

# **ANDHRA PRADESH MED TECH ZONE(AMTZ)**

## **Advertised Tender Enquiry (ATE)**

### **BID DOCUMENT FOR PROCUREMENT OF EQUIPMENT AND RELATED SERVICES FOR ADDITIVE MANUFACTURING FACILITY**

**Bid Ref. No.: AMTZ/Proc./ATE/2021/002**



#### **Andhra Pradesh MedTech Zone Ltd**

*(An Enterprise of Government of Andhra Pradesh)*

AMTZ Campus, Pragati Maidan,  
VM Steel Project S.O., Vishakhapatnam,  
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## Advertised Tender Enquiry (ATE)

### Bid Document for the Procurement of Equipment for Additive Manufacturing Facility

#### Key Bidding Information

<b>Bid Ref No.</b>	AMTZ/Proc./ATE/2021/002
<b>Name of the Project</b>	<b>Additive Manufacturing Facility</b>
<b>Date of Commencement of Download of Bidding Documents</b>	10:00 AM on 07/10/2021 (Link <a href="https://www.amtz.in/rfp-tenders/">https://www.amtz.in/rfp-tenders/</a> )
<b>Last Time and Date for Receipt of Request for Clarifications</b>	By 06:00 PM on 12/10/2021 (All such request must be submitted through mail to <a href="mailto:shivam.anand@amtz.in">shivam.anand@amtz.in</a> )
<b>Time and Date for Pre-Bid Meeting</b>	03:30 PM on 12/10/2021 The meeting shall be held online. Prospective bidder may use the link  <a href="https://meet.google.com/yvj-qoit-rzq">https://meet.google.com/yvj-qoit-rzq</a>  More phone numbers: <a href="https://tel.meet/yvj-qoit-rzq?pin=4815034967123">https://tel.meet/yvj-qoit-rzq?pin=4815034967123</a>
<b>Last Time &amp; Date for Submission of Bids</b>	03.00 PM on 05/11/2021
<b>Time &amp; Date for Opening of Technical Bids</b>	03.30 PM on 05/11/2021
<b>Place of submission of Bid</b>	Procurement Division, G-Floor, Admin (Pivot) Building, AMTZ Campus Pragati Maidan VM Steel Project S.O Visakhapatnam, Pin- 530031 Andhra Pradesh, India

**NOTICE INVITING BIDS**  
**FOR**  
**PROCUREMENT OF EQUIPMENT AND RELATED SERVICES FOR**  
**ADDITIVE MANUFACTURING FACILITY**

**Bid Ref. No.: AMTZ/Proc./ATE/2021/002**

**Dated: 07/10/2021**

1. Andhra Pradesh MedTech Zone (popularly known as AMTZ) is an enterprise under the Government of Andhra Pradesh, a 270 Acre zone, dedicated for Medical Device Manufacturing. The objective behind this 'One-Stop- Solution 'is not only to reduce the cost of manufacturing up to 40% or to just simplify the end-to- end operations but also to reduce the import dependency, which is presently around 75%. AMTZ envisions to put India on the global map of high-end medical equipment production and make health care products affordable and accessible not only for India but for world at large.

Sch. No.	Equipment Name	Quantity Required
1	Pellet Additive Manufacturing System	1
2	Fused Deposition Modeling – FDM Additive System	1
3	Digital Anatomy Printer – PolyJet	1
4	Stereolithography / Digital Light Processing Printer-SLA	1
5	Selective Laser Sintering – SLS	1
6	Direct Metal Laser Sintering	1
7	Metal - Fused Filament Fabrication	1
8	Ceramic Binder Jetting	1
9	Ceramic - Selective Laser Sintering	1
10	Fibre Laser Material Cutting Machine	1
11	Sheet Metal Processing - Stamping Machine	1
12	Sheet Metal Processing - Forming / Bending Machine	1
13	Ultrasonics Assisted 5 Axis Machining Centre	1
14	Advanced Thermoforming Machine	1
15	Advanced Multi- Material Molding Machine	1
16	7 Axes Collaborative Robot	1
17	6 Axes Medium Payload Robot	1
18	Scara Assembly Robot	1
19	Simulation	1
20	Thermogravimetric Analyser	1
21	Dynamic Sensing Calorimeter	1
22	Dynamic Mechanical Analyser	1
23	Microscopy	1
24	Universal Testing Machine	1
25	Torque Tools, Rivet Tools and Self Piercing Tools	1

26	Solvent and Adhesives Dispensing Systems and Accessories	1
27	Ultrasonic Joining Work Cell	1
28	Laser Joining Work Cell	1
29	Friction Welding	1
30	Hot plate Welding	1
31	High Frequency Welding	1

2. Andhra Pradesh MedTech Zone Ltd. (AMTZ) and Ministry of Electronics and Information Technology (Meity) has enabled a Centre of Excellence for Additive Manufacturing in the AMTZ campus with an allocated operational area of 1 acre. The objective of the CoE-AM is to Increase capabilities of medical device and MedTech Accessories production through continuous Research and Development. CoE- AM is a Scientific and Technology Facility providing a sustainable ecosystem for Medical Device Innovators and Start-ups.
3. AMTZ hereby invites bids from eligible and qualified bidders for supply of following Equipment and related services for Additive Manufacturing facility:
4. Bidding will be conducted through the 'Advertised Tender Enquiry - Two Bid System', method and procedures as set out in the 'General Financial Rule – 2017' and Manual for Procurement of Goods – 2017 issued by Department of Expenditure, Ministry of Finance, Govt. of India.
5. Bidders are required to submit Bid Security Declaration as per format provided in the Bid Documents. Certain class of Bidders are exempted from submission of Bid Security. Details are given in Bid Documents.
6. The Bid Document can be freely downloaded from the website <https://www.amtz.in/> starting from **1000 Hrs. on 07/10/2021**. Bidders shall be solely responsible for checking the above website for any addendum/amendment issued subsequent to publication of this NIB and take the same into consideration while preparing and submitting their bids.
7. The bidders' authorized representatives are invited to attend online pre-bid meeting at **03:30 PM on 12/10/2021** through video conferencing as per details given in the Bid Documents. Bidders can also send their written requests for clarification up to 6:00 PM on 13/08/2021 at email [shivam.anand@amtz.in](mailto:shivam.anand@amtz.in). Please note that non-attendance of the pre-bid meeting will not be the cause of disqualification of bidders.
8. Bids must be delivered up to **1500 hours on 05/11/2021** at the office of Purchaser. Technical Bids will be **opened on the same day at 1530 hrs.** in the presence of the bidders' representatives, who choose to attend the technical bid opening meeting. Late bids will be rejected.
9. The time and date of opening of Financial Bids shall be informed to Bidders assessed qualified during technical evaluation of bids.

**AMTZ**

## Table of Contents

<b>A. GENERAL</b>	7
1. Introduction	7
2. Language of Bids	7
3. Code of Integrity	7
4. Conflict of Interest	9
5. Eligible Bidders and Goods	10
6. Bidders' Qualification	11
<b>B. BIDDING DOCUMENTS</b>	11
7. Content of Bidding Documents	11
8. Clarifications of Bidding Documents	12
9. Pre-Bid Meeting	12
10. Amendments to Bid Documents	12
<b>C. PREPARATION OF BIDS</b>	13
11. Documents Comprising the Bid	13
12. Letter of Technical Bid, Financial Bid and Price Schedule	13
13. Alternative Bids	13
14. Bid Prices	14
15. Bid Currency	14
16. Documents establishing the compliance of Goods	14
17. Documents establishing the eligibility and Qualification of the Bidder	15
18. Period of validity of Bids	15
19. Bid Security	15
20. Format and Signing of Bids	16
<b>D. SUBMISSION AND OPENING OF BIDS</b>	16
21. Sealing, Marking and Submission of Bids	16
22. Deadline for Submission of Bids	17
23. Late Bids	17
24. Withdrawal, Substitution and Modification of Bids	17
25. Opening of Bids	18
<b>E. EVALUATION AND COMPARISON OF BIDS</b>	19
26. Confidentiality	19
27. Preliminary Examination of Bids	19

28.	Clarification of Bids.....	20
29.	Immaterial Non-conformities in Bids.....	20
30.	Determination of Technical Responsiveness .....	20
31.	Nonconformities, Errors and Omissions .....	21
32.	Qualification of the Bidder .....	21
33.	Financial Evaluation and Comparison of Bids .....	22
34.	Correction of Arithmetical Errors .....	22
35.	Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids.....	23
<b>F. AWARD OF CONTRACT .....</b>		<b>23</b>
36.	Award Criteria .....	23
37.	Purchaser's Right to vary Quantities at the time of Award.....	23
38.	Notification of Award .....	23
39.	Performance Security .....	24
40.	Signing of Contract.....	24

# Section – I

## Instructions to Bidders

### A. GENERAL

#### 1. Introduction

- 1.1 In connection with the Notice Inviting Bids (NIB) for Procurement of Equipment and related services as **specified in the Section II - Bid Data Sheet (BDS)**, the Purchaser as **specified in the BDS**, has issued these Bidding Documents for the supply of Goods, Equipment and related services **as specified in Section IV - Schedule of Requirements**.
- 1.2 This Section provides the relevant information as well as instructions to assist prospective bidders in preparation and submission of bids. It also includes the mode and procedure to be adopted by the Purchaser for receipt and opening as well as scrutiny and evaluation of bids and subsequent placement of award of contract.
- 1.3 Before preparing the bid, and submitting the same to the Purchaser, the bidder should read and examine all the terms & conditions, instructions etc. contained in the Bidding Documents. Failure to provide required information or to comply with the instructions incorporated in this Bidding Documents may result in rejection of bids submitted by bidders.
- 1.4 The bidder shall bear all costs and expenditure incurred and/or to be incurred by it in connection with its bid including preparation, mailing and submission of its bid and subsequently processing the same. The Purchaser shall, in no case be responsible or liable for any such cost, expenditure etc. regardless of the conduct or outcome of the bidding process.

#### 2. Language of Bids

- 2.1 Bid submitted by the bidder and all subsequent correspondences and documents relating to the bid exchanged between the bidder and the Purchaser, shall be written in English language. However, the language of any printed literature furnished by the bidder in connection with its bid may be written in any other language, provided the same is accompanied by a self-certified English translation and, for purposes of interpretation of the bid, the English translation shall prevail.

#### 3. Code of Integrity

- 3.1 The Purchaser and all officers or employees of the purchaser, whether involved in the procurement process or otherwise, or Bidders and their representatives or consultants or service providers participating in a procurement process or other persons involved, directly or indirectly in any way in a procurement process shall maintain an unimpeachable standard of integrity.
- 3.2 It is prescribed to the Purchaser and Bidders to uphold the Code of Integrity, which prohibits officers or employees of a Purchaser or a person participating in a procurement process the following:

- (i) any offer, solicitation or acceptance of any bribe, reward or gift or any material benefit, either directly or indirectly, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process;
- (ii) any omission, including a misrepresentation that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- (iii) any collusion, bid rigging or anti-competitive behaviour to impair the transparency, fairness and progress of the procurement process;
- (iv) improper use of information shared between the Purchaser and the bidders with an intent to gain unfair advantage in the procurement process or for personal gain;
- (v) any financial or business transactions between the bidder and any officer or employee of the Purchaser, who are directly or indirectly related to tender or execution process of contract;
- (vi) any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- (vii) any obstruction of any investigation or audit of a procurement process;
- (viii) making false declaration or providing false information for participation in -
  - a) tender process or to secure a contract;
  - b) disclosure of Conflict of Interest;
  - c) disclosure by the bidder of any previous transgressions with any entity in India or any other country during the last three years or of any debarment by any other Procuring Entity.

3.3 In case of any breach of the Code of Integrity by a bidder or a prospective bidder, as the case may be, the Purchaser after giving a reasonable opportunity of being heard, may take appropriate measures including –

- a) exclusion of the bidder from the procurement process;
- b) calling off of pre-contract negotiations and forfeiture or encashment of bid security;
- c) forfeiture or encashment of any other security or bond relating to procurement;
- d) recovery of payments made by the Purchaser along with interest thereon at bank rate;
- e) cancellation of the relevant contract and recovery of compensation for loss incurred by the Purchaser;
- f) debarment of the bidder from participation in any future procurements of Purchaser for a period not exceeding three years.



## 4. Conflict of Interest

- 4.1 Conflict of Interest for the Purchaser or its personnel and bidders is considered to be a situation in which a party has interests that could improperly influence that performance of its duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.
- 4.2 Purchaser describes the situations in which a Purchaser or its personnel may be considered to be in Conflict of Interest include, but are not limited to the following -
- a) Conflict of Interest occurs when the private interests of Purchaser or its personnel, such as personal, non-official, extra- professional or other relationships or personal financial assets, interfere or appear to interfere with the proper performance of its professional functions or obligations as a procurement official;
  - b) within the procurement environment, a Conflict of Interest may arise in connection with such private interests as personal investments and assets, political or other social activities and affiliations while in the service of the Purchaser, employment after retirement from service or of relatives or the receipt of a gift that may place the Purchaser or its personnel in a position of obligation;
  - c) Conflict of Interest also includes the use of assets of the Purchaser including human, financial and material assets, or the use of the office of the Purchaser or knowledge gained from official functions for private gain or to prejudice the position of someone the Purchaser or its personnel does not favour;
  - d) Conflict of Interest may also arise in situations where the Purchaser or any of its personnel is seen to benefit directly or indirectly or allow a third party, including family, friends or someone they favour, to benefit directly or indirectly from the decision or action of the Purchaser;
- 4.3 The situations in which bidders participating in a procurement process or their representatives may be considered to be in Conflict of Interest include, but are not limited to the following –
- a) If they or their personnel or representatives or agents have any relationship or financial or business transactions or interests with any official of the Purchaser that are directly or indirectly involved in or related to the procurement process or execution of contract;
  - b) If they receive or have received any direct or indirect subsidy from any other bidder;
  - c) If they have the same legal representative for purposes of the bid;
  - d) If they have a relationship with each other, directly or through common third parties that puts them in a position to have access to information about or influence on the bid of another;
  - e) If they participate in more than one bid in the same bidding process;

- f) If they have controlling partners in common;
  - g) If a bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the subject matter of procurement of the bidding process or were involved in such preparation in any way;
- 4.4 In the 'Letter of Technical Bid' to be submitted by the bidder, as per format given in **Section V - Bidding Forms**, all bidders shall provide a signed statement that the bidder is neither associated nor has been associated directly or indirectly with the consultant or any other entity that has prepared the design, specifications and other documents for the subject matter of procurement or is being proposed as Project Manager for the contract;
- 4.5 In case of a holding company having more than one independently manufacturing unit or more than one unit having common business ownership or management, only one unit shall be allowed to submit bid or quote to prevent any Conflict of Interest. Similar restrictions shall apply to closely related sister or subsidiary companies. Such bidders must proactively declare such sister or subsidiary company or common business or management units in similar lines of business;
- 4.6 In cases of agents quoting in offshore procurements on behalf of their principal manufacturers, one agent shall not represent two manufacturers or quote on their behalf in a particular bid enquiry to prevent any Conflict of Interest.

