

**The National Small Industries Corporation Limited
 (A Government of India Enterprise)
 NSIC Bhawan, Okhla Industrial Estate,
 New Delhi-110020**

Date 24.04.2026

CORRIGENDUM /ADDENDUM- 1

Modifications/ Amendments in the RFP clauses.

RFP for Selection of Supplier for the Supply, Installation & Commissioning of Additive manufacturing – 3D Printing, Design and Reverse Engineering Training Lab Equipment at NTSC-Bodh Gaya (Bihar)

This is for attention of all the prospective bidders who intend to participate in the subject RFP published on 7th April 2026 on GeM Portal (GEM/2026/B/7420958).

#	Clause S. No. / Page No. in RFP	Existing Technical Specifications	Revised Technical Specifications
1.	8(c)/pg-18 (T&C) (New sub clause)	---	During the Comprehensive Warranty and Comprehensive Maintenance Contract (CMC), the successful bidder shall offer replacement of all parts, accessories, etc. including Print head /Nozzle /Hardened steel nozzle/ Laser Source / Digital Light Projector/ Digital Light unit (except for the raw materials). The Buyer is not liable to pay any extra charges on any account during warranty & CMC period.
2.	Annexure I(A)(1-5)/pg-23	The system shall support printing of engineering-grade thermoplastic materials, including: <ul style="list-style-type: none"> •Nylon (Polyamide) or equivalent engineering polymers. •Composite materials reinforced with chopped and/or continuous fibers such as carbon fiber / aramid fiber. •Materials suitable for producing high-strength, lightweight functional components. •ESD-safe materials for electrostatic discharge-sensitive applications. 	The system shall support printing of engineering-grade thermoplastic materials, including: <ul style="list-style-type: none"> •Nylon (Polyamide) or equivalent engineering polymers. •Composite materials reinforced with chopped and/or continuous fibers such as carbon fiber / aramid fiber. •Materials suitable for producing high-strength, lightweight functional components. •ESD-safe materials for electrostatic discharge-sensitive applications. •Fire retardant Material for electronics, automotive, and aerospace applications.

#	Clause S. No. / Page No. in RFP	Existing Technical Specifications	Revised Technical Specifications
3.	Annexure I(A)(1-14)/pg-23	<p>Auto queuing of slicing and printing Software shall allow the user to balance between strength and rigidity by selection of the entire body or any face of the CAD and vary its thickness with respect to the overall infill of the part Different modes for different balances of speed and resolution Post Print Feedback: Using Scan data against CAD data to check the accuracy up-to 20 microns.</p> <p>Software should be able to get native CAD Data like Step, Iges, X_t to slice the parts without loss of any mesh data.</p> <p>Software should be able to provide real time part build status update besides indicating build time and material consumption of the part.</p>	<p>Auto queuing of slicing and printing Software shall allow the user to balance between strength and rigidity by selection of the entire body or any face of the CAD and vary its thickness with respect to the overall infill of the part Different modes for different balances of speed and resolution. Post Print Feedback: Using Scan data against CAD data to check the accuracy up-to 20 microns.</p> <p>Software should be able to provide real time part build status update besides indicating build time and material consumption of the part.</p>
4.	Annexure I(C)(3-2.1)/pg-26	<p>The system shall be capable of producing metal components for:</p> <ul style="list-style-type: none"> •Industrial applications •Research & development applications •Medical device prototyping applications (where applicable) <p>The machine should support fabrication of functional components, prototypes and tooling parts.</p>	<p>The system shall be capable of producing metal components for:</p> <ul style="list-style-type: none"> •Industrial applications •Research & development applications •Medical device prototyping applications (where applicable). <p>The machine should be capable to produce FDA approved functional parts for medical devices & Implants.</p> <p>The machine should support fabrication of functional components, prototypes and tooling parts.</p>
5.	Annexure I(C)(3-3.1)/pg-26	Print object size minimum 150 × 150 × 150 mm cuboidal or cylindrical envelope.	Print object size minimum 140 × 140 × 110 mm cuboidal or cylindrical envelope.

