



**ADDENDUM-I**  
**Tender No. 1100C17030 FOR SUPPLY OF TOTAL SULPHUR, NITROGEN & CHLORIDE ANALYZER (SINGLE UNIT) at ONGC**  
**Mangalore Petrochemicals Ltd (OMPL) - An SEZ Unit**



Addendum-I to tender document is as follows:

Sl.	Bidders Query	OMPL Replies/Clarifications/Amendment/Corrigendum
1	Please clear vendor means bidder or manufacturer	Vendor means Bidder
2	<b>Page 18 of 48</b> The Lower detection limit mentioned in point