## 5. Eligible Bidders and Goods

- 5.1 Bidder shall be a private entity, government-owned entity or, any combination of these having a formal intent and legal competency to enter into an agreement or contract and are registered under respective Act and Jurisdiction in India or any other country with which India has not banned trade relations.
- 5.2 Bidder should not have a Conflict of Interest as prescribed and specified in ITB Para 4, which materially affects fair competition.
- 5.3 In addition, any bidder participating in the procurement process shall –
  - (i) have fulfilled his obligation to pay such of the tax payable to the Central Government or the State Government or any local authority;
  - (ii) not be insolvent, in receivership, bankrupt or being wound up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and must not be the subject of legal proceedings for any of the foregoing reasons;
  - (iii) 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;
  - (iv) not be debarred by any Procuring Entity under the State / UT Government, the Central Government, Autonomous body, Authority by whatever name called under them, UNOPS, UNDP, AMTZ, SAMS or GFATM as on the date of opening of bids.

- 5.4 In the 'Letter of Technical Bid' to be submitted by the bidder, as per format given in **Section V - Bidding Forms**, all bidders shall provide a signed statement that the bidder fulfils the eligibility requirements given in ITB Para 5.3;
- 5.5 All goods to be supplied under the contract shall have their origin in India or any other country with which India has not banned trade relations. The term "origin" used in this clause means the place where the goods are mined, grown, produced, or manufactured or from where the related services are arranged and supplied.

## 6. Bidders' Qualification

- 6.1 Bidders should substantially meet the qualification criteria as stipulated in the **Section III - Evaluation and Qualification Criteria**.
- 6.2 Bidders should fill and submit the "Proforma for Performance Statement (for a period of last five years)" provided in **Section V - Bidding Forms** to provide relevant information and documents in support of fulfilment of bidder's qualification, along with its bid.

# B. BIDDING DOCUMENTS

## 7. Content of Bidding Documents

- 7.1 The Bidding Documents shall include the following Sections, which should be read in conjunction with any Amendment issued in accordance with ITB Para 10.
- Section I Instructions to Bidders (ITB)
  - Section II Bid Data Sheet
  - Section III Evaluation and Qualification Criteria
  - Section IV Schedule of Requirements
  - Section V Bidding Forms
  - Section VI General Conditions of Contract (GCC)
  - Section VII Special Conditions of Contract (SCC)
  - Section VIII Contract Forms
- 7.2 Unless downloaded directly from the Purchaser's website **as specified in the BDS**, Purchaser shall not be responsible for the correctness of the Bidding Documents, responses to requests for clarification, the Minutes of the Pre-bid meeting, if any, or Amendment(s) to the Bidding Documents in accordance with ITB Para 10.
- 7.3 Bidders are expected to examine all instructions, forms, terms, and specifications in the Bidding Documents and to furnish with its Bid all information or documentation as is required by the Bidding Documents.

## 8. Clarifications of Bidding Documents

- 8.1 A Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address **specified in the BDS**. The Purchaser will respond in writing to any request for clarification, provided that such request is received prior to the deadline for submission of bids as **specified in the BDS**.
- 8.2 The Purchaser shall also promptly publish brief description of the enquiry but without identifying its source and its response at its website as **specified in the BDS**.
- 8.3 Should the clarification result in changes to the essential elements of the Bidding Documents, the Purchaser shall amend the Bidding Documents following the procedure given under ITB Para 10.

## 9. Pre-Bid Meeting

- 9.1 In order to provide response to any doubt regarding Bidding Documents, or to clarify issues, a pre-bid meeting may be scheduled, **if specified in the BDS**.
- 9.2 During the pre-bid meeting, the clarification sought by representative of prospective bidders shall be responded appropriately. However, they shall be asked to submit their written request by close of office next day. The Purchaser shall publish written response to such requests for clarifications, without identifying its source. In case required, amendment(s), in terms of ITB Para 10 below shall be issued, which shall be binding on all prospective bidders.

## 10. Amendments to Bid Documents

- 10.1 At any time prior to the deadline for submission of bids, the Purchaser may, pursuant to ITB Para 8 and 9 and for any reason deemed fit by it, amend or modify the Bidding Documents by issuing Amendment(s).
- 10.2 Such Amendment(s) will be published on Purchaser's website **as specified in the BDS** and the same shall be binding on all prospective Bidders.
- 10.3 In order to give reasonable time to prospective bidders to take necessary action in preparing their bids, the Purchaser may, at its discretion extend the deadline for the submission of bids and other allied time frames, which are linked with that deadline.
- 10.4 Any bidder who has downloaded the Bidding Documents should check the Amendment(s), if any, issued on the Purchaser's website. The Purchaser shall not be responsible in any manner if prospective Bidders miss any Amendment(s) published on Purchaser's website.

## C. PREPARATION OF BIDS

### 11. Documents Comprising the Bid

- 11.1 The bid submitted by the bidder shall be in Two Bid System i.e. “**Technical Bid**” and “**Financial Bid**” in separately sealed envelopes. The Bid shall comprise the following:

#### Technical Bid:

- i) Letter of Technical Bid as per Form provided in **Section V – Bidding Forms**;
- ii) Bid Security furnished in accordance with **ITB Para 19**;
- iii) Valid Registration Certificate issued by District Industries & Commerce Centre (DI&CC), from any State/UT Govt. in India; or National Small Industries Corporation (NSIC), New Delhi in case bidder seeks to avail exemption from submission of bid security (in accordance with **ITB Para 19.2**).
- iv) Bidder Information Form as per Form provided in **Section V: Bidding Forms**;
- v) Technical Compliance Sheet as per Form provided in **Section IV: Bidding Forms**;
- vi) Documents establishing the compliance of Goods in accordance with **ITB Para 16**;
- vii) Documents establishing bidders’ qualification in accordance with **ITB Para 17.2**;
- viii) Manufacturer’s Authorization, in case bid is submitted by an Agent, as per Form given in **Section V: Bidding Forms**;
- ix) Proforma for Performance Statement (for a period of last three years) as per format given in **Section V: Bidding Forms** along with supporting documents;
- x) Proforma for other Details of Bidder, Manufacturer and its Bank as per format given in **Section V: Bidding Forms**;
- xi) Bidder firm’s Certificate of Incorporation/ Registration, Article and Memorandum of Association or any such registration document;
- xii) Self-attested copy of GSTIN registration;
- xiii) Any other document **as required in the BDS**

#### Financial Bid:

- i) Letter of Financial Bid as per Form provided in **Section V – Bidding Forms**;
- ii) Price Schedule prepared in accordance with **ITB Para 14**;

### 12. Letter of Technical Bid, Financial Bid and Price Schedule

- 12.1 The Letter of Technical Bid, Letter of Financial Bid and Price Schedule shall be prepared as per the Forms furnished in **Section V: Bidding Forms**. The forms must be completed without any alterations to the text, and no substitutes shall be accepted. All blank spaces shall be filled-in with the information requested.

### 13. Alternative Bids

- 13.1 Unless otherwise **specified in the BDS**, alternative bids shall not be considered.

## 14. Bid Prices

- 14.1 The prices quoted by the Bidder in the Price Schedule shall conform to the requirements specified below.
- 14.2 All Schedules (if any) and items thereunder must be listed and priced separately in the Price Schedule. The price quoted shall correspond to 100% of the items specified for each Schedule.
- 14.3 The price to be quoted in the 'Letter of Financial Bid' in accordance with ITB Para 12.1 shall be the total price of the bid.
- 14.4 The price quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and shall not be subject to variation on any account, **unless otherwise specified in the BDS**. The bid submitted with adjustable price quotation shall be treated as nonresponsive and shall be rejected.
- 14.5 The price shall be quoted as specified in the Form of Price Schedule given in **Section V - Bidding Forms**. The dis-aggregation of price components is required solely for the purpose of facilitating the comparison of bids by the Purchaser. This shall not in any way limit the Purchaser's right to contract on any of the terms offered. Prices shall be entered in the following manner:
- (i) the unit and total price of the Goods on DDP (Delivered Duty Paid) – Consignee Location basis;
  - (ii) the price of related services as specified in Section V - Schedule of Requirements;
  - (iii) Goods and Services Tax (GST) payable on the Goods and related services if the contract is awarded

## 15. Bid Currency

- 15.1 The bidder should submit its quote in Indian Rupees only.
- 15.2 Bids, where prices are quoted in any other currency shall be treated as non -responsive and rejected.

## 16. Documents establishing the compliance of Goods

- 16.1 To establish the conformity of the Goods to the Bidding Documents, the Bidder shall furnish as part of its Bid, **Technical Compliance Sheet** as per Form provided in **Section V: Bidding Forms** and the documentary evidence that the Goods conform to the technical specifications and standards specified in **Section IV - Schedule of Requirements**.
- 16.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods, demonstrating substantial responsiveness of the Goods to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the **Section IV - Schedule of Requirements**.

- 16.3 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section IV - Schedule of Requirements.

## **17. Documents establishing the eligibility and Qualification of the Bidder**

- 17.1 To establish Bidder's their eligibility in accordance with ITB Para 5, Bidders shall complete the Letter of Technical Bid, included in **Section V - Bidding Forms**.
- 17.2 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction that the Bidder meets each of the qualification criterion specified in **Section III - Qualification and Evaluation Criteria**.

## **18. Period of validity of Bids**

- 18.1 Bids shall remain valid for the period **specified in the BDS** after the bid submission deadline date prescribed by the Purchaser in accordance with ITB Para 22.1. A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.
- 18.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid.
- 18.3 The Bidder who agree to the extension of the period of validity of bids so requested by the Purchaser shall also extend the period of validity of bid securities submitted by them or submit new bid security to cover the extended period of validity of their bids. A bidder whose bid security is not extended or new bid securities not submitted shall be considered to have refused the request to extend the period of validity of its bids and rejected as non-responsive. The decision of Purchaser will be final and binding in this regard.

## **19. Bid Security**

- 19.1 Bidders shall furnish as part of its bid, a Bid Security Declaration as per the format provide in Section V – **Bidding Forms**.
- 19.2 Any bid not accompanied by Bid Security Declaration as specified in ITB Para 19.1 above shall be rejected by the Purchaser as non-responsive.
- 19.3 Bidder will be suspended and declared ineligible for two years from the date of suspension, to submit bids / proposals against Request for Bids / Request for Proposals issued by the Purchaser, in the following cases:



- (a) When the bidder withdraws or modifies its bid during the validity of bids as specified in the Letter of Bid; or
- (b) when the bidder, having been notified of the acceptance of its bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract; or (ii) fail to furnish the Performance Security, if required in accordance with the Bid Documents.

19.4 The Micro and Small Enterprise (MSE) bidders, registered with MSME or those registered with NSIC are exempted from submission of bid security. In such case, bidder should submit copy of MSME or National small industries corporation (NSIC) registration and documents showing exemption from submission of bid security, in lieu of bid security

## 20. Format and Signing of Bids

- 20.1 The Bidder shall prepare and submit one original set of Technical Bid and clearly mark it as "Technical Bid - ORIGINAL" along with such number of additional copies thereof **as specified in the BDS**, marking these additional copies as "Technical Bid - COPY" clearly. In the event of any discrepancy between the original bid and its copies, the contents of the original bid marked "ORIGINAL" shall prevail and be taken into account. The bidder shall prepare and submit **only one original set of Financial Bid** and clearly mark it as "Financial Bid – ORIGINAL".
- 20.2 The original and all additional copies of the Technical Bid and original of the Financial Bid shall be typed or written in ink with all pages serially numbered and signed by the bidder or a person duly authorized to sign on behalf of the bidder in token of acceptance of the terms and conditions of the Bidding Documents. This authorization shall consist of a written confirmation **as specified in the BDS** which shall be attached to the Bid.
- 20.3 Any corrections in the bid such as interlineations, erasures, or overwriting shall be valid only if they are duly signed or initialled by the person signing the bid.

## D. SUBMISSION AND OPENING OF BIDS

### 21. Sealing, Marking and Submission of Bids

- 21.1 Bidders may submit their bids by post or by hand or drop in the box earmarked by the Purchaser. Bids so submitted shall enclose the original and each copy of the Technical Bid in separately sealed envelopes duly marked as "ORIGINAL" and "COPY" and original of Financial Bid duly marked as "ORIGINAL" in separately sealed envelope. The envelopes containing the original and the copies of Technical Bid and original of Financial Bid shall then be enclosed in one single sealed outer envelope.
- 21.2 The inner and outer envelopes shall bar the:
  - a) name and complete address along with the mobile, telephone number and email address of the Bidder;
  - b) complete postal address of the Purchaser;
  - c) specific identification mark / Bid Ref. No. and subject matter of procurement;



d) a warning 'not to open before the time and date for bid opening' as indicated in the Bidding Documents

21.3 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility about its consequences viz. misplacement or premature opening of the bid

## **22. Deadline for Submission of Bids**

22.1 Bids must be received by the Purchaser at the address and no later than the date and time **specified in the BDS.**

22.2 The date of submission and opening of bids shall not be extended except when –

- a) sufficient number of bids have not been received within the given time and the Purchaser is of the opinion that further bids are likely to be submitted if time is extended; or
- b) the Bidding Documents are required to be substantially modified as a result of discussions in pre-bid meeting or otherwise and the time for preparations of bids by the prospective bidders appears to be insufficient for which such extension is required.

22.3 In cases where the time and date of submission of bids is extended, an amendment to the Bidding Documents shall be issued in accordance with ITB Para 10, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline extended

22.4 If the due date for submission of bids is not a working day, the bids shall be received and opened at the same time and hour on the next working day.

## **23. Late Bids**

23.1 The Purchaser's officer authorized to receive the bids shall not receive any bid that is submitted personally by hand after the time and date fixed for submission of bids under any circumstances.

23.2 Any bid which arrives by post after the deadline for submission of bids shall be declared and marked as "Late" and returned unopened to the bidder by registered post.

## **24. Withdrawal, Substitution and Modification of Bids**

24.1 A bidder may withdraw, substitute, or modify its bid after it has been submitted by sending a written notice, duly signed by the bidder or his representative authorised in writing and such letter of authority shall be enclosed with the bid. The corresponding substitution or modification of the bid contained in sealed envelopes as required must accompany the written notice. Such written notice shall be –

- a) submitted in accordance with the Bidding Documents with the envelope clearly marked as "Withdrawal – Technical Bid / Financial Bid," "Substitution – Technical Bid / Financial Bid," or "Modification – Technical Bid/ Financial Bid" as applicable, and
- b) received by the officer authorised to receive the bids or directly dropped in the bid box prior to the last time and date fixed for receiving of bids.

- 24.2 Bids requested to be withdrawn shall be returned unopened to the bidders.
- 24.3 No bid shall be withdrawn, substituted, or modified after the time and date fixed for receipt of bids as specified in the BDS.

