



Directorate of Technical Education and Training, Odisha, Cuttack

Invites

REQUEST FOR PROPOSAL (RFP)

TO

**SETUP CENTRE OF EXCELLENCE IN ADVADDITIVE
MANUCATURING (3D PRINTING) AT GOVT.
POLYTECHNIC JAJPUR UNDER OMBADC DISTRICTS OF
ODISHA**

CORRIGENDUM

With extension of last date for submission of bids till 30.12.2023

NIT NO: DTE&T/2023-24/16675

DATE: 29.11.2023

Issuer:

Directorate of Technical Education and Training, Odisha (DTE&T)

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DTE&T invites RFP to setup Centre of Excellence in Additive Manufacturing (3D Printing) at Govt. Polytechnic Jajpur under OMBADC districts of Odisha

Directorate of Technical Education & Training, Odisha

NIT No: DTE&T/2023-24/16675

Cuttack, Dated: 29.11.2023

Directorate of Technical Education & Training, Odisha, invites Technical and Financial Proposals from the world's leading OEM companies of Additive Manufacturing (3D Printing) machines/equipment to setup Centre of Excellence in Additive Manufacturing (3D Printing) on **Turnkey Basis** and also provide technical training at Govt. Polytechnic Jajpur under OMBADC districts of Odisha.

Bidders are requested to submit their proposals to the undersigned as per the schedule indicated in the Fact Sheet, by post (Registered/Speed) or by persons (in hand) at the office of the DTE&T, Odisha. Based on the evaluation method mentioned in the RFP, the bidder will be selected.

For any further clarifications, please contact Dr. P K Mohanty (Deputy Director_Procurement, DTE&T), on Mobile: (+91) 9437307190 or Email:dtetorrisa@gmail.com, dtetodisha.procurement@gmail.com during official working hours only (10 am to 5 pm).

Sd/
DTE&T, Odisha

DISCLAIMER

The information contained in this Request for Proposal (herein after referred to either "TENDER") document or subsequently provided to the Bidders, whether verbally or in documentary or any other form by or on behalf of the Directorate of technical Education and Training herein after referred to as DTE&T, ODISHA, or any of their employees or advisors, is provided to the Bidder(s) on the terms and conditions set out in this RFP document and all other terms and conditions subject to which such information is provided.

DTE&T, ODISHA reserves the right to reject any or all of the proposals submitted in response to this RFP document at any stage without assigning any reasons whatsoever. DTE&T, ODISHA also reserves the right to withhold or withdraw the process at any stage with intimation to all who submitted the RFP response. DTE&T, ODISHA reserves the right to change/ modify/amend any or all of the provisions of this RFP Document. Such changes would be posted only in its website (www.dtetodisha.gov.in). Prospective bidders are requested to visit the website frequently to keep them abreast with the latest developments on this RFP.

This is not an agreement and is not an offer or invitation to enter into an agreement of any kind with any party. The purpose of this RFP is to provide interested parties with information that may be useful to them in making their technical & financial offers (Bids) pursuant to this RFP. This RFP includes statements, which reflect various assumptions and assessments arrived at by the DTE&T, ODISHA in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This RFP document may not be appropriate for all persons, and it is not possible for the DTE&T, ODISHA, their employees or advisors to consider the business/investment objectives, financial situation and particular needs of each Bidder who reads or uses this RFP document.

Each Bidder should conduct its own investigations and analysis and should check the accuracy, reliability and completeness of the information in this RFP document and wherever necessary obtain independent advice from appropriate sources. DTE&T, ODISHA, their employees and advisors make no representation nor warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of the RFP document.

Fact Sheet

Sl. No.	Milestone	Date
1	Request for Proposal (RFP) document made available to the bidders	30 th November'2023
2	Last date for receiving queries through email (if any)	06 th December'2023 by 2 PM
3	Pre-Bid Meeting/Response to queries	08 th December'2023 at 3:30PM (through virtual meeting)
4	Issue of Corrigendum (if any)	15 th December'2023 by 5 PM
5	Last date for receipt of Technical and Financial proposals (Sealed Envelope)	30 th December'2023 by 5 PM
6	Opening of Technical Proposals & Presentation and evaluation	To be communicated
7	Opening of Financial proposals of Bidders who qualify pre-qualification (technical) criteria	To be communicated
8	Bid Processing Fee (Non-refundable) (Demand Draft)	INR 10,000/- (Rupees Ten Thousand Only)
8	Earnest Money Deposit (EMD) (Bank Guarantee)	INR 5,00,000/- (Rupees Five Lakhs Only)
9	Performance Bank Guarantee	10% of Bid Value
10	Method of Selection	Quality and Cost-Based Selection (QCBS)
11	Contact Details	Directorate of Technical Education & Training, Odisha Killa Maidan, Buxi Bazar, Cuttack-753001 Phone No- (+91) 9437307190 Email-dtetorissa@gmail.com , dtetodisha.procurement@gmail.com

Note:

1. DTE&T, ODISHA reserves the right to change any schedule. Please visit the website mentioned in the RFP document regularly for the same.
2. Proposals must be submitted before the date, time and venue mentioned in the Fact Sheet. Proposals that are received after the deadline will not be considered.

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1. Introduction:

The Directorate of Technical Education and Training (DTE&T), Odisha, Cuttack looks after education at Technical Institutes/Colleges, Diploma and ITI level. It also provides Vocational Education in order to prepare the Youth for self-employment. The Department also promotes professional courses in Government and Private Sector.

DTE&T invites proposals from world leading OEM of Additive Manufacturing (3D Printing) equipment/machines “For selection of a Technology Partner to setup Centre of Excellences (CoEs) in Additive Manufacturing (3D Printing) on **turnkey basis** at **Govt. Polytechnic Jajpur** under OMBADC district of Odisha.

It is a turnkey project where the Technology Provider will be responsible for the supply of the technological product or equipment/machines (both Hardware and Software), commissioning of it and should provide hand-holding training for 1 year along with run the CoEs initially for a period of 1 Year, which may be extended for another 2 Years (as per the requirement of DTE&T Odisha) after mutual agreement. It must be state-of-the-art and industry relevant and should cater to the current and futuristic requirements of the industry.

DTE&T Odisha will provide clean space to setup the Center of Excellence. Technology Partner shall provide the Design of the labs but the specifications for Civil, Electrical and other works will be provided by DTE&T Odisha and Technology Partner shall setup the Centre of Excellence accordingly. Complete infrastructure setup will be the responsibility of the Technology Partner. These Center of Excellences should focus on developing skill excellence in the field of Additive Manufacturing. Through the training and implementation of industry-relevant technology and processes, the center should meet the demands of the industries.

2. Project overview and objectives:

This CoE should bridge the skill gap of students vis-à-vis industry needs and impart state-of-the-art industry-oriented training to help foster significant innovation and learning in technical education. The center is aimed at Industry connected skill development programs and hence the hand-holding training by the Technology Partner for minimum 1 year, will be the part of the Memorandum of Agreement (MoA).

This center should be on Build, Operate and Transfer Mode. All the Hardware should be of industrial standards. The software with perpetual license. DTE&T will provide the space and workshop at identified institution for the setup of CoE. The role of the company/firm will be to supply of equipment, installation (including minor civil works for installation), commissioning and complete setup of CoE, provide advanced skill training with international quality standard which will uplift the skill of state youth and assist them in finding sustainable placements in different industries by Industry connect programs. The company/firm will professionally operate and manage the CoE with institute faculties for the agreed period under supervision of DTE&T.

3. Scope of the Project:

The mission of establishing Centre of Excellence is to promote advancement and implementation of additive manufacturing concepts through Skill Development of students in state of Odisha along with self sustainability of the institute through technology support services to the industries.

The CoE, to be designed by the Technology Partner (TP), is envisioned to be setup as a State of the Art Centre of Excellence (CoE) in which the TP brings in their best in class equipment/ tools/ machines/ simulators (commonly referred to as equipment) to be used for training purposes. This COE will be located in an appropriate space offered by the DTE&T. This CoE will be managed professionally by the Technology Partner. The infrastructure for this CoE will be made ready by DTE&T Odisha as per the proposed design submitted by the selected Technology Partner.

This CoE will run under the overall operational management of the CoE Management Committee. The CoE Management Committee, under the Guidance of the DTE&T Odisha, will be responsible for devising and implementing a three-year rolling plan and ensuring that these CoE are constantly upgraded and provides a high technology ecosystem for skilling/ up- skilling/ re-skilling/ cross-skilling and multi-skilling. The Technology Partner, under the Guidance of the CoE Management Committee, will be expected to assist the DTE&T Odisha to mobilize students from other Private Technical Training Institutes/employees from the relevant industries for skilling, upskilling or re-skilling training, which will help to generate internal revenues (IRG) at the CoE, and can help in the sustainability of this CoE.

Overall administrative, quality and financial responsibilities including the management of the CoE, marketing, branding, management of hostels etc. will be the responsibility of the DTE&T. But, development of training course content, training plan, deployment of technical experts to provide training, assessments, award certificates to the successful trainees/trainers, provide placement support etc. will be the responsibility of the Technology Partner.

3.1. SCOPE OF THE TECHNOLOGY PARTNER (TP)

1. The CoE, to be designed by the Technology Partner, is envisioned to be setup as a State of the Art Centre of Excellence (CoE) in which the selected company brings in their best in class equipment/ tools/ machines/ simulators/software (commonly referred to as equipment) to be used for training purpose.
2. Supply, Installation & Commissioning of all the equipment. The TP must supply all new equipment/machineries at CoE.
3. Supply of necessary safety certificates from either national or international (for imported equipment) standard accreditation agency. Fire safety certificates for each supplied equipment.
4. The company shall provide warranty of supplied machineries/equipment for 36 months from the date of commissioning. The warranty does not include tools & tackles, consumables, PPE etc. After 3 Years of warranty, DTE&T Odisha may ask for AMC for another 3 years at the price quoted in the financial bid for AMC Cost.
5. Necessary minor civil works for installation of the equipment/machines at CoE, falls within the ambit of scope of work of selected bidder.
6. Supply of necessary table with storage cabinet to keep the 3D Printers and 05 nos. of desktop workstations for trainees and 01 laptop workstation for trainer, must be supplied by the Selected Bidder.
7. Provide necessary safety & training posters for the CoE.
8. Handholding for 12 months from the date of commissioning. Handholding should include the following but not limited to
 - I. The TP shall identify and formulate training programs to develop skills in futuristic/ disruptive technologies and associated skill sets required for industry ready.
 - II. To develop courses, course content, course work, manuals, standard operating procedures and standards, disseminate the same with the overall intent of improving the skill sets of individuals.
 - III. To impart high-end skills (and not generic skills) to Students, unemployed individuals and employed individuals (looking to up skill/ re-skill themselves).
 - IV. To conduct train the trainer and train the trainees' programs.
 - V. To conduct need based/ on-request training programs to cater to specialized requirements of corporate, and to generate revenues through these programs.
 - VI. To carry out assessment, certification of trainees.
 - VII. Preparation of Training Modules for Train the Trainers and Trainees. Advanced skill training curriculum with equivalent to NSQF level 5 or 6, in addition as per the demand of the industries should be included.
 - VIII. Select appropriate courses; design the course structure, curriculum and pedagogy based on industry demand. Selected bidder shall identify and formulate training programs to develop skills in futuristic/ disruptive technologies and associated skill sets required for industry ready.
 - IX. The TP shall design courses, curriculum, and pedagogy based on industry demand for placing before the CoE Management Committee constituted by DTE&T chaired by collector. Selected bidder shall

comply with the recommendations of CoE Management Committee and the same should be incorporated in the curriculum prior to the course commencement.

- X. Conduct training that meets industry standards by engaging appropriate faculties(qualified & experienced), facilities and technology like virtual classroom. Provide at least one Qualified and Experienced Faculty for the CoE with minimum Graduate or Diploma Engineer and 5 years of industry experience in relevant field.
 - XI. Providing Hard Copy of Training materials for Training of the Trainers and Trainees.
 - XII. The company has to ensure that the assessment is completed as per the standards in a fixed time frame and shall issue joint certificate to the passed out students with the help from Principal of designated institute or any valid certificate from international bodies.
9. The company shall furnish the proposal with details of courses, course content, course, work, manuals, pedagogy, standard operating procedures and standards, disseminate the same with the overall intent of improving the skill sets of individuals.
 10. The company shall assist placement/ employment through their channel partners for all trainees who will complete the courses successfully.
 11. Provide necessary Raw Materials & Consumables during hand-holding period as per the quantity mentioned in the Technical Specifications for each machines at Section 8.
 12. Bidder to visit Govt. Polytechnic Jajpur and they need to project thru 3D view, how they are planning to place all equipment at CoE.
 13. Selected Technology Partner shall provide Placement Support to the successfully trained and certified students.
 14. Selected Technology Partner shall be responsible to create a network with nearby industries to generate internal revenue (IRG) by utilizing the equipment/machineries of the CoE, finishing of 3D Printing related work as per the requirement of industries, providing the upskill training to the employees from the industries etc.

3.2. SCOPE OF DTE&T ODISHA

1. Provide infrastructure and space for setting up of the Centre of Excellence. DTE&T Odisha will provide the infrastructure as per the design proposed by the Technology Partner and the specifications finalized by DTE&T Odisha to setup the labs.
2. Conduct a pre-delivery inspection of sample equipment by its own technical experts or 3rd party agency/consultants/advisors appointed by DTE&T before the proposed equipment delivered by the executing partner at the proposed CoE. If the executing partner fails to comply with any of the quality, technical specification or clause mentioned in the RFP, and then the Contract will be terminated by DTE&T.
3. Provide necessary electrical power supply, water supply etc. required for installation and commissioning.
4. Provide necessary work permit.
5. Provide assistance for unloading of materials but unloading of equipment is responsibilities of selected bidder.
6. Provide necessary electrical connections, power backup and input power points as per the machine placing and requirement. Cabling lay out to be planned together with selected bidder. Provide required electrical connections of suitable/required load to nearest distribution box of the machines.
7. Provide necessary raw material & consumables for the training post hand holding period.
8. Provide the requisite hostel facilities for 30 students and use of existing workshop or infrastructure. However, additional infrastructure for storage (as per requirement) should be developed by the selected bidder.
9. Create a network of nearby institutes for capacity building and mentoring support. This is under the scope of DTE&T but selected bidder should extend support wherever required.
10. CoE can generate revenue through fees deposited by the admitted trainees and provide skilling, up-skilling/re-skilling training to the trainees from other private institutes. This is under scope of DTE&T. Trainees shall be admitted as per the eligibility criteria specified by CoE Management Committee.
11. CoE may train the semi-skilled technicians of nearby industries on payment, as fixed by CoE Management Committee.
12. CoE, may train the passed out trainees for nearby ITIs & Polytechnics as a value addition course, on the fees as fixed by CoE Management Committee.

