

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
2A & 2B Raja S.C. Mullick Road, Jadavpur, Kolkata - 700032

Ref. No.- SCS/TC/2018-19/101-1

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CORRIGENDUM NOTICE No.- I

NIT No. - IACS/SCS/TC/2018-19/101 DATE : 01/03/2019

Technical Specification

Page No.2, Point No.1, under the heading ‘**TECHNICAL BID**’ it was mentioned as:

“**Technical Specification for** Multi-pass gas absorption cell:

Required effective path length > 75 meter. Suitable to work in the mid-infrared range.”,

it should read as:

“**Technical Specification for** Multi-pass gas absorption cell:

Optical path length	>75 meter
Volume of cell	≈500ml
Vacuum condition	<1 mBar
Mirrors type	Astigmatic type (Reflectivity >99.0%) (Diameter=4cm)
Mirrors	Nickel plated Aluminium with broad-band dielectric coating
Working Wavelength range	2-14 micron (MIR Region)
Optical Design	Astigmatic two-mirror system with central coupling hole
Input IR beam window type	Less moisture sensitive (BaF ₂)
Optical Design	Astigmatic two mirror system with central coupling hole in one mirror
Body materials	Nickel plated aluminium, stainless steel end flanges, Pyrex tube
Vacuum port Number	Two (minimum)
Dimension	Length 50cm, Width 8cm, Weight <5kg
In out Half angle of IR beam	>3.0 degrees

ACTING REGISTRAR