

Corrigendum 1 to Tender No. GEM/2025/B/6091314 dated 27/03/2025

Item: HPHT Contact angle measurement system

The following clauses of the tender has been amended as per table below. B C date of the tender has been extended upto 07.05.2025. All other terms and conditions of the tender remain unchanged.

Sl. No.	Tender Clause / Reference	Current Clause in the tender	Modified Clause	Justification
1	Annexure-I Special Notes: Clause No. 10	<p>Pre shipment inspection: Pre shipment inspection may be carried out by OIL's representative at manufacturer's (OEM) site. The supplier shall inform OIL at least 2 (two) months ahead for such inspection to enable OIL to send its inspectors. The supplier has to arrange for minimum 2 (two) OIL executives for inspection and training for a working week (5 working days). OIL will bear the expenses towards traveling and accommodation etc. for the OIL's inspection team. The Inspection cum Acceptance process would include the following minimum steps/tasks but not limited to: i. Verification of all material test certificates. ii. Physical verification/ inspection of all the items/ accessories including all Parts Catalogue, Maintenance & Service Manuals together with Operational testing of the equipment. During inspection/ verification, if any faults/ defects on part(s)/ equipment(s)/ accessories have found, supplier has to replace the</p>	<p>Operation and Maintenance Training: OIL will depute its Scientists for training on the operation and routine maintenance of the instrument at OEM's factory. Provision should be kept to provide free of cost training to two (02) officials for five (05) working days. The supplier shall inform OIL at least 2.5 months (two and half months) ahead of the dispatch of the instrument to enable OIL to send its officials for training on the ordered instrument. OIL will bear the expenses towards traveling and accommodation etc. of the OIL's Scientists. The scope of the training should include the following minimum steps/tasks but not limited to:</p> <ul style="list-style-type: none"> i. Working principles of the instrument. ii. SOP of the instrument. iii. Hands on training on 	<p>This is a very sophisticated instrument which requires training for smooth operation, safe handling and maintenance for trouble free operation. Training is also required for carrying out experiments to generate data, analyses of the data and their interpretation.</p>

		<p>faulty/ defective items and rectify the same at no extra cost to OIL.</p> <p>iii. Supplier shall have to take note of any minor modification(s) for operational requirement suggested by the inspector and comply with the same at no extra cost to OIL.</p> <p>iv. The inspection report would be prepared at the end of the inspection and jointly signed by both the parties.</p> <p>v. Supplier will confirm in writing compliance of all the points raised in the inspection report.</p> <p>vi. Supplier will affect dispatch of the unit only on receipt of OIL's dispatch advice.</p>	<p>measurement of various parameters.</p> <p>iv. Training on associated software and accessories.</p> <p>v. Routine maintenance of the system including software and accessories.</p> <p>vi. Calibration, if any.</p> <p>vii. Method Development</p>	
<u>2</u>	<u>Consignee/Reporting Officer/Quantity</u>	Delivery Period: 120 days	Delivery Period: 180 days	
<u>3</u>	<u>Annexure – I Technical Specification/Scope of Work/Special Terms & Conditions Clause No. 12</u>	<p>Installation, commissioning, and on-site training:</p> <p>Installation, commissioning, and on-site training for the operation of the equipment, interpretation of results etc. should be provided at OIL's site.</p>	<p>Installation, commissioning, and demonstration:</p> <p>Installation, commissioning, and on-site demonstration on the operation of the instrument is to be carried out with samples provided by OIL from its operational area to check the smooth functioning of the instrument. Moreover, lab personnel are to be sensitized about the safe operating procedure of the instrument after the</p>	To bring in more clarity to the clause

			completion of installation & commissioning.	
<u>4</u>	Annexure-I Special Notes: Clause No. 2. i)	<p>Installation, Commissioning:</p> <p>The successful bidder will be required to install and commission the instrument at R&D Department, Oil India Limited, Duliajan, Assam, India by an engineer. The installation engineer should carry a certificate from the OEM confirming his direct employment under the OEM and his previous experience in installation and commissioning of similar equipment anywhere in the world. He would be required to stay at site for as many days required for installation, commissioning and imparting operational training to the laboratory personnel.</p>	<p>Installation, Commissioning:</p> <p>The successful bidder shall install and commission the instrument at R&D Department, Oil India Limited, Duliajan, Assam, India by an experienced & trained service engineer from OEM at OIL's site. Lab personnel of OIL shall be sensitized about the safety and standard operating procedure for proper handling of the instrument, sample preparation and loading for measurement etc. by the service engineer. Analyses of samples from OIL's operational area like core samples, formation water, crude oil etc. to be demonstrated by the service engineer to the laboratory personnel to check any teething problem during operation of the instrument with these samples. Setting of pressure, temperature and measurement of contact angle for applications like Solvent Stimulation, other IOR/EOR techniques shall be demonstrated by the service engineer.</p>	To bring in more clarity to the clause

<p>5</p>	<p><u>Annexure – I</u> <u>Technical Specification/Scope of Work/Special Terms & Conditions</u> <u>Clause No. 7.</u> High Pressure Cell <u>ix)</u></p>	<p>Assembly for mechanical movement of core sample holder under pressure up to 10 mm</p>	<p>Mechanical movement of assembly for core sample holder under pressure is to be in the range of 5 mm to 12 mm</p>	<p>For precise adjustment of core sample holder under the frame of the camera for a better image of the drop profile</p>
<p>6</p>	<p><u>Annexure – I</u> <u>Technical Specification/Scope of Work/Special Terms & Conditions</u> <u>Clause No. 7.</u> High pressure syringe / Dosing System <u>vi)</u></p>	<p>Vertical under pressure movable capillary (allows to measure left and right contact angle (sessile drop and captive bubble) and drop volume control.</p>	<p>Either vertical under pressure movable capillary or capillary of different lengths to measure left and right contact angle in sessile and captive bubble methods with drop volume control provision.</p>	<p>To accommodate core samples of different thicknesses</p>