3.3. JOINT SCOPE OF DTE&T AND TECHNOLOGY PARTNER

1. Selection of students for specialized course
2. Joint certification of successful trainees
3. Placement Support for the successful trained and certified trainees

4. MANAGEMENT OF COEs

- I. The management committee of the CoE will be consisting of representatives from selected bidder company, DTE&T, representatives from two industries, district employment officer, and district collector.
- II. DTE&T shall be sole authority to oversee all the training and administrative activities in the best interest of the State of Odisha.
- III. Company/firm shall support placement of trainees with the help of the particular Industry of each skill
- IV. DTE&T shall provide infrastructure facilities for the CoE.
- V. CoE Management Committee will be constituted by DTE&T for the overall guidance and the role of the committee will generally be limited to:
 - a) Review the periodic updating of syllabus, curriculum and course content ii). Review adequacy of courses offered viz – a – viz industry demand and suggest addition/ modification or discontinuation of courses and fixation of fees.
 - b) Periodic performance and placement evaluation against pre – defined milestones detailed under RFP document to be published.
 - c) Review, and if necessary, engage third party to evaluate the quality of equipment and training.
 - d) It will fix the eligibility criteria for admission/reservations etc. and mobilize students/industry employees from nearby cluster for admission.

5. Terms & Conditions:

Centre of Excellence in Additive Manufacturing (3D Printing) to be set up at Govt. Polytechnic, Jajpur under OMBADC district of Odisha on Turnkey Basis.

1. Bidders need to submit Pre-Qualification Criteria and Mandatory Documents along with Bid Processing Fee & their proposals [Technical Proposal (along with EMD) and Financial Proposal] separately in sealed inner envelopes, and clearly marked on the outside as PRE-QUALIFICATION, TECHNICAL PROPOSAL and FINANCIAL PROPOSAL, as appropriate. These three inner envelopes shall then be placed and sealed in one outer envelope clearly marked “**RFP to setup Centre of Excellence in Additive Manufacturing (3D Printing) at Govt. Polytechnic Jajpur under OMBADC district**”
2. Bidders must sign all pages of RFP by their authorized signatory and submit with technical bid.
3. Bidders must bid for all the equipment from list given at “Proposed equipment list for CoE”. Partial bid or selective equipment bids are not allowed.
4. **OEM of Additive Manufacturing (3D Printing) equipment companies or their authorized partner are invited to bid. No consortium biddings are allowed. Partial bidding is also not allowed.**
5. Price bid should have equipment wise breakup.
6. Bidder will have to declare minimum 5 years spare parts & service support availability post Warranty period of 3 years on their letter head.
7. Price bid should be submitted in the given format in Annexure II.
8. Bidders must quote for each new equipment for Additive Manufacturing CoE.
9. Warranty – 36 months from the date of commissioning.
10. Project completion Timeline and Payment Schedule for each CoEs mentioned in Section 10.
11. **Performance Security** – A performance security in the form of Bank Guarantee for 10% of the Bid Value to be submitted on receipt of the Contract Order (LoA). The Bank Guarantee will be valid for 42 months.

Comprehensive Maintenance Services during Warranty Period

The final selected bidder/supplier has to provide Comprehensive Warranty Maintenance Services for all equipment/machines (except raw materials, consumables, PPE and tools & tackles) at each CoE for 36 months from the date of successful installation & commissioning. The scope of the bidders is as below.

1. Maintenance Services shall consist of Preventive and Corrective maintenance of equipment specified in Section -7 (excluding raw materials, consumables, PPE and tools & tackles) & will include repair and replacement of parts free of cost.
2. Preventive maintenance, minimum twice in a year, which includes:
Check-up to ensure that device connection is proper; cabling is at proper condition etc.
Cleaning of the above instruments & equipments and checking the System Performance.
3. The final selected bidder has to conduct preventive maintenance services at least twice (2 times) in a year.
4. The parts replaced must be new parts or equivalent in performance to new parts.
5. Any complaint informed through telephone/email must be acknowledged with a Complaint No. by the Supplier which will be noted by Consignee. All further contact with the Supplier on such complaint will be initiated through that Complaint No. Once rectification done, that No. will be cancelled by both parties. A register is to be maintained by the Supplier where complaints are to be noted along with Complaint No.
6. The maintenance shall normally be done at the earliest.
7. The Service Engineer of the Supplier will be allowed to handle the respective plant & machineries only in presence of the officer in charge at the CoE site.
8. The Supplier should ensure that maintenance job is not hampered/ delayed due to paucity of spares/inadequate man power etc.
9. Normal response time for repair is 72 hours from the actual time of reporting of the problem to the Supplier.
10. Minor repair to be done within 7 days of complaint registered and for major breakdown or replacement of parts must be completed by 15 days from the complaint registered to supplier.

6.1 Pre-Qualification/Eligibility Criteria of the Bidders and mandatory documents

SL No.	Basic Requirement	Specific Requirements	Documents required
1	Legal Entity	The Bidder must be a Registered Proprietorship firm/A partnership firm/Private Limited Company in India	Copy of valid registration certificate & certificates of incorporation shall be enclosed as a proof
2	No Consortium	The Bidder should not bid under any Consortium. No Consortium bid shall be allowed for this RFP.	Self-declaration should be submitted
3	Continuation of Business	The Bidder company should have been in existence as a registered company in India for at least 05 years and must have prior experience of minimum 03 years in relevant field.	Incorporation certificate of the firm, registration certificate
4	OEM or Authorised Partner	The bidder should be original manufacturer (OEM) of additive manufacturing (3D Printing) equipment & machineries or Authorised Partner of the OEM.	A Self certified certificate on the letter head for OEM and Bid specific authorization from the OEM for their partners.
5	Service Centre	The company and its associates should have its service centres in Eastern India.	Details of service centres to be provided
6	ISO Certificate	The company should have ISO 9001, ISO 14001 & ISO 45001 certification.	Copy of valid certificates
7	Financial: Turnover	Average Annual Global Turnover of Rs.50 crores for each of the last FY 3 years of 2020-21, 2021-22, & 2022-23	*Audited financial statements/CA certified true copy stating the turnover *Audited Financial statements (Balance sheet, Profit & Loss

			Account/Income & Expenditure Statement, Cash flow statement, Notes on Account) including Income Tax Return with computation statement for the last three consecutive years (2020-21), (2021-22) & (2022-23)
8	Financial: Net Worth	The net worth of the bidder as per last published audited Balance Sheet i.e. for the year 2022-2023, should be Positive	CA Certificate with CA's Registration Number/ Seal
9	Tax registration and clearance	The bidder should have a registered number of i) GST ii) Income Tax / Pan number	Copies of relevant certificates of registration
10	Past Experience	The bidder company must have executed the job of setting up Centre of Excellence/lab in Additive Manufacturing (3D Printing) technology, at least in 2 training centres/industries. Individual supply of equipment will not be considered. The company must have executed a single similar project of value not less than Rs 1 Crore in a Government/Private Training Institute or engineering college or industry.	Copies of work orders/Client Certificates/work completion certificates from client
11	Blacklist	No bidder should have been blacklisted by any State Government or Central Government agencies or corporations governed by them.	Self-declaration in a notarized document
12	Mandatory Undertaking	Bidder should: - a) not be insolvent, in receivership, bankrupt or being wound up, not have its affairs administered by a court or a judicial officer, and must not be the subject of legal proceedings for any of the foregoing reasons; b) not have, and their directors and officers not have, been convicted of any criminal offence related to their professional conduct or the making of false statements or misrepresentations as to their qualifications to enter into a procurement contract within a period of three years preceding the commencement of the procurement process, or not have been otherwise disqualified pursuant to debarment proceedings; c) not have a conflict of interest in the procurement in question as specified in the bidding document. d) comply with the code of integrity as specified in the bidding document.	A Self certified certificate on the letter head
13	Minimum Qualification of Trainers for Hand-Holding Training at CoE	The company should provide experienced and skilled trainer for technical training. Trainers must be minimum Graduate or Diploma Engineer and 05 years of industry experience in relevant field.	

Note: Bidders are requested to visit GP Jajpur and inspect the existing lab and infrastructure before preparation and submission of their proposals.

6.2 Compliance on Technical & Financial Bids

Technical Bids must contain Technical details with deviation statement, copies of documents as per requirement & Copy of original standard printed catalogue.

Technical detail should contain complete specification of goods/scope of related services/list of deliverables with all technical and commercial terms and conditions. Bidders have to confirm the Technical and Commercial specifications as mentioned in this RFP document. (Ref: Technical Specification/Compliance Statement, Section-7) If there is any deviation(s), the same should be clearly specified in the given column. If there is no deviation, nil deviation should be mentioned per line specification. Standard Printed Catalogue should be submitted invariably. Compliance statement with respect to the technical specification mentioned in the offer and compliance statement should be further specified by indicating the catalogue page no /para number/line no for each specification.

Specifications of the equipment/Bill of quantity should be listed in the bid documents as per the RFP format and copy of Printed catalogues should be attached. Original printed catalogue of the tendered item to be couriered before opening date. The Model of the items and its Catalogue should be spelt out clearly. Offers without standard printed catalogue shall not be considered for evaluation. Specification as mentioned in the standard printed catalogue shall be considered for technical evaluation/comparison. The detailed specification of the product should also be available in the official website of the bidder/OEM so as to cross check the product while evaluating the technical bid. If there is inconsistency in specification provided in catalogue and website, decision of the evaluation committee shall be final. If offer is submitted for different model DTE&T Odisha reserves the right to accept the make/model more suitable for the purpose.

DTE&T may inspect the equipment as per the RFP document at the bidder's/ customer's premises where the bidder has supplied the particular tendered item before final evaluation. Bidder has to arrange for all in- house facility for the inspection. Inspection report of the visiting committee shall be final for evaluation of the bid.

Wherever there is significant inconsistency, specifically stipulation in the Technical Specifications as a part of bidding document and not complied by the bidder, in such cases, no clarifications shall generally be called [e.g. any response meeting the Technical Specifications should be supported by documents like catalogue, test charts etc. as specified in the bidding document. The bidders shall be considered non-responsive for non-submission of catalogue/test chart. However, DTE&T reserves the right to ask for clarification in case of genuine doubt and bid containing contradictory information, which is in general be for minor, non-material issues.

NOTE:

- 1. The parameters which are not available in the catalogue, the value should be mentioned in the column with supporting documents.**
- 2. Bidder must provide good quality videos and photos of the completed lab/Centre of Excellences already setup by them at training centres/industries in a Pen Drive with their technical bids.**
- 3. The bidder may suggest better specifications and features for the list of equipment/machines mentioned in the Section 7 with proper justifications. Bidder may add pages as per their requirement to prepare the compliance statement/justifications.**
- 4. Bidders are requested to share complete technical specifications and available features of the offered equipment/machines and software in addition to the technical specifications asked in this RFP document.**

7. Technical Specification/Compliance Statement of 3D Printing Machine & Equipment for the CoE in Additive Manufacturing at GP Jajpur.

(Ref Tender Clause No 6.2)

(To be submitted on bidder's Letter –head as part of Technical Bid)

Bidder's Name:

Address & Contact Detail:

Bidder's Reference No:..... Date:.....

Equipment list for CoE in Additive Manufacturing			
SL. NO.	ITEM DESCRIPTION	QTY	Make & Model
1	3D Printer with Extrusion based (FFF) AM technology	2 Nos	
2	3D Printer with Fused Deposition Modeling (FDM) AM technology	1 No	
3	3D Printer with Digital Light Printing Technology (DLP)	1 No	
4	Non-Laser Material Jetting technology 3D Printer	1 No	
5	Handheld Blue Light & Blue Laser Based Scanner	1 No	
6	3D Modeling Software (Perpetual License) & Laptop Workstation – 1 No	Perpetual License for 30 Users	
7	Desktop Workstation	5 Nos	
8	Interactive Touch Panel Board	1 No	
9	Tables/Stand with storage cabinets for 3D Printers	6 Nos	
10	Storage Almirah (minimum 2 doors)	1 No	
11	20 KVA Online UPS with 60 min Backup	1 No	
12	Dehumidifier with coverage area 6500 cubic feet	1 No	

8. Minimum Specifications of equipment/machines:

Technical Specifications of the listed equipment given above at Section-7 (Additive Manufacturing Equipment)

1. 3D Printer with Extrusion based (FFF) AM technology – 2 Nos

SL No.	Feature Description	Value	Bidder's Response
1	Technology:	Fused Filament Fabrication (FFF)	
2	Capability	Machine should be capable producing strong functional parts in engineering grade thermoplastics for various applications like functional prototyping, Tooling for Forming/ Casting applications, end use parts etc.	
3	Build Volume (W × D × H):	Minimum: 250x250x250 mm & Maximum: 300X300X300	
4	Electrical	Power Supply Input: 100-240 V AC, 50/ 60 Hz 230 V @ 2 A Power Supply Output: 24 V DC, 350 W	
5	Bed Temperature	120 °C Maximum	
6	Layer Thickness	Approx. 0.1 mm to 1 mm	
7	Accuracy:	100 to 400 microns	
8	Software:	Slicing and Control Software: Software supplied must be from the same OEM and should be compatible with Windows 8 or higher version. Software should support file types such as G -code, STL/OBJ/3MF/STP/IGS CAD package etc.	
		Software shall have options for user to edit the internal structure of each layer and/or group of layers of the CAD model.	
		Software shall be able to generate different internal customizable build styles (honeycomb to solid) along various regions/segment of the part along the same cross section.	
		Software shall have ability to pre-program pauses on any layer of the generated slice file to add metal inserts, change color of filament.	
		Software should have preset libraries of standard metal inserts and should auto change circular faces to match the diameter of the inserts as selected by the users.	
		The software should allow the user to create parts with optimal infill to vary between strength and rigidity. The user should be able to select a body or a face of any feature of a subassembly to vary between strength and rigidity.	
		Life time free update for the software	
9	Display Screen	Touch Screen, 7 inch or more	
10	Connectivity	Wi-Fi, LAN, USB Port	
11	Resume capacity on power failure and filament sensor	Required	
12	Structure	Powder coated with internal LED	
13	Leveling	Mesh-levelling with Flatness Detection	

14	Print Technology	Fused Filament Fabrication (FFF)	
15	Print Head System	Dual Extruder System (Dual extruder system with one nozzle for main material and one for support creation).	
16	Filament Diameter	1.75 mm	
17	Print Head Travel Speed	Should be changeable up to 60 mm/s	
18	Build Plate	Flexible for ease of removal	
19	Chamber Temperature	Should be able to reach up to maximum 110 Degree Celsius	
20	Build Plate Levelling	The printer should be capable to do Auto Probing for Bed levelling	
21	Supported Materials	Should support Materials like: ABS, ASA, PLA, TPU, Water Soluble Support Material, ABS Based Carbon composite material etc.	
22	Nozzles	Dual Wear Resistance Nozzles	
23	Nozzle Diameter	The Parameters should be pre fed in the slicing software & should not need to change nozzle to print different layer height. Standard nozzle diameter size should be 0.4mm only.	
24	Max Nozzle Temperature	The nozzle should reach up to 300 Degree Temperature	
25	Noise Emission (Acoustic)	The printer should be available with < 50 dB (A) when building	
26	Operating Ambient Temperature	The printer should be able to perform at 15-30 Degree Room temperature and 10-90% relative humidity non-condensing	
27	Part accuracy	Parts are produced within an accuracy of +/- .020 mm or +/- .002 mm/mm, whichever is greater.	
28	Machine Calibration	The machine shall automatically calibrate nozzle and build platform in X, Y and Z axis before the start of each job. Auto-calibration	
29	Monitoring	Live camera for tracking and monitoring	
30	Certification	Product should be BIS, WPC, CE, EU, ROHS certified. Certificates to be provided. ISO 9001: The bidder or the OEM of the offered product must have ISO 9001 Certification.	
31	Warranty	3 Years comprehensive for all the supplied items	
32	Operational and Facility Requirements	Machine compatible of working in office/lab environments setup. The system should be non-laser based and not emit the hazardous radiation.	
		Noise level of the machine at any point (idle/operational) should be less than 46dbA. Relevant documentation/test results to be provided.	
		Contaminants released during the operation of the machine should not be greater than 3ppm at any point of operation. Relevant documentation/test results to be provided	
		Vendors must also indicate the requirements of other mandatory facility requirements like vibration free flooring, anti – static environment etc.	