## 25. Opening of Bids

- 25.1 The sealed bid box shall be opened by the Bid Opening Committee constituted by the Purchaser at the time, date and place **as specified in the BDS** in the presence of the Bidders' authorized representatives who choose to be present, enabling them to watch the proceedings.
- 25.2 The Purchaser's officer authorized to receive bids shall also handover all the bids received by him up to the time and date for submission of bids to the convener of the Bid Opening Committee and obtain the signature of the convener of the Committee in the bids receipt register.
- 25.3 Each bid received shall be opened by the Bid Opening Committee in the presence of the bidders or their authorised representatives who choose to be present. All envelopes containing bids shall be signed, indicating date and time, by the members of the Committee in token of verification of the fact that they are sealed. The envelopes shall be numbered as "a/n", where 'a' denotes the serial number at which the bid envelop has been taken for opening and 'n' denotes the total number of bids received by the specified time;
- 25.4 The Bid Opening Committee shall prepare a list of bidders or their representatives attending the opening of bids and obtain their signatures on the same. The list shall also contain the name, e-mail and mobile telephone number of the representatives and the corresponding names and addresses of the bidders they represent. The authority letters brought by the representatives shall be attached to the list. The list shall be signed by all members of Bid Opening Committee indicating the date and time of opening of the bids.
- 25.5 At first, envelopes marked "WITHDRAWAL - Technical Bid" shall be opened, read out, and recorded and the envelope containing the corresponding bid shall not be opened, but returned to the concerned bidders. No bid shall be permitted to be withdrawn unless the corresponding withdrawal notice contains a valid authorisation to request the withdrawal which shall also be read out and recorded. If the withdrawal notice is not accompanied by the valid authorisation, the withdrawal shall not be permitted and the corresponding bid shall be opened.
- 25.6 Next, envelopes marked as "SUBSTITUTION – Technical Bid" shall be opened, read out, recorded and exchanged for the corresponding bid being substituted and the substituted bid shall not be opened, but returned to the bidder. No bid shall be substituted unless the corresponding substitution notice contains a valid authorisation to request the substitution which shall also be read out and recorded. Thereafter, envelopes marked as "MODIFICATION – Technical Bid" shall be opened, read out and recorded with the corresponding bid. No bid shall be modified unless the corresponding modification notice contains a valid authorisation to request the modification which shall be read out and recorded.
- 25.7 All other envelopes containing Technical Bids shall be opened one at a time and the following details shall be read out and recorded-

- (a) The name of the bidder and whether there is a substitution or modification;

- (b) the bid security declaration submitted; and
- (c) any other details as the Committee may consider appropriate.

- 25.8 After all the Technical Bids have been opened, these shall be initialled and dated on the first page of each bid by the members of the Bid Opening Committee. The original and additional copies of the bid shall be marked accordingly. Alterations, corrections, additions, overwriting shall be initialled legibly to make it clear that such alterations, corrections, additions, overwriting existed in the bid at the time of opening.
- 25.9 No bid shall be rejected at the time of bid opening except the late bids.
- 25.10 The Bid Opening Committee shall prepare a record of the proceedings of the technical bid opening that shall include the name of the bidders and whether there is a withdrawal, substitution, or modification, and alternative offers if they were permitted, and bid security declaration. The bidders or their representatives, who are present, shall sign the record. The omission of a bidder's signature on the record shall not invalidate the contents and effect of the record. The members of the Committee shall also sign the record noting the date;
- 25.11 The time and date of opening of Financial Bids (including its modification and substitution, if any) shall be informed to Bidders assessed qualified during technical evaluation of bids

## **E. EVALUATION AND COMPARISON OF BIDS**

### **26. Confidentiality**

- 26.1 Information relating to the evaluation of bids and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with the bidding process until information on Contract Award is communicated to all Bidders
- 26.2 Any effort by a Bidder to influence the Purchaser in the evaluation or contract award decisions may result in the rejection of its Bid.
- 26.3 Notwithstanding ITB Para 26.2, from the time of bid opening to the time of Contract Award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.

### **27. Preliminary Examination of Bids**

- 27.1 The Bid Evaluation Committee constituted by the Purchaser shall conduct a preliminary scrutiny of the opened bids at the beginning to assess the prima-facie responsiveness and record its findings thereof particularly in respect of the following:
- (a) that the bid is signed, as per the requirements listed in the Bidding Documents;
  - (b) that the bid has been sealed as per instructions in the Bidding Documents;
  - (c) the bid is valid for the period, specified in the Bidding Documents;
  - (d) that the bid is accompanied by due Bid Security Declaration;
  - (e) that the bid is unconditional and that the bidder has agreed to give the required performance security; and
  - (f) whether any other conditions specified in the Bidding Documents are fulfilled.

## **28. Clarification of Bids**

- 28.1 To assist in the examination, evaluation, comparison and qualification of the bids, the Bid Evaluation Committee may, at its discretion, ask any bidder in writing for clarification by a specific date regarding its bid specifically therein that if the bidder does not comply or respond by that date his bid shall be liable to be rejected. The request of the Committee for clarification and the response of the bidder thereto shall be in writing. Depending on the outcome, such bids shall be ignored or considered further;
- 28.2 Any clarification submitted by a bidder with regard to his bid that is not in response to a request by the Committee specifically shall not be considered;
- 28.3 No change in the prices or substance of the bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Committee in the evaluation of the financial bids;
- 28.4 No substantive change to qualification information or to a submission, including changes aimed at making an unqualified bidder, qualified or an unresponsive submission, responsive shall be sought, offered or permitted under any circumstances;
- 28.5 All communication generated as above shall be included in the record of the procurement proceedings.

## **29. Immaterial Non-conformities in Bids**

- 29.1 The Bid Evaluation Committee may waive non-conformities in the bid that do not constitute a material deviation, reservation or omission and deem the bid to be responsive;
- 29.2 The Bid Evaluation Committee may request the bidder to submit necessary information or documents which are historical in nature like audited statements of accounts, GSTIN Registration Certificate, etc. within a reasonable period of time. Failure of the bidder to comply with the request within the given time shall result in the rejection of its bid;
- 29.3 The Bid Evaluation Committee may rectify immaterial non-conformities or omissions on the basis of the information or documentation received from the bidder under ITB Para 29.2.

## **30. Determination of Technical Responsiveness**

- 30.1 The Bid Evaluation Committee constituted by the Purchaser shall determine the responsiveness of a bid to the Bidding Documents based on the contents of the bid submitted by the Bidder;
- 30.2 A bid shall be deemed to be substantially responsive if it meets the requirements of the Bidding Documents without any material deviation, reservation, or omission where: -
  - (a) “deviation” is a departure from the requirements specified in the Bidding Documents;
  - (b) “reservation” is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Documents; and
  - (c) “omission” is the failure to submit part or all of the information or documentation required in the bidding documents.
- 30.3 A “material deviation, reservation, or omission” is one that,

- (a) If accepted, shall: -
    - (i) effect in any substantial way the scope, quality, or performance of the subject matter of procurement specified in the Bidding Documents; or
    - (ii) limit in any substantial way, inconsistent with the Bidding Documents, the rights of the Purchaser or the obligation of the Bidder under the proposed contract; or
  - (b) if rectified shall unfairly affect the competitive position of other Bidders presenting responsive bids;
- 30.4 The Bid Evaluation Committee shall examine the technical aspects of the bid in particular to confirm that all requirements of Bidding Documents have been met without any material deviation, reservation or omission;
- 30.5 The Bid Evaluation Committee shall regard a bid as responsive if it conforms to all requirements set out in the Bidding Documents, or contains minor deviations that do not materially alter or depart from the characteristics, terms, conditions and other requirements set out in the Bidding Documents, that is, there is no material deviation, or if it contains errors or oversights that can be corrected without any change in the substance of the bid;
- 30.6 Bids that are not responsive or contain any material deviation shall be rejected. Bids declared as non-responsive shall be excluded from any further evaluation.

## 31. Nonconformities, Errors and Omissions

- 31.1 Provided that a Bid is substantially responsive, the Bid Evaluation Committee may waive any nonconformities in the Bid.
- 31.2 Provided that a bid is substantially responsive, the Purchaser or authorised representative may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.
- 31.3 Provided that a bid is substantially responsive, the Bid Evaluation Committee shall rectify quantifiable nonmaterial nonconformities related to the Bid Price. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component.

## 32. Qualification of the Bidder

- 32.1 The Purchaser shall determine to its satisfaction whether the Bidder(Consortium/Joint Venture/Individual) meets the qualifying criteria **specified in Section III - Evaluation and Qualification Criteria**
- 32.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Para 17
- 32.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the

Purchaser/ Evaluation Committee shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's qualifications to perform satisfactorily.

### 33. Financial Evaluation and Comparison of Bids

33.1 In order to evaluate Financial Bids, the Purchaser shall consider the following:

- (a) evaluation will be done for Items or Schedules (contracts), as **specified in the BDS**; and the Bid Price as quoted in accordance with ITB Para 14.
- (b) price adjustment for correction of arithmetic errors in accordance with ITB 34
- (c) price adjustment due to quantifiable nonmaterial nonconformities in accordance with ITB 31
- (d) the additional evaluation factors are specified in **Section III: Evaluation and Qualification Criteria**

33.2 The Purchaser shall compare the evaluated prices of all substantially responsive bids established in accordance with ITB 33 to determine the lowest evaluated bid. The comparison shall be on the basis of DDP (place of final destination) prices, together with prices for any required installation, training, commissioning and other services. The evaluation of a bid will exclude and not take into account IGST / SGST / CGST payable on the Goods and related services if the contract is awarded to the Bidder.

33.3 If Bidders are allowed to quote separate prices for different Schedules (contracts), the methodology to determine the lowest evaluated price of the Schedule (contract) combinations, including any discounts offered in the Letter of Financial Bid Form as specified in BDS and in **Section III - Evaluation and Qualification Criteria**

### 34. Correction of Arithmetical Errors

34.1 Provided that the Bid is substantially responsive, the Bid Evaluation Committee shall correct arithmetical errors in the following cases, namely:

- (a) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Committee there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- (b) if there is an error in a calculation of the total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.

34.2 If the price bid is ambiguous leading to two equally valid total price amounts, the bid shall be treated as non-responsive and rejected.

34.3 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction in accordance with ITB Para 34.1, shall result in the rejection of the Bid.

### **35. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids**

- 35.1 The Employer reserves the right to accept or reject any bid, and to cancel / annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the Bidders for which the Purchaser shall keep record of clear and logical reasons properly for any such action / recall of bidding process. In case of cancellation / annulment, all bids submitted and specifically, bid securities, shall be promptly returned to the Bidders

## **F. AWARD OF CONTRACT**

### **36. Award Criteria**

- 36.1 The Purchaser shall award the Contract to the Bidder whose bid has been accepted after evaluation of bids.
- 36.2 The contract shall not be awarded to more than one bidder by splitting the quantity as given in Schedule of Requirements.

### **37. Purchaser's Right to vary Quantities at the time of Award**

- 37.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section IV, Schedule of Requirements, provided this does not exceed the percentages **specified in the BDS**, and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.

### **38. Notification of Award**



- 38.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted. The notification letter (hereinafter and in the Conditions of Contract and Contract Forms called the “Letter of Acceptance”) shall specify the sum that the Purchaser will pay the Supplier in consideration of the supply of Goods (hereinafter and in the Conditions of Contract and Contract Forms called “the Contract Price”).
- 38.2 Until a formal Contract is prepared and executed, the Letter of Acceptance shall constitute a binding Contract.
- 38.3 The Purchaser shall promptly respond in writing to any unsuccessful Bidder who, after notification of award in accordance with ITB Para 38.1, requests in writing the grounds on which its bid was not selected.

## 39. Performance Security<sup>1</sup>

- 39.1 Within twenty-eight (28) days of the receipt of Letter of Acceptance from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the GCC, using the Performance Security Form included in **Section VIII: Contract Forms**, or another Form acceptable to the Purchaser.
- 39.2 The validity of the performance security shall be for a period of 45 days beyond the date of completion of all contractual obligations.

## 40. Signing of Contract

- 40.1 Promptly after notification of Award, the Purchaser shall send the successful Bidder the Contract Agreement
- 40.2 Within twenty-eight (28) days of receipt of the Contract Agreement, the successful Bidder shall sign, date, and return it to the Purchaser

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<sup>1</sup> <https://www.doe.gov.in/sites/default/files/Performance%20Security.pdf>



## Section II – Bid Data Sheet (BDS)

The following specific data for the goods and related services to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB

ITB Para Reference	Particulars
	<b>A. General</b>
<b>ITB 1.1</b>	<p>The reference number of the Notice Inviting Bids (NIB) is:  <b><u>AMTZ/Proc./ATE/2021/002</u></b></p> <p>The Purchaser is:  <b>AMTZ Campus, Pragati Maidan, VM Steel Project S.O, Visakhapatnam, Pin-530031 Andhra Pradesh, India</b></p>
<b>ITB 7.2</b>	<a href="https://www.amtz.in/rfp-tenders/">https://www.amtz.in/rfp-tenders/</a>
	<b>B. Bidding Documents</b>
<b>ITB 8.1</b>	<p>The Purchaser's address for the purpose of any clarification is:  <b>AMTZ Campus, Pragati Maidan, VM Steel Project S.O, Visakhapatnam, Pin-530031 Andhra Pradesh, India</b></p> <p>E-mail: <a href="mailto:shivam.anand@amtz.in">shivam.anand@amtz.in</a></p> <p>Phone: 8002962566</p> <p>Requests for clarification should be received by the Purchaser no later than:  <b>06:00 PM, 12/10/2021</b></p>
<b>ITB 8.2</b>	<a href="https://www.amtz.in/rfp-tenders/">https://www.amtz.in/rfp-tenders/</a>
<b>ITB 9.1</b>	<p>Pre-Bid Meeting shall be scheduled: <b>Yes</b></p> <p>The name of contact person, venue, time and date for pre-bid meeting are specified as under:</p> <p>Name of contact person: <b>Shivam Anand</b></p> <p>Contact Details: 8002962566</p> <p><b>e-mail:</b> <a href="mailto:shivam.anand@amtz.in">shivam.anand@amtz.in</a></p> <p>Address of Venue: Pre-Bid Meeting shall be conducted online. Link to attend the meeting is Pre-Bid Meeting for Procurement of Equipment for Additive Manufacturing Facility</p> <p>Tuesday, October 12 · 3:30 – 4:30pm</p> <p>Google Meet joining info</p>

	<p>Video call link: <a href="https://meet.google.com/yvj-qojt-rzq">https://meet.google.com/yvj-qojt-rzq</a></p> <p>Or dial: (US) +1 864-663-2626 PIN: 497 947 154#</p> <p>More phone numbers: <a href="https://tel.meet/yvj-qojt-rzq?pin=4815034967123">https://tel.meet/yvj-qojt-rzq?pin=4815034967123</a></p> <p>Time and Date: <b>03:30 PM. on 12/10/2021</b></p>
ITB 10.2	<a href="https://www.amtz.in/rfp-tenders/">https://www.amtz.in/rfp-tenders/</a>
	<b>C. Preparation of Bids</b>
ITB 11.1 (xii)	The Bidder shall submit the following additional documents in its Bid: <b>None</b>
ITB 13.1	Alternative Bids <b><i>shall not be</i></b> considered.
ITB 14.4	The price quoted by the bidder shall be <b>fixed</b> during the Bidder's performance of the Contract and shall not be subject to variation on any account, <b>except for GST, payable on Goods and related services.</b>
ITB 18.1	The bid validity period shall be <b><i>90 days after the deadline for bid submission.</i></b>
ITB 19.1	Bid Security Declaration
ITB 20.1	In addition to the original of the Bid, the number of copies is: <b>1 (one)</b>
ITB 20.2	<p>The written confirmation of authorization to sign on behalf of the Bidder shall consist of any one:</p> <p>(1) Copy of Resolution of Board of Directors</p> <p>(2) Authorization Letter issued by Competent authorized on bidder firms letter head / official stationery</p> <p>(3) Notarized affidavit</p>
	<b>D. Submission and Opening of Bids</b>
ITB 22.1	<p>Purchaser's address for bid submission is: Procurement Division, Ground Floor, Admin Building, <b>AMTZ Campus, Pragati Maidan, VM Steel Project S.O, Visakhapatnam, Pin- 530031 Andhra Pradesh, India</b></p> <p>The deadline for Bid Submission is: <b>03:00 PM. on 05/11/2021</b></p>
ITB 25.1	<p>The bid opening shall take place at Procurement Division, Ground Floor, Admin Building, <b>AMTZ Campus, Pragati Maidan, VM Steel Project S.O, Visakhapatnam, Pin- 530031 Andhra Pradesh, India</b></p> <p>The date and time for Bid opening is: <b>03:30 PM. on 05/11/2021</b></p>
	<b>E. Evaluation and Comparison of Bids</b>
ITB 33.1 (a)	Bids will be evaluated <b>for each Item / Schedule separately</b>
ITB 37.1	The maximum percentage by which quantities may vary is: <b><i>±25% (Twenty Five percent)</i></b>



## Section III – Evaluation and Qualification Criteria

This Section contains all the criteria that the Purchaser shall use to evaluate a bid and qualify the Bidders (**Consortium/Joint Venture/Individual/Group of Industry association is allowed**) in accordance with ITB 30 and 32 no other factors, methods or criteria shall be used.

