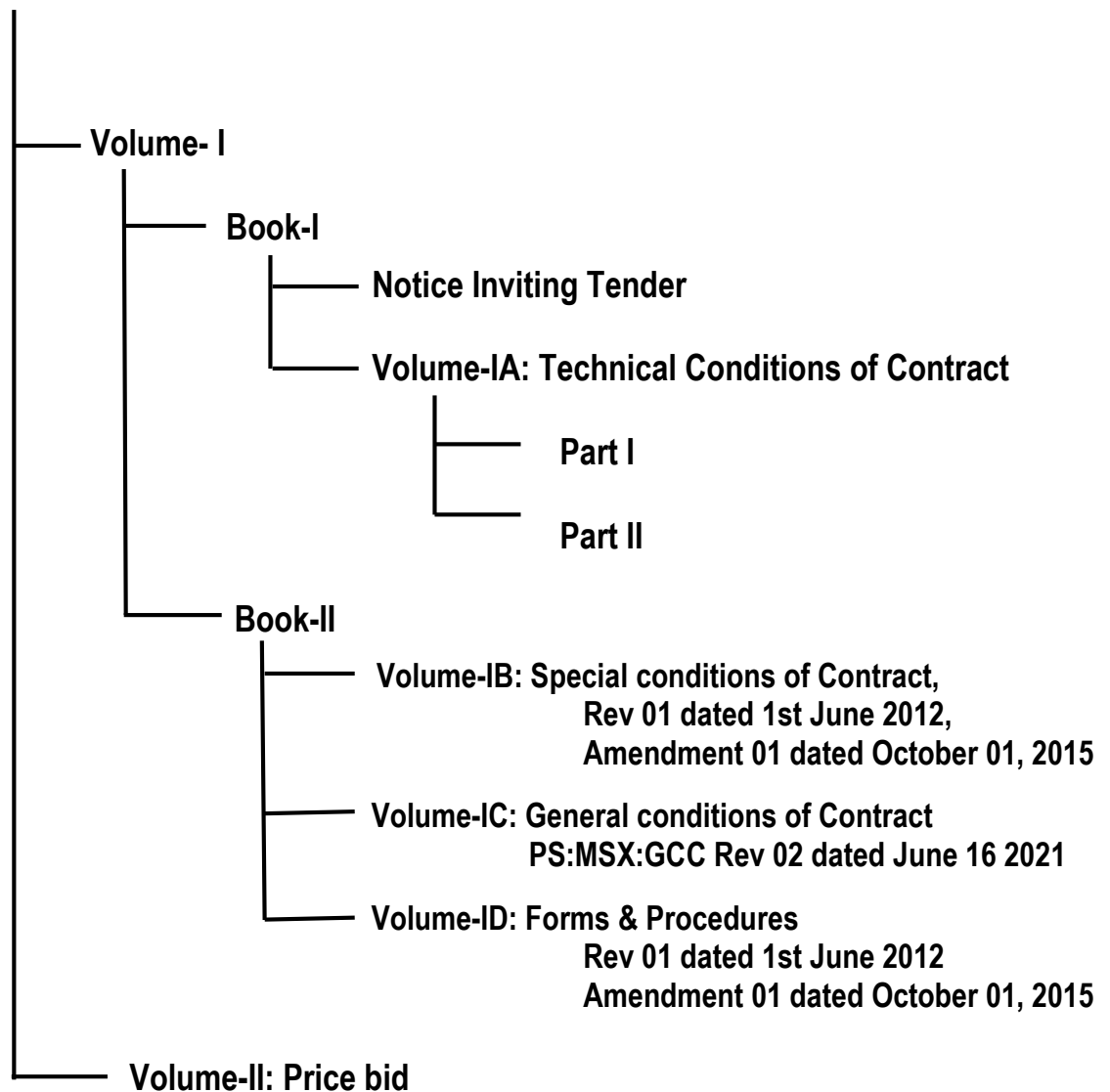
Tek Towers, No. 11, Old Mahabalipuram Road

Okkiyam Thoraipakkam, Chennai - 600097

NOTICE INVITING TENDER

TENDER SPECIFICATION CONSISTS OF

Techno-Commercial Bid



PRICE BID

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Part A: Instructions to the Bidders	1
Part B: Format to quote total amount (Enclosed as a separate Excel File in BHEL NIC e-Procurement portal for the subject tender)	(Separate Excel File)
Part C: Bill of quantities with weightage for amount of each items w.r.t. the total quoted price	2

PRICE BID

PART-A-INSTRUCTIONS 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.
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 SI 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 SI No.7 above.

Part C : Bill of Quantities

**Tender Specification BHEL:PSSR:SCT:1971 for Power Cycle Piping/Critical Piping/Piping in case of CCP/Nuclear PP
at 5 X 800 MW Yadadri TPS**

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 Power Cycle Piping and all associated Piping & Insulation works 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 and application of refractory & insulation works as per requirement / as given in the drawings including labeling & flow direction on the piping / over insulation & hangers and supports, pre-commissioning, commissioning, trial operation & handing over to customer and supply & application of final painting, etc. of Unit5 OF 5 X 800MW YADADRI TPS FOR TSGENCO AT VEERLAPALEM VILLAGE, DAMERACHERLA MANDAL, Nalagonda Telengana	--		
1A	P91 Piping	MT	796.21	.3118244
1B	HP Piping	MT	1,278.38	.3519088
1C	LP Piping	MT	368.18	.0815948
1D	SS Piping	MT	5.39	.0023438
1E	Hangers and Supports including Tanks, Vessels, Pumps, etc	MT	668.06	.1075086
2A	Temporary Piping for Chemical Cleaning	MT	105.31	.0151499
2B	Temporary Piping for Steam Blowing	MT	192.34	.0284547
3A	Fixing components	MT	7.7	.0012352
3B	Mineral wool	MT	593.67	.0722001
3C	Aluminium Sheets	MT	149.05	.0277796

Part C : Bill of Quantities

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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