33	Supported 3D CAD Files Types	STL/OBJ/3MF/STP/IGS/CAD formats from Designing Software	
34	Other Features		
34.1	IoT Features: Remote dashboard and live camera feed. (When displayed on larger screen, students can better understand parameters and see live printing)		
34.2	Self-cleaning nozzle: (Improves the quality of printing)		
34.3	Inbuilt material storage.		
34.3	Smart filament sensor: Clogging and Material run out indication.		
34.4	Humidity and Temperature monitored filament dispenser.		
35	Accessories & consumables to be supplied		
	1. Other standard accessories as mentioned below shall be provided		
	Memory card -(1 No)		
	a) Udisk (32 Gb) -(2 Nos)		
	b) USB Cable – (1 No)		
	c) Power Cable - (1 No)		
	d) Spool Holder – (1 No)		
	e) Tool kit – (1 Set)		
36	Materials To Be Provided		
	Total 10 KG of Build Material of different type supported by the machine along with Soluble support materials to be provided along with the printer.		
37	Support Removable Cleaning Station To Be Supplied		

2. 3D Printer with Fused Deposition Modeling (FDM) AM technology – 1 No

SL No.	Feature Description	Value	Bidder's Response
	Technical Specifications		
1	Technology:	Fused Deposition Modeling (FDM) Latest Fused Deposition Modeling system with complete accessories and options for better utilization and maximum capabilities.	
2	Build Volume	500x500x500mm (X,Y,Z) or more	
3	Filament Diameter	1.75mm	
4	Nozzle Sizes	0.3/0.4/0.5/0.6/0.8mm/Brass/Hardened Steel	
5	Layer Height	0.08mm to 0.2mm (for 0.4mm Nozzle) varies based on Nozzle size	
6	Build Plate	Hardened Aluminum heated bed with Magnetic PEI sheet	
7	Heated Bed Max Temp	120 Degree C	
8	Extruder Nozzle Temperature	Should Be 400 Degree C or Better	
9	Extruder & Hot End	Dual Direct Drive All Metal Extruder	
10	Heated Chamber	Controlled heated environment up 60 Degree C	
11	Special Printing Capability	Quoted 3D Printer Should be capable of Printing with pallets of dia 2-6 mm	
12	X/Y Positional Accuracy	20 Microns or better	
13	Z Positional Accuracy	5 Microns or better	
14	Print Head Travel Speed	20mm/s to 120mm/s	
15	Casing	Aluminum	

16	Processor	32-bit ARM Cortex-M4	
17	Screen	12 Inch full view color Display Touch Screen	
18	Software	1. Slicing Software - Simplify 3D/ Cura 2. Input File Format - STL/OBJ/3MF 3. Operating Software - Windows, Mac, Linux 4. Output File Format - G code	
19	Materials	STD Polymers: PLA, ABS, PETG, Wood Fill, TPU, TPE, PC, Nylon ENGG Polymers: ASA, Carbon Fibre Infused, Glass Fibre Infused, ULTEM, PEEK, PP, PC-ABS, Nylon Composites Support Polymers: HIPS, PVA, Aquateck PVA, Thermax HTS High Temp Ceramic: White Zirconia, Black Zirconia, Alumina, Silicon Carbide Metal: SS-17-4, SS-316-L, Copper, Bronze, Inconel 718, H13	
FEATURES			
20	Ceramic & Metal Printing	Quoted Printer Should be capable of Printing Special materials like Metals & Ceramic with Further Upgradation of Supported Equipment. List Of Such Equipment will have to provide to GP Jajpur.	
21	Automatic Bed Leveling	BL-Touch Z Probe Auto leveling	
22	Resume Printing	After sudden power loss, resume printing capability	
23	Automatic Shutdown	Printer shuts down after completion of printing job	
24	Wifi	Yes	
25	Material detection	Material runout sensor for both extruder	
26	Run time parameter	Printing parameter can be change during printing.	
27	Z-Axis Microstepping	Z-axis microtuning during the printing	
28	Fully Enclosed Body	Powder Coated Aluminum Body	
29	Heated chamber	Controlled Heated Chamber	
30	HEPA Filter	Activated HEPA filter with exhaust fan for harmful fumes reduction.	
31	Idle Shutdown	If printer is idle for 30 min the printer will automatically shutdown.	
32	Materials To Be Provided Along with the Printer	5 KG ABS,5 KG PLA, 5KG TPU, 5KG NYLON,5KG ASA, 5 KG PC, 5 KG PETG	
33	Warranty	3 Years comprehensive for all the supplied items	
34	Special Feature	Printer Should have IOT enabled System.	

3. 3D Printer with Digital Light Processing Technology (DLP) – 1 No

SL No	Feature Description	Value	Bidder's Response
I. Technical Specifications			
1	Technology:	Digital Light Printing (DLP)	
2	Build volume (W × D × H)	Minimum: 300 × 150 × 300 mm Maximum: 350 × 300 × 400 mm	
3	XY resolution	2560 × 1440 or better	
4	Print speed	30 - 70 mm/h	
5	Layer Thickness	10 – 200µm	
6	Layer Height	50-100 micron or better	
7	Control Panel	Touch Screen 5 inches or more	
8	Resin Management	Auto Resin Feeding, Resin Level Detection, Resin Confirmation	
9	Supported Resins	Standard Resins, ABS Like, Water Washable, Castable, Aqua 4K resin, Rigid Resin, Engineering Grade Resin, Functional Part Grade Resin, Clear Resin, Elastic Resin etc. Resin Should be open Source.	
10	Software and Network Connectivity	Wi-Fi, LAN, USB port × 2, Live Camera Ethernet, Wireless 802.11 b/g/n	
	Network Slicing Software	(Features: Antialiasing; Auto Support; Auto Orientation; Auto Cross Section Analysis; Contour Compensation; Suction Cup Detection; Hollow; Drainage Hole; Texture Generation; Smaller G code Size) Raise Cloud	
	Remote Management Software	STL/ OBJ/ 3MF etc.	
	Supported File Types		
	Supported OS		
11	Material	Minimum 15 KG Of Different Resin based Material	
12	Warranty	3 Years comprehensive for all the supplied items	
13	Post Processing Station	UV Curing Chamber & IPA Wash Station to be supplied.	

4. Non-Laser Material Jetting technology 3D Printer – 1 No

SL No	Feature Description	Value	Bidder's Response
Technical Specifications			
1	Technology:	Non-Laser Material Jetting technology for 3D printing of part from 3D CAD model using a photopolymer liquid material.	
2	Applications	Functional Modeling Visual Modeling Concept Modeling	
3	Build Volume	Print Tray area with up to 1,174cm ² (182 in ²) Print Height: 158mm (6.22 in.) Maximum model height: 155 mm (6.1 in.)	
4	Layer Thickness	High Quality Speed (HQS) print mode at 18.75 microns (0.0007 in.)	
5	Accuracy	Parts produced should be within an accuracy of ±0.2% of part length or better.	
6	Capability	Machine should be able to print parts with 3 materials separately, as an assembly or in a mixed material option where you can achieve different mechanical properties & variable shore hardness in a single tray. It should meet	

		office environment standards with small footprint and is odor free.	
7	Material varieties to be Supported	The printer should support photopolymer resins including simulate clear, flexible and rigid materials including abilities to print with the combination of Rubber-like shore, High Impact , Rigid opaque and Translucent and transparent material. These materials can be printed simultaneously to achieve digital material compound parts, assembly parts, 3x single material parts and all together on the same tray.	
8	Pre fed Parameters	The parameters such as Nozzle Temperature, Chamber Temperature, and mixing etc should be pre-fed into the machine and slicing software. The printer/software should auto adjust all necessary parameters according to geometry and orientation. And the machine should be able to print any geometry without the user having to input/adjust the parameters.	
9	Support Material	The machine should be capable of water jet removable support as well as water soluble support to make post processing simple and enables the creation of complex parts without compromising accuracy or detail that dissolves in water. Water soluble support removal should be easy and hands free using a dishwasher or still water.	
10	Build Volume	Print Tray area with up to 1,174cm ² (182 in ²) Print Height: 158mm (6.22 in.) Maximum model height: 155 mm (6.1 in.)	
11	Layer Thickness	High Quality Speed (HQS) print mode at 18.75 microns (0.0007 in.)	
12	Accuracy	Parts produced should be within an accuracy of $\pm 0.2\%$ of part length or better.	
13	Slicing and Control Software	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. Software should be able to import any native CAD formats like igs, vrml. stp, parasolid, native files of CAD packages etc and be able to repair errors like open surfaces, inverted normal,etc. without use of any 3rd party software. Software shall be able to generate different customizable surface finish styles such as Glossy and Matte. Software allows users to import their designs using native CAD files or 3MF file formats. Software should be able to provide real time part build status update besides indicating build time and material consumption of the part. Software allows the user to add various jobs to a queue for sequencing and job management. Software should allow user to add manufacturing notes to sub-assembly, body or any face of the CAD model(s) imported. Software should generate reports of printer history, jobs printed, failures, maintenance, materials consumption etc.	
14	Operational and Facility Requirements	Machine should be table top and compatible of working in office/lab environments setup. The system should be able to perform operation silently with minimal moving parts. It should effectively captures fumes generated during the printing process and returns ultra-clean, filtered air to the	

		operator's breathing zone. It should only use model material for part printing. For any overhangs or supports it should always use support material.	
15	Material Handling	Material handling systems should be part of the Printer with automatic material loading, feeding and storage management system. All material canisters (model and support) should have feature to indicate the quantity of material available in the canister at any instance of the machine operation during idle or run time. Machine should contain separate position each for model and support material. The machine should automatically show material status if insufficient for the loaded part at the start of the job itself. Resin Material should be available in leak proof cartridges which can be directly inserted in the printer without having the need to expose the resin. Machine should auto-detect material type and remaining quantity. In case any specific print job requires extra material for the same print, Hot -swap should be available for at least 1 material.	
16	Connectivity and File Transfer	Ethernet protocol, USB and Wifi. User should have option of starting/ monitoring/pausing the job remotely.	
17	Display Feature	Machine should be capable to display the material availability in the canisters always. Display of the machine should indicate necessary parameters and screen should be of touch type with minimum 6.5 inches size.	
18	Regulatory Compliance	CE, FCC, EAC, cTUVus, CB, RCM	
19	Safety	Operations of machine should be in closed chamber with necessary safety measures.	
20	Warranty	At least 3 year comprehensive on-site warranty on complete set of equipment from the date of successful installation.	
21	Material Supply	(1.) Total 15 KG of all supported material including the support material to be provided along with printer. (2.) Supplier will have to supply support removable cleaning station along with the printer. Support must be removed by water pressure	
22	Support Cleaning Station	Water Jet System for part Cleaning will have to supply.	

5. Handheld Blue Light & Blue Laser Based Scanner – 1 No

SL No	Feature Description	Value	Bidder's Response
	Technical Specifications		
1	Light Source	Blue Structure Light & Blue Laser	
2	Number of Lasers	At least 14 Laser Lines	
3	Scan Resolution	0.04mm to 0.05mm	
4	Working Distance	Should be more than 400 mm The system should be Equipped with laser guiding laser pointers for Optimising measuring distance.	
5	Volumetric Accuracy	Should be under 60µm/m	
6	Scan Depth	More than 350 mm	
7	Scan Speed	Should be more than 1,000,000 Points/s	
8	Field of View	Should be more than 400 mm×400 mm	

9	Point to point distance	At least 50 µm	
10	Laser Class	It should be eye safe	
11	Connection type	USB 3.0 or Ethernet	
12	Weight	Should be less than 1 kg & Portable	
13	Dimension	None of the dimension should be greater than 200 mm	
14	Working Temperature	0°-40° C	
15	Working Humidity	Up to 90%	
16	Color Scan	It should be able to capture colour data.	
17	Import formats options for reverse engineering software	Point Cloud Data in ASCII file (*.asc, *.csv, *.xyz, *.txt), STL (*.stl); Mesh Data in STL (*.stl), PLY (*.ply), OBJ (*.obj) and CAD File Imported STEP (*.stp), IGES (*.iges), ACIS (*.sat). Import formats for measurement / inspection options: Import options of CAD neutral file formats like STEP (*.stp) and IGES (*.iges).	
18	Export formats options for reverse engineering software:	Point Cloud Data TXT (*.txt), XYZ (*.xyz), TSV (*.tsv), ASC (*.asc), CSV (*.csv); Mesh Data in STL (*.stl), OBJ (*.obj); CAD File STEP (*.stp), IGES (*.iges), ACIS (*.sat).	
19	Export formats options for 3D Scan data	Mesh – STL (*.stl), PLY (*.ply), JT-Open and Mesh Model. Geometry - CSV, ASCII, VDA, IGES	
20	Scanner Projection Technology	Speckle Projection Technology	
21	Capability	The scanner should be able to scan large parts (around 2 m long), all kind of engineering component.	
22	Software	The software should be able to post process the scanned data as per the requirements such as setting up user defined origin. Features like best fit for multiple scan model, alignments with base, mainly for Reverse Engineering. RE software should be of free of Cost.	
23	Power/Data Cable length	It should be at least 10 m.	
24	Protection	There shall be protection from Over/ Under Voltage at Input, Short Circuit & Over load	
25	Safety	The machine and its control units shall be equipped with safety device for protection of the operator and equipment.	
26	Warranty	3 Years Warranty to be provided along with the scanner.	
27	Demonstration and Training	Should be demonstrated different features at GP Jajpur by scanning large & Small engineering component. A training session should be conducted for maintenance of the scanner.	
28	Laptop Workstation – 1 No	Vender will have to supply compatible laptop for the scanner operation. Windows 10 Professional (64bit) or Higher, 64 GB RAM minimum, 1 TB SSD hard disk, nVIDIA Open GL Quadra graphics card 8GB or equivalent nVIDIA RTX graphic card, USB 3.0, Minimum Intel i7 processor or latest version or an equivalent system compatible with 3D scanners	
29	Certificate	Quoted Scanner Should Be BIS Certified	
30	Spray Bottles	Spray Bottles of 1 box free of cost must be supplied by the bidder	

6. 3D Modelling Software – 30 Users (Perpetual License)

- **Powerful Overdrive™ modeling kernel**
- **Easy to Learn & Use**

The built-in Show-n-tell tutorials reduce training costs and maximize productivity.

