

11/05/2023

**Local tender for Atomic Layer Deposition (ALD) precursor (TrimethylAluminum)**

**This is an RFQ (Request for Quote) for Supply of ALD precursor to be used for depositing a dielectric layer in microelectronics applications (Quotes from domestic manufacturers/ vendors only)**

**Procedure:**

1. The technical description should take into account the following requirements and information that has been provided:

Target Spec	Quantity
Bubbler Beneq DN697257 with Trimethylaluminum (TMAI) precursor, CAS No. 75-24-1 4N, ALD/Electronic grade	2 x 100 g

2. Please share description of cylinder, valves and fittings, with diagram, and dimensions.
  4. Include product cost, bubbler cost, filling cost and delivery to IISc, CeNSE.
  5. The commercial comparison will be done as per Government of India rules, specifically GFR 2017. Note that GFR has recently been amended.
- The Bidder should belong to either Class-1 or Class-2 suppliers distinguished by their “local content” as defined by recent edits to GFR. They should mention clearly which class they belong to in the cover letter. a) Class-1 supplier: Goods and services should have local content of equal to or more than 50%. b) Class-2 supplier: Goods and services should have local content of equal to or more than 20 % and less than 50%.
  - Quote should come only from Indian Original Equipment Manufacturer (OEM) or their Indian authorized distributor.
  - The quotations should be on FOR-IISc Bangalore basis in INR only.
  - Bidders offering imported products will fall under the category of non-local suppliers. They cannot claim themselves as Class-1 local suppliers/Class-2 local suppliers by

claiming the services such as transportation, insurance, installation, commissioning, training, and other sales service support like AMC/CMC, etc., as local value addition.

- Purchase preference as defined by the recent edits to GFR (within the “margin of purchase preference”) will be given to the Class-1 supplier.
  - MSMEs can seek an exemption to some qualification criteria. IISc follows GFR2017 for such details.
6. The materials will be used for high-tech research work by research scholars. The vendor should have supplied the above material either to CeNSE, Indian Institute of Science, Bangalore or other microelectronics fabrication unit of repute. Proof of the same should be attached.
  7. Purity certificate for the material quoted need to be attached with quotes along with the method for estimation of purity.
  8. The deadline for submission of quotes is the 19<sup>th</sup> May 2023, 5:30 pm Indian Standard Time. Proposals should arrive at GF20, NNFC Office, Centre for Nano Science and Engineering, Indian Institute of Science, Bangalore 560012, India, by the above deadline.

Thanking you,

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