



ANDHRA PRADESH POWER GENERATION CORPORATION LTD
Dr. NARLA TATA RAO THERMAL POWER STATION O & M
VIJAYAWADA - 521456



From :

Chief Engineer
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Through ap e-procurement

GST No.: 37AACCA2734J1ZR

Enquiry No: M100031578/CE/O&M/SE(A&MM)/DE/PUR II/ V08 / 26-27 Dt:05.09.2026

**Sub: DR.NTTPS-STAGE-I-SUPPLY OF HYDROGEN GAS COOLER ASSEMBLY(COMPLETE)
SUITABLE 210MW, 15.75KV, TURBO GENERATOR, TYPE: THW-210-2(LMW MACHINE) WITH BUY
BACK- ENQUIRY-ISSUED-REG**

Sir,

Technical Bid Due date : 28 . 09.2026 : Time : 15.00 Hours

Please furnish firm offer through on-line for the materials indicated in the enclosed bill of materials, Offer shall be submitted through tender.apcprocurement.gov.in by 15.00 Hrs. on or before the due date of opening indicated above. Offers received within the scheduled time and date shall be opened on the same day at 15.30 hrs. It is further advised to go through carefully the enclosed documents and furnish the offer strictly as per given instructions otherwise your offer shall be ignored.

Offer shall be submitted through online (e-procurement platform) along with Earnest Money Deposit of 0.5% of quoted value, payment mode available in ap eprocurement platform ,failing which the offer shall not be considered for further action. In case of PEMD/SSI/NSIC/ MSME Unit etc. shall be furnish documentary evidence (Indicated with Certificated Number) along with your offer for exempting the EMD.

The Bidders shall furnish their quotation through On-line only duly enclosing the Proforma of Terms and conditions. The Offer shall be super scribed with Enquiry No., due date & Time of Submission, failing which the offer may be rejected. Please furnish copy of price list and recently executed orders in support of your quoted prices for our reference and also furnish your GST number along with your offer.

Prequalification requirements :

1. The bidder shall be manufacturer/supplier. In case the bidder is Authorized dealer or distributors the firm must submit their principals Authorization Certificate of recent period.
2. The bidder should furnish detailed specifications for the offered material along with the make and model in their technical offer.
3. The bidder shall furnish recently executed orders along with performance reports of any Govt PSU's/Power utilities.
4. The GST shall be applicable as per Govt. Rules. Hence furnish HSN codes of the items quoted and also % GST applicable.
5. The bidder shall submit proforma for terms and conditions and statement of deviation along with the technical bid duly filled and signed.
6. The bidder shall furnish the no block list certificate certifying that" the firm has not block listed in any Govt/Pvt sector.
7. The manufacturer/Supplier shall confirm to notify the inspection Agency and inform APGENCO for inspection of material when they are ready, giving at least 10 days notice. The authorised representative from APGENCO and/or inspection agency shall access to the supplier works for the purpose of testing and inspecting the material at different stages

of manufacturing of coolers. The testing and inspection charges will be to supplier's account.

8. The Manufacturer/ Supplier shall submit the Manufacturing Quality Plan (MQP) of the Hydrogen Gas Cooler assembly, for QC Review and Approval before manufacturing of the system.

9. The Manufacturer/ Supplier shall submit the Chemical Composition certificates materials of the Hydrogen Gas Cooler assembly, for QC Review and Approval before manufacturing of the system.

10. The manufacturer/Supplier shall confirm the Testing protocol of the Hydrogen Gas Cooler assembly shall be submitted for QC Review and Approval before commencement of the work.

11. The supplier shall furnish the Guaranteed Technical Particulars (GTP) of Hydrogen Gas Cooler assembly shall be submitted for User Dept. Review and Approval before manufacturing of the Gas cooler.

12. The manufacturer/Supplier shall supply the Hydrogen Gas Cooler assembly only after issue of MDCC from SE/ Quality control/Vidyut soudha.

13. The supplier shall confirm to furnish Certificate of conformance certifying that the material conforms to indent specifications according to the relevant standards as per technical specification Approval form enclosed for approval by the QC wing before supplying the material to the site.

14. T.O.Email ID:nttps.purchase2@apgenco.gov.in.

Thanking You

Encl:1)Bill of Materials(Annexure-I)

2)NIT(Annexures-II to VI)

3)Technical specification Approval form

Sd/****

ChiefEngineer/O&M/Dr.NTTPS

Annexure-I

Enquiry No : M100031578 Dated : 05.09.2026

Sr No:	Material Code / Material Description	HSN Code	UOM	Quantity	Quoted Price	Total Value
1	100095489 HYDROGEN GAS COOLER ASSEMBLY COMPLETE, SUITABLE FOR 210MW,15.75KV TURBOGENERATOR, TYPE: THW 210-2 (LMW MACHINE) with Cu:Ni ratio of tube is 90:10 Specification of Gas Cooler: 1. Losses to be removed: 500KW. 2. Hydrogen Flow: 7.5Cu. Mtrs/Sec. 3. Water Flow: 87.5Cu.Mtr/Hr. 4. Temp. of cooling water: 37°C. 5. Temp. of Cooled Hydrogen: 44°C. 6. Hydraulic Resistance to Hydrogen: 74mm of water column. 7. Hydraulic Resistance to Water: 17.5M of water column. 8. No. of Section of Water pass: 2. 9. Maximum pressure resistance:4.5Kg/Sq.cm. Note: Firms having own manufacturing unit for above item will be considered.	7411	NO	4.000		

Sd/****
ChiefEngineer/O&M/Dr.NTTPS