- **Powerful Data Exchange**

Directly read 3D models from CATIA, NX, Creo(Pro/E), SolidWorks, Solid Edge & Inventor. Support many different kinds of standard form, such as: IGS, DWG, DXF, Parasolid, Step, STL, JT

Directly export models to Catia V5/6 or 3D PDF.

PMI and 2D sheet

- 3D model associated PMI
- 3D model associated 2D drawing
- 2D drawing inherit dimension from PMI
- Customizable dimension and annotation style
- Easily reused table template and Sheet template

Hybrid Modeling

- Work seamlessly with wire frame, solids and surfaces
- Direct edit and Quick edit--- Easy and quick edit any imported geometry
- Communicating is easy with a complete 2D sheet
- Work with any imported file
- Class-A surface and powerful morphing

Assembly

- Design assemblies top-down & bottom up
- Quick edit part from assembly
- Check interference with built-in motion simulation
- Integrated Part Solutions Library
- Easy to activate the different part configuration and assembly configuration

Reverse Engineering

- Should have mainstream CAD/CAM system to offer built-in reverse engineering functionality.
- Work with STL, point cloud and scan data
- Refine meshes, build surfaces or repair gaps

Sheet Metal

- Flexible tools for designing sheet metal.
- Powerful analysis tools.
- Variable manufacturing information

Mold Design

- Automatic and manual parting lines, shutoffs, inserts, slides, cooling channels, core & cavity and mold bases
- Speeds creation of the mold electrodes and automatically handles offset and associative electrode tables
- Integrated libraries provide easy access for mechanical and mold designers

7. Desktop Workstation – 5 nos

Intel Core i7 processor and minimum 12th Gen
Tower Type Cabinet
Intel W580 Chipset
750W PSU
92% Efficiency
16 GB RAM (Upgradable upto 128 GB)
1TB HDD
7200 RPM + 512 GB M.2 NVME SSD *
GRAPHICS T1000 Quadro 4 GB Graphic Card
Window 11 Professional (OEM) and MS office recent version (Office 365).
Minimum 22” IPS Monitor
Key Board, Mouse, UPS and other accessories.
3 Years Onsite Warranty.

8. Interactive Touch Panel Board-1 No

S.N.	Feature	Specification
1	Interactive Panel Size	85 Inches or higher
2	Aspect Ratio	16:09
3	Resolution	3840x2160 (4K-UHD resolution)
4	Contrast Ratio	4,000:1 or higher
5	Brightness	350cd/m2 or higher
6	Response Time	6 ms or better
7	Viewing Angles	178°:178° (Horizontal/Vertical)
8	Backlight Life	50,000 Hours or more
9	Glass thickness	3mm or above
10	Special features	non-glare panel, Display should have feature to access a remote PC using RDP ,Office 365 Data or Virtual Desktop(External PC in same intranet can be access from display).
11	Touch Technology	Infrared Touch
12	Touch Point	10 points or higher
13	Input/ Output Interface or more	2xHDMI Input (3840x2160); 1xHDMI Output (3840x2160); 1xDisplay Port Input (3840x2160); 1xAudio Out; 1xRS232 Serial interface; 1xRJ45 LAN Port; 2xUSB 2.0 Type A; 1xUSB 3.0 Type A; 2xUSB 2.0 Type B (for touch)
14	Connectivity	WIFI, RJ45 wired and DC Port for OPS/PC
15	Speakers	2*10W built-in Speaker
16	Installation Type	Wall Mounting
17	Inbuilt OS	Windows/Android/Tizen ; 3 GB or above RAM DDR4; 16 GB or above ROM
19	Certifications	BIS, CE, UL, FCC,
20	Warranty	3 Yrs Support

9. Tables/Stand with storage cabinets for 3D Printers- 6 Nos

Necessary workbench/Table with storage cabinets must be supplied to keep the 3D Printers and accessories.

Minimum size of the tables given below.

1. Minimum (45 x 45 x 29) inches – 1 No.
2. Minimum (40 x 30 x 29) inches - 5 Nos.

10. Furniture

Storage Almirah (Minimum 2 Doors) – 1 No.

Almirah made of MS with front glass door for viewing the tools, accessories, consumables etc.

Powder coated

Provision to hang /place tools inside the almirah

Minimum H x W x D : (60 x 48 x 22) inches

11. 20 KVA Online UPS with 60 min Backup

Item Descriptions	
Rating in KVA(KVA)	20KVA; Must be conforming to IEC 62040-3;
Technology	IGBT-PWM with inbuilt Isolation transformer, external not allowed
Input Power	Three phase 160V- 260V sinewave, 50Hz
Output Power	Three Phase 230V +/-1% with alternative user set table setting of 230V +/-1% 50 Hz
Backup time (Minutes)	60
Minimum VAH(VAH)	12000 or Higher
Warranty for UPS (Years)	3
Movable trolley for Batteries	Without trolley but with rack
Warranty for battery	3
Cabling 5 meters for input and output	Without
Paralleling kit for synchronizing	Without
Installation and Commissioning	Yes
Minimum thickness of M.S. Sheet	1:2
Enclosure duly painted (mm)	
Type of Battery	SMF-VRLA conforming to JISC:8702 (Pt. I,II&III)
Maximum over shoot and Under shoot of output rated voltage	4
Voltage Regulation from no load to full load(%)	< /=3%
20% Overload limit for minimum 10 minutes	Yes
Overall Efficiency (%)	> /=90%
Total Harmonic Distortion (THD)(%)	Maximum 3%
50% Overload limit for minimum 1 minutes	Yes
Protection for under voltage at battery terminal at 10.5V per 12 V battery	Yes
Protection of Overvoltage, Short Circuit & over load at UPS output terminal	Yes

Digital Metering in UPS for AC Input Voltage, Output AC Voltage, Current, Frequency, Battery Voltage and Current	Yes
Indicators for mains presence, Battery charging and discharging, Output Over Load, Low Battery Voltage	Yes
Overload Rating:	125% for 10m and 150% for 60s
Battery charging	Adjustable charging cycle to extend battery operating life
Display & control	To notice the health status of the UPS system, there must be an instant visible communication system (for example multicolor LED system), so that in the event of failure or diagnosis of the UPS, the user will promptly acknowledge it
Operating temperature	0-40°C
Relative humidity	<95% not condensing
Noise at 1m(dBA)	<60
Reference product standards	EN/IEC62040-1, EN/IEC 62040-2, EN/IEC62040-3, CE, The Bidders Should be submitted the Certificate at the time of bidding.
Certification	The Bidder Should Submit Type Test Certificate of UPS same or higher rating issued from Central Govt. NABL accredited Laboratory of UPS Testing viz. ETDC(STQC)/ERTL/CPRI at the time of Bidding.
Protection	Protection against over temperature/fire & Lighting/surge
Damp Heat: in accordance with IS:9000(part 5/sec.2)1981 at Temperature of 40 degree C, two cycles of (12+12) hours each 2007)	Yes
Dry Heat Test: in accordance with IS:9000 (part 3/sec.5)1977 (reaffirmed 2007) at 55 degree C for 16 hrs	Yes
Cold Test: in accordance with IS:9000 (Part 2/Sec.4)1977(Reaffirmed2007)at 10degree C for 4 hrs.	Yes
Availability of the Type Test Report from Central Govt./NABL Accredited lab covering all technical requirements.	Yes
UPS Make	Eaton, RS Power, Socomec, Schneider, Emerson
Battery Make	Exide, Amar raja, Rellicel

12. Dehumidifier with minimum area coverage of 6500 cu.ft.

Supplier should provide dehumidifier to maintain Humidity level should be within suitable range for machine operation

Coverage Area: Minimum 6500 cu.ft.

Control System: Digital Control Panel

Warranty: 3 Years comprehensive warranty

9. Instruction to the Bidders

a. General Conditions

- a. All information supplied by bidders may be treated as contractually binding on the Bidders, on successful award of the assignment by DTE&T, Odisha on the basis of this RFP.
- b. No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed between DTE&T and the selected bidder. Any notification of preferred Bidder status by DTE&T shall not give rise to any enforceable rights by the Bidder. DTE&T may cancel the process at any time prior to a formal written contract being executed by DTE&T or post unsatisfactory of pre-delivery & post-delivery inspections (PDI).
- c. This RFP supersedes and replaces any previous public documentation & communications done in this regard, and Bidders should place no reliance on such communications.

b. Compliance / Completeness of Response

- a. Bidders are advised to study all instructions, forms, terms, requirements, appendices and other information in the RFP documents carefully. Submission of the Proposal shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications.
- b. Failure to comply with the requirements of this paragraph may render the Proposal non-compliant and the Proposal may be rejected. Bidders must:
 - i. Comply with all requirements as set out within this RFP.
 - ii. Submit the forms duly signed as specified in this RFP and respond to each element in the order as set out in this RFP.
 - iii. Include all supporting documentations duly attested by authorized person as specified in this RFP.
- c. The Proposals must be complete in all respects, Indexed and Hard Bound. The page numbers must be clearly marked on each page and cross reference be indicated on the Index Page.

c. Bidder Clarifications (Pre-Bid Discussion):

i. Queries to the RFP

- a. DTE&T, Odisha invites queries from Bidders on any section/ requirement mentioned in this RFP.
- b. The Bidders will have to ensure that their queries should reach DTE&T, Odisha, as per the communication address provided on or before the specified date for Pre-Bid Discussion. The queries should either be sent to the specified e-mail or through authorized representative of the Bidder. The queries should necessarily be submitted in the following format:

Section/Page No.	Content of RFP requiring clarifications	Change/Clarification requested	Remarks

ii. Responses to Queries and Issue of Corrigendum

- a. The queries submitted by the Bidders will be responded through a pre-bid meeting at DTE&T office as per the schedule mentioned in the Fact Sheet of this RFP document with only one representative from every interested bidder can participate in the pre-bid meeting.
- b. The purpose of Pre-Bid discussion is to provide the Bidders with information regarding the RFP, project requirements, and opportunity to seek clarification regarding any aspect of the RFP and the project. However, DTE&T, Odisha, reserves the right to hold or to reschedule the Pre-Bid meeting.
- c. DTE&T, Odisha shall not be responsible for ensuring that the Bidder's queries have been received by them. Any requests for clarifications received after Pre-Bid meeting will not be entertained.
- d. However, DTE&T, Odisha makes no representation or warranty as to the completeness or accuracy of any response made in good faith, nor does it undertake to answer all the queries that have been submitted by the Bidders
- e. DTE&T at any time prior to the last date for receipts of Proposals, may for any reason, modify the RFP Document by a corrigendum.
- f. The Corrigendum/Addendum (if any) will be uploaded at DTE&T website (www.dtetodisha.gov.in).
- g. Any such corrigendum shall be deemed to be incorporated into this RFP and binding on all Bidders.

d. Key Requirements of the Bid

i. Rights to terminate the process

- a. DTE&T, Odisha may terminate the RFP process at any time and without assigning any reason. DTE&T, Odisha makes no commitments, express or implied, that this process will result in a business transaction with anyone.
- b. This RFP does not constitute an offer by DTE&T, Odisha. The Bidders' participation in this process may result in engaging the Bidder towards execution of the Contract.
- c. Any document, information, data or statement submitted by the Bidder in its Proposals, based on which the selected Bidder was considered eligible or successful, is found to be false, incorrect or misleading.

ii. Bid Processing Fee

Bidders must submit, along with their Proposals, non-refundable Bid Processing Fee of INR 10,000/- (Rupees Ten Thousand Only), in the form of a Demand Draft issued in favour of DTE&T, Odisha payable at Cuttack.

iii. Earnest Money Deposit

- a. Bidders shall submit, along with their Proposals, EMD of INR 5,00,000/- (Rupees Five Lakhs Only), in the form of a Bank Guarantee issued in favour of DTE&T, Odisha payable at Cuttack, and should be valid for 225 Days from the due date of the RFP.
- b. EMD of all unsuccessful Bidders would be refunded within 45 Days of the Bidder being notified as being unsuccessful. The EMD, for the amount mentioned above, of the successful

Bidder would be returned within 45 Days, only after submission of Performance Bank Guarantee.

- c. EMD amount is interest free and will be refundable to the unsuccessful Bidder without any accrued interest on it.
- d. The Proposal submitted without Bid Processing Fee & EMD, mentioned above, will be summarily rejected.
- e. The EMD may be forfeited:
 - i. If a Bidder withdraws its Proposal during the period of validity.
 - ii. In case of a successful Bidder, if the Bidder fails to sign the Contract in accordance with this RFP.

iv. Submission of Responses

- a. Pre-qualification Criteria, mandatory documents and Bid Processing Fee (in a separate sealed envelope)
- b. Technical Proposal (in sealed envelope containing)
 - i. Earnest Money Deposit (in a separate sealed envelope)
 - ii. Technical Proposal (in a separate sealed envelope)
- c. Financial Proposal (in sealed envelope containing)
 - i. Cover Letter
 - ii. Financial Proposal

v. Authentication of Proposals

The Proposal should be authorized by the authorized signatory of the company. The Proposal shall be sent by Registered Post/Speed Post/Courier only. It is desirable but not mandatory that companies send their one representative during the opening of the bids and for technical presentation.

e. Preparation and Submission of Proposal

Proposal Preparation Costs

The Bidder shall be responsible for all costs incurred in connection with participation of the RFP process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/ discussions/ presentations, preparation of Proposal, in providing any additional information required by to facilitate the evaluation process, and in negotiating a definitive Contract or all such activities related to the process.