### 1. Evaluation (ITB 32)

#### 1.1. Evaluation Criteria {ITB 33.1 (e)}

The Purchaser shall use the criteria and methodologies listed in this Section to evaluate Bids. By applying the criteria and methodologies the Purchaser shall determine the Most Advantageous Bid. This is the Bid that meets the Qualification Criteria and has been determined to be:

- a) substantially responsive to the bidding document, and
- b) the lowest evaluated cost. with applicable warranty as specified in the section 3.A.Technical Specifications – General Requirements

The determination of bidder quoting lowest evaluated cost shall be based on the comparison of evaluated bid price carried out on “Delivered Duty Paid (DDP) consignee site basis”, and cost of related services quoted by substantially responsive bidders.

**Cost of CMC for 3 years after expiry of warranty period:** *such annual prices will also be added for comparison/ranking purpose for evaluation, wherever required.*

The Purchaser’s evaluation of a Bid to determine lowest evaluated bidder may take into account, in addition to the Bid Price quoted in accordance with ITB 14, using the following factors and methodologies.

#### 1.2 Multiple Contracts (ITB 33.3)

If Bids are invited for individual Schedules or for any combination of Schedules, the contract will be awarded to the bidder or bidders offering a substantially responsive bid(s) and the lowest evaluated cost to the Purchaser for combined Schedules, subject to the selected bidder(s) meeting the required Qualification Criteria (this Section IV, Qualification Requirements) for a Schedule or combination of Schedules as the case may be.

### 2. Qualification of the Bidder (Consortium/Joint Venture/Individual/Group of Industry association) (ITB 32)

#### 2.1 Qualification Requirements (ITB 32.1)

The Purchaser shall carry out the qualification assessment of the Bidder in accordance with ITB 32, using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder’s qualifications.

##### a) If the Bidder is a manufacturer:

##### i) Experience and Technical Capacity

- a) To qualify for each Schedule, the bidder, should have achieved an average annual turnover of at least Rs. 5.0 Crore during last three financial years (i.e., 2017-18, 2018-19 and 2019-20).

- b) Bidder should be in continuous business of manufacturing / supplying the similar Goods as specified in the bid during last three years prior to bid opening and should have manufactured and supplied atleast two unit of similar Goods, during last three years preceding the date of opening of bids
- c) If bidder is an industry association group, then atleast two-member representative of this group must be the member of Industry association.

## ii) Documentary Evidence

The Bidder shall furnish the following documentary evidence to demonstrate that it fulfills the experience and technical capacity, as above:

- a) CA Attested Turnover certificate for last 3 financial year (i.e., 2017-18, 2018-19 and 2019-20)
- b) Details of past experience in support of qualification requirement given in para a).i).a), including past performance of the Goods offered and on those of similar nature within the past three years, details of current contracts in hand and other commitments (as per form given in **Section V, Bidding Forms- Performance Statement Form**).
- c) Furnish at least 1 or more documentary evidence (**Client's certificate**) in support of the satisfactory execution including timely supply by the Bidder during last three years. Purchaser may seek feedback from Clients on satisfactory supply of the goods supplied to them. In case, Purchaser gets two or more adverse feedback from existing end users, bids of those bidders will not be considered for further evaluation. In addition, the Purchaser may take technical feedback from Govt. facilities for the use of particular goods offered by the bidder.
- d) Brief write-up, backed with adequate data explaining the Bidder's available capacity and experience (both technical and commercial) for the manufacture and/or supply of the required Goods within the specified time of completion after the meeting of all of the Bidder's current commitments.
- e) Confirmation that all the facilities exist in the manufacturers or bidder's warehouse for inspection and testing and these will be made available to Purchaser or his representative for inspection (documentary evidence to be submitted).

## **b) If Bidder (Consortium/Joint Venture/Individual/Group of Industry association) is not manufacturer:**

### **i) Experience and Technical Capacity**

- a) To qualify for each Schedule, the bidder, should have achieved an average annual turnover of at least Rs. 5.0 Crore during last three financial years (i.e., 2017-18, 2018-19 and 2019-20).
- b) If a Bidder is not a manufacturer, but is offering the Goods on behalf of the Manufacturer under Manufacturer's Authorization Form (Section V, Bidding Forms), the Bidder shall demonstrate that it has supplied atleast two numbers

of the similar Goods, during last three years preceding the date of opening of bids.

- c) If bidder is an industry association group, then atleast two-member representative of this group must be the member of Industry association.

## ii) Documentary Evidence

The Bidder shall furnish the following documentary evidence to demonstrate that it fulfills the experience and technical capacity, as above:

- a) CA Attested Turnover certificate for last 3 financial year (i.e., 2017-18, 2018-19 and 2019-20)
- b) Details of past experience **of Bidder firm** in support of qualification requirement given in para b).i).b) (applicable for its manufacturer);
- c) Details of past experience **of manufacturer** in support of qualification requirement given in para b).i). a) (applicable for bidder); including past performance of the Goods offered and on those of similar nature within the past three years, details of current contracts in hand and other commitments (as per form given in **Section V, Bidding Forms- Performance Statement Form**).
- d) Furnish at least 1 or more documentary evidence (**Client's certificate**) in support of the satisfactory execution including timely supply by the Bidder during last three years. Purchaser may seek feedback from Clients on satisfactory supply of the goods supplied to them. In case, Purchaser gets two or more adverse feedback from existing end users, bids of those bidders will not be considered for further evaluation. In addition, the Purchaser may take technical feedback from Govt. facilities for the use of particular goods offered by the bidder.
- e) Brief write-up, backed with adequate data explaining the Bidder's available capacity and experience (both technical and commercial) for the manufacture and/or supply of the required Goods within the specified time of completion after the meeting of all of the Bidder's current commitments.
- f) Confirmation that all the facilities exist in the manufacturer's or bidder's warehouse for inspection and testing and these will be made available to Purchaser or his representative for inspection (documentary evidence to be submitted).

## d) Technical demonstration of Goods / Equipment offered:

- i) Prior to contract award, the lowest evaluated substantially responsive Bidder may be requested to organize demonstration/ sample evaluation of the goods, for inspection of quality and its efficient operation and demonstration of performance parameters before Purchaser or its authorized team. In case, the goods does not perform satisfactorily and does not pass quality / performance test, the bid would be deemed to be non-responsive and Purchaser reserves the right to move to next lowest evaluated responsive bidder for such a technical demonstration of goods.
- ii) the bidder shall arrange for demonstration of offered goods at desired location intimated later by Purchaser, at own cost, either directly or through authorized Dealer /Distributors, as the case may be, for verification by the

Purchaser, whether the goods offered meets the accuracy and other quality parameters as indicated in Technical Specifications at Section IV. The bidder should be prepared to do so by keeping one sample unit of the quoted goods ready at its disposal.

## Section IV – Schedule of Requirements

### A. List of Goods and Equipment required:

Sch. No.	Equipment Name	Quantity Required
1	Pellet Additive Manufacturing System	1
2	Fused Deposition Modeling – FDM Additive System	1
3	Digital Anatomy Printer – PolyJet	1
4	Stereolithography / Digital Light Processing Printer-SLA	1
5	Selective Laser Sintering – SLS	1
6	Direct Metal Laser Sintering	1
7	Metal - Fused Filament Fabrication	1
8	Ceramic Binder Jetting	1
9	Ceramic - Selective Laser Sintering	1
10	Fibre Laser Material Cutting Machine	1
11	Sheet Metal Processing - Stamping Machine	1
12	Sheet Metal Processing - Forming / Bending Machine	1
13	Ultrasonics Assisted 5 Axis Machining Centre	1
14	Advanced Thermoforming Machine	1
15	Advanced Multi- Material Molding Machine	1
16	7 Axes Collaborative Robot	1
17	6 Axes Medium Payload Robot	1
18	Scara Assembly Robot	1
19	Simulation	1
20	Thermogravimetric Analyser	1
21	Dynamic Sensing Calorimeter	1
22	Dynamic Mechanical Analyser	1
23	Microscopy	1
24	Universal Testing Machine	1
25	Torque Tools, Rivet Tools and Self Piercing Tools	1
26	Solvent and Adhesives Dispensing Systems and Accessories	1
27	Ultrasonic Joining Work Cell	1
28	Laser Joining Work Cell	1
29	Friction Welding	1
30	Hot plate Welding	1
31	High Frequency Welding	1



## B. List of Related Services:

Sch. No.	Equipment Name	Quantity Required	CMC after expiry of Warranty		
1	Pellet Additive Manufacturing System	1	Year - 3	Year - 4	Year - 5
2	Fused Deposition Modeling – FDM Additive System	1	Year - 3	Year - 4	Year - 5
3	Digital Anatomy Printer – PolyJet	1	Year - 3	Year - 4	Year - 5
4	Stereolithography / Digital Light Processing Printer- SLA	1	Year - 3	Year - 4	Year - 5
5	Selective Laser Sintering – SLS	1	Year - 3	Year - 4	Year - 5
6	Direct Metal Laser Sintering	1	Year - 3	Year - 4	Year - 5
7	Metal - Fused Filament Fabrication	1	Year - 3	Year - 4	Year - 5
8	Ceramic Binder Jetting	1	Year - 3	Year - 4	Year - 5
9	Ceramic - Selective Laser Sintering	1	Year - 3	Year - 4	Year - 5
10	Fibre Laser Material Cutting Machine	1	Year - 3	Year - 4	Year - 5
11	Sheet Metal Processing - Stamping Machine	1	Year - 3	Year - 4	Year - 5
12	Sheet Metal Processing - Forming / Bending Machine	1	Year - 3	Year - 4	Year - 5
13	Ultrasonics Assisted 5 Axis Machining Centre	1	Year - 3	Year - 4	Year - 5
14	Advanced Thermoforming Machine	1	Year - 3	Year - 4	Year - 5
15	Advanced Multi- Material Molding Machine	1	Year - 3	Year - 4	Year - 5
16	7 Axes Collaborative Robot	1	Year - 3	Year - 4	Year - 5
17	6 Axes Medium Payload Robot	1	Year - 3	Year - 4	Year - 5
18	Scara Assembly Robot	1	Year - 3	Year - 4	Year - 5
19	Simulation	1	Year - 3	Year - 4	Year - 5
20	Thermogravimetric Analyser	1	Year - 3	Year - 4	Year - 5
21	Dynamic Sensing Calorimeter	1	Year - 3	Year - 4	Year - 5
22	Dynamic Mechanical Analyser	1	Year - 3	Year - 4	Year - 5
23	Microscopy	1	Year - 3	Year - 4	Year - 5
24	Universal Testing Machine	1	Year - 3	Year - 4	Year - 5
25	Torque Tools, Rivet Tools and Self Piercing Tools	1	Year - 3	Year - 4	Year - 5
26	Solvent and Adhesives Dispensing Systems and Accessories	1	Year - 3	Year - 4	Year - 5
27	Ultrasonic Joining Work Cell	1	Year - 3	Year - 4	Year - 5
28	Laser Joining Work Cell	1	Year - 3	Year - 4	Year - 5
29	Friction Welding	1	Year - 3	Year - 4	Year - 5
30	Hot plate Welding	1	Year - 3	Year - 4	Year - 5
31	High Frequency Welding	1	Year - 3	Year - 4	Year - 5

**C. Delivery & Completion Schedule:**

Delivery to Consignees within 30 days from the date of issue of the Notification of Award (NOA) at the Consignee addresses given below.

Center of Excellence for Additive Manufacturing Facility

,  
AMTZ Campus,  
Pragati Maidan,  
VM Steel Project SO,  
Visakhapatnam 530031.

**D. Terms of Delivery**

DDP final destination (including unloading and shifting of goods till the final place of destination (i.e., Additive manufacturing facility)

Sl. No.	Name of the Site	Place / Floor, where equipment is to be delivered / installed
1	Additive Manufacturing Facility	Ground Floor

### 3. Technical Specifications

#### A. Technical Specifications – General Requirements

1. **Pre-requisite for equipment installation:** The pre-requisites for installation of equipment should be clearly defined in the technical proposal by bidder and the cost for pre-requisite for installation should be borne by bidder. Before proceeding for installation, bidder to confirm that pre-requisite for installations are completed on site
2. **Installation of Equipment:** Selected/Awarded bidder has to install the delivered equipment by certified or qualified personnel. Bidder to perform IQ, OQ and PQ for equipment as per Manufacturer Protocols. Bidder to provide user training to end user during installation.
3. **Service/Maintenance:** The supplier shall have a functioning after-sale-service in India covering the whole country, including adequate infrastructure, competent and adequately staffed technical personnel with adequately provisioned spare part store allowing responding to any complaints and to repair within 7 days /replace the unit within 14 days of receipt of complaint.
4. **Operational support:** Bidder/Supplier should provide operational support for the supplied equipment to the extent required.
5. **Comprehensive Warranty Period & CMC Services:**

Sch. No.	Equipment Name	Quantity Required	Services under Warranty & CMC Period	Maintenance services under warranty & CMC Period
1	Pellet Additive Manufacturing System	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
2	Fused Deposition Modeling – FDM Additive System	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.

