

Bid Corrigendum

GEM/2025/B/6739465-C3

Following terms and conditions supersede all existing "Buyer added Bid Specific Terms and conditions" given in the bid document or any previous corrigendum. Prospective bidders are advised to bid as per following Terms and Conditions:

Buyer Added Bid Specific Additional Terms and Conditions

1. **OPTION CLAUSE:** The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.
2. Buyer Added text based ATC clauses

BIIDERS ARE REQUESTED TO GO THROUGH THE DETAILED TENDER DOCUMENT ALONG WITH TENDER ANNEXURES/POLICIES/FORMATS/INSTRUCTIONS/PQC/TERMS & CONDITIONS ETC. AS ENCLOSED IN BUYER ADDED BID SPECIFIC ATC (UPLOADED)

Participating bidders for the tender shall meet all the qualification criteria given as below:

Criteria 1- Experience and Past Performance:

- 1.1 The bidder (manufacturer or principal or authorized representative hereinafter referred simply as 'The Bidder') must have previous experience of supply, Installation, Commissioning of at least **02 (two) nos. of Industrial Grade 3D Printer based on Thermoplastic Material Extrusion Technology (Fused Filament Fabrication)**, during last ten years ending last day of month previous to one in which the original bid due date falls, meeting the specifications as below:
 - A. Build size **800 X 600 X 800 mm or above/higher.**
 - B. Should be able to build engineering grade thermoplastics.
- 1.2 The offered Model of the 3D Printing Machine shall be in successful operation for at least 03 (Three) years with a client in India, as on the last day of month previous to one in which the original bid due date falls.
- 1.3 To substantiate the sl. 1.1 & 1.2 above, the bidder must furnish copy(s) of following documents :
 - Purchase Order of the complete machine issued by the end user/client.
 - Copy of Tax Invoice
 - Installation & commissioning certificate from end user/client.

- Certificate of Successful Operation for at least 3 years from end user/client.

1.4 In case, the bidder is an authorized representative or Subsidiary of an Indian Principal/ Foreign Principal, Purchase Orders issued in favour of the Indian Principal/ Foreign Principal shall also be accepted. However, the bidder to produce the following additional document(s) from the Indian Principal/Foreign Principal in addition to the documents required against point 1.3 above.

- A. Authorization letter from the Indian Principal/ Foreign Principal for participating in the tender.
- B. Single Point Responsibility undertaking from the Indian Principal/ Foreign Principal for the offered complete machine and future support related to spares and service.

Criteria 2: Availability of After sales in India

- 2.1 The Bidder must have existing after sales customer support network in India specifically for the offered Machine. Contact details of the after sales support network in India for the offered Machine to be submitted along with Technical Bid. If there is no service centre in India the offer will be rejected.
- 2.2 The bidder must submit a written undertaking along with technical bid that they will be in a position to supply all necessary spares, service and troubleshooting for a minimum period of 10 years from the date of successful commissioning of the Machine.

Prebid meeting: 06th Oct 2025 starting from 11:00 AM

Prebid will be held online in MS-Team. Kindly mail to manab.borah@nrl.co.in before prebid date & time to participate in the prebid meeting.

Minutes of Pre bid Meeting

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Venue: MS Team (Online)

Date & time of the meeting: Starting from 10/06/25, 10:53:50 AM till 10/06/25, 12:03:21 PM

Tender Reference No: GeM Bid Number: GEM/2025/B/6739465

Sub: Procurement of Industrial Grade 3D Printer based on Thermoplastic Material Extrusion Based Technology.

Members present

- 1. Manab Borah, CM(Com), NRL
- 2. Udayan Das, DGM, I/C (Com), NRL
- 3. Jyoti Bhushan Sarmah, CGM (BD)
- 4. Make3d
- 5. 3dcubic Jay
- 6. Jyoti Koladiya

The response against query raised by the participants in the prebid meeting and through email is mentioned under:

A. Queries from MAKE3D -

- 1. **Query:** Build-Plate (Point 7):

The specification mentions a non-heated flexible build sheet. In 3D printing, a heated build plate is essential for proper first-layer adhesion and to avoid warping, especially with engineering-grade materials. A non-heated plate will not support reliable printing. Kindly confirm if a heated build plate is acceptable.

NRL response:

Systems with a separately heated build plate are acceptable, provided build plate can sustain and operate reliably at chamber temperatures equivalent to 300°C or higher, ensuring consistent performance.

2. **Query:** Material Manufacturing Facility (Point 12):

Most global 3D printer OEMs do not manufacture filaments themselves. Instead, they design printers compatible with ISO-certified third-party engineering materials, ensuring flexibility and consistent quality. We request confirmation if ISO-certified third-party materials can be considered acceptable.

NRL Response: Not acceptable. Tender conditions prevail.

3. **Query:** Software Requirement (Point 17):

Typically, 3D printer OEMs integrate or recommend licensed third-party slicing software (such as Simplify3D or Cura) optimized for their machines. These are industry-standard, Windows-compatible solutions. Kindly confirm if such OEM-recommended third-party software may be accepted.

NRL response: Not acceptable. Tender conditions prevail.

4. **Query:** Printing Chamber Design (Point 6):

The tender specifies an oven-type heated chamber with multiple heat exchangers and blowers, and that all motion components should be placed outside. In practical design, industrial FDM printers are fully enclosed with HEPA + carbon filtration, maintaining a controlled ambient temperature for dimensional accuracy and part quality. Locating all motion components outside would make the printer non-compact and is not required for effective temperature control. Multiple heat exchangers also do not add value for FDM systems. Kindly confirm if a fully enclosed, filtered chamber maintaining ambient temperature will be acceptable.

NRL Response: Not acceptable. Tender conditions prevail.

B. Queries from 3D Cubic -

1. **Query:** Build Plate = heated required 30 to 125C or more

NRL response: The tender specifies a system operates within a fully heated build chamber capable of reaching 300 °C or higher, where the build plate naturally attains the chamber temperature. The deviation requested is not acceptable, tender conditions prevails.

2. **Query:** The software supplied must be from the same OEM and should be compatible with Windows 10 or higher version. Use of 3rd Party software is not accepted = we not have OEM software we work in latest software simplify 3d.

NRL response: Not acceptable. Tender conditions prevail.

3. **Query:** Chamber Temperature 300C or higher = not required chamber.

NRL response: The requirement for a chamber temperature of 300 °C or higher is essential for processing high-performance thermoplastics and ensures compatibility with future advanced materials that may require similar or higher thermal conditions. The deviation requested is not acceptable, tender conditions prevails.

3. Buyer uploaded ATC document [Click here to view the file.](#)

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

*This document shall overwrite all previous versions of Bid Specific Additional Terms and Conditions.

[This Bid is also governed by the General Terms and Conditions](#)