DTE&T will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the process.

Bidders are advised to visit the institutes before preparation and submission of their proposals.

i. Language

The Proposal should be filled by the Bidders in English language only. If any supporting documents submitted are in any language other than English, translation of the same in English language is to be duly attested by the Bidders. For purposes of interpretation of the documents, the English translation shall govern.

ii. Late Proposals

- a. Original hard copy of the RFP document, fees and EMD received after the due date and the specified time (including the extended period if any) for any reason whatsoever, shall not be entertained and shall be returned unopened.
- b. The Proposals must be submitted through Speed Post/Registered Post/Courier/By Hand (in persons). But, proposals submitted by telex/ telegram/ fax/ e-mail etc. shall not be considered. No correspondence will be entertained on this matter.
- c. DTE&T, Odisha shall not be responsible for any postal delay or non-receipt/ non-delivery of the documents. No further correspondence on the subject will be entertained.
- d. DTE&T, Odisha reserves the right to modify and amend any of the above-stipulated condition/ criterion depending upon project priorities vis-à-vis urgent commitments.

f. Evaluation Process

- a. The DTE&T reserves the right to reject any or all Proposals on the basis of any deviations.
- b. Each of the responses shall be evaluated as per the criteria and requirements specified in this RFP under the 'Evaluation and Selection' section.

i. Tender Opening

The Proposals submitted within due date and time mentioned in this RFP document will be opened by DTE&T, in the presence of the Bidders or their authorized representatives who may be present at the time of opening. The representatives of the Bidders should submit a letter of authorization from the Bidder companies to participate in the opening of the Proposal.

ii. Proposal Validity

The offer submitted by the Bidders shall be valid for a minimum period of 180 days from the date of submission of Proposal.

iii. Proposal Evaluation

Proposal evaluation and Selection will be carried out as per the specifications mentioned in the Section on 'Evaluation and Selection'.

g. Proposal Forms

Wherever a specific form is prescribed in this Request for Proposal (RFP) document, the Bidder shall use the form to provide relevant information. If the form does not provide space for any required information, space at the end of the form or additional sheets shall be used to convey the required information. For all other cases, the Bidder shall design a form to hold the required information. The additional sheets attached should be properly annexed.

h. Local Conditions

- a. Each Bidder is expected to become fully acquainted with the local conditions and factors, which may affect the performance of the Contract and/ or the cost.
- b. The Bidder is expected to know all conditions and factors, which may have any effect on the execution of the Contract after issue of letter of Award. The DTE&T, shall not entertain any request for clarification from the Bidder regarding such local conditions.

c. It is the Bidder's responsibility that such factors have been properly investigated and considered before submitting the Proposal. No claim, whatsoever, including that for financial adjustment to the Contract awarded under the bidding document will be entertained by DTE&T. Neither any change in the time schedule of the Contract nor any financial adjustments arising thereof shall be permitted by the DTE&T on account of failure of the Bidder to know the local laws/ conditions. The Bidder is expected to visit and examine and study the location of Govt. Polytechnic Jajpur and its surroundings and obtain all information that may be necessary for preparing the Proposal at its own interest and cost.

i. Contacting DTE&T, Odisha or any of the bodies related to DTE&T, Odisha

Any effort by the Bidder to influence the Proposal evaluation, Proposal comparison or Contract award decisions may result in the rejection of the Proposal.

Bidder shall not approach any DTE&T officer after office hours and/ or outside office premises, from the time of the Proposal opening till the time the Contract is awarded.

j. Tentative Schedule of Events

Tentative schedule of events shall be as per the dates and time given in the Fact Sheet.

k. Opening of Proposal

First, Pre-Qualification of bidders will be checked. Secondly, the Technical cover will be opened and evaluated for the bidders who qualify in the Pre-Qualification Criteria. The Financial Proposal of the technically qualified bidders will only be opened. The Technical Evaluation Committee will open the Proposals. Sequence of opening is as follows:

- a. Pre-Qualification Criteria
- b. Technical Cover
- c. Financial Cover

a. Pre-Delivery Inspection of sample equipment & Post-Delivery Inspection of all equipment

DTE&T will conduct a pre-delivery inspection of sample equipment before the proposed equipment delivered/shipped by the selected bidder/bidders to the CoE and post-delivery inspection of all equipment by its own technical experts or 3rd party agency/consultants/advisors appointed by DTE&T at the CoE.

Bidders failing to comply with any of the clause then the Bid will be summarily rejected. DTE&T reserves the rights to reject the bid any time without citing any reason thereof.

b. Deciding Award of Contract

a. DTE&T reserves the right to ask for a technical elaboration/clarification in the form of a technical presentation from the Bidder on the already submitted Technical Proposal at any point of time before opening the Financial Proposal by providing at least 3 working days of advance notice.

b. DTE&T shall inform those Bidders whose Proposals did not meet the requirement or were considered non-responsive, informing that their Financial Proposals will be not opened after completing the selection process. DTE&T shall simultaneously notify those Bidders who technically qualify on the Technical Evaluation process, informing the date and time set for opening of Financial Proposals.

c. The Bidder's name, the Proposal Price, the total amount of each Proposal and other such details, will be announced and recorded by the DTE&T at the opening of Proposal.

d. After acceptance of LoA, Performance Security has to be deposited as specified in this document for signing an Agreement with DTE&T.

e. Special Condition for Awarding the Agreement:

i. DTE&T will sign the Agreement with the successful Bidder for a period as mentioned in 'Duration of Contract' in the document.

ii. DTE&T may extend the Agreement for a time period beyond what has been specified in 'Duration of Contract' in the document.

iii. DTE&T will also have the right to provide extension/ increase in the scope of work as per the mutually agreed terms and conditions between both the parties.

c. Confidentiality:

a. As used herein, the term "Confidential Information" means any information, including information created by or for the other party, whether written or oral, which relates to internal controls, computer or data processing programs, algorithms, electronic data processing applications, routines, subroutines, techniques or systems, or information concerning the business or financial affairs and methods of operation or proposed methods of operation, accounts, transactions, proposed transactions or security procedures of either party or any of its affiliates or any client of either party, except such information which is in the public domain at the time of its disclosure or thereafter enters the public domain other than as a result of a breach of duty on the part of the party receiving such information. It is the express intent of the parties that all the business process and methods used by the Bidder in rendering the Services hereunder are the Confidential Information of the Bidder.

b. The Bidders shall keep confidential, any information related to this RFP, with the same degree of care as it would treat its own confidential information. The Bidders shall note that the confidential information will be used only for the purposes of this RFP and shall not be disclosed to any third party for any reason whatsoever.

c. At all-time of the performance of the Services, the Bidder shall abide by all applicable security rules, policies, standards, guidelines and procedures. The Bidder should note that before any of its employees or assignees is given access to the Confidential Information, each such employee and assignees shall agree to be bound by the terms contained under this RFP and such rules, policies, standards, guidelines and procedures by its employees or agents.

d. The obligations of confidentiality under this section shall survive rejection of the Contract.

d. Publicity

Any publicity by the Bidder containing the name of DTE&T should be done only with the explicit written permission from DTE&T.

e. Execution of the Agreement

After acknowledgement of the LoA by the selected Bidder, a performance guarantee amounting to 10% of Total Bid Value has to be deposited in the form of FDR/BG of any nationalized/scheduled bank drawn in the name of Director of Technical Education & Training, Odisha, the performance guarantee shall be valid for a period of 42 months from the

date of award of Contract as specified in the RFP document. The selected Bidder shall sign the Agreement within thirty days from the issue of LoA.

Agreement is mutually extendable post the completion of the initial term.

i. Performance Guarantee

The successful Bidder firm shall furnish the Performance Guarantee as stipulated in the section 'Contract Performance Guarantee' in this document.

f. Duration of Contract

The assignment of the work shall be valid initially for a period of 42 months.

g. Terms and Conditions: Applicable Post Award of Contract

ii. Termination Clause

1. Termination for Default

DTE&T, Odisha may, without prejudice to any other remedy for breach of contract, by a written notice of default of at least 30 days sent to the selected Bidder, terminate the Contract in whole or in part (provided a cure period of not less than 90 days is given to the selected Bidder to rectify the breach):

- a. If the selected Bidder fails to deliver any or all quantities of the equipment or services within the time period specified in the Contract, or any extension thereof granted by; or
- b. If the selected Bidder fails to perform any other obligation under the Contract within the specified period of delivery of service or any extension granted thereof; or
- c. If the selected Bidder, in the judgment of DTE&T, Odisha, is found to be engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract.
- d. If the selected Bidder commits breach of any condition of the Contract

If DTE&T, Odisha terminates the Contract in whole or in part, the amount of Performance Guarantee shall be forfeited. Notwithstanding anything contrary elsewhere contained in the document, Bidder shall be entitled for all the payments accrued on account of services rendered till the date of such termination.

2. Termination for Insolvency

DTE&T, Odisha, may at any time terminate the Contract by giving a written notice of at least 30 days to the selected Bidder, if the selected Bidder becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the selected Bidder, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to DTE&T, Odisha.

3. Termination for Convenience

a. DTE&T, Odisha by a written notice of at least 30 days sent to the selected Bidder may terminate the Contract, in whole or in part, at any time for its convenience. The Notice of termination shall specify that termination is for DTE&T, Odisha's convenience, the extent to which performance of the selected Bidder under the Contract is terminated, and the date upon

which such termination becomes effective.

b. In such cases, DTE&T, Odisha will pay for the entire pending invoice as well as the work done till that date by the Bidder.

c. Depending on merits of the case the selected Bidder may be appropriately compensated on mutually agreed terms for the loss incurred by the Contract if any, due to such termination.

d. Limitation of Liability: In no event shall either party be liable for consequential, incidental, indirect, or punitive loss, damage or expenses (including lost profits). Notwithstanding anything to contrary elsewhere mentioned in the contract, the selected Bidder shall not be liable to the other here under or in relation here to for more than the value of the fees to be paid (including any amounts invoiced but not yet paid) under this Agreement.

4. Termination by DTE&T, Odisha

a. The DTE&T, Odisha may, by not less than 30 days written notice of termination to the Bidder, such notice to be given after the occurrence of any of the events, terminate this Agreement if:

i. The selected Bidder fails to remedy any breach hereof or any failure in the performance of its obligations here under as specified in a notice of suspension, within thirty (30) days of receipt of such notice of suspension or within such further period as the may have subsequently granted in writing;

ii. The selected Bidder becomes insolvent or bankrupt or enters into any agreement with its creditors for relief of debt or take advantage of any law for the benefit of debtors or goes into liquidation or receivership whether compulsory or voluntary;

iii. The selected Bidder fails to comply with any final decision reached as a result of the Dispute Resolution mechanism/proceedings.

iv. The selected Bidder submits to the DTE&T, Odisha a statement which has a material effect on the rights, obligations or interests of DTE&T, Odisha and which the selected Bidder knows to be false.

b. Any document, information, data or statement submitted by the Bidder in its Proposals, based on which the selected Bidder was considered eligible or successful, is found to be false, incorrect or misleading; or as the result of Force Majeure, the selected Bidder is unable to perform a material portion of the Services for a period of not less than sixty(60)days

c. If the DTE&T, Odisha would like to terminate the Contract for reasons not attributable to the selected Bidder's performance, they will need to clear all invoices for the Services up to the date of the notice. If the DTE&T, Odisha would like to terminate the Contract for reasons attributable related to the selected Bidder's performance, the DTE&T will give a rectification notice for 3 months to the Bidder in writing with specific observations and instructions.

5. Consequences of Termination

a. In the event of termination of the Contract due to any cause whatsoever, [whether consequent to the stipulated term of the Contract or otherwise], DTE&T, Odisha shall be entitled to impose any such obligations and conditions and issue any clarifications as may be necessary to ensure an efficient transition and effective business continuity of the Service(s) which the Bidder shall be obliged to comply with and take all available steps to minimize loss resulting from that termination/breach, and further allow the next successor Bidder to take over the obligations of the rest while Bidder in relation into the execution/continued

execution of the scope of the Contract.

b. Nothing herein shall restrict the right of DTE&T, Odisha to invoke guarantees, securities furnished, enforce the Deed of Indemnity and pursue such other rights and/or remedies that may be available to the under law or otherwise.

c. The termination here of shall not affect any accrued right or liability of either Party nor affect the operation of the provisions of the Contract that are expressly or by implication intended to come into or continue in force on or after such termination.

iii. Delay Charges

a. Notwithstanding the right of DTE&T, Odisha to cancel the order, Delay Charges for late delivery at 1% (One percent) of the undelivered portion of order value per month will be charged for every month's delay in the specified delivery schedule subject to a maximum of 10% of the value of the contract. Delay Charges should be recouped from Performance Guarantee. No Damage will be charged in case of circumstances beyond control of the Company.

b. Please note that the above Delay Charges for delay in delivery and delay in commissioning are independent of each other and shall be levied as the case maybe.

c. DTE&T, Odisha reserve its right to recover these amounts from Performance Guarantee. Delay Charges will be calculated on per week basis.

d. The cumulative and aggregate limit of Delay Charges for delay in delivery and Delay Charges for delay in commissioning would be limited to maximum of 10% of the total Bid Value. The aggregate liability of the Company shall in no event exceed the total value of the fee received under this Contract.

iv. Dispute Resolution Mechanism

a. The DTE&T, Odisha and the selected Bidder shall make every effort to resolve amicably by direct negotiations, any disagreement or dispute, arising between them under supply order.

b. All claims and disputes arising under or relating to this Agreement are to be settled by binding arbitration in the state of Odisha. An award of arbitration may be confirmed in a court of competent jurisdiction. Arbitration shall be as per Indian Arbitration Act, 1996.

c. The DTE&T, Odisha may terminate this contract, by giving a written notice of termination of minimum 30 days, to the selected Bidder, if the selected Bidder fails to comply with any decision delivered by DTE&T, Odisha.

v. Notices

Notice or other communications given or required to be given under the Contract shall be in writing and shall be e-mailed followed by hand-delivery with acknowledgement thereof, or transmitted by prepaid registered post or courier. Any notice or other communication shall be deemed to have been validly given on date of delivery if hand delivered & if sent by registered post than on expiry of seven days from the date of posting.

vi. Force Majeure

Force Majeure is herein defined as any cause, which is beyond the control of the selected Bidder or DTE&T, Odisha as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the Contract, such as:

- a. Natural phenomenon, including but not limited to floods, droughts, earthquakes and epidemics.
- b. Acts of any government, including but not limited to war, declared or undeclared priorities, quarantines and embargo.
- c. Terrorist attack, public unrest in work area provided either party shall within 10 days from occurrence of such a cause, notifies the other in writing of such causes.
- d. The selected Bidder or DTE&T, Odisha shall not be liable for delay in performing his/her obligations resulting from any force majeure cause as referred to and/ or defined above.

