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Tender notice no : CBM/AB/Materials/2020-21/Quote2 dated 7th January 2021

Sealed quotations, along with all supporting documents, are invited from interested vendors for the following items with the specifications given below under the Indo-FAIR Co-ordination Centre project **CBM-MUCH**

Sl. No.	Item Description	Quantity
1	**Real size CBM-RPC detector readout PCB** **PCB1:** 2-layered Sector PCB size 1181mm X542mm **Thickness of both the PCBs : 2.4mm to 3.9mm any thickness is accepted**, Overlapped top copper sample layout design with reduced size is attached along with in Annexure-I as top copper and Annexure-2 for bottom copper. This PCB contains both normal plated through holes(PTH). These PTHs are about 800 Nos distributed over the entire PCBs. **Material**: FR4, Tg170 **SURFACE FINISH:** ENIG • **PCB has about 800 PTHs** • **Top copper have no green mask. File is also not there in the GERBER bundle** • **GERBER data will be provided on demand for evaluation** **ENIG finish in all the above mentioned PCB's (where applicable.) Minimum Track to track and Pad to Pad and track to pad will be 8-mil Minimum finished PTH size will be 40mil**	2 Nos

Note:

1) **Final sizes along with GERBER data will be provided at the time of manufacturing. Approximate GERBER data of reduced sizes will be provided on demand for evaluation purposes.**

The sealed quotations must reach the undersigned not later than 29th January 2021, 4pm. The quotations will be opened within 4/5 days from the last date of submission. Quotations received after the deadline will not be considered. If anybody has any problem in submitting the quotation due to pandemic situation then please contact the PI.

Abhijit Bhattacharyya

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(ABHIJIT BHATTACHARYYA)
Professor, Department of Physics
Principal Investigator, CBM-MUCH

