



CORRIGENDUM

REFERENCE NO. : - P/NC/44/GKG/S/OTE/24-25

DATE: 26/09/2026

NAME OF EQUIPMENT: "SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF AAA CLASS SOLAR SIMULATOR CUM PHOTOCHEMICAL REACTOR" [CPPP PORTAL TENDER ID: 2024_CSIR_207534_1].

NOTE: The Bids must be submitted in the Central Public Procurement Portal (URL: <https://etenders.gov.in/eprocure/app>) only. Manual/Offline bids shall not be accepted under any circumstances. Bidders should quote in INR only.

CONSEQUENT TO THE PRE-BID MEETING HELD ON 19/09/2024, THE REVISED TECHNICAL SPECIFICATION IS ATTACHED IN ANNEXURE- I GIVEN BELOW:-

Further, the following changes are also made in bid opening and closing dates:-

Bid Submission End Date and Time	22/10/2024 upto 3:30 PM
Bid Opening Date and Time	23/10/2024 at 3:30 PM

All other Tender terms and conditions remain unchanged.

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26/9/2024

(Bodhisattwa Dhar)
Stores & Purchase Officer

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Annexure -1

AAA Class solar simulator cum Photochemical reactor

Revised specifications:

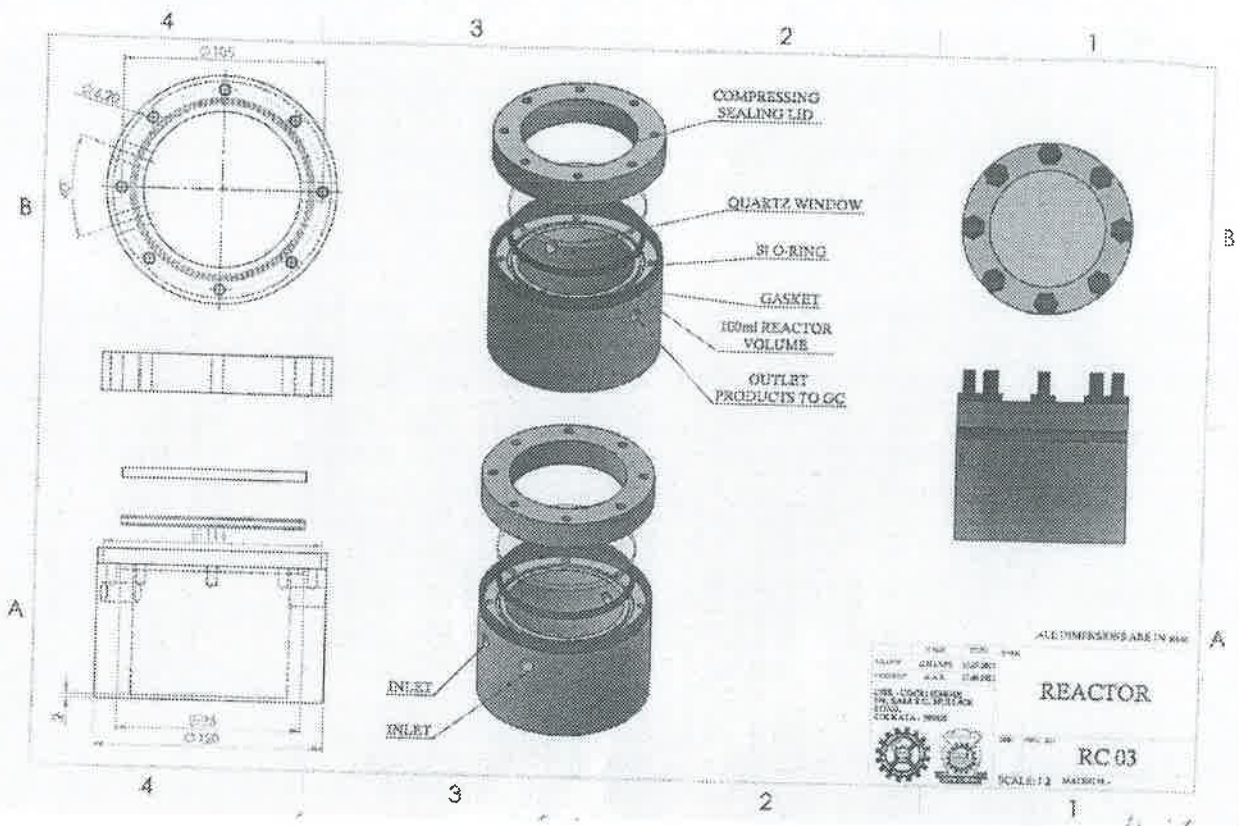
AAA Class Solar Simulator:

1. AAA class Solar simulator to provide from 10 mW/cm² to >200 mW/cm² on an area of 25 cm² minimum. (Should provide the spectral distribution, spatial distribution and temporal distribution of AAA class Solar Simulator to consider as AAA grade simulator)
2. Capable of having a window to transmit whole Sun spectrum ranging from 250 nm till 1400 nm.
3. Have a provision to incorporate UV, VIS and NIR bandpass filter for the selection of UV, VIS and NIR region spectral range.
4. Have a provision to incorporate 50mm Diameter, OD4, and FWHM 10nm Bandpass Filter for the following wavelengths: 450 nm, 500 nm, 535nm, and 600 nm.
5. NREL certified Sun light intensity (irradiance) measurement device for 10 mW/cm² to >200 mW/cm².
6. 1000 hours' life or higher life Xenon lamp of minimum of 300 W.
7. Cooling fan to the simulator for long duration operation of the device.
8. 3 kVA UPS system for 1 h backup time to protect the system from power fluctuations.

Photochemical reactor:

1. Reactor should have the similar design mentioned in Annexure-2.
2. Reactor should be made up of chemically inert and corrosive resistant material. Preferably made of SS-316/ Al 6061.
3. Hold a pressure of 8 bar pressure at least.
4. Having a minimum of 25 cm² light exposure area.
5. Having a capability to hold 5 ppm or higher of H₂ in the reactor.
6. Capable of varying the reactor water capacity volume from 20-100 ml.
7. Having four gas tight (inlet/outlet) connections.
8. The outlet should be equipped with a suitable MFC having flow range from 0 - 200 mL/min.


भण्डार एवं क्रय अधिकारी / Stores & Purchase Officer
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