

**TENDER
SPECIFICATION
BHEL PSSR SCT 2219**

FOR

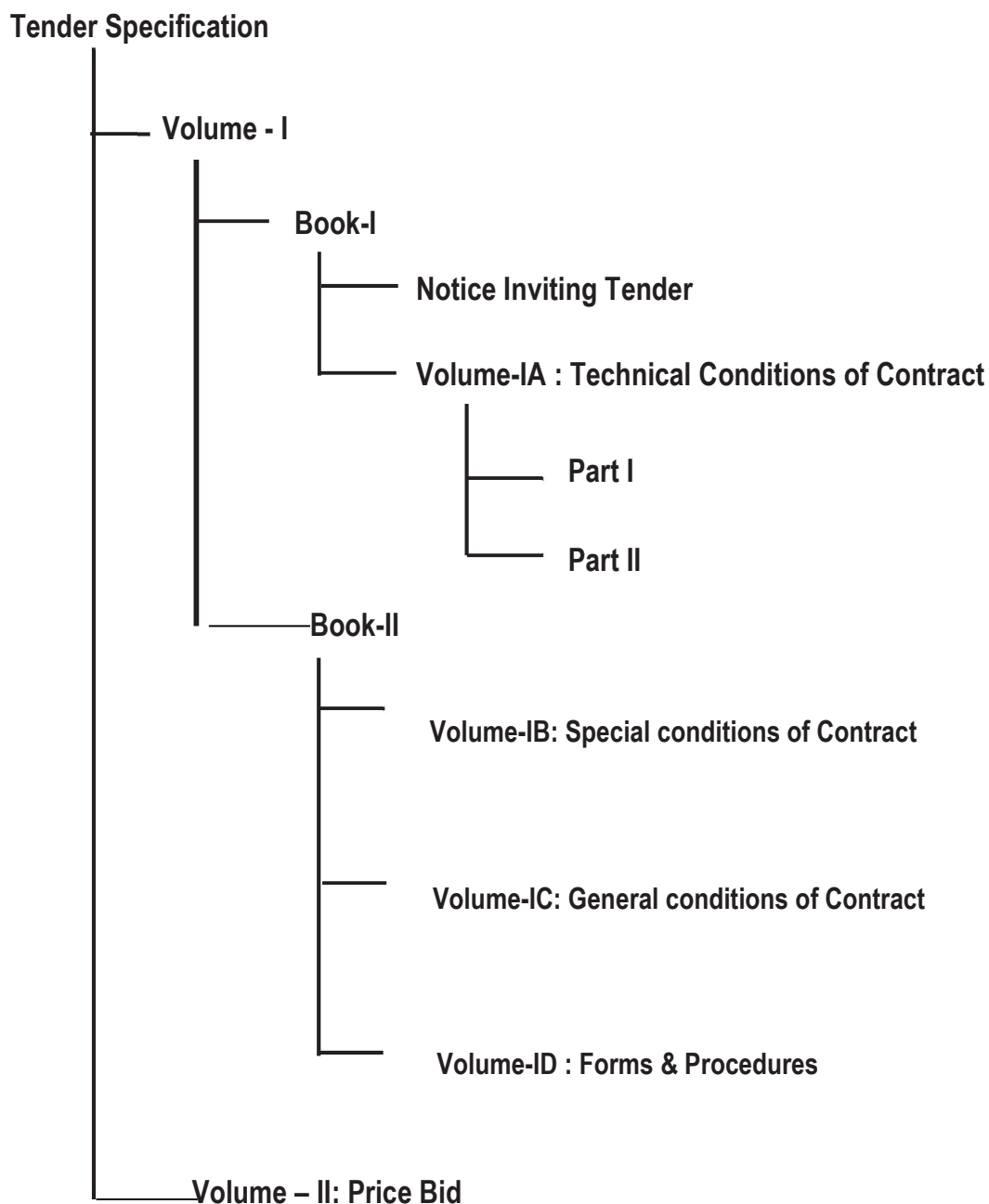
Piping works (Power cycle piping, LP piping and related works) required for Steam Generation at NALCO Damanjodi Unit#6 project (for 5th Stream Alumina Refinery Expansion).

**PRICEBID
VOLUME –II**



BHARAT HEAVY ELECTRICALS LIMITED
(A Government of India Undertaking)
Power Sector – Southern Region
BHEL Integrated Office Complex, TNEB Road
Pallikaranai, Chennai -600100

TENDER SPECIFICATION CONSISTS OF



PRICE BID

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PRICE BID

PART A

Instruction to Bidders:

1. Bidders shall only quote “Total Lumpsum amount” in the format given in the price bid. The “Total Lumpsum amount” is for the entire scope of work. Payment will be as per actual quantity executed 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 for Piping works (Power cycle piping, LP piping and related works) required for Steam Generation at NALCO Damanjodi Unit#6 project (for 5th Stream Alumina Refinery Expansion).

at NALCO Damanjodi 18.5 MW BTG

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 Piping (Power Cycle Piping, LP Piping and all associated Piping) 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, water flushing, hydro testing, steam blowing, supply & application of paints as per requirement / as given in the drawings including pre-commissioning and commissioning activities etc.for 1x18.5 MW NALCO Damanjodi Unit#6 as per the tender specification	--		
1.1	AS piping	MT	133	.1319244
1.2	CS HP piping (IBR piping)	MT	126	.1114346
1.3	CS LP piping	MT	784	.5916914
1.4	SS piping	MT	77	.1212753
1.5	Hangers & supports	MT	42	.0203295
1.6	Steam blowing temporary piping	MT	9	.0058361
1.7	Chemical cleaning temporary piping	MT	27	.0175087
TOTAL Weightage				1.0