Sch. No.	Equipment Name	Quantity Required	Services under Warranty & CMC Period	Maintenance services under warranty & CMC Period
3	Digital Anatomy Printer – PolyJet	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
4	Stereolithography / Digital Light Processing Printer-SLA	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
5	Selective Laser Sintering – SLS	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
6	Direct Metal Laser Sintering	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
7	Metal - Fused Filament Fabrication	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.

Sch. No.	Equipment Name	Quantity Required	Services under Warranty & CMC Period	Maintenance services under warranty & CMC Period
			during the warranty period and CMC.	3. Calibration to be done annually as per standard protocols.
8	Ceramic Binder Jetting	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
9	Ceramic - Selective Laser Sintering	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
10	Fibre Laser Material Cutting Machine	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
11	Sheet Metal Processing - Stamping Machine	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.

Sch. No.	Equipment Name	Quantity Required	Services under Warranty & CMC Period	Maintenance services under warranty & CMC Period
12	Sheet Metal Processing - Forming / Bending Machine	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
13	Ultrasonics Assisted 5 Axis Machining Centre	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
14	Advanced Thermoforming Machine	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
15	Advanced Multi-Material Molding Machine	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.

Sch. No.	Equipment Name	Quantity Required	Services under Warranty & CMC Period	Maintenance services under warranty & CMC Period
16	7 Axes Collaborative Robot	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
17	6 Axes Medium Payload Robot	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
18	Scara Assembly Robot	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
19	Simulation	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
20	Thermogravimetric Analyser	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes	1. Breakdown calls to be attended as and when required.

Sch. No.	Equipment Name	Quantity Required	Services under Warranty & CMC Period	Maintenance services under warranty & CMC Period
			replacements of part, consumables etc. during the warranty period and CMC.	2. Preventive Maintenance to be carried out annually. 3. Calibration to be done annually as per standard protocols.
21	Dynamic Sensing Calorimeter	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required. 2. Preventive Maintenance to be carried out annually. 3. Calibration to be done annually as per standard protocols.
22	Dynamic Mechanical Analyser	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required. 2. Preventive Maintenance to be carried out annually. 3. Calibration to be done annually as per standard protocols.
23	Microscopy	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required. 2. Preventive Maintenance to be carried out annually. 3. Calibration to be done annually as per standard protocols.
24	Universal Testing Machine	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc.	1. Breakdown calls to be attended as and when required. 2. Preventive Maintenance to be carried out annually.



Sch. No.	Equipment Name	Quantity Required	Services under Warranty & CMC Period	Maintenance services under warranty & CMC Period
			during the warranty period and CMC.	3. Calibration to be done annually as per standard protocols.
25	Torque Tools, Rivet Tools and Self Piercing Tools	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
26	Solvent and Adhesives Dispensing Systems and Accessories	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
27	Ultrasonic Joining Work Cell	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
28	Laser Joining Work Cell	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.

Sch. No.	Equipment Name	Quantity Required	Services under Warranty & CMC Period	Maintenance services under warranty & CMC Period
29	Friction Welding	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
30	Hot plate Welding	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.
31	High Frequency Welding	2 Years from the date of Installation	Besides activities mentioned in Maintenance Services it includes replacements of part, consumables etc. during the warranty period and CMC.	1. Breakdown calls to be attended as and when required.
				2. Preventive Maintenance to be carried out annually.
				3. Calibration to be done annually as per standard protocols.

**6. Equipment Manual:** Installation, Operator, Maintenance/Service manuals in English should be provided with each equipment.

**7. Spare part list:** Bidder to submit the spare part price list along with the financial quote.

**8. Accessories list:** Bidder to submit the accessories list including the cost for quoted equipment

**9. Factory Calibrated Certificate:** Equipment must be supplied with valid calibration certificate stating that the equipment has been calibrated at factory.

**10. Packing data**

Packing data are not necessarily part of the bidding process but are needed for shipment and for customs declarations.

Net weight.

Gross weight.

Dimensions (W x H x D) in cm.

Appliances must be transported upright (Y/N).

Customer's tariff number.

11. The design and workmanship of equipment offered, including power supply, has to be suited to operate properly and continuously under the climatic conditions in India, especially humidity (e.g., <90% at 35°C), permissible ambient temperature (e.g. +5°C to +45° C), protection against fungi, and possible spikes in the electric network.
12. ISO 9001: The manufacturer must have Manufacturer System Certified to ISO 9001.
13. Safety standards: The equipment must comply with ISI certification as per BIS Standards or any equivalent international safety standards such as IEC- 61010 and IEC- 60601 etc.

## **B. Technical Specifications – Specific Requirements**

### **Schedule No.1**

Equipment Name: Pellet Additive Manufacturing System		
Sl. No.	Technical Specifications	
1	Build Volume	Min (234 x 134 x 230) mm
2	Printer Type	Material Jetting- Plastic Free forming
3	Part Carrier	3 Axis
4	Discharge Units	2-3 units
5	Build Area	300 Sq-cm
6	Extruders	3
7	Position Accuracy	+/- 0.022
8	Max Temperature	350 Degree Celsius
9	Output	2-14 Cu-cm /h
10	Wall thickness	Min 0.6 mm
11	Layer Thickness	0.2 mm
12	Build Chamber	Two Piece Build Chamber

### **Schedule No.2**

Equipment Name: Fused Deposition Modeling – FDM Printer		
Sl. No.	Technical Specifications	
1	Build Volume	406 x 355 x 406 mm
2	Material Delivery	Two bays each for Material and Support canisters, Auto changeover between canisters

3	Material Capabilities	Nylon, ULTEM
4	Accuracy	+/- 0.127 mm
5	Bed	Heated Bed
6	Chamber	Heated Chamber
7	Extrusion Temperature	Max 450 Degree Celsius
8	Cartridge Capacity	Cu cm

### **Schedule No.3**

Equipment Name: Digital Anatomy Printer – Poly Jet		
Sl. No.	Technical Specifications	
1	Build Size	Max 490 x 390 x 200 mm
2	Technology	PolyJet
3	Layer Thickness	14 Microns
4	Accuracy	Up to +/- 200 Microns
5	Materials	Rubber and Translucent

### **Schedule No.4**

Equipment Name: Stereolithography / Digital Light Processing Printer- SLA		
Sl. No.	Technical Specifications	
1.	Build volume	Min (335 x 200 x 300)
2.	XY Resolution	25 microns
3.	Laser Power	1-250mW
4.	Layer Thickness	25-300 microns
5.	Laser Spot Size	85 microns
6.	Materials	Acrylo-Epoxydes, Ceramics

### **Schedule No.5**

Equipment Name: Selective Laser Sintering – SLS		
Sl. No.	Technical Specifications	
1.	Build Volume	700mm x 380mm x 580mm
2.	Laser Type	Co2 Laser
3.	Laser Power	2 x 70 W

4.	Precision Optics	F-theta lens,
5.	Scan speed	Up to 2 x 10 m/s
6.	Machine Volume	2,250mm x 1,550mm x 2,100mm

### **Schedule No.6**

Equipment Name: Direct Metal Laser Sintering		
Sl. No.	Technical Specifications	
1.	Build Volume	400mm x 400mm x 400 mm
2.	Laser Type	Yb- Fiber Laser
3.	Laser Power	4 x 400 W
4.	Precision Optics	4 F-theta lenses
5.	Scan Speed	4 x 7.0 m/s
6.	Focus Diameter	100um (0.004 in)
7.	Compressed Air supply	7,000 H Pa, 20 cu-m /h

### **Schedule No.7**

Equipment Name: Metal Processing – FFF		
Sl. No.	Technical Specifications	
S.NO	Technical Specifications	
1.	Build Volume	Min 300mm x 220mm x 180 mm
2.	Print chamber	Heated
3.	Print Bed	Auto Levelling, Heated
4.	Nozzle	2
5.	Material	SS, TS, Inconel 625, Copper, Ceramic
6.	Material Load Type	Filament Fed, Bound Powder
7.	Layer height	50microns to 125 microns
8.	Connectivity	WIFI, LAN

### **Schedule No.8**

Equipment Name: Ceramics – Binder Jetting		
Sl. No.	Technical Specifications	
S.NO	Technical Specifications	
1.	Build Volume	800mm x 500mm x 400mm
2.	Material	Metal and Ceramic
3.	Layer Height	30 – 200 microns
4.	Build Rate	10,000 Cu cm / hr
5.	Technology	Binder
6.	Build Chamber	Heated
7.	Print Bed	Heated
8.	Binders	Phenolic, Water based, Solvent based.

### **Schedule No.9**

Equipment Name: Ceramic – SLS		
Sl. No.	Technical Specifications	
1.	Build Volume	600mm x 600mm x 300mm
2.	Laser Source	4 UV lasers
3.	Laser Spot Diameter	60 microns
4.	Laser Wavelength	405nm
5.	Layer Thickness	25- 125 microns
6.	Optimal Room Temperature	20- 25 Degree Celsius
7.	Compressed	6 Bars Dry

### **Schedule No.10**

Equipment Name: Fiber Laser Material Processing Machine		
Sl. No.	Technical Specifications	
1	Laser Type	Pulsed Infrared fiber Laser
2	Laser Power	Min 150 W to Max 300 W
3	Accuracy	+/- 0.002 mm

4	Repeatability	+/- 0.001 mm
5	Travel Range XY	400 X 500 mm
6	Travel Range Z	200 mm
7	Peak Power	1.5 KW to 3 KW
8	Motion system	Spindle Axis with Servo Motor
9	Drive	Linear
10	Compressed Air	6 Bar
11	High peak power combined with high pulse energy and high beam quality	
12	Cuts Materials like thick, hard and brittle materials like sapphire, PCD, or ceramics	

### **Schedule No.11**

#### **Sheet Metal Processing - Stamping Machine**

<b>S.NO</b>	<b>Technical Specifications</b>	
1.	Force Capacity	3000 KN
2.	Die Height	540 mm
3.	Slide Adjustment	120mm
4.	Slide Area (LR x FB)	1300 x 900 mm
5.	Bolster Area (LR x FB)	1700 x 1200 mm
6.	Motor type	AC Servo

7.	Motor Capacity	120 KW
8.	Motor Feature	HIGH Torque, Low RPM
9.	Stroke Length	Normal 400 mm Reverse- Variable
10.	Stroke Per Minute	35- 50 SPM

### **Schedule No.12**

#### **Sheet Metal Processing - Forming /Bending**

<b>S.NO</b>	<b>Technical Specifications</b>	
1.	Sheet Length (MIN- MAX)	350 -4000mm
2.	Sheet Width	180-1700mm
3.	Minimum Bending Length	350mm
4.	Max Width Between Bends	120 mm
5.	Bending Angle	130 degrees
6.	Bending force	410 KN
7.	Maximum Bending Height	204mm
8.	Maximum Thickness Steel Stainless Steel Aluminum	2- 3.2mm 1.5- 2.2mm 3-4mm
9.	Machine Control	CNC

### **Schedule No.13**

#### **Ultrasonic Assisted 5 Axis Machining Centre**

<b>S.NO</b>	<b>Technical Specifications</b>	
1	Working Table	200 x 200 mm
2	Main Spindle Power	6.5KW
3	Spindle Speed	40,000 RPM
4	Position Accuracy	0.003mm
5	Repeatability	0.002mm
6	Moving Speed X / Y /Z	15 m/min



7	Traverse Range	250 x 250 x 250 mm
8	Materials includes Ceramics, Glass, Metals.	
9	A/C Axis DD 5-Axis rotary table	
10	Tool magazine with 22 positions	
11	Touch probe for tool setting	
12	High precision grating ruler	
13	Precision screw guide	
14	Centralized automatic lubrication system with Coolant system	
15	Ultrasonic integrated into HSK 32E spindle	

### **Schedule No.14**

#### **Advanced Thermoforming Machine**

<b>S.NO</b>	<b>Technical Specifications</b>	
1.	Size of Clamping Frame	2.250 x 1.200 mm
2.	Thrust of Clamping Frame	2500 DaN
3.	Maximum sheet size	2.300 x 1.250 mm
4.	Maximum Mold Height	1200 mm
5.	Thrust of Mold Plate	6000 DaN
6.	Thrust of Plug assist	1500 DaN
7.	Quartz Lower heater Power	49 KW
8.	Quartz Upper heater Power	76 KW
9.	Vacuum Pump Capacity	2 X 165 mc/h
10.	Overall Dimensions	9500mm x 6500mm x 6300mm

### **Schedule No.15**

#### **Advance Multi-Material Molding**

<b>S.NO</b>	<b>Technical Specifications</b>
1	Equipment package for LSR Processing
2	Clamping unit can be swivelled to vertical position hydraulically with power operated safety gate
3	30mm LSR Cylinder Assembly

4	30mm thermoplastic cylinder assembly co-packed
5	Hydraulic needle type shut off nozzle 30mm
6	Drive for hydraulic needle type shut off nozzle 30mm
7	Electric & pneumatic control of needle type shut off nozzle 1 in mould
8	1st core pull, simultaneous movements, manually adj. pressure - Air blow unit 1 on moving platen
9	Vacuum control: 3/2-way vacuum valve and switch
10	Vacuum unit, approx. 25 cubic m/hr pump
11	Machine related cooling circuits, prog. Regulated
12	Sorter unit for separation of good and bad parts
13	Pneumatic maintenance unit with 2 reducers
14	Power safety kit (for protection of controller and electronics from voltage spikes of +/-20V)
15	4x freely programmable input/outputs
16	Cylinder heating circuits for accepting Thermoplastic cylinder assemblies

### **Schedule No.16**

#### **7 Axes Collaborative Robot – Medium Payload Robot**

S.NO	Technical Specifications	
1	Axes	7
2	Payload	14 kg

3	Reach	820 mm
4	Repeatability	+/- 0.1mm
5	Robot Mass	30 kg
6	Structure	Articulated
7	Mounting	Floor, Inverted, Angle
8	Applications	Coating, Machining, Palletizing, Fastening, Measuring

### **Schedule No.17**

#### **6 – Axis Medium Payload Robot**

S.NO	Technical Specifications	
1	Axes	6
2	Maximum	Payload
3	Rated Payload	20 -50 kg
4	Reach	2100 -3100 mm
5	Repeatability	+/- 0.05mm
6	Mounting	Floor, Ceiling, Wall, Angle
7	Protection Rating	IP65 / IP 67
8	Applications	Palletizing, Packaging, Welding

### **Schedule No.18**

#### **Scara Assembly Robot**

S.NO	Technical Specifications	
1	Axes	4
2	Maximum Payload / Rate Payload	Max 6 kg / 3 kg
3	Reach	Min 700 mm
4	Repeatability	+/- 0.02 mm
5	Mounting Position	Floor
6	Robot Mass	21 kg
7	IP Rating	IP 20
8	Applications	Assembly Dispensing Pick and place
9	Machine should be supplied with production handling equipment (Conveyor, Bowl feeder & Vibratory table)	

