



जवाहरलाल नेहरु उन्नत वैज्ञानिक अनुसंधान केन्द्र

(विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार की स्वायत्त - मान्यता प्राप्त विश्वविद्यालय)

JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH

(An Autonomous Institution under Department of Science & Technology, Govt. of India - A Deemed University)

जक्कूर पोस्ट, बेंगलूरु 560 064, कर्नाटका, भारत / Jakkur P.O., Bengaluru - 560 064. Karnataka, INDIA

November 17, 2021

CORRIGENDUM-1

Sub: High Resolution X-ray Diffractometer for Thin Film Analysis

Ref: Tender No. JNC/PUR/PI2/491/CPMU/21-22/42/FE Dated November 5, 2021

The technical specification of the NIT referred above has been revised as below:

Sl. No.	Description	Original Specification	Revised Specification
4	Primary optics	2-bounce crystal monochromator	Parallel beam mirror with 2-bounce Ge (220) monochromator as well as 4-bounce Ge (220) monochromator.
5	Secondary optics	Require analyzer crystal and motorized slit to be used with the detector	Require Ge analyzer crystal and motorized slit which can be selected through software, for use with the detector.
10	Sample stage	Require sample holder for mounting samples of size ranging from 5 mm x 5 mm to 2-inch wafer including mapping capability	Require sample holder for mounting samples of size ranging from 2 mm x 2 mm to 4-inch wafer including sufficient mapping capability.

Additionally Vendors should quote following as optional item:

19. Optional requirements:

- Solid state X-ray generator for Cu k- α source of power 9 kW.
- Goniometer with in-plane XRD measurement capability.

The other terms and conditions of the NIT remain unchanged.


(K. Bhaskara Rao) -- 17/11/21
Senior Stores & Purchase Officer