



Government of India
Bhabha Atomic Research Centre
Electromagnetic Applications and Instrumentation Division



Tender No. : EmA&ID/JI/2022/14F22B

Date: 14th Feb, 2022

Sub: FaFabrication and supply of double sided aluminised thermal blankets as per technical specification -TSP/JI/12

Dear Sir/Madam,

1. Quotations are invited for the *execution of subject work*.
2. Taxes and Excise Duties shall be quoted separately. Form AF / H whichever is applicable shall be provided, if required.
3. The suppliers are shall submit the cost for Design, fabrication, assembly and testing. All necessary tools, instruments have to be arranged by the supplier.
4. The quotation must reach the undersigned on or before **21st Feb, 2022** and must be sent in a sealed envelope super-scribed with the *reference number & the due date* given above.
5. The quotations must reach us on or before the aforesaid date by India post (by speed post or ordinary post) only.
6. The address on the envelop should read:
The Head,
Electromagnetic Applications Section,
Electromagnetic Applications & Instrumentation Division
RCnD Bldg., North Site,
B.A.R.C, Trombay,
Mumbai - 400 085.
(Attn: Shri. Janvin Itteera)
7. The finished components with the test certificates as mentioned in the enclosures shall be delivered by the manufacturer after the award of the contract at BARC, Trombay, Mumbai - 400 085.
8. Delivery, packing & forwarding charges, if any, must be clearly mentioned in the offer.
9. Drawings / Sketches (if any) must be returned along with the offer
10. Quotation must indicate the PAN and GSTIN no of the vendor. Minimum validity of 60 days is preferred.
11. The quotation has to be duly signed by *authorized person with company seal*. *Unsigned offers shall be treated as invalid*.
12. For any technical clarifications, Please contact us vide email: janvin@barc.gov.in; Tel: +912225591492

(Janvin Itteera)
Scientific Officer(E), B.A.R.C
For & on Behalf of the President of India
(The Purchaser)

Fabrication and supply of double sided aluminised thermal blankets as per technical specification -
TSP/JI/12

The tender is invited for the above work

2.0 Scope of work:

2.1) Supplier fabricate, test and qualify the below mentioned items for as per the technical specification mentioned in para 5.0

3.0 FREE ISSUE MATERIAL

No free issue material will be issued to the contractor.

4.0 DELIVERABLE

The deliverables included in this tender are as follows:-

For the FIM supplied by the purchaser, the items highlighted under table-1.0 are to be delivered:

Sr. no	Description	Quantity
1	Superinsulation of aluminised polyester	01 set

Table-1.0

5.0 Technical Specification

S No.	Parameters	Value
1	Base Material	100% Polyester, Without binder, 6 microns THK
2	Coating	Aluminised, double side
3	Spacers	Non-woven polyester
4	No of layers	10 layers with perforations
5	Width of roll	1.5m
6	Length of roll	50m
7	Hermetically sealed packaging	AR gas environment

Table-2.0

5.1) The supplier shall also provide spare MLI blankets for any future repairs.

5.2) Supplier shall carry MLI wrapping with proper interleaving to prevent any interlayer thermal shorting

6.0 PERFORMANCE OF THE CONTRACT

6.1 Fabrication and Delivery Schedule

A) The purchaser representative shall be apprised of the changes incorporated in the procedure compartments to do the needful.

B) The entire work has to be completed in 2 months

C) During testing, purchaser representatives shall be witness to verify the results.

6.2.3 Quality Control Records

The QCR shall contain:

Factory test certificates of the solder lead, material test certificates of the MLI, Cryogenic Cold diodes and electrical resistor used shall be submitted prior to their installation.

7.0) Warranty:

7.1) Supplier shall be duty bound to provide warranty and adequate after sales support to the entire power supply after the execution of the work for a period of 1 year.

8.0 GENERAL DESCRIPTION:

8.1 Supplier shall submit the offer including the fabrication, assembly and testing

8.2 Overall cost will be compared and include packaging, forwarding and safe delivery to purchaser site.