### **Schedule No.19**

#### **Simulation**

S.NO	Technical Specifications
1	Finite Element Analysis Software Tools
2	Process simulation & Modeling Software Stack
3	DFx Analysis Tools and System
4	DFAM – Design for Additive Manufacturing and Analysis Software Stack
5	Computational Fluid Dynamics Tools

### **Schedule No.20**

#### **Thermogravimetric Analyzer – TGA**

S.NO	Technical Specifications
1	Micro and Ultra Micro Balances with Sub microgram resolution over the whole Measurement Range
2	System - Buoyancy Compensation
3	Temperature Range RT – 1100 Degree Celsius
4.	Balancing Resolution 0.1/1 Microgram
5	Crucible Volume up to 150 Microliter
6	Heating Rate 0.02 to 250 K/min
7	Weighting Accuracy 0.005%
8	Weighting Precision 0.0025%

### **Schedule No.21**

#### **Dynamic Scanning Calorimeter- DSC**

S.NO	Technical Specifications	
1	Temperature range	-150 to 700 Degree Celsius
2	Sensor	FRS 5 + with 56 Thermocouples / HSS 8+ with 120 Thermocouples
3	Heating rate	0.02 to 300 K/min
4	TAWN resolution FRS/HSS	0.12 /0.2

5	TAWN sensitivity FRS/HSS	11.9 /5.6
6	Indium Response Ratio FRS Sensor	>155 mW per Degree Celsius

### **Schedule No.22**

#### **Dynamic Mechanical Analyser - DMA**

S.NO	Technical Specifications	
1	Temperature Range	-190 to 600 Degree Celsius
2	Peak Force	10 N
3	Minimal Force	0.001 N
4	Frequency Range	0.001 - 300 HZ

### **Schedule No.23**

#### **Microscopy**

S.NO	Technical Specifications	
1	Type	UV- Visible Spectrophotometer
2	Spectral Bandwidth	Selectable (0.5 - 4.0) nm
3	Light Source	Xenon Flash Lamp
4	Detector	Detector dual matched silicon photodiodes
5	Grating	Holographic, 1200 lines/mm , blazed at 240 nm
6	Beam Separation	210 mm
7	Wave length	190 nm – 2200 nm
8	Accuracy	+/- 0.20 nm (546.07 nm Hg emission line)
9	Scanning Speed	Variable, up to 6000nm/min
10	Scan Modes	Absorbance, % Transmittance, % Reflectance, Kubelka- Munk , Log (1/R), Log (Abs), ABS x Factor, Intensity , 1 <sup>st</sup> – 4 <sup>th</sup> Derivative

### **Schedule No.24**

#### **Universal Testing Machine**

S.NO	Technical Specifications	
1.	Capacity	600 KN
2.	Minimum Speed	0.0001 mm/min
3.	Maximum Speed	508mm /min
4.	Cross Head Travel	1850 mm
5.	Vertical Test Space	2000 mm
6.	Horizontal Test Space	762 mm

### **Schedule No.25**

#### **Torque Tools, Rivet Tools and Self Piercing Tools Set**

S.NO	Technical Specifications
1	Smart Rivet Tools
2	Corded Electric Assembly Tools
3	Cordless Electric Battery Assembly Tools
4	Fixtured Electric Assembly Tools

5	Pneumatic Assembly Tools
6	Fixtured Tools
7	Festooning Tools
8	Torque Tubes
9	Controller and aided Software tools
10	Accessories and Consumables of Self Piercing, Riveting and Torque tools

### **Schedule No.26**

#### **Solvent and Adhesives Dispensing Systems and Accessories**

S.NO	Technical Specifications
1	Dual Linear Guide, Advanced Servomotor and ball Screw Actuation
2	Path Programming
3	Closed loop feedback with encoding
4	Smart Vision Camera and Precise Laser non-contact sensing
5	Repeatability +/- 0.003 mm
6	EFD syringe Barrel and Valve System
7	Speed +/-0.004 mm
8	3 Axes Dispensing System
9	Drive System – Servo Motor / Micro Stepping Stepper Motor
10	Software Package for Dispensing and Monitoring included
11	Adhesives Solvent Dispensing systems with Featured solvents of Supplying Brand
12	General Adhesives and UV/ IR Curing Systems

### **Schedule No.27**

#### **Ultrasonic Joining Work Cell**

S.NO	Technical Specifications	
1.	Frequency	15 kHz – 50 kHz
2.	Control Type	Servo Motion Control
3.	Maximum Weld Force	600 N – 2500 N

4.	Stroke	80 -130 mm
5.	Linear distance Encoder with 1 micrometer resolution	
6.	Linear Servo actuator with integral roller screw mechanism	
7.	Status indicator and operational feedback with display	
8.	Additional press columns to increase part load area height	

### **Schedule No.28**

#### **Laser Joining Work Cell**

S.NO	Technical Specifications	
9.	Laser Source	Fiber Laser
10.	Laser Wattage	200- 450 W
11.	Welding Area	Min 250 x 250 Max 400 x 400
12.	Drive	Servo With Ball Screw
13.	Repeatability	0.01 mm
14.	XY Positioning Accuracy	0.06 mm
15.	Applications	Contact , Seam , Freeform and Seal Welding.

### **Schedule No.29**

#### **29. Friction Welding**

S.NO	Technical Specifications	
1.	Type	Spin Weld
2.	Max RPM	800 - 4000
3.	Power	Min 5 HP
4.	Stroke	100 -130 mm
5.	Max Vertical Force	1500 -2200 N
6.	Max Spin Torque	12- 80 Nm

### **Schedule No.30**

#### **Hot Plate / Hot Gas / Infrared Welding Machine**

S.NO	Technical Specifications	
1.	Heater Capacity	24KW
2.	Control	Servo



3.	3 Axis Coordinated Servo Motor with Torque Feedback
4.	Automatic Tool ID indicator
5.	Rapid Changeover between Hot and Infrared tools
6.	Machine with Three Welding Options – Hot plate, Hot gas, Infrared

### **Schedule No.31**

#### **High Frequency Welding**

S.NO	Technical Specifications	
1.	Type	Electro- Mechanical Vibration
2.	Frequency	200 – 240 Hz
3.	Table Size	610 x 455 mm
4.	Drive Type	Solid State Up to 40 hp Variable Frequency Drive
5.	HMI with remote I/O	
6.	Weld by time and Weld by distance options	
7.	Position Adjustable Cycle Activation Switches	
8.	Programmable amplitude and pressure profile up to 5 steps	

## **Section V – Bidding Forms**

### **Letter of Technical Bid**

*The Bidder must prepare the Letter of Technical Bid on its letterhead clearly showing the Bidder's complete name and address.*

***Note: All italicized text is for use in preparing these forms and shall be deleted from the final products.***

Date: **[insert date (as day, month and year) of Bid Submission]**

Bid Ref. No.: **[insert number of bidding process]**

To: **[insert complete name of Purchaser]**

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB 10);
- (b) We meet the eligibility requirements and have no Conflict of Interest in accordance with ITB 4;
- (c) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods:**[insert table giving Schedule No. and brief description of the Goods, Equipment and Related Services]**;
- (d) Our bid shall be valid for a period fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (e) If our bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
- (f) We are not participating, as a Bidder or as a subcontractor, in more than one bid in this bidding process in accordance with ITB 4.3(e), other than alternative bids submitted in accordance with ITB 13;
- (g) We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not debarred by any Procuring Entity under the State / UT Government, the Central Government, Autonomous body, Authority by whatever name called under them, UNOPS, UNDP, AMTZ or GFATM as on the date of opening of bids;
- (h) We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any activities which is in contravention of the Code of Integrity proscribed in ITB Para 3 of the Bidding Documents;
- (i) We hereby certify that we are neither associated nor has been associated directly or indirectly with the consultant or any other entity that has prepared the design, specifications and other documents for the subject matter of procurement or is being proposed as Project Manager for the contract
- (j) We hereby certify that we have fulfilled our obligations to pay all such taxes as payable to the Central Government or the State Government or any local authority;
- (k) We hereby certify that we are not insolvent, in receivership, bankrupt or being wound up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and must not be the subject of legal proceedings for any of the foregoing reasons;

- (l) We hereby certify that our directors and officers have not 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;
- (m) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed; and

Name of the Bidder

---

Name of the person duly authorized to sign  
the Bid on behalf of the Bidder

---

Title of the person signing the Bid

---

Signature of the person named above

---

Date signed

---

## Bidder Information Form

*[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]*

Date: *[insert date (as day, month and year) of Bid Submission]*

Bid Ref. No.: *[insert number of bidding process]*

1. Bidder's Name <i>[insert Bidder's legal name]</i>
2. Bidder's year of registration: <i>[insert Bidder's year of registration]</i>
3. Bidder's Address: <i>[insert Bidder's legal address]</i>
4. Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
5. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITB 4.3. <input type="checkbox"/> Organizational chart, a list of Board of Directors, and the beneficial ownership. <input type="checkbox"/> GSTIN Registration Certificate <input type="checkbox"/> Any other document

## ***Technical Specification Compliance***

### **(ITEM-BY-ITEM COMMENTARY ON THE PURCHASER'S TECHNICAL SPECIFICATIONS)** to be filed

[Please refer ITB Para 5 of the Bid Document]

Bidders must complete the table below.

**Schedule No.** \_\_\_\_

**Name of Equipment:** \_\_\_\_\_

Sr. No.	Tender Technical Specification Requirement	Bidder's Specification (technical compliance/ Deviation, if any)
		Make: .....  Model:..... ...
	As per Technical Specifications given in Section IV: Schedule of Requirements under section 3.A.Technical Specification-General Requirement & 3.B,Technical Specifications-Specific Requirement	

## Letter of Financial Bid

*The Bidder must prepare the Letter of Financial Bid on its letterhead clearly showing the Bidder's complete name and address.*

***Note: All italicized text is for use in preparing these forms and shall be deleted from the final products.***

Date: **[insert date (as day, month and year) of Bid Submission]**

Bid Ref. No.: **[insert number of bidding process]**

To: **[insert complete name of Purchaser]**

- (a) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: **[insert table giving Schedule No. , brief description of the Goods, Equipment and Related Services and Total Bid Price]** as per attached Price Schedule attached Price Schedule.
- (b) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Name of the Bidder

---

Name of the person duly authorized to sign the Bid on behalf of the Bidder

---

Title of the person signing the Bid

---

Signature of the person named above

---

Date signed

---

## Form of Price Schedule

### A. Price Schedule for Goods

*[The Bidder shall fill in the Price Schedule Form for Goods in accordance with the instructions indicated. The list of line items in column 1 of the Price Schedules shall coincide with the List of Goods specified by the Purchaser in the Schedule of Requirements and may be appropriately modified as per requirement of particular Goods]*

1	2	3	4	5	6	7	8	9	10
Schedule No.	Description of Goods	HSN Code	Physical Unit	Quantity	Unit Price (DDP – Place of Final Destination) inclusive of all costs, taxes, duties to deliver goods at final destination, except IGST/SGST/CGST paid or payable on goods	Total Price of Goods (Col. 5 x 6)	Total Price for related services except IGST/SGST/CGST paid or payable on related services	Total Bid Price of Goods (Col. 7+8)	IGST/SGST/CGST paid / payable on goods (rate and amount)
I									
II									
		<b>Total Bid Price for Goods (A)</b>						_____	

Signature and seal of bidder's authorized signatory

## B. Price Schedule for Related Services

*[The Bidder shall fill in the Price Schedule Form for related services in accordance with the instructions indicated. The list of line items in column 1 of the Price Schedules shall coincide with the List Related Services specified by the Purchaser in the Schedule of Requirements and may be appropriately modified as per requirement of particular related services]*

1	2	3	4	5	6	7	8	9	10	11
Schedule No..	Brief Description of Goods	HSN Code	Description of Related Services	Quantity of Goods (Nos.)	Unit Cost of related services (Year-3)	Unit Cost of related services (Year-4)	Unit Cost of related services (Year-5)	Total Unit Cost of related services (Col. 6 + 7 + 8)	Total Bid Price of Related Services (Col. 9 x 5)	IGST/ SGST/ CGST paid / payable on related Services (rate and amount)
I			<b>Example:</b> CMC / of 2 years after expiry of warranty period							
II										
<b>Total Bid Price for Related Services (B)</b>									_____	

Signature and seal of bidder's authorized signatory



## Bid Security Declaration<sup>2</sup>

Please refer to ITB Para 19 of the Bid Document]

*[The Bidder shall fill in this form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]*

Date: *[date (as day, month and year)]*

Bid Ref. No.: *[number of bidding process]*

Ref:

To

**M/s. Andhra Pradesh Med Tech Zone Ltd.**

AMTZ Campus, Pragati Maidan

VM Steel Project S.O,

Visakhapatnam, Pin- 530031

Andhra Pradesh, India

We, the undersigned, declare that:

We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

We accept that we will automatically be suspended from being eligible for bidding in any contract with the Purchaser for the period of 2 (two) years starting on the date of suspension, if we are in breach of our obligation(s) under the bid conditions, because we:

- (a) have withdrawn our Bid during the period of bid validity specified in the Letter of Technical Bid; or
- (b) having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract; or (ii) fail or refuse to furnish the Performance Security, if required, in accordance with the ITB.

