



CORRIGENDUM

GeM Bid No. GEM/2026/B/7726363 dated 30.06.2026

The following modifications are incorporated in the GeM bid for Ion Chromatograph with Eluent Generator

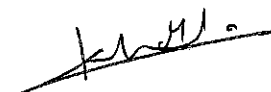
Technical specification of Ion Chromatograph with Eluent Generator

Particulars	Original specification	Amended specification following the pre-bid meeting
Introduction	The system must have Isocratic and gradient with electrolytic Eluent generation mechanism for analysis of various refinery samples for the presence of common inorganic anions, cations and additives in ppm to ppb level Isostatically. The system should be PC based with data acquisition and system control through the same software and software should able to identify pumps, columns, detector automatically. An ion chromatographic system must have inbuilt degassing hardware and column oven.	The system must have Isocratic and gradient with electrolytic Eluent generation mechanism or better mechanism for analysis of various refinery samples for the presence of common inorganic anions, cations and additives in ppm to ppb level Isostatically. The system should be PC based with data acquisition and system control through the same software and software should able to identify pumps, columns, detector automatically. An ion chromatographic system must have inbuilt degassing hardware and column oven.
Sl.No 1. Solvent delivery unit	Non-metallic peek based 0-14 pH & 100% reverse phase HPLC solvent compatible, isocratic, dual piston reciprocating microprocessor based controlled for - Flow range of 0.00 ml/min to 5.00 ml/min in 0.01 increment without changing the pump head. 	Non-metallic peek based 0-14 pH & 100% reverse phase HPLC solvent compatible, isocratic, dual piston reciprocating microprocessor based controlled for Flow range of 0.00 ml/min to 5.00 ml/min or better in 0.01 increment without changing the pump head.

Sl.No 6. Ion Exchange Columns	Should be able to separate high and low concentration analytes in single injection. <u>Anion columns and its guard columns</u> - To be compatible for high strength hydroxide (NaOH, KOH) for water and fish matrix applications - To be compatible for carbonate & bicarbonate buffer for water and fish matrix applications <u>Cation column and guard column</u> - To be compatible for high strength MSA AND H₂SO₄ for water and fish matrix applications	Should be able to separate high and low concentration analytes in single injection. <u>Anion columns and its guard columns</u> - To be compatible for high strength hydroxide (NaOH, KOH) for water and fish matrix applications – 1 number - To be compatible for carbonate & bicarbonate buffer for water and fish matrix applications – 1 number <u>Cation column and guard column</u> - To be compatible for high strength (MSA , H₂SO₄ , HNO₃) for water and fish matrix applications– 1 number
Sl.No 7. Suppression	- Suppression devices must be available for anion and cation application with membrane base suppressor hardware 	- Suppression devices must be available for anion and cation application with membrane base suppressor hardware or advanced suppression with continuous stable operation with self-regeneration.
Sl.No.8 Conductivity Detector	- Microprocessor digital signal processing based with input and output signal range 0-18000 µs with temperature compensation and temperature range of 7 to 50 °C. 	- Microprocessor digital signal processing based with input and output signal range 0-15000 µs or better with temperature compensation and temperature range of 20 to 50 °C.

Sl.No.9 Eluent generation	Eluent generation must be an electrolytic process by which eluent is generated and subsequently purified by means of electrolysis. The eluent concentration must be varied by changing the applied current which allows gradients formations without the use of extra pumps, fittings, or valves. The electrolytically generated gradient can be infinitely variable throughout a single run. 	Eluent generation must be an electrolytic process by which eluent is generated and subsequently purified by means of electrolysis or a better mechanism. The eluent concentration must be varied by changing the applied current which allows gradients formations without the use of extra pumps, fittings, or valves. The electrolytically generated gradient can be infinitely variable throughout a single run.
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All others remain unchanged.


Asst. Administrative Officer (Purchase)

Bid Corrigendum

GEM/2026/B/7726363-C1

Pre Bid Detail(s)

Pre-Bid Date and Time	Pre-Bid Venue
15-07-2026 11:00:00	ICAR-CIFT, COCHIN

*This document shall overwrite all previous versions of Pre Bid parameters.

[This Bid is also governed by the General Terms and Conditions](#)