

**AMENDMENT / CORRIGENDUM – I**

**(Tender No.: PU/2026-27/NQM-001)**

**Name of Work:** Supply, Installation and Commissioning of Customized Molecular Beam Epitaxy (MBE) System for h-BN and TMDCs with in-situ RHEED and UHV Preparation-cum-Load Lock Chamber

S. N.	Page No. / Clause No.	Existing Provision	Revised Provision	Remarks
1.	Page 1 – Tender Schedule	Last date of submission: 10.06.2026	Last date of submission: <b>22.06.2026</b>	Extended based on pre-bid deliberations
		Date and time of opening of Technical Bids: 12/06/2026	Date and time of opening of Technical Bids: <b>23/06/2026</b>	
		Intimation to technically qualified bidders: 15/06/2026	Intimation to technically qualified bidders: <b>26/06/2026</b>	
2.	Page 4, Clause 4 & Page 8, Clause 7.4	Performance Security/ Performance Bank Guarantee (PBG) of 3% of order value applicable	<b>Performance Bank Guarantee (PBG) requirement stands withdrawn.</b> Retention Money provisions shall remain applicable as per tender conditions.	Tender amended
3.	Page 5, Clause 5 (Terms of Payment – Foreign Suppliers)	Reference to submission of Performance Bank Guarantee	<b>References to PBG shall be read as deleted.</b> All other payment terms remain unchanged.	Consequential amendment
4.	Page 5, Clause 6.8 (Delivery Schedule)	Maximum delivery period: 10 months	Maximum delivery period revised to <b>11 months</b> from date of PO/LC issuance	Tender amended
5.	Annexure-I, Page 16/2.2 and Page 20/7	Capable of h-BN growth rates up to $\geq 2.5 \mu\text{m/h}$	Capable of h-BN growth rates up to $\geq 1.4 \mu\text{m/hr}$ (other specifications for plasma source will also be follow for the same performance)	Tender amended
6.	Annexure-I, Page No 16/2.3	RHEED 15 keV with RHEED software, with differential pumping	<b>RHEED 15 keV with RHEED software</b> Differential pumping moved to <b>Optional Configuration</b>	Tender amended
7.	Annexure-I, Page No 16/2.4	Quartz sensor on translator with SQC310C	Quartz sensor on translator with SQC310C <b>or equivalent</b>	Tender amended
8.	Annexure-I, Page No 16/3.2, 3.5; Page No 17/6.2, 6.8; Page no 18/8.2;	Pneumatically operated gate valves specified	<b>Pneumatic/Manual gate valves with same capability</b> are acceptable	Tender amended

9.	Annexure-I, Page 16/3.4	4-filament TSP with controller	<b>Minimum three filaments or equivalent performance</b>	Tender amended
10.	Annexure-I, Page No 16/4.6	Manual axial rotation for transfer	Transfer arrangement is acceptable provided all transfer and positioning specifications are met.	Tender amended
11.	Annexure-I, Page 17/4.7	Horizontally mounted on side-wall flange	Substrate manipulator shall be <b>vertically mounted with substrate facing downward during growth</b>	Technical correction
12.	Annexure-I, Page No 17/6.7	Heated sample holder to 400 °C with power supply	Heated <b>sample holder/ equivalent heated manipulator</b> to 400 °C with power supply	Performance-based acceptance
13.	Annexure-I, Page No 19/9.2	Spares included in main configuration	<b>Vendors may quote recommended spares separately;</b> evaluation shall be based on the main system configuration	Separate pricing permitted
14.	Annexure-I, Page No 19/9.2	Silver-coated gaskets specified	<b>Silver-coated/OFHC Copper Gaskets</b> are acceptable provided all UHV, pressure, and bake-out requirements are satisfied	Tender amended
15.	Annexure-I, Page No 20/xi	Achievable h-BN film homogeneity better than 1% over a one-inch wafer	Achievable h-BN film homogeneity better than <b>±1%</b> over a one-inch wafer	Clarification

**Note:**

1. All other terms, conditions, specifications, and eligibility criteria of the tender shall remain **unchanged**.
2. This Corrigendum/Amendment shall form an integral part of the Tender Document and shall be read in conjunction with the original tender.
3. Bidders are requested to submit their bids considering the above amendments.

This format is consistent with the corrigendum/amendment tables typically issued by government-funded institutions and research organizations.