



**Bangalore Plant**

(A Govt. of India Undertaking)

Dooravaninagar. P.O. Bengaluru – 560 016

[www.itiltd.in](http://www.itiltd.in)

**ITI LIMITED, BANGALORE PLANT INVITES BID THROUGH GEM  
FOR “Fabrication of XPOSAT, ASTROSAT, and MOM satellite  
models”**

**[Limited Bid System]**

### **Annexure-A -SCOPE OF WORK**

1. For SoW & Technical Specification, follow the attached Technical document.
2. Bidders should be experienced projects Execution/fabrication background.
3. Bidders should have executed projects with any reputed organization.

#### **Technical Specification**

<b>Sl No</b>	<b>Specification</b>	<b>Value</b>	<b>Compliance</b>
1	Scope of work	1. Realization and supply of <b>satellite 1:1 scale down models</b> made out of Aluminum/Steel/MS/Wood, Sheet metal fabrication process, and thermoplastic as per ITI-supplied CAD models, drawings, and photos. 2. MS tube & Plywood bidder scope. 3. Only required consumables ITI will provide.	
2	Process	Sheet metal Fabrication works, Carpentry, and 3D printing	
3	Material	Deck frame- MS Deck frame cover- Wood Robotic Arm other small projection – 3D printed ABS LAM – 3D printed in ABS Solar – wood, Printed Fixture: MS	
4	Painting	Black-colored painting on deck and other items shall be spray-painted in the same color as their parent material. Logos and name shall be painted suitably after completion of painting. Paint shall not get damaged in rain and sunlight	
5	Scale of model	1:1 scale	
6	Solar Panels	Solar panels shall be simulated with suitable solar cell laminated prints pasted on wooden ply	
7	CAD models	CAD models and drawings as required will be supplied by ITI on request from vendor.	
8	Fixturing	Adequate fixture shall be fabricated with sufficient strength so as to mount the shell on trailer for transportation and exhibition.	
09	Transportation	Transportation of model is under the scope of ITI.	
10	Inspection	ITI shall be intimated for final inspection. After ITI clearance only, the model will be clear for dispatch.	
11	Design changes	There may be minor changes in the design. The vendor shall accommodate them during the course of work.	

12	Delivery Period	The work shall be completed within 45 days from date of PO	
13	Payment	Payment will be made within 30 days post work completion.	
14	Non Disclosure	Drawings, Models and photos of module shall be used solely for the purpose of making the prototype.	
15	Warranty	ITI Engineers will ensure during work; quality of workmanship is being done for this project. The engineer will issue an Acceptance Certificate, which will be treated as the final document for payment processing.	

**Note:****Annexure-B - TERMS & CONDITIONS**

1. Disputes, if any, will be within the Jurisdiction of Bangalore, Karnataka State, India.
2. Terms of price: DAP, ITI Ltd, Bangalore.
3. **Payment Terms:** 100% Payment will be made within 30 days after completion of work, upon product acceptance, certified by the ITI user team.
4. **Delivery:** The work shall be completed within two months from the date of the PO.
5. **Duties & Taxes:** if any may be indicated.
6. Fabrication should be as per our SOW technical doc.
7. MSME certificate shall be submitted if applicable.
8. All offers should be complete with specification /catalogue (English only).
9. **Validity:** Quotations should be valid for 180 days from the due date of tender. Once the quotation is accepted and the order is confirmed, the price must remain the same till the completion of the order.
10. We reserve the right to accept or reject any or all offers and order part or full quantity, without assigning any reason.
11. **Liquidated Damages and risk purchase clauses:** Time is the essence of the contract and the materials against the order arising out of this enquiry must be delivered by the supplier according to the delivery schedule indicated in the purchase order. In case of any change, the supplier should inform us in advance and obtain approval to the revised delivery schedule should the supplier fail to deliver the material in full/ part thereof, we shall be entitled at our option either to recover from the supplier as agreed the liquidated damages and not as penalty, a sum equivalent to half percent of the contract price of the item per week of such delay or part thereof subject to maximum of 10% of the contract price of the item delayed or to terminate the contract in respect of balance quantity so delayed and purchase material elsewhere at the risk of supplier.
12. For Indigenous offers only:
  - a. Prices should always be quoted on DAP, ITI Ltd, Bangalore.

13. Specify GST and other charges if any. In absence of these, the prices shall be treated as inclusive of all such taxes and other charges & no subsequent claims will be entertained. Any clarifications regarding the tender can be obtained from

**DGM (S&M)**

ITI Limited, Bangalore Plant Bangalore

560016, Karnataka, India

Email: [biometric\\_bgp@itilttd.co.in](mailto:biometric_bgp@itilttd.co.in), [kar\\_bgp@itilttd.co.in](mailto:kar_bgp@itilttd.co.in), Mob. 8149639604**SPECIAL TERMS AS PER THE USER DEPARTMENT**

This tender is proposed to be carried out by limited vendors. Hence, the mentioned supplier/vendor is the only source to participate in this tender.

The source is:

**1. Company: Microtech Engineering**

GeM Seller Id: OF5B240012356659

**2. Company: Advanced Avionics and Display Systems Pvt. Ltd.**

GeM Seller Id: VWHD210004565655

**3. Company: BILLITON SERVICES PVT LTD**

GeM Seller Id: QR7Q220006044385

**4. Company: FINFO ANALYTICS PVT LTD**

GeM Seller Id: N6W8250013632096

**NOTE**

1. Work to be done must be as per this GeM bid. Point- wise Compliance of this bid along with Annexure-A, Annexure-B and Buyer Added Bid Specific ATC (Additional Terms & Condition) must be signed and sealed by Competent Authority of the bidder.
2. Buyer Added Bid Specific ATC will along with GeM T&C prevails.
3. Failure to adhere to any of the above will disqualify the offer.
4. In addition to General T&C of GeM, the GeM Contract/ Purchase Order will be governed by this GeM bid document along with buyer added bid specific ATC.
5. Kindly submit technical compliance of **Annexure-A -SCOPE OF WORK**
6. Submit Company profile, Experience proof or PO, ISO Certificate, Bank Details, GST & PAN.