Force Majeure shall not include any events caused due to acts/ omissions of such Party or result from a breach/contravention of any of the terms of the Contract, Proposal and/or the Request for Proposal (RFP). It shall also not include any default on the part of a party due to its negligence or failure to implement the stipulated/proposed precautions, as were required to be taken under the Contract. The failure or occurrence of a delay in performance of any of the obligations of either party shall constitute a Force Majeure event only where such failure or delay could not have reasonably been foreseen, or where despite the presence of adequate and stipulated safeguards the failure to perform obligations has occurred. In such an event, the affected party shall inform the other party in writing within five days of the occurrence of such event. The DTE&T, Odisha will make the payments due for Services rendered till the occurrence of Force Majeure. However, any failure or lapse on the part of the Selected Bidder in performing any obligation as is necessary and proper, to negate the damage due to projected force majeure events or to mitigate the damage that may be caused due to the above mentioned events or the failure to provide adequate disaster management/ recovery or any failure in setting up a contingency mechanism would not constitute force majeure, as set out above.

In case of a Force Majeure, all Parties will endeavor to agree on an alternate mode of performance in order to ensure the continuity of Service and implementation of the obligations of a party under the Contract and to minimize any adverse consequences of Force Majeure.

In case, Force Majeure hindrances the validity, performance guarantee and project duration should be extended accordingly as desired by Govt.

vii. Failure to agree with Terms and Conditions of the RFP

Failure of the successful Bidder to agree with the Terms & Conditions of the RFP shall constitute sufficient grounds for the annulment of the award, in which event may invoke the PBG of the successful Bidder and award the contract to the next best value Bidder or call for new Proposals from the interested Bidders.

h. Contract Performance Guarantee

a. Within 21 days after the receipt of notification of award of the Contract from, the successful Bidder shall furnish Contract Performance Guarantee to the DTE&T, Odisha which shall be equal to 10% of Total Bid Value and shall be in the form of a Bank Guarantee Bond from any Nationalized Bank/ Scheduled bank in the Performa given here-in-after in this document valid for period of 42 months from the date of award of Contract as specified in the document.

b. The proceeds of the performance guarantees shall be payable to the DTE&T, Odisha as compensation for any loss/ penalties resulting from the Selected Bidders failure to complete its obligations under the Contract.

c. The performance guarantee will be released by DTE&T, Odisha and returned to the Selected Bidder after 42 months from the date of award of Contract as specified in the document.

i. Statutory Requirements

During the tenure of this Contract, nothing shall be done by the Selected Bidder in contravention of any law, act and/ or rules/ regulations, there under or any amendment thereof governing inter-alia customs, stowaways, foreign exchange etc. and shall keep indemnified in this regard.

j. Contract administration

a. Either party may appoint any individual/Company as its authorized representative through a written notice to the other party. Each Representative shall have the authority to:

i. Exercise all of the powers and functions of his/ her Party under this Contract, other than the power to amend this Contract and ensure proper administration and performance of the terms hereof; and

ii. Bind his or her Party in relation to any matter arising out of or in connection with this Contract.

iii. The Selected Bidder shall be bound by all undertakings and representations made by the authorized representative of the Selected Bidder and any covenants stipulated hereunder, with respect to this Contract, for and on their behalf.

iv. For the purpose of execution or performance of the obligations under this Contract, the DTE&T, Odisha's, representative would act as an interface with the nominated representative of the Selected Bidder. The Selected Bidder shall comply with any instructions that are given by the representative during the course of this Contract in relation to the performance of its obligations under the terms of the Contract.

v. A committee comprising of representatives from the DTE&T, Odisha and the Selected Bidder shall meet on a quarterly basis to discuss any issues/ bottlenecks being encountered. The Selected Bidder shall draw the minutes of these meetings and circulate to the DTE&T, Odisha.

k. Right of Monitoring, Inspection and Periodic Audit

The DTE&T, Odisha reserves the right to inspect and monitor/ assess the progress/ performance at any time during the course of the Contract, after providing due notice to the Selected Bidder. DTE&T, Odisha may demand, and upon such demand being made, the selected Bidder shall provide with any document, data, material or any other information required to assess the progress of the project. DTE&T, Odisha shall also have the right to conduct, either itself or through any another consultant/ advisor as it may deem fit, an audit to monitor the performance by the Selected Bidder of its obligations/ functions in accordance with the standards committed to or required by DTE&T, Odisha and the Selected Bidder undertakes to cooperate with and provide to DTE&T, Odisha/ any other Consultant/ Advisor/ Company appointed by DTE&T, Odisha, all documents and other details as may be required by them for this purpose. Any deviations or contravention identified as a result of such audit/ assessment would need to be rectified by the Selected Bidder failing which DTE&T, Odisha may, without prejudice to any other rights that it may have, issue a notice of default.

l. DTE&T, Odisha's Obligations

DTE&T, Odisha shall interface with the Selected Bidder, to provide the required information, clarifications, and to resolve any issues as may arise during the execution of the Contract.

DTE&T, Odisha shall ensure that timely approval is provided to the selected Bidder, where deemed necessary, which should include diagram/ plans and all specifications related to Services required to be provided as part of the Scope of Work.

m. Information Security

The selected Bidder would sign a Non-Disclosure Agreement with the DTE&T, Odisha to ensure information security and confidentiality of processes, information and the various projects and activities taken up during the period of the agreement.

The Selected Bidder shall not carry and/ or transmit any material, information, layouts, diagrams, storage media or any other goods/ material in physical or electronic form, which are proprietary to or owned by DTE&T, Odisha, out of premises, without prior written permission from the DTE&T, Odisha.

The Selected Bidder shall, upon termination of this agreement for any reason, or upon demand by DTE&T, Odisha, whichever is earliest, return any and all information provided to the Selected Bidder, including any copies or reproductions, both hard copy and electronic.

n. Indemnity

The Selected Bidders shall execute and furnish a Deed of Indemnity in favor of the DTE&T, Odisha, in a form and manner acceptable to the, indemnifying from and against any costs, loss, damages, expense, claims including those from third parties or liabilities of any kind how- so-ever suffered including patent, copyright, trademark and trade secret, arising or incurred inter-alia during and after the Contract period out of:

- a. Negligence or wrongful act or omission by the Selected Bidder or its team or any Company/ Third Party in connection with or incidental to this Contract; or
- b. Any breach of any of the terms the Selected Bidder's Proposal as agreed, the Tender and this Contract by the Selected Bidder, its Team or any Company/ Third Party.
- c. The indemnity shall be to the extent of Total Bid Value.

o. Bid Prices

Bid Price should have equipment wise breakup and including Freight, GST and any other taxes & duties. Bid price should be valid for minimum 180 days from the date of Financial Bid opening.

Prices quoted must be firm and shall not be subject to any upward revision on any account what-so-ever throughout the period of the engagement.

p. Payment Schedule

Payment will be made to the selected company as per the schedule mentioned in **section 10**. "Deliverable and Payment Schedule"

q. Continuance of the Contract:

Notwithstanding the fact that settlement of dispute(s) (if any) may be pending, the parties hereto shall continue to be governed by and perform the work in accordance with the provisions under the Scope of Work to ensure continuity of operations.

r. Conflict of interest

The Bidder shall disclose to DTE&T, Odisha in writing, all actual and potential conflicts of interest that exist, arise or may arise in the course of performing the Service(s) as soon as practical after it becomes aware of that conflict.

s. Severance

In the event any provision of the Contract is held to be invalid or unenforceable under the applicable law, the remaining provisions of this Contract shall remain in full force and effect.

t. Governing Language

The Agreement shall be written in English language. Subject to below Clause, such language versions of the Agreement shall govern its interpretation. All correspondence and other documents pertaining to the Contract that are exchanged by parties shall be written in English language only.

u. “No Claim “Certificate

The Selected Bidder shall not be entitled to make any claim, whatsoever against, under or by virtue of or arising out of, the Contract, nor shall entertain or consider any such claim, if made by the Selected Bidder after it has signed a “No claim” certificate in favor of DTE&T, Odisha in such form as shall be required by it after the work is finally accepted.

v. Publicity

The Selected Bidder shall not make or permit be made a public announcement or media release about any aspect of this Contract unless DTE&T, Odisha first gives its written consent to the selected Bidder.

w. General

viii. Relationship between the Parties

Nothing in the Contract constitutes any fiduciary relationship between the DTE&T, Odisha, and Selected Bidder/Bidder’s Team or any relationship of employer/employee, principal and agent, or partnership, between DTE&T, Odisha and Selected Bidder.

No Party has any authority to bind the other Party in any manner whatsoever except as agreed under the terms of the Contract.

DTE&T, Odisha will not be under any obligation to the Implementing Company’s Team except as agreed under the terms of the Contract.

ix. No Assignment

The Selected Bidder shall not transfer any interest, right, benefit or obligation under the Contract without the prior written consent of the DTE&T, Odisha.

x. Survival

The provisions of the clauses of the Contract in relation to documents, data, processes, property, Intellectual Property Rights, indemnity, publicity and confidentiality and ownership survive the expiry or termination of this Contract and in relation to confidentiality, the obligations continue to apply unless notifies the Selected Bidder of its release from those obligations.

xi. Entire Contract

The terms and conditions laid down in the Request for Proposal (RFP) and all annexure thereto as also the Proposal and any attachments/ annexes thereto shall be read in consonance with and form an integral part of the Contract. The Contract supersedes any prior contract, understanding or representation of the Parties on the subject matter.

xii. Governing Law

This Contract shall be governed in accordance with the laws of India.

xiii. Jurisdiction of Courts

The High Court of Odisha at Cuttack, has exclusive jurisdiction to determine any proceeding in relation to the Contract.

xiv. Compliance with Laws

The Selected Bidder shall comply with the laws in force in India in the course of performing the Contract.

xv. Notices

A “notice” means:

- i. A Notice; or
- ii. A consent, approval or other communication required to be in writing under the Contract.

All notices, requests or consent provided for or permitted to be given under this Contract shall be in writing and shall be deemed effectively given when personally delivered or mailed by prepaid certified/registered mail, return receipt requested, addressed as follows and shall be deemed received within two days after mailing or on the date of delivery if personally delivered:

To,

Director,

Directorate of Technical Education & Training, Odisha,

Killa Maidan, Buxi Bazar, Cuttack 753001

Phone No : 0671-2301061, Fax –0671-2301961

Email : dtetorissa@gmail.com & dtetodisha.procurement@gmail.com

Any Party may change the address to which notices are to be directed, by giving a notice to the other party in the manner specified above. A notice served on a Representative is taken to be notice to that Representative’s Party.

xvi. Waiver

Any waiver of any provision of this Contract is ineffective unless it is in writing and signed by the Party waiving its rights.

A waiver by either Party in respect of a breach of a provision of this Contract by the other Party is not a waiver in respect of any other breach of that or any other provision.

The failure of either Party to enforce at any time any of the provisions of this Contract shall not be interpreted as a waiver of such provision.

xvii. Modification

Any modification of the Contract shall be in writing and signed by an authorized representative of each Party.

xviii. Taxes

The Bidder shall pay service and other applicable taxes, if any, imposed on the Services under this Contract. Any variation to statutory duties/taxes shall be borne by DTE&T.

xix. Application

These General Conditions shall apply to the extent that provisions in other parts of the Contract do not supersede them.

x. Fraud and Corrupt Practices

xx. Fraud and Corrupt Practices

a. The Bidders and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Selection Process. Notwithstanding anything to the contrary contained in this RFP, DTE&T, Odisha shall reject a Proposal without being liable in any manner whatsoever to the Bidder, if it determines that the Bidder has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice (collectively the "Prohibited Practices") in the Selection Process. In such an event, DTE&T, Odisha shall, without prejudice to its any other rights or remedies, appropriate the Bid Security or Performance Security, as the case maybe, as mutually agreed genuine pre-estimated compensation and damages payable to DTE&T, Odisha for, inter alia, time, cost and effort of DTE&T, Odisha, in regard to the RFP, including consideration and evaluation of such Bidder's Proposal.

b. Without prejudice to the rights of DTE&T, Odisha under Clause above and the rights and remedies which DTE&T, Odisha may have under the LoA or the Agreement, if an Bidder, is found by DTE&T, Odisha to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Selection Process, or after the issue of the LoA or the execution of the Agreement, such Bidder shall not be eligible to participate in any tender or RFP issued by DTE&T, Odisha during a period of 2(two) years.

c. For the purposes of this Section, the following terms shall have the meaning hereinafter respectively assigned to them:

i. "corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of any person connected with

the Selection Process

i. “Fraudulent practice” means a misrepresentation or omission of facts or disclosure of incomplete facts, in order to influence the Selection Process;

ii. “Coercive practice” means impairing or harming or threatening to impair or harm, directly or indirectly, any persons or property to influence any person’s participation or action in the Selection Process;

iv. “undesirable practice” means (i) establishing contact with any person connected with or employed or engaged by with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Selection Process; or(ii) having a Conflict of Interest; and

v. “Restrictive practice” means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the Selection Process.

Y. Documents/Details to be submitted

The RFP shall be submitted with documents specified below with annexures.

