



भारतीय प्रौद्योगिकी संस्थान भिलाई  
जी.ई.सी. कैम्पस, सेजबहार, रायपुर - ४९२०१५  
छत्तीसगढ़, भारत

Indian Institute of Technology Bhilai  
G.E.C. Campus, Sejbahar, Raipur - 492015  
Chhattisgarh, India

Date: 27-11-2019

### CORRIGENDUM-1

This is in reference to the tender no. IITBh/Goods/Chem/2019-20/146 Dtd. 21.11.2019 for Supply and Installation of Supply and Installation of CHNSO Analyzer at IIT Bhilai.

The following changes have been made in the tender documents of Supply and Installation of CHNSO Analyzer at IIT Bhilai

<u>Page No./ Section/ Clause</u>	<u>Existing Technical Specification of the Equipment</u>	<u>Modification/Correction</u>
Page No. 15, Section V	Built-in helium and oxygen pressure reducers and gauges preventing air diffusion	The system should have suitable gas saving feature
Page No. 15, Section V	Advanced chromatographic separation of gasses using GC/ suitable column	Advanced chromatographic separation of gasses using GC/ suitable column / any suitable technique
Page No. 16, Section V, Under Point 5	For oxygen determination (by pyrolysis), the same furnace is to be used	For oxygen determination (by pyrolysis), the same furnace or different furnace is to be used
Page No. 16, Section V, Under Point 9	Automatic loading of samples with 60 or more positions in a single/stackable tray. Simultaneous operation of CHNS and O.	Automatic loading of samples with 60 or more positions in a single/stackable tray. Simultaneous operation of CHNS and O (separate).
Page No. 16, Section V, Under Point 10	Adsorption Filters to trap the combustion gases: CO <sub>2</sub> and H <sub>2</sub> O	Suitable technique to remove/separate the combustion/desorption gases
Page No. 16, Section V, Under Point 11	Valve Control Module for: <ul style="list-style-type: none"> <li>Automated gas switch</li> <li>Helium savings by switching from helium, to nitrogen or argon when the instrument in Stand-By Mode</li> </ul>	The system should have suitable gas saving feature
Page No. 16, Section V, Under Point 12	Automated Evaluation of the Empirical Formula: a valuable tool for obtaining the empirical formula of the sample with a straightforward function	The system should provide the Empirical Formula after the measurement
Page No. 17, Section V, Under Point 13	Argon Gas cylinder (99.999% or better) -two nos. and regulator	Depending upon the system, argon gas cylinder may be quoted. If the system does not require the argon cylinder, same may be opted out.

All other terms and conditions of the tender document will remain the same.

  
Deputy Registrar  
(Administration)