We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

Name of the Bidder

Name of the person duly authorized to sign the Bid on behalf of the Bidder \_\_\_\_\_

Title of the person signing the Bid \_\_\_\_\_

Signature of the person named above \_\_\_\_\_

Date signed \_\_\_\_\_

<sup>2</sup> <https://www.doe.gov.in/sites/default/files/Bid%20Security%20-%20Earnest%20Money%20Deposit.pdf>

## Manufacturer's Authorization

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the **BDS**.]*

Date: *[insert date (as day, month and year) of Bid Submission]*

Bid Ref. No.: *[insert number of bidding process]*

To: *[insert complete name of Purchaser]*

### WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid, the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 29 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ *[insert date of signing]*

## Proforma for Performance Statement (for a period of last three years)

Name of the Firm \_\_\_\_\_

Order placed by (full address of Purchaser)	Order No. and Date	Descripti on and quantity of ordered goods	Value of order	Date of completion of delivery		Remarks indicating reasons for late delivery, if any	Has the supply of goods been satisfactor y performan ce? *
				As per contract	Actu al		
1	2	3	4	5	6	7	8

Signature and seal of the Bidder

The Bidder shall also furnish the following documents in connection with their past performance:

- i. Copy of Purchase Orders
- ii. Copy of Invoices
- iii. Proof of Payment received from Purchasers
- iv. Documentary evidence (Client's certificate) in support of satisfactory completion of contract

## Proforma for Other Details of Bidder, Manufacturer and its Bank

1. Name & full address of the Manufacturer:

2. (a) Telephone & Fax No

Office /Works

(b) Email

3. Location of the manufacturing factory.

4. Name & full address of the Bidder

5. (a) Telephone/Mobile & Fax No

Office/Factory/Works

(b) Email

6. Details of two Persons that Purchaser may contact for requests for clarification during bid evaluation:

	1 <sup>st</sup>	2 <sup>nd</sup>
(i) Name:		
(ii) Tel number (direct):		
(ii) Mobile No.		
(iv) Email address		

7. Bank details from where the Bank Guarantee for performance has to be issued:

(i) Name and address of the Bank:

(ii) Name of the contact Person

(iii) Phone number/Mobile

(iv) Fax Number

(v) Email address

**Signature and seal of the Bidder**

## Section VII – General Conditions of Contract

### Table of Clauses

1. Definitions.....	- 70 -
2. Contract Documents .....	- 70 -
3. Code of Integrity .....	- 71 -
5. Language.....	- 73 -
6. Joint Venture or Consortium.....	- 73 -
7. Eligibility .....	- 73 -
8. Notices .....	- 74 -
9. Governing Law.....	- 74 -
10 Settlement of Disputes .....	- 74 -
11. Inspections and Audit by the Purchaser .....	- 75 -
12. Scope of Supply .....	- 75 -
13. Delivery and Documents .....	- 75 -
14. Supplier's Responsibilities .....	- 75 -
15 Contract Price .....	- 75 -
16. Terms of Payment.....	- 75 -
17. Taxes and Duties .....	- 76 -
18. Performance Security .....	- 77 -
19. Copyright .....	- 77 -
22. Subcontracting .....	- 79 -
24. Packing and Documents .....	- 80 -
25. Insurance .....	- 80 -
26. Transportation and Incidental Services .....	- 80 -
27. Inspections and Tests.....	- 81 -
28. Liquidated Damages.....	- 81 -
29. Warranty .....	- 82 -
30 Limitation of Liability .....	- 82 -
31. Change in Laws and Regulations.....	- 82 -
32. Force Majeure.....	- 83 -
34. Extensions of Time.....	- 84 -
36. Assignment.....	- 85 -

## Section VI. General Conditions of Contract

### 1. Definitions

1.1 The following words and expressions shall have the meanings hereby assigned to them:

- (a) "Contract" means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- (b) "Contract Documents" means the documents listed in the Contract Agreement, including any amendments thereto.
- (c) "Contract Price" means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
- (d) "Day" means calendar day.
- (e) "Completion" means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- (f) "GCC" means the General Conditions of Contract.
- (g) Goods may include all articles, material, commodities, electricity, livestock, furniture, fixtures, raw material, spares, instruments, software, machinery, equipment, industrial plant, vehicles, aircraft, ships, railway rolling stock and any other category of goods, whether in solid, liquid or gaseous form, purchased or otherwise acquired for the use of a procuring entity as well as services or works incidental to the supply of goods of the value of services or works or both does not exceed that of the goods themselves.
- (h) "Purchaser" means the entity purchasing the Goods, **as specified in the SCC.**
- (i) "SCC" means the Special Conditions of Contract.
- (j) "Subcontractor" means any person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
- (k) "Supplier" means the person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
- (l) "Consignee Location" means the place named in the **Schedule of Requirements.**

### 2. Contract Documents

2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and

mutually explanatory. The Contract Agreement shall be read as a whole.

### **3. Code of Integrity**

- 3.1 The Purchaser and all officers or employees of the purchaser, whether involved in the procurement process or otherwise, or Bidders and their representatives or consultants or service providers participating in a procurement process or other persons involved, directly or indirectly in any way in a procurement process shall maintain an unimpeachable standard of integrity.
- 3.2 Purchaser prescribes to the its personnel and Bidders to uphold the Code of Integrity, which prohibits officers or employees of a Purchaser or a person participating in a procurement process the following:
- (i) any offer, solicitation or acceptance of any bribe, reward or gift or any material benefit, either directly or indirectly, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process;
  - (ii) any omission, including a misrepresentation that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
  - (iii) any collusion, bid rigging or anti-competitive behaviour to impair the transparency, fairness and progress of the procurement process;
  - (iv) improper use of information shared between the procuring entity and the bidders with an intent to gain unfair advantage in the procurement process or for personal gain;
  - (v) any financial or business transactions between the bidder and any officer or employee of the Purchaser, who are directly or indirectly related to tender or execution process of contract;
  - (vi) any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
  - (vii) any obstruction of any investigation or audit of a procurement process;
  - (viii) making false declaration or providing false information for participation in -

- a) tender process or to secure a contract;
- b) disclosure of Conflict of Interest;
- c) disclosure by the bidder of any previous transgressions with any entity in India or any other country during the last three years or of any debarment by any other Procuring Entity

3.3 In case of any breach of the Code of Integrity by a bidder or a prospective bidder, as the case may be, the Purchaser after giving a reasonable opportunity of being heard, may take appropriate measures including –

- a) exclusion of the bidder from the procurement process;
- b) calling off of pre-contract negotiations and forfeiture or encashment of bid security;
- c) forfeiture or encashment of any other security or bond relating to procurement;
- d) recovery of payments made by the Purchaser along with interest thereon at bank rate;
- e) cancellation of the relevant contract and recovery of compensation for loss incurred by the Purchaser;
- f) debarment of the bidder from participation in any future procurements from Purchaser for a period not exceeding three years.

#### 4. Interpretation

4.1 If the context so requires it, singular means plural and vice versa.

4.2 Incoterms

- a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms.
- b) The term DDP and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms **as specified in the SCC** and published by the International Chamber of Commerce in Paris, France.

4.3 Entire Agreement

The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.



#### 4.4 Amendment

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

#### 4.5 non-waiver

- (a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.
- (b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

#### 4.6 Severability

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

### **5. Language**

- 5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in English language. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by a self-certified accurate translation of the relevant passages in English language, in which case, for purposes of interpretation of the Contract, this translation shall govern.
- 5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

### **6. Joint Venture or Consortium**

- 6.1 If the Supplier is a joint venture, or consortium, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture or consortium. The composition or the constitution of the joint venture or, consortium, shall not be altered without the prior consent of the Purchaser.

### **7. Eligibility**

- 7.1 The Supplier and its Subcontractors shall have the nationality of any country with which India has not banned trade relations.

- 7.2 All Goods to be supplied under the contract shall have their origin in India or any other country with which India has not banned trade relations. The term “origin” used in this clause means the place where the goods are mined, grown, produced, or manufactured or from where the related services are arranged and supplied
- 8. Notices**
- 8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the **address specified in the SCC**. The term “in writing” means communicated in written form with proof of receipt.
- 8.2 A notice shall be effective from the date of delivery or on the notice’s effective date, whichever is later. In case of electronic mode of communication, a notice shall be effective from the time of sending of the electronic communication.
- 9. Governing Law**
- 9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Union of India.
- 10 Settlement of Disputes**
- 10.1 The Purchaser and the Supplier shall make every effort to resolve amicably any disagreement or dispute arising between them under or in connection with the Contract.
- 10.2 Dispute Redress mechanism/ Committees: 2-tier (Procuring entity level headed by the Director, State Redress Committee).
- 10.3 If, the dispute is not settled through dispute settlement mechanism and if after sixty (60) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration wherever applicable, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the rules of procedure **specified in the SCC**.
- 10.4 Notwithstanding any reference to arbitration herein,
- (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
  - (b) the Purchaser shall not be required to pay the Supplier any monies to the Supplier in respect of the matter related to the arbitration unless otherwise agreed.

<b>11. Inspections and Audit by the Purchaser</b>	<p>11.1 The Supplier shall keep, and shall make all reasonable efforts to cause its Subcontractors to keep, accurate and systematic accounts and records in respect of the Goods in such form and details as will clearly identify relevant time changes and costs.</p> <p>11.2 The Supplier shall permit, and shall cause its Subcontractors to permit, the Purchaser and/or persons appointed by the Purchaser to inspect the Supplier's offices and all accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Purchaser, if requested. The Supplier's and its Subcontractors and consultants' attention is drawn to Clause 3 [Code of Integrity], which provides, inter alia, that acts intended to materially impede the exercise of the Purchaser's inspection and audit rights provided for under this Sub-Clause 11.1 constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Purchaser's prevailing sanctions procedures)</p>
<b>12. Scope of Supply</b>	<p>12.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.</p>
<b>13. Delivery and Documents</b>	<p>13.1 Subject to GCC Sub-Clause 33.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the <b>SCC</b>.</p>
<b>14. Supplier's Responsibilities</b>	<p>14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.</p>
<b>15 Contract Price</b>	<p>15.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in the <b>SCC</b>.</p>
<b>16. Terms of Payment</b>	<p>16.1 The Contract Price, including any Advance Payments, if applicable, shall be paid as specified in the <b>SCC</b>.</p> <p>16.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and related services performed, and by the documents submitted pursuant to GCC Clause 13 and upon fulfillment of all other obligations stipulated in the Contract.</p> <p>16.3 Payments shall be made by the Purchaser, after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it subject to the defect liability as specified in the <b>SCC</b>.</p>

16.4 The payments shall be made to the Supplier under this Contract in Indian Rupees only.

16.5 Advance Payment:

- a) The Purchaser will make the advance payment a maximum of 30% of the total contract value (if any) set out in the Schedule of Payment, as a loan for mobilisation, when the Contractor submits a Bank Guarantee for advance payment in accordance with this Sub-Clause 16.5. If no advance payment is set out in the Schedule of Payment, then this Sub-Clause 16.5 will not apply.
- b) The Bank Guarantee for advance payment payable in accordance with Sub- Clause 16.5 (a), must be an unconditional and irrevocable on-demand bank guarantee in the form provided in the Schedule of Security, from a bank approved by the Employer. Unless and until the Purchaser receives this guarantee, Sub-Clause 16.5 will not apply
- c) The Contractor must ensure that the Bank Guarantee for advance payment is valid and enforceable until the whole of the advance payment has been repaid, but its amount may be progressively reduced by the amount repaid by the Contractor in the interim payments. If the terms of the guarantee specify its expiry date, and the advance payment has not been repaid by the date 28 days prior to the expiry date, the Contractor must extend the validity of the guarantee until the advance payment has been repaid.
- d) The advance payment must be repaid by the Contractor through percentage deductions in interim payments. The Purchaser will deduct a percentage of each interim payment, at the rate stated in the Schedule of Payments, until such time as the advance payment has been repaid.
- e) If the advance payment has not been repaid prior to the delivery of Goods or prior to termination of the Contract, the whole of the balance then outstanding will immediately become due and payable by the Contractor to the Employer.

## **17. Taxes and Duties**

17.1 The Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

**18. Performance Security**

- 18.1 If required as specified in the SCC, the Supplier shall, within fifteen (15) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the **SCC**.
- 18.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 18.3 The Performance Security if required, shall be denominated in Indian Rupees and shall be in one of the format stipulated by the Purchaser in the **SCC**.
- 18.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the **SCC**.

**19. Copyright**

- 19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party

**20. Patent Indemnity**

- 20.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 20.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

- (a) the installation of the Goods by the Supplier or the use of the Goods at the Purchaser's Site; and
- (b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

- 20.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 20.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.
- 20.3 If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.
- 20.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.
- 20.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

**21. Confidential Information**

- 21.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.
- 21.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.

21.3 The obligation of a party under GCC Sub-Clauses 21.1 and 21.2 above, however, shall not apply to information that:

- (a) the Purchaser or Supplier need to share with the such institution(s) participating in the financing of the Contract;
- (b) now or hereafter enters the public domain through no fault of that party;
- (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
- (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.

21.4 The above provisions of GCC Clause 21 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.

21.5 The provisions of GCC Clause 21 shall survive completion or termination for whatever reason, of the Contract.

## **22. Subcontracting**

22.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.

22.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

## **23.**

### **Specifications and Standards**

23.1 Technical Specifications and Drawings

- (a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section IV, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.
- (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.
- (c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 33.

## **24. Packing and Documents**

- 24.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.
- 24.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the **SCC**, and in any other instructions ordered by the Purchaser.

## **25. Insurance**

- 25.1 Unless otherwise specified in the **SCC**, the Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the **SCC**.

## **26. Transportation and Incidental Services**

- 26.1 Unless otherwise specified in the **SCC**, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.
- 26.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, **specified in SCC**:
- (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
  - (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
  - (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
  - (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
  - (e) training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
- 26.3 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by



the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services

## **27. Inspections and Tests**

- 27.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods as are specified in the **SCC**.
- 27.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in the Purchaser's Country as specified in the **SCC**. Subject to GCC Sub-Clause 27.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.
- 27.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 27.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.
- 27.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.
- 27.5 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
- 27.6 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 27.4.
- 27.7 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 27.5, shall release the Supplier from any warranties or other obligations under the Contract.

## **28. Liquidated Damages**

- 28.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the **SCC** of the delivered price of the delayed Goods or unperformed Services for

each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in the **SCC**. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 35.

## **29. Warranty**

- 29.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 29.2 Subject to GCC Sub-Clause 23.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the state.
- 29.3 Unless otherwise specified in the **SCC**, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof, as the case may be, have been delivered to and accepted at the final destination indicated in the **SCC**.
- 29.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
- 29.5 Upon receipt of such notice, the Supplier shall, within the period specified in the **SCC**, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 29.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the **SCC**, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

## **30 Limitation of Liability**

- 30.1 Except in cases of criminal negligence or willful misconduct, the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement.

## **31. Change in Laws and Regulations**

- 31.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in India (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the

Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.

### **32. Force Majeure**

- 32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 32.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

### **33. Change Orders and Contract Amendments**

- 33.1 The Purchaser may at any time order the Supplier through notice in accordance to GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:
- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
  - (b) the method of shipment or packing;
  - (c) the place of delivery; and
  - (d) the related services to be provided by the Supplier.
- 33.2 If any such change causes an increase or decrease in the cost of, or the time required for the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.

33.3 Prices to be charged by the Supplier for any related services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

33.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

#### **34. Extensions of Time**

34.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of related services pursuant to GCC Clause 14, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 28, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

#### **35. Termination**

35.1 Termination for Default

(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:

- i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 34;
- ii) if the Supplier fails to perform any other obligation under the Contract; or
- iii) if the Supplier, in the judgment of the Purchaser has engaged in breach of Code of Integrity, as defined in GCC Clause 3, in competing for or in executing the Contract.

(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods procured by the Purchaser.. However, the

Supplier shall continue performance of the Contract to the extent not terminated.

