



**भारतीय प्रौद्योगिकी संस्थान रोपड़**  
**INDIAN INSTITUTE OF TECHNOLOGY ROPAR**  
नंगल रोड, रुपनगर, पंजाब-140001/Nangal Road, Rupnagar, Punjab-140001  
Ph. 01881-242193, e-mail: purchase@iitrpr.ac.in

No. 1077-17/CH-10005/Instt/PS/

13.04.2018

**CORRIGENDUM**

**(Tender Notice No. 1070-17/CH-10005/Instt/PSdated 05.03.2018)**

Reference Tender Notice No. 114/2018 for “Gas Chromatograph-Mass Spectrometer (GC-MS)”.

The following changes have been made in the specifications:

Sr. No.	Existing Specifications	Revised Specifications
1	Ramp rate <b>125 C/min.</b> or better	Ramp rate <b>100 C/min.</b> or better
2	Mass Analyzer: <b>Quadrupole Mass Filter with pre-filter/pre-rod,</b> Compatible with 0.1 to 0.5 mm ID Columns for various samples/applications.	Mass Analyzer: <b>Quadrupole Mass Filter</b> Compatible with 0.1 to 0.5 mm ID Columns for various samples/applications.
3	Mass Resolution: <b>0.5 to 2</b> amu or better	Mass Resolution: <b>Unit</b> mass resolution or better.
4	Pumping System: Highly efficient turbo molecular pump with minimum capacity of <b>350 liter/sec</b> or higher to build vacuum and to evacuate system as soon as possible	Pumping System: Highly efficient turbo molecular pump with minimum capacity of <b>200 liter/sec</b> or higher to build vacuum and to evacuate system as soon as possible
5	Carrier Gas Mass Spectrometer system should have capability to use <b>H<sub>2</sub> and N<sub>2</sub></b> as carrier gas for low operation cost in addition to Helium.	Carrier Gas Mass Spectrometer system should have capability to use <b>H<sub>2</sub> or N<sub>2</sub></b> as carrier gas for low operation cost in addition to Helium.
6	<b>Utilities:</b> Calibration gases for H <sub>2</sub> and O <sub>2</sub> analysis.	<b>Utilities:</b> Calibration gases for H <sub>2</sub> and O <sub>2</sub> analysis ( <b>100 ppm in Ar or similar range</b> ).
7	<b>Warranty:</b> System must be quoted with Three Years warranty.	<b>Warranty:</b> System must be quoted with Three Years <b>comprehensive</b> warranty.

Bidders are requested to submit their bids as per revised Technical Specifications. The last date of receipt and opening of Bids for “Gas Chromatograph-Mass Spectrometer (GC-MS)” is hereby extended upto 24.04.2018. Those who have already sent/submitted their bids can revise the same clearly indicating "Revised Bid for Gas Chromatograph-Mass Spectrometer (GC-MS)”on sealed cover.

Timings and all other details and terms & conditions remain the same.

**Registrar**