



इंटरनेशनल एडवांस्ड रिसर्च सेंटर फॉर पाउडर मेटलर्जी एंड न्यू मटेरियल्स (ए आर सी आई)  
INTERNATIONAL ADVANCED RESEARCH CENTRE FOR  
POWDER METALLURGY AND NEW MATERIALS (ARCI)

(विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार का स्वायत्त अनुसंधान एवं विकास केन्द्र)  
(An Autonomous Research & Development Centre of Department of Science & Technology, Govt. of India)

डाक घर: बालापुर, हैदराबाद - 500 005. तेलंगाना, भारत  
P.O : Balapur, Hyderabad - 500 005, Telangana, INDIA

Tender Ref. No. SC20240132/PO

Date: 04.09.2025

**CORRIGENDUM**

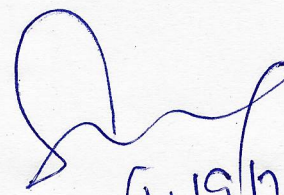
**SUPPLY, INSTALLATION AND COMMISSIONING OF LASER  
FLASH BASED THERMAL DIFFUSIVITY AND THERMAL  
CONDUCTIVITY MEASURING EQUIPMENT**

With reference to the Global Tender Enquiry No. SC20240132/PO (CPP portal tender ID **2025\_ARCI\_873657\_1** published on the ARCI website [www.arci.res.in](http://www.arci.res.in) and CPPP Portal [www.eprocure.gov.in/eprocure/app](http://www.eprocure.gov.in/eprocure/app) for "Supply, installation and commissioning of Laser Flash based thermal diffusivity and thermal conductivity measuring equipment" the following amendment in the **Acceptance Criteria** mentioned in Scope of supply of above referred Notice Inviting Tender document may please be noted for compliance,

Existing	To be read as
<b>Acceptance Criteria:</b> <ul style="list-style-type: none"><li>Based on the validated data measurements from specimens provided by ARCI namely, 3 types of thermal barrier coatings with varied thickness, aerogel, sintered ceramics, Thermoelectric generator substrate, Electrodeposited Ni composite, PCM solid/liquid</li></ul>	<b>Acceptance Criteria:</b> <p>The Technical Comparative evaluation of the Laser Flash based Thermal Diffusivity and Thermal Conductivity measuring equipment will be based on data measurements from the following specimens provided by ARCI, whose temperature ranges are also mentioned accordingly.</p> <ol style="list-style-type: none"><li>Free standing Yttria Stabilized Zirconia films (10 mm X 10 mm X 0.5 mm thickness) – temperature range RT to 1200°C</li><li>Free standing doped Lanthanum cerium oxide (10 mm X 10 mm X 0.5 mm thickness) – temperature range RT to 1600°C</li><li>Multilayered ceramic coatings of Mullite (200 micron s) + NiCoCrAlY bond coat (120</li></ol>



	<p>4.Free standing Electrodeposited Nickel coatings (100 microns) – temperature range RT to 600°C</p> <p>5.Aerogel composite with e-glass fibre 10 mm x 10 mm x 5 mm – temperature range RT to 300°C</p> <p>6.Thermoelectric materials of size 12.7 mm X 12.7 mm X 2.4 mm – temperature range RT to 500°C</p> <p>In order to ensure better accuracy and repeatability of the equipment, identical specimens will be sent to the prospective suppliers for which the suppliers shall send a request to seek the same from ARCI.</p> <p>The suppliers are requested to measure thermal conductivity values in accordance with the standard procedures using the intended equipment that will be supplied to ARCI and provide the complete documentation on the measurement protocol.</p> <p>It is also requested to provide the approximate timeline for completing the measurements.</p>
--	---



4/19/25

**(N SRINIVAS)**  
**SENIOR PURCHASE OFFICER**  
**ARCI, HYDERABAD**