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6.	Annexure I(C)(3-3.2)/pg-26	<p>Laser System</p> <ul style="list-style-type: none"> •The machine shall have minimum one laser system. •Laser power shall be minimum 400 W fiber laser or higher. •Provision for future upgrade of higher power or additional lasers (if supported) should be available. •Integrated laser power monitoring and calibration system shall be provided. 	<p>Laser System</p> <ul style="list-style-type: none"> •The machine shall have minimum one laser system. •Laser power shall be minimum 400 W (IPG / TRUMPF / nLIGHT/ Coherent / SPI) fiber laser or higher. •Provision for future upgrade of higher power or additional lasers (if supported) should be available. •Integrated laser power monitoring and calibration system shall be provided.
7.	Annexure I(C)(3-5)/pg-27	<p>Build/Process Parameters:</p> <p>Parameter Requirement Layer 30 – 80 microns or wider Thickness Part Accuracy ± 50 microns (as per ISO 2768 or equivalent)</p> <p>Build Rate Build rate shall be as per OEM specification depending on material and process parameters.</p> <p>Editable parameters shall include:</p> <ul style="list-style-type: none"> •Laser power •Scan speed •Hatch spacing •Spot size •Contour offset 	<p>Build/Process Parameters:</p> <p>Parameter Requirement Layer Thickness 20 – 80 microns or wider Scan Speed : \Rightarrow 7 meters/second or better Part Accuracy ± 50 microns (as per ISO 2768 or equivalent)</p> <p>Build Rate-Build rate shall be as per OEM specification depending on material and process parameters.</p> <p>Editable parameters shall include:</p> <ul style="list-style-type: none"> •Laser power •Scan speed •Hatch spacing •Spot size •Contour offset
8.	Annexure I(C)(3-11)/pg-27-28	<p>Job Handling System shall include:</p> <ul style="list-style-type: none"> •Build plate handling system •Powder container modules •Automated filter cleaning system •Industrial vacuum cleaner suitable for metal powders •Nitrogen Generator •Argon Gas Bank •Chiller Unit to be provided 	<p>Job Handling System shall include:</p> <ul style="list-style-type: none"> •Build plate handling system •Powder container modules •Automated filter cleaning system •Industrial vacuum cleaner suitable for metal powders •Nitrogen Generator •Argon Gas Bank •Chiller Unit to be provided (if required)

#	Clause S. No. / Page No. in RFP	Existing Technical Specifications	Revised Technical Specifications
9.	Annexure I(C)(3-14)/pg-28	<p>Software</p> <p>1.Machines shall be supplied with build preparation software capable of:</p> <ul style="list-style-type: none"> •STL repair •Support generation •Build orientation •Layer visualization •Build time estimation <p>2.Supported file formats:</p> <ul style="list-style-type: none"> •STL •3MF •OBJ •Ply <p>3.Software shall allow:</p> <ul style="list-style-type: none"> •Editing of process parameters •Part scaling and slicing •Build job management <p>4. Minimum 20 additional offline licenses shall be supplied for training purposes.</p> <p>5. All licenses shall be perpetual.</p>	<p>Software</p> <p>1.Machines shall be supplied with build preparation software capable of:</p> <ul style="list-style-type: none"> •STL repair •Support generation •Build orientation •Layer visualization •Build time estimation <p>2.Supported file formats:</p> <ul style="list-style-type: none"> •STL •3MF •OBJ •Ply <p>3.Software shall allow:</p> <ul style="list-style-type: none"> •Editing of process parameters •Part scaling and slicing •Build job management <p>4. Minimum 20 additional offline licenses shall be supplied for training purposes.</p> <p>5. All licenses shall be perpetual.</p> <p>6. The machine software should have in-built tool & capability for third-party material parameter development.</p> <p>7. Software should be integrated with Smart and automated generation Design of Experiments (DoEs) models for the most critical process parameters.</p> <p>8. Software should give Automatic part density calculation using microscopic images and smart image processing for development of new alloys parameters.</p>

#	Clause S. No. / Page No. in RFP	Existing Technical Specifications	Revised Technical Specifications
10	Annexure I(E)(5-21)/pg-32 (New sub clause)	---	3D scanner machine to be supplied with Reverse Engineering Software (10 users license) for Training.

All other terms & conditions of the RFP document shall remain the same.

This corrigendum forms an integral part of the RFP document.

This Addendum/ Corrigendum shall be signed & stamped by authorised signatory of the Bidder and be submitted along with Technical Proposal.

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Sr. GM (TTDV)
NSIC