Countersigned by the Departmental Purchase Committee Members

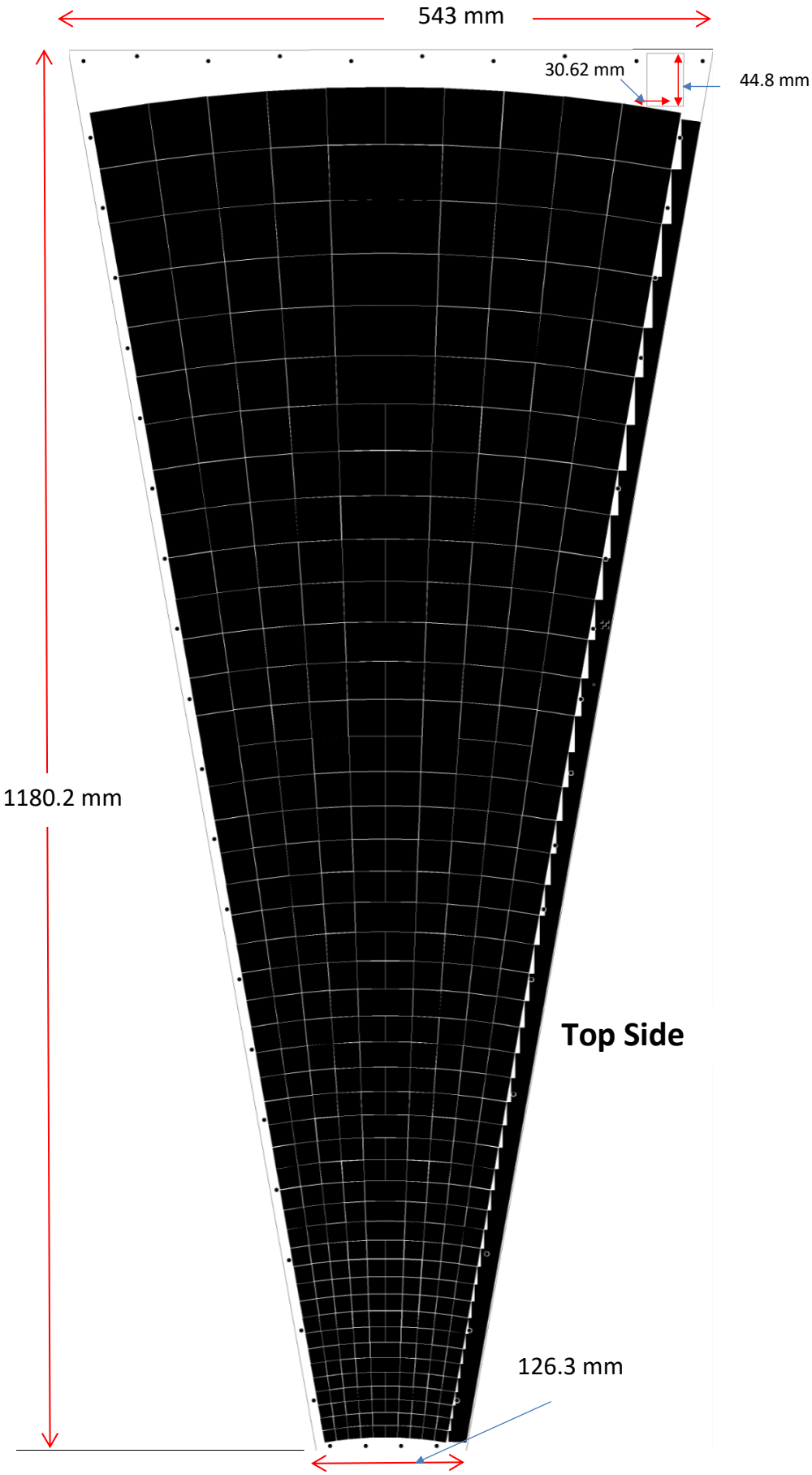
G. Gangopadhyay G. Gangopadhyay

D. Jana Debnarayan Jana

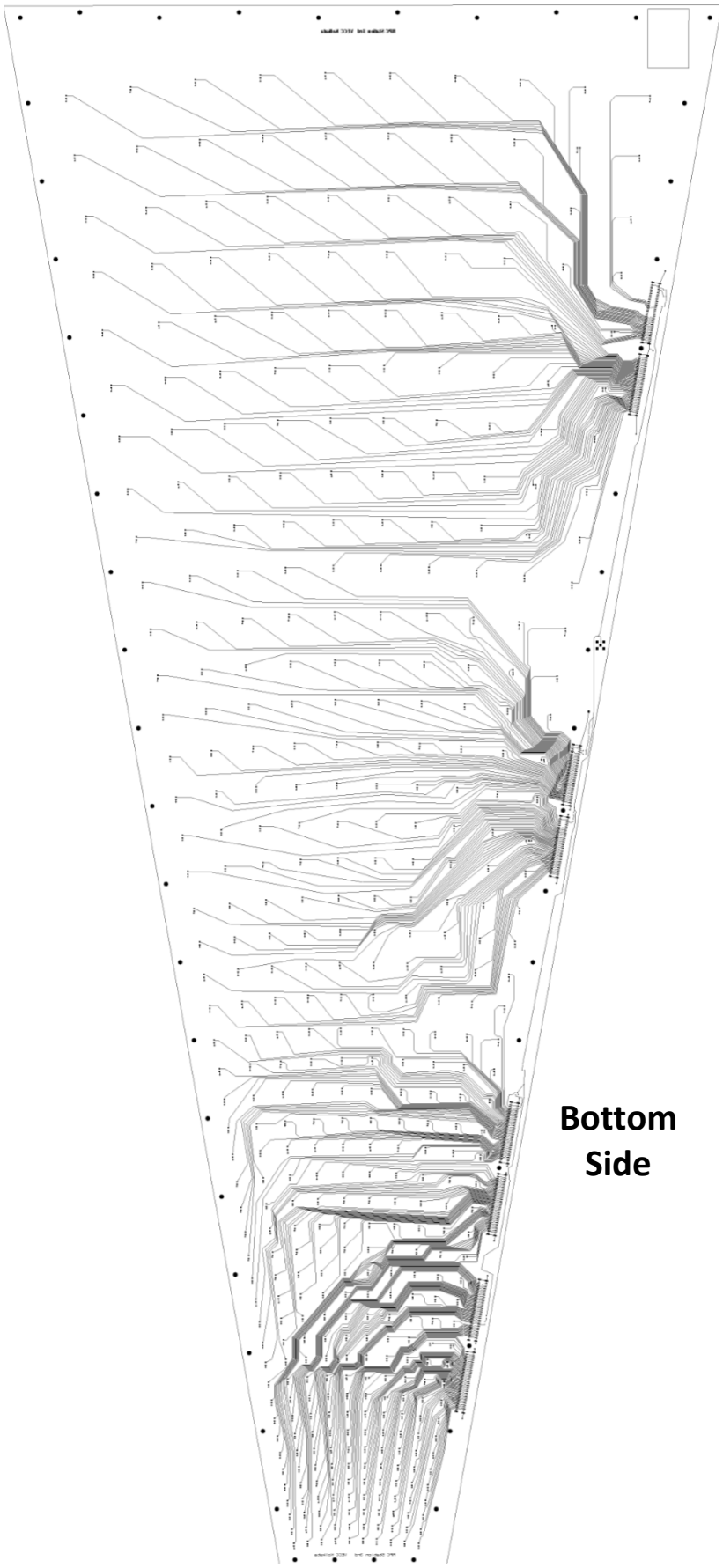
A. Bhattacharyya Abhijit Bhattacharyya

Annexure-1

Top copper with board edge and the readout pads



Annexure-2 (Bottom Copper layout)



Bottom Side