**35.2 Termination for Insolvency.**

The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser

**35.3 Termination for Convenience.**

The Purchaser, by notice sent to the Supplier, 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 the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

to have any portion completed and delivered at the Contract terms and prices; and/or

to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

**36. Assignment**

**36.1** Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

## Section VII – Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC

<b>GCC 1.1(h)</b>	The Purchaser is: _____
<b>GCC 1.1 (l)</b>	The Project Site(s)/Final Destination(s) is <b>Specified in Schedule of Requirement.</b>
<b>GCC 4.2 (b)</b>	The version edition of Incoterms shall be <i>2010</i>
<b>GCC 8.1</b>	<p>For <b><u>notices</u></b>, the Purchaser's address shall be:</p> <p>_____</p> <p>For <b><u>notices</u></b>, the Supplier's address shall be:</p> <p>_____</p>
<b>GCC 10.3</b>	<p>The rules of procedure for arbitration proceedings pursuant to GCC Clause 10.3 shall be as follows:</p> <p>i) In case of Dispute or difference arising between the Purchaser and a supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996. The arbitral tribunal shall consist of 3 arbitrators one each to be appointed by the Purchaser and the Supplier. The third Arbitrator shall be chosen by the two Arbitrators so appointed by the Parties and shall act as Presiding arbitrator. In case of failure of the two arbitrators appointed by the parties to reach upon a consensus within a period of 30 days from the appointment of the arbitrator appointed subsequently, the Presiding Arbitrator shall be appointed in accordance with the provisions of the Arbitration and Conciliation Act 1996.</p> <p>ii) If one of the parties fails to appoint its arbitrator in pursuance of sub clause (a) above, within 30 days after receipt of the notice of the appointment of its arbitrator by the other party, then the appointment of the Arbitrator shall be made in accordance with the provisions of the Arbitration and Conciliation Act 1996.</p> <p>iii) The venue of Arbitration shall be New Delhi and the language of the arbitration proceedings and that of all councils and communications between the parties shall be English.</p>

	<p>iv) The decision of the majority of arbitrators shall be final and binding upon parties. The cost and expenses of Arbitration proceedings will be paid as determined by the arbitral tribunal. However, the expenses incurred by each party in connection with the preparation, presentation, etc. of its proceedings as also the fees and expenses paid to the arbitrator appointed by such party or on its behalf shall be borne by each party itself.</p> <p>v) The provisions of the Arbitration and Conciliation Act of 1996 along with the Rules herewith and any statutory modification or reenactment thereof shall apply to arbitration proceedings.</p> <p>vi) If a dispute under the Supplier Contract raises the same issues as those in respect of a related dispute with another supplier contract, the Purchaser will have the option of having the arbitration proceedings joined.</p>
<b>GCC 12 (additional clause 12.2)</b>	<p>Add as a new Clause 12.2 of the GCC</p> <p><i>[ in case annual maintenance services are required post warranty, add these clauses with modifications as appropriate]</i></p> <p>The supplier will provide two years warranty that will include Comprehensive Annual maintenance (Contract) including all spare parts and repair <i>[insert as required]</i></p> <p>The supplier shall visit each site at least twice a year for preventive maintenance of equipment. During such visits, shall provide operational training to concerned staff on use of equipment. The Schedule of such visits should be shared with consignee in advance. The manufacturer should be able to provide service of equipment across the State within 24 hours after receipt of breakdown report for the metro location and within 3 days for the non-metro located instruments, failing which a penalty as stipulated below will apply</p> <p>During the Warranty period in case of non-compliance of the above, liquidated damages at the rate of 0.075% of the Contract Price per non-functional unit per day, beyond timeline given above (for metro and non-metro located instruments) shall be imposed and equivalent amount shall be deducted from the performance security</p>
<b>GCC 13.1</b>	<p>Details of Documents to be furnished by the Supplier are:</p> <ul style="list-style-type: none"> <li>(i) One original and two copies of the supplier's commercial invoice in name of Purchaser, indicating the Contract number, Goods description, quantity, unit price, and total amount being claimed. Invoices must be signed in original and stamped, or sealed with the company stamp/seal;</li> <li>(ii) Two copies of the packing list identifying contents of each package</li> <li>(iii) One original of the manufacturer's Warranty Certificate covering all items supplied;</li> </ul>

	<p>(iv) Original and two copies of Certificate of Inspection furnished to supplier by the nominated agency (where inspection is required);</p> <p>(v) Original and two copies of Internal Test Analysis Report of the Manufacturer for the items offered</p> <p>(vi) Original of supplier's Certificate of Origin covering all items supplied;</p> <p>(vii) Any other/additional procurement-specific documents required for delivery/payment purposes showing delivery up to final destination.</p>
<b>GCC 15.1</b>	The prices charged for the Goods supplied and the related Services performed shall be fixed during the performance of the contract.
<b>GCC 16.1 &amp; 16.5</b>	<p>The payment under this Contract shall be released by the Purchaser after due scrutiny, verification of documents submitted by supplier. Payment shall be made by Electronic clearing systems (ECS) to the Supplier's nominated bank account. The method and conditions of payment to be made to the Supplier shall be as follows:</p> <p><i>[the clauses below are suggestive; the purchaser may modify as appropriate]</i></p> <p>(a) <b>Upon Signing of Contract and Submission of Advance Bank Guarantee:</b> Thirty (30) percent of the contract price of the Goods. Payment shall be released upon receipt of bank Guarantee for the amount equivalent to 30% of contract value.</p> <p>(b) <b>On Delivery:</b> Fifty (50) percent of the Contract Price of the Goods delivered to the consignee shall be paid within sixty (30) days of submission of documents specified in SCC Clause 13 above and Consignee Receipt Certificate</p> <p>(c) <b>On Successful, Installation, Commissioning and Testing of equipment:</b> Ten (20) percent of the Contract Price of Goods received shall be paid within sixty (30) days of receipt of Final Acceptance Certificate issued by the consignee.</p>
<b>GCC 18.1</b>	<p>Within 15 days after the Supplier's receipt of Notification of Award, the Supplier shall furnish Performance Security<sup>i</sup> to the Purchaser for an amount of 3% <i>[insert as appropriate]</i> of the contract value, valid up to 90 days after the date of completion of performance obligations including warranty obligations.</p> <p>In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected/replaced material shall be extended to a further period of <b>12 months</b> and the Performance Bank Guarantee for proportionate value shall be extended 90 days over and above the extended warranty period.</p>



<b>GCC 18.3</b>	The performance security shall be in the form of a bank guarantee and the named beneficiary shall be <b>M/s. Andhra Pradesh Med Tech Zone [name of purchaser]</b> . The bank guarantee shall be issued by a Scheduled Bank in India and in the format provided in the Bidding Documents.
<b>GCC 18.4</b>	The Performance Security will be discharged and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any warranty obligation, under the contract.
<b>GCC 24.2</b>	The packing, marking and documentation within and outside the packages shall be  <u>Packing Instructions:</u> The Supplier will be required to make separate packages for each Consignee. Each package will be marked with proper paint/indelible ink with the following: <i>[insert as required]</i>
<b>GCC 25.1</b>	The insurance shall be in an amount equal to 110 percent of the CIP value of the Goods from "warehouse" to "warehouse" on "All Risks" basis, including war risks and strikes showing purchaser as Beneficiary.
<b>GCC 26.1</b>	The Supplier is required under the Contract to transport the Goods to the specified place of final destination. Transportation to such place of destination, including unloading, insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs are included in the Contract Price.
<b>GCC 26.2</b>	Incidental services to be provided are: As per Section – V Schedule of Requirement – Technical Specifications
<b>GCC 27.1</b>	The Supplier shall conduct tests to confirm that the goods supplied are as per specification and enclose the test and inspection certificate along with supply.
<b>GCC 27.2</b>	The Purchaser or his representative may conduct the Inspections of the facility any time before the award of contract and also conduct Inspection for the Goods any time before or after the dispatch of Goods.  Unless the Goods supplied according to the Schedule of Requirements is satisfactorily installed and training on use of the equipment is provided, the Consignee will not issue the Final Acceptance Certificate.
<b>GCC 28.1</b>	Applicable rate shall not exceed one-half percent ( <b>0.5%</b> ) per week or part thereof
<b>GCC 28.1</b>	The maximum amount of liquidated damages shall be: 10%
<b>GCC 29.3</b>	(i) In partial modification of the provisions, the warranty period shall remain valid for the period specified in Schedule of Requirements  For purposes of the Warranty, the place(s) of final destination(s) shall be:

	The consignees mentioned in the Schedule of Requirement (Section V)
<b>GCC 29.5</b>	<p>The manufacturer should be able to provide service of equipment across India within 24 hours (modify period as appropriate) after receipt of breakdown report failing which a stipulated penalty will apply</p> <p>In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected/replaced material shall be extended to a further period of <b>12 months.</b>" <i>[modify period as appropriate]</i></p>

## Section – IX Contract Form

### Contract Agreement

*[The successful Bidder shall fill in this form in accordance with the instructions indicated]*

THIS AGREEMENT made

the *[ insert: **number** ]* day of *[ insert: **month** ]*, *[ insert: **year** ]*.

BETWEEN

- (1) *[ insert complete name of Purchaser ], a [ insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Purchaser }, or corporation incorporated under the laws of { insert name of Country of Purchaser } ] and having its principal place of business at [ insert address of Purchaser ] (hereinafter called “the Purchaser”), of the one part, and*
- (2) *[ insert name of Supplier], a corporation incorporated under the laws of [ insert: country of Supplier] and having its principal place of business at [ insert: address of Supplier ] (hereinafter called “the Supplier”), of the other part :*

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services

The Purchaser and the Supplier agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other contract documents.
  - (a) the Letter of Acceptance
  - (b) the Letter of Technical Bid and Financial Bid
  - (c) the Addenda Nos.\_\_\_\_\_ (if any)
  - (d) Special Conditions of Contract
  - (e) General Conditions of Contract
  - (f) the Specification (including Schedule of Requirements and Technical Specifications)
  - (g) the completed Schedules (including Price Schedule)
  - (h) any other document listed in GCC as forming part of the Contract

3. In consideration of the payments to be made by the Purchaser to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Union of India on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: *[insert signature]*

in the capacity of *[ insert title or other appropriate designation ]*

in the presence of *[insert identification of official witness]*

For and on behalf of the Supplier

Signed: *[insert signature of authorized representative(s) of the Supplier]*

in the capacity of *[ insert title or other appropriate designation ]*

in the presence of *[ insert identification of official witness]*

# Letter of Acceptance

*[on letterhead paper of the Purchaser]*

..... **date.** .....

To: *[insert name and address of the Supplier]*

Subject: **Contract No.** .....

This is to notify you that your Bid dated \_\_\_\_\_ *[insert **date of bid submitted by the bidder**]* for the execution of \_\_\_\_\_ *[insert **brief description of Goods and related services**]* against Bid Invitation Ref. No. \_\_\_\_\_ *(insert **Bid Ref. No.**)* is hereby accepted by the Purchaser for the Contract Amount of Rs. \_\_\_\_\_ *[insert **amount in numbers and words**]*, as corrected and modified in accordance with the Instructions to Bidders.

You are requested to furnish the Performance Security within 28 days in accordance with the Conditions of Contract, using for that purpose the of the Performance Security Form included in Section VIII, Contract Forms of the Bidding Documents.

Authorized Signature: .....

Name and Designation of Signatory: .....

Name of Purchaser: .....

## BANK GUARANTEE FOR ADVANCE PAYMENT

### Bank Guarantee

*[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]*

**Beneficiary:** *[insert name and Address of Purchaser]*

**Date:** *\_ [Insert date of issue]*

**PERFORMANCE GUARANTEE No.:** *[Insert guarantee reference number]*

**Guarantor:** *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that *\_ [insert name of Supplier]* (hereinafter called "the Applicant") has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the supply of *\_ [insert name of contract and brief description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[insert amount in figures]* (*[insert amount in words]*),<sup>1</sup> such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the .... Day of ....., 2...<sup>2</sup>, and any demand for payment under it must be received by us at this office indicated above on or before that date.

---

<sup>1</sup> *The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance.*

<sup>2</sup> *Insert the date twenty days after the expected completion dates described in GC Clause 18.4. The Purchaser should note that in the event of an extension of this date for completion of the Contract, the Purchaser would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Purchaser might consider adding the*

# Performance Security

## Bank Guarantee

*[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]*

**Beneficiary:** *[insert name and Address of Purchaser]*

**Date:** \_ *[Insert date of issue]*

**PERFORMANCE GUARANTEE No.:** *[Insert guarantee reference number]*

**Guarantor:** *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that \_ *[insert name of Supplier]* (hereinafter called "the Applicant") has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the supply of \_ *[insert name of contract and brief description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[insert amount in figures]* (*[insert amount in words]*),<sup>1</sup> such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the .... Day of ....., 2...<sup>2</sup>, and any demand for payment under it must be received by us at this office indicated above on or before that date.

---

*following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months][one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."*

<sup>1</sup> *The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance.*

<sup>2</sup> *Insert the date twenty days after the expected completion dates described in GC Clause 18.4. The Purchaser should note that in the event of an extension of this date for completion of the Contract, the Purchaser would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Purchaser might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months][one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."*

---

*[signature(s)]*

***Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.***



## ***Acknowledgement of Receipt of Goods (for 50% Payment)***

(This certificate is to be issued to supplier. All copies 'should be signed in ORIGINAL'.)

### **CONSIGNEE RECEIPT CERTIFICATE (CRC)**

CRC No.

Date

To

\_\_\_\_\_  
\_\_\_\_\_

**This is to certify that the Goods as detailed below have been received duly inspected in good condition in accordance with the technical specifications and conditions of the Contract/ NOA and amendment if any.**

Project Name	_____
Purchaser	Andhra Pradesh Med Tech Zone, Vizag
Contract i.e. NOA No. & Date	
<b>Description of Goods Supplied</b> Name of Equipment/ Materials: Schedule No. as per Contract: Model: Serial No.:	
Packing and labeling details	
Date of manufacturing	
Date of Expiry	
Quantity supplied in Numbers	
Name of Supplier	
Invoice No. and Date	
<b>Date of Delivery at Consignee Destination site</b>	
Consignee full Address Name Address Contact No. Fax No.	

**Seal Signature of Designated Consignee**

**Name :**

**Designation:**

**Seal:**

**Contact No:**

**Fax No. :**

**Copy To: (with Original Stamp and signature)**

1. To Supplier

***Final Acceptance Certificate (for Balance 20% Payment)***  
***(This certificate is to be issued to Supplier. All copies 'should be signed in ORIGINAL'.)***

**FINAL ACCEPTANCE CERTIFICATE (FAC)**

FAC No.

Date:

To

\_\_\_\_\_  
\_\_\_\_\_

Project Name	
Purchaser	
Contract i.e. Notification of Award No. & Date	
<b>Description of Goods Supplied</b> Name of Equipment: Schedule No. as per Contract: Model: Serial No.:	
Name of Supplier	
Quantity Supplied in Numbers	
List with name of all or any accessories as per contract supplied with the equipment	
<b>Date of Installation, testing and commissioning</b>	
Is successful Installation, testing and commissioning of equipment supplied, upto the satisfaction of User done or not <b>(Yes/No)</b>	
Whether training provided to all users upto the satisfaction or not <b>(Yes/No)</b>	
Date of Final Acceptance	
Invoice No. and Date	
Date of entry in Asset register	
Consignee full Address Name Address Contact No.	

**CERTIFICATE**

*This is to certify that we have received medical Equipment/ lab materials as detailed above in good condition in accordance with the technical specifications and conditions of the NOA/ Contract and the same has been successfully Installed and Commissioned (if, applicable) on \_\_\_\_\_ to the satisfaction of all users and entered in the Asset/Consumable/Non-Consumable Register at page no. \_\_\_\_\_ on \_\_\_\_\_*

\_\_\_\_\_

**Seal & Signature of Designated**

**Consignee**

**Name:**

**Designation:**

**Copy To: (with Original Stamp and signature)**

(1) To Supplier

\_\_\_\_\_