SL.No	Document Description
1	Proposal Covering Letter as per Annexure I
2	Financial Proposal Format as per Annexure II
2	Applicant details as per Annexure III
3	Relevant document for Proprietorship/Private Limited Company/ Public Limited Company etc. (Self-attested copy of Registration certificates etc. of the firm)
4	a. Copy of PAN Card (Self-attested) b. GSTIN registrations (Self-attested) c. Self-attested copy of Bank Details
5	a. Turnover statement certified by a Chartered Accountant in the format given in Annexure-V b. Audited Financial statements (Balance sheet, Profit & Loss Account/Income & Expenditure Statement, Cash flow statement, Notes on Account) including Income Tax Return with computation statement for the last three consecutive years (2020-21), (2021-22) & (2022-23).
6	An affidavit for not being blacklisted as per Annexure-VI
7	Agreement copies to prove experience of CoE setup on Additive Manufacturing
8	Client Certificate/Project Closure Report for point no. 11 from Eligibility Criteria
9	All documentary evidence wherever applicable supporting the Eligibility Criteria and Evaluation Matrix
10	Power of Attorney as per Annexure-VII (Authorizing signatories on stamp paper to sign the bid)
11	Relevant documents like technical data, Printed literature/ Catalogue, drawings, and other documents, as per the tender requirement.
12	Qualification Criteria - Compliance

10. Deliverable and Payment Schedule for the CoE

The selected company will have the following deliverables: -

SL No	Deliverable	Time Line	Amount Payable
1	Milestone 1: i) Pre-Delivery inspection of sample equipment. ii) Delivery of the material, equipment, PPE and Tools & Tackles for the CoE. iii) Completion of civil & electrical work (interior design, electrical cabling and infrastructure work etc.)	Within 3 months of signing the Contract Agreement (MoA)	60% of the Total 'Cost of Goods' with applicable GST within 30 days of receipt of the invoices.
2	Milestone 2: i) Installation & Commissioning to be completed ii) Inspection and testing of equipment for the Centre of Excellence and stock entry iii) Submission of safety certificates from competent authorities, supply of Machine Consumables, safety equipment etc. Complete setup of the CoE.	Within 4 month of signing the Contract Agreement (MoA)	40% of the Total 'Cost of Goods' with applicable GST within 30 days of receipt of the invoices.
3	Milestone 3 - Completion of the Hand holding period Training sessions should commence within 15 days from the completion of complete setup of the Centre of Excellence	Within 18 months of signing the Contract Agreement (MoA)	25% of the Total 'Cost of Service' with applicable GST after completion of every 3 Months hand-holding training & certification. Payment will be made within 30 days from the receipt of the invoices and satisfactory performance reports from Principals of the institute/CoE.

Note: *Each schedule of payment will be done after 3rd party inspection for Quality and *value for money.

****Bidder should raise progressive invoice as per the payment terms for i) supply of materials, ii) Installation and commissioning iii) Quarterly handholding charges**

*** **Value for money should be understood as best price for the quality of equipment and training provided**

11. Evaluation and Selection

The bidders who will be eligible by meeting all mandatory eligibility criteria, will be selected for Technical Bid opening. The evaluation criteria will be **Quality cum Cost Based System (QCBS)** with **70:30** where Technical Bid Score will get a weightage of 70% and Commercial Bid Score a weightage of 30%.

A bidder has to score minimum 70% in the Technical Bid Evaluation to qualify for the opening of financial bid.

a. Technical Evaluation

Initial Bid scrutiny will be made and incomplete details as given below will be treated as non-responsive if Proposals

- i. Are not submitted in as specified in the RFP document
- ii. Are found with suppression of details
- iii. With incomplete information, subjective, conditional offers and partial offers submitted
- iv. Have non-compliance of any of the clauses stipulated in the RFP
- v. Have a lesser validity period

All responsive Bids will be considered for further processing as below.

Technical Evaluation Committee will prepare a list of responsive Bidders, who comply with all the Terms and Conditions of the Tender. All eligible bids will be considered for further evaluation by the Committee according to the evaluation process defined in this RFP document. The decision of the Committee will be final & binding in this regard.

a. Technical Evaluation committee will examine the bids to determine whether they are complete, eligible, whether any computational errors have been made, and whether the bids are generally in order.

b. DTE&T, Odisha may conduct clarification meetings with each or any Bidder to discuss any matters, technical or otherwise.

c. Further the scope of evaluation committee also covers taking any decision with regard to the Tender document, execution/ implementation of the project including management period.

d. Proposal document shall be evaluated as per the following steps.

i. Evaluation of document: A detailed evaluation of the bids shall be carried out by the Technical Evaluation Committee in order to determine whether the Bidders are competent enough and whether the technical aspects are substantially responsive to the requirements set forth in the RFP document. The bidders must submit the Make, Model, Country of origin, Features, and Technical Specifications along with the images of equipment for which they are submitting the bid.

i. Bidders may propose better technical specifications which may fit for the CoE and fulfill the objective of the project.

ii. Bidders failing to comply with any of the above then the Bid will be summarily rejected.

iv. Bidders who scores at least 70% marks in Technical Evaluation criteria set forth in this RFP document will be eligible for opening of their Financial Bid. If a bid does not meet these minimum score, it will be deemed technically non-compliant and will not proceed to the financial evaluation.

Technical Bid Score is calculated as follows: -

$$S_T = \text{Technical score} \times 70 / 100$$

Technical Evaluation Criteria

Sl. No.	Evaluation Criteria	Maximum marks	Remarks
1.	Design of CoE <ul style="list-style-type: none"> Layout designing of the CoE with proper demarcation of machines – 05 Marks Actual Footprint representation of all the machines. – 05 Marks 	10	
2.	Past Experience		
2.1	The company must have executed the job of Centre of Excellence in Additive Manufacturing technology of value not less than Rs. 1 Crore in a Government/Private Training Institute or engineering college/industries. <ul style="list-style-type: none"> 1 Govt./Private Training Institute or engineering college/industry – 10 Marks 2 to 3 Govt./Private Training Institute or engineering college/industries – 15 Marks More than 3 Govt./Private Training Institute or engineering college/industries – 20 Marks 	20	
3.	Quality of equipment/machines <ul style="list-style-type: none"> Quality of equipment will be evaluated as per the quality of machines/equipment offered in the technical bid. Machines with better quality and features, will secure better marks. Note: Scores/Marks given by the Technical Committee members will be considered as final.	60	
4.	Course Curriculum <ul style="list-style-type: none"> Understanding of the requirements of the industries and align the training plan with advanced technology. – 02 Mark Daily Lesson Plan, Weekly Assessment Plan & Final Evaluation, Certification from international bodies. – 03 Marks 	05	
5.	Profile of Qualified & Experienced Faculties* <ul style="list-style-type: none"> Provide at least one Qualified and Experienced Faculty for the CoE with minimum Diploma or Graduate Engineer with minimum 5 years of industry experience in relevant field (proof of qualification & certificates of the faculties to be submitted.) – 05 Marks 	05	

Note: -1- The bidder has to score at least 70% to qualify for the opening of Financial Bid.

2- The scores provided by the Technical Committee, will be considered as final.

***Note 2:-** If due to some unforeseen/unavoidable circumstances the above resources cannot be provided or left in between the duration of contract, then they should be replaced with resources having similar credentials and experience.

b. Financial Evaluation

The Bidder shall be selected on the basis of **Quality cum Cost Based System (QCBS)**.

Financial Proposals of only those bidders who qualify in the Technical Proposal evaluation shall be opened and computed based on the commercial bid submitted by the bidders. If

FDC is the value of commercial bid price quoted in the bid under consideration.

FLDC is the value of lowest commercial Bid among all the technically qualified bidders.

Technical Bid Score (ST) = Technical score X 70/ 100 (70% weightage)

Commercial Bid Score (SF) for each bid shall be computed as follows:

SF = 30 x (FLDC / FDC) (30% weightage)

TOTALSCORE

Total Score (Ts) for each qualified bid shall be computed as under:

TS = ST + SF

The Bidder obtaining highest Total Score (TS) value, will be declared as the **Best Evaluated Bid** and **Selected Bidder**.

12 Annexure

Annexure I: Proposal Covering Letter

Date:

To,

Directorate of Technical Education & Training, Odisha

Killa Maidan, Buxi Bazar, Cuttack-753001

Phone No-0671(2301061), Fax-0671(2301961)

Email-dtetorissa@gmail.com

Dear Sir,

We(Name of the Bidder) hereby submit our Proposal in response to notice inviting RFP date and RFP document noand confirm that:

1. All information provided in this Proposal and in the attachments is true and correct to the best of our knowledge and belief.
2. We shall make available any additional information if required to verify the correctness of the above statement.
3. Certified that the period of validity of Proposal is 180 days from the last date of submission of Proposal and
4. We are quoting for all the services mentioned in the Scope of Work of the RFP.
5. We the Bidders are not under a Declaration of Ineligibility for corrupt or fraudulent practices or blacklisted by any of the Government companies.
6. DTE&T, Odisha, may contact the following person for further information regarding this Proposal:
 - A. Name and full address of office, Contact No., Email ID, Company Name
7. We are submitting our technical & financial bid documents along with original BG of EMD.

Yours sincerely,
Signature

Full name of signatory

Designation

Name of the Bidder/Company etc.

Annexure II: Financial Proposal Format

To be submitted in original along with the Proposals (Envelope-C)

To,
Directorate of Technical Education & Training, Odisha
Killa Maidan, Buxi Bazar, Cuttack-753001
Phone No-0671(2301061), Fax-0671(2301961)
Email-DTE&Torissa@gmail.com

Subject: RFP for setup of CoE in Additive Manufacturing at Govt. Polytechnic Jajpur under OMBADC districts of Odisha.

Sir,
We, the undersigned, offer to provide the services as Technology Partner for Centre of Excellence setup in additive manufacturing at Govt. Polytechnic Jajpur under OMBADC districts of Odisha in accordance with your Request for Proposal (RFP) dated [Insert Date] and our Technical Proposal. Our Financial Proposal is as below:

SL No	Particulars	Cost (Rs)	Applicable Taxes (Rs)	Total Cost with applicable taxes (Rs)
A	Cost of Goods (supply of equipment & machineries including delivery, unloading, installation, commissioning charges etc, PPE, tools & tackles, consumables, safety certificates, fire safety equipments, inspection and testing of equipment etc.) **The bidder must provide equipment wise cost breakup with this section.			
B	Cost of Services (Preparation of Training Modules, design course curriculum, supply of training materials, conduct hand-holding for 12 months, conduct assessments, awarding certificates etc.) The bidder must provide component wise cost breakup with this section			
*Total Price offered by the bidder (A+B)				
C	Annual maintenance Cost (AMC) per year			

Notes:

- *The total price offered by the bidders will be considered during price bid calculation.
- The above fee includes Design, Development, Supply, Installation, Testing, Commissioning, Operation and Maintenance of CoE.
- The fooding, lodging, travel and other expenses of qualified Engineers/faculties from the technology partner/company and the trainers nominated by DTE&T for training, will be borne by the bidder.
- **The bidders must provide equipment wise cost breakup sheet along with above format.

- e. Annual Maintenance will be applicable after warranty period of 3 Years. After 3 Years of warranty, DTE&T Odisha may ask for AMC for another 3 years at the price quoted in the financial bid for AMC Cost.
- f. AMC cost will not be taken into consideration for evaluation of the Price Bids.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from contract negotiations, up to expiration of the validity period of the Proposal.

We solemnly affirm that we will strictly adhere to the laws against fraud, corruption and unethical practices, including but not limited to "Prevention of Corruption Act, 1988", during the Request for Proposal (RFP) process and execution of the Contract, in case we are awarded the work. We understand you are not bound to accept any Proposal you receive.

We remain,

Yours

sincerely,

Authorised Signature {In full and initials}:

Name and Title of Signatory:

Annexure III: Applicant Details

<< Declaration to be submitted under the signature of Authorized Representative / Signatory of the applicant agency on Official Letterhead and official seal >>

S. No.	Description	Details	
1	Name of Legal Constitution of Applicant		
2	Status / Constitution of the Firm		
3	Name of Authorized Signatory (Enclose letter of authorization)		
4	Contact address and number		
5	Registration Number		
6	Date of Registration		
7	Place of Registration		
8	PAN Card Number		
9	Primary Single Point of Contact* (For all sort of communication purpose)	Email:	Contact No:
10	Secondary Single Point of Contact*	Email:	Contact No:

Note*:

1. All correspondence shall be to the aforesaid email id only.
2. DTE&T shall entertain communications received from the aforesaid email id only.
3. DTE&T shall not be liable if the Single point of Contact fails to convey relevant information to their organization / Authorities
4. DTE&T shall not entertain requests from the company to re send Emails.

For and on behalf of:

Signature:

Name:

Designation:

(Authorized Representative and Signatory)

Date:

Note: Please provide copy of Registration Certificate from the appropriate Registering Authority

Annexure IV: Past Project Experience

SL. No	Name of Client, Contact Person, Telephone No, Mobile No, e-Mail, Physical Address	Name of Project	Project Start Date, End Date, Brief of Project	Project Cost	Status (Complete/ In Progress/ Delay)

Note: The information provided in the above table must supported by copies of relevant work order and completion certificate.

Signature of witness
Date:
Place:

Signature of the Bidder
Date:
Place:

Company Seal

Annexure V: Financial Details of Bidder

<< Declaration to be submitted under the signature of Chartered Accountant on Letterhead with his/her dated Sign and Seal >>

TO WHOMSOEVER IT MAY CONCERN

On the basis of audited financial statements, we hereby certify that (Name of Agency) having registered office at (Office address) has an average annual turnover of Rs. _____ in the last three financial years, in the past three consecutive years (FY 2020-21, 2021-22, 2022-23) for CoE. The details of annual turnover are mentioned below:

SL No	Financial Year	Annual Turnover
1	2020-2021	
2	2021-2022	
3	2022-2023	

Note: Audited financial statements for the past three years should be submitted by the Bidder.

Chartered Accountant:
Signature
Name Registration No
Contact No.
Seal
Date:
Place:

Annexure VI: An affidavit for not being black listed

<< An affidavit on a non-judicial stamp paper of INR 10/- by Company Secretary/ Authorized Representative and Signatory of the Applicant with his/her dated Sign and Seal >>

AFFIDAVIT

We, ◇, having its registered office at ◇, do hereby declare that the Applicant hasn't been blacklisted/ debarred by any State Government/ Central Government authority for breach on our part.

For and on behalf of:

Signature:

Name:

Designation:

(Authorized Representative and Signatory) Date:

Place:

Annexure VII: Format for Power of Attorney

*(Required only if the Signatory is not directly authorized by the Company Board/Governing Body, or Partners.
Otherwise the Board Resolution/Partners Resolution would suffice)*

Date:

To,
The Director,
Directorate of Technical Education and Training, Odisha, Cuttack
Killa Maidan, Buxi Bazar, Cuttack – 753001.

Dear Sir,

Sub: RFP published by DTE&T to setup CoE in Additive Manufacturing at Govt. Polytechnic Jajpur

<Name of the Applicant> hereby authorizes to act as a representative of <> for the following activities vide its Board Resolution (and Power of Attorney if applicable) attached herewith.

To attend all meetings conducted by DTE&T and shall discuss, negotiate, finalize and sign any Proposal or agreement and contract related to RFP.

