INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
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Ref. No.- SCS/TC/2018-19/100-1 DATE : 08-03-2019

CORRIGENDUM NOTICE No.- I

NIT No. - IACS/SCS/TC/2018-19/100 DATE : 01/03/2019

Page no. 1, line no 2, it was written as "Balanced Infrared Detector for wavelength up to 8 micron", it should read as "Two detectors in the MIR region"

Technical Specification:
Page No.2, Point No.1, under the heading '**TECHNICAL BID**' it was mentioned as:
"It should be clearly mentioned on the envelope as "Technical Specification for Balanced Infrared Detector.
Technical Specification for Balanced Infrared Detector:

IR detection frequency range up to 8 micron. It must involve two TE cooled HgCdTe IR detectors integrated in such way, incorporating signal processing electronics, that two IR output, 'signal' and 'reference' can be balanced to suppress QCL noises and achieves good Common Mode Rejection Ratio (CMRR).**"**

it should read as:
It should be clearly mentioned on the envelope as "Technical Specification for two Detectors in the Mid-IR region.
Technical Specification for two Detectors in the Mid-IR region:

Detector Type	4TE Cooled, Multiple junction, HgCdTe detector.
Wavelength Range	2-14 micrometer (Mid-IR)
Operation Temperature	15-35 degree C
Relative Humidity	≈50%
Output Impedence	50Ω
Bandwidth	≥150Hz
Time constant / Response time	≤3 ns
Optical Area	~1x1 (mm x mm)
S/N Ratio	Must be high
Mode of Operation	Automatic & Remote through PC
Detectivity (minimum)	≤1mW power,
Detector controller	High Stability and Precession
Window	ZnSe (preferably)
Control panel of Detector	Manually & through software also
Output voltage	Must be increased through a preamplifier

ACTING REGISTRAR