Yours faithfully,

For

Encl: Board resolution for Authorized signatory

Annexure VIII: Non-Disclosure Agreement Format

NON DISCLOSURE AGREEMENT

This Confidentiality and Non-Disclosure Agreement (“Agreement”) dated (“**Effective Date**”) is entered into by and between

DTE&T, ODISHA having its principal place of business at Cuttack (hereinafter referred to as “**Client**” which expression shall mean and include its parent, affiliates, sister concerns, subsidiaries and assigns),

And

....., a company incorporated under the provisions of and having its principal place of business at(here in after referred to as “**Company**” which expression shall mean and include its parent, affiliates, sister concerns, subsidiaries and assigns)

1. Purpose

Parties have to disclose certain confidential, technical and business information in order to avail the Services from the Company. To protect the said confidential information both the parties desires to sign this Non- Disclosure agreement.

2. Disclosure of Confidential Information

Either party may disclose to the other party either orally or in any recorded medium, information comprising or relating to its / or its affiliates, parent, sister concerns group companies: techniques; schematics; designs; contracts; financial information; sales and marketing plans; business plans; clients; client data; business affairs; operations; strategies; inventions; methodologies; technologies; employees; subcontractors; pricing; service proposals; methods of operations; procedures; products and/or services (“Confidential Information”). Confidential Information shall include all nonpublic information furnished, disclosed or transmitted regardless of form.

3. Confidentiality

Either Party shall use the Confidential Information solely in furtherance of the actual or potential business relationship between the parties. The parties shall not use the Confidential Information in any way that is directly or indirectly detrimental to the other party or its subsidiaries or affiliates, and shall not disclose the Confidential Information to any unauthorized third party.

Parties shall ensure that access to Confidential Information is granted only to those of its employees or agents (“Representatives”) who have a demonstrated need to know such information in order to carry out the business purpose of this Agreement. Prior to disclosing any Confidential Information to such Representatives, party shall inform them of the confidential nature of the information and their obligation to refrain from disclosure of the Confidential Information. Each party and its Representatives will take all reasonable measures to maintain the confidentiality of the Confidential Information, but in no event less than the measures it uses for its own information of similar type. Parties and its Representatives shall not disclose to any person including, without limitation, any corporation, sovereign, partnership, limited liability company, entity or individual (i) the fact that any investigations, discussions or negotiations are taking place concerning the actual or potential business relationship between the parties, (ii) that it has requested or received Confidential Information, or (iii) any of the terms, conditions or any other fact about the actual or potential business relationship.

Each Party and its Representatives will immediately notify the other Party of any use or disclosure of the Confidential Information that is not authorized by this Agreement. Each Party and its

Representatives will use its best efforts to assist the other Party in remedying any such unauthorized use or disclosure of the Confidential Information.

Either Party shall implement and follow the rules as laid down in the Information Technology (Reasonable Security Practices and Procedures and Sensitive Personal Data or Information) Rules, 2011 [‘the Rules’].

Either Party shall monitor the security practices, control processes and checks in place in respect of the Confidential Information on a regular basis and disclose any breaches in the security practices, control processes and checks in place to the other Party.

The obligations contained in this Section 2 will not apply to the extent that either Party can demonstrate that the Confidential Information: (a) was part of the public domain at the time of disclosure or properly became part of the public domain, by publication or otherwise; (b) was rightfully acquired by Receiving Party prior to disclosure by Disclosing Party; (c) was independently developed by Receiving Party or its Representatives without reference to the Confidential Information; or (d) is required to be disclosed by a government company or by a proper court of competent jurisdiction; provided, however, that Receiving Party and its Representatives shall provide Disclosing Party prompt prior written notice of such requirement, shall consult with and assist Disclosing Party in obtaining a protective order prior to such disclosure, and shall only disclose the portion of Confidential Information which it has been advised by written opinion of counsel is legally required to be disclosed and shall use its best efforts to obtain assurance that confidential treatment will be accorded such information if the protective order is not obtained or if Disclosing Party waives disclosure of such information.

4. Ownership of Materials/No Warranty

Each Party retains all rights, title and interest to its Confidential Information. No license under any trademark, patent or copyright, or application for same which are no worth thereafter may be obtained by the other Party is either granted or implied by the disclosure of Confidential Information. Confidential Information is provided “as is” with all faults. In no event shall parties be liable for the accuracy or completeness of the Confidential Information.

5. Term

This Agreement shall terminate two (2) years from the Effective Date. Receiving Party’s obligations with respect to confidentiality shall expire after two (2) years from the date of disclosure.

6. Return of Confidential Information

Upon written request of either Party, Parties and its Representatives shall promptly return to the other Party all copies of Confidential Information in its possession including, without limitation, all copies of any analyses, compilations, studies or other documents prepared by Receiving Party or its Representatives containing or reflecting any Confidential Information. Either Party shall certify in writing that it and its Representatives have returned all such information to the other Party.

7. General

a) This Agreement shall be governed by and construed in accordance with the laws India without regard to its conflicts of law provisions.

b) Either Party agrees that the breach of the provisions of this Agreement by any Party will cause the other Party an irreparable damage for which recovery of money damages would be inadequate. Either Party will, therefore, be entitled to obtain timely injunctive relief to protect its rights under this Agreement in addition to any and all remedies available at law or in equity. Receiving Party and its Representatives hereby irrevocably and unconditionally consent to submit to the exclusive jurisdiction of the courts of Cuttack, Odisha for any actions, suits or proceedings arising out of or

relating to this Agreement and the transactions contemplated hereby (and agree not to commence any action, suit or proceeding relating thereto except in such courts), and further agree that service of any process, summons, notice or document by registered mail or tracked courier service to the address set for the above shall be effective service of process for any action, suit or proceeding brought against Receiving Party and its Representatives in any such court.

c) Neither party may assign any of its rights or obligations under this Agreement without the prior written consent of the other party. This Agreement shall be binding upon and inure to the benefit of the parties permitted successors and assigns.

d) This Agreement may be amended or supplemented only by a writing that is signed by duly authorized representatives of both parties.

e) No term or provision hereof will be considered waived by either party, and no breach excused by it, unless such waiver or consent is in writing signed an authorized representative of the non-breaching party. No consent to, or waiver of, a breach by a party, whether express or implied, will constitute a consent to, waiver of, or excuse of any other, different, or subsequent breach.

f) If any part of this Agreement is found invalid or unenforceable, that part will be amended to achieve as nearly as possible the same economic and legal effect as the original provision and the remainder of this Agreement will remain in full force.

g) This Agreement constitutes the entire agreement between the parties relating to this subject matter and supersedes all prior or simultaneous representations, discussions, negotiations, and agreements, whether written or oral.

h) This agreement may be executed in two counterparts, each of which shall be deemed to be an original but all of which together shall constitute one and the same agreement.

Accepted and agreed as of the date first above written by the following authorized Party representatives:

Client

The Company

By: _____

By:

Name: _____

Name:

Title: _____

Title:

Witness:

Witness:

Name:

Name:

Title:

Title:

Annexure-IX. Sub-Contracting Clause

The selected bidder cannot outsource or sub-contract the complete work or part of it. All the personnel considered should be on the direct payroll of the Company.

Annexure-X: Acceptance of Terms & Conditions Contained in the RFP Documents

To
Director of Technical Education and Training, Odisha,
Killa Maidan, P.O: Buxi Bazar, Cuttack-753001, Odisha

Sir,

I have carefully gone through the Terms & Conditions contained in the NIT No. _____, regarding RFP Name < _____>.

I declare that all the provisions of this Tender Document are acceptable to my company. I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration.

Signature of witness
Date:
Place:

Signature of the Bidder
Date:
Place:

Company Seal

Annexure XI: Self-Declaration regarding “Restrictions on procurement from a Bidder of a country which shares a land border with India”

(To be submitted on Bidder’s Letter Head)

Tender Ref. No.: _____ Dated: _____

To,

The Director

Directorate of Technical Education and Training, Odisha

KillaMaidan, Buxi Bazaar, Cuttack- 753001

Phone No-0671 (2301061); Email: dtetorissa@gmail.com

Dear Sir,

In reference to bid submitted by M/s _____ against DTE&T Odisha’s Tender NIT Number: _____, I/We have read the Order No: 27945 /F; dated: 16-10-2020 from Government of Odisha Finance Department regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries.

I/We certify that M/s _____ (name of Bidder) is not from such a country and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I also certify that M/s _____ will not offer any products/services of entity from such countries unless such entity is registered with the Competent Authority.

I/We certify that we/our Collaborator/Tie-Up Partners are/is not from such a country or, if from such a country, have/has been registered with the Competent Authority and we will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.

We hereby certify that we fulfil all requirements in this regard and are eligible to be considered.

Date : _____

Place : _____

Seal of Organization & Signature

of Authorized Applicant

Annexure XII: Bank Guarantee Format for Earnest Money Deposit (EMD)

To,
Director of Technical Education and Training, Odisha
Killa Maidan, Buxi Bazaar, Cuttack- 753001
Phone No-0671 (2301061),
Email: dtetorissa@gmail.com

Whereas << name of the bidder >> (hereinafter called "the Bidder") has submitted the bid for submission of RFP # <<RFP Number>> dated <<insert date>> for <<name of the assignment>> (herein called "the Bid") to DTE&T Odisha

KNOW ALL MEN by these presents that we, <<name of the issuing bank>> having our office at <<Address>> (herein called "the Bank") are bound unto(herein called the "Purchaser") in the sum of Rs.....<<amount in figures>> (Rupees <<Amount in words>> only) for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents.

Sealed with the
Common seal of the said Bank.....day of.....20....<<insert date>>

The conditions of the obligation are:

1. If the Bidder withdraws or amends, impairs or derogates from the Bid in any respect within the period of validity of this tender; or
2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of validity of bid: -
 - a. Withdraws his participation from the bid during the period of validity of bid documents; or
 - b. Fails or refuses to participate for failure to respond in the subsequent Tender process after having been short listed;
 - c. If the Bidder fails to furnish the Performance Security for the due performance of the contract.
 - d. Fails or refuses to accept/execute the contract.

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force upto and including 45 days after the period of Bid validity and any demand in respect thereof should reach the Bank not later than the above date.

Our.....branch at.....*(Name & Address of the.....*branch) is liable to pay the guaranteed amount depending on the filing of claim and any part thereof under this Bank Guarantee only and only if you serve upon us at our.....* branch on or before Dt.....Otherwise bank shall be discharged of all liabilities under this guarantee thereafter.

NOTWITHSTANDING ANYTHING CONTAINED HEREIN:

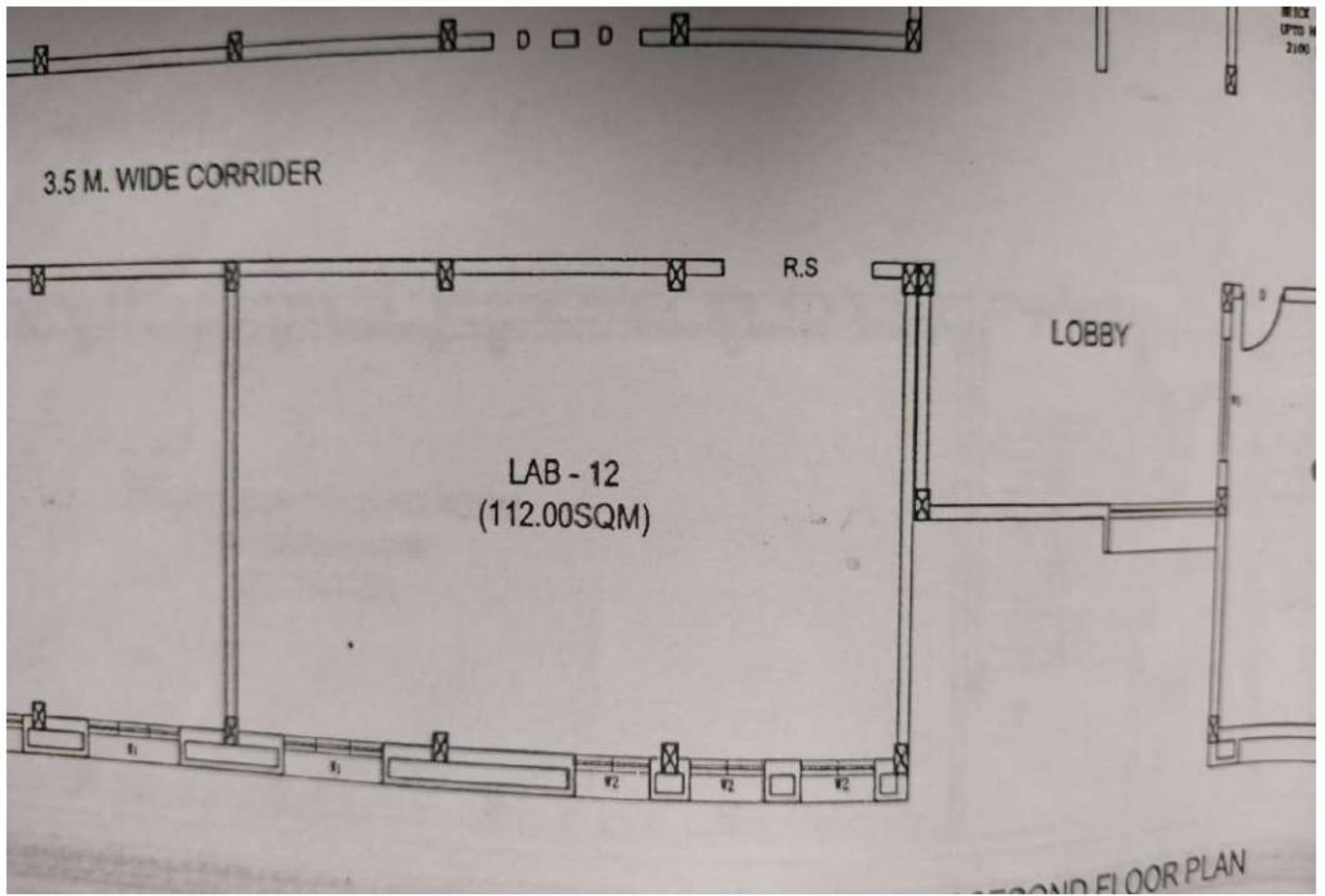
1. Our liability under this Bank Guarantee shall not exceed Rs. <<Amount in figure>> (Rupees <<Amount in words>> only)
2. This Bank Guarantee shall be valid upto <<insert date>>
3. It is condition of our liability for payment of the guaranteed amount or any part thereof arising under this Bank Guarantee that we receive a valid written claim or demand for payment under this Bank Guarantee on or before <<insert date>> failing which our liability under the guarantee will automatically cease.

.....
(Signature of the authorized officer of the Bank)

.....
Name and designation of the officer

.....
Seal, name & address of the Bank and address of the Branch

Annexure XIII: Layout of the available lab at Govt. ITI Jaipur



Length: 46 ft
Width: 26.5 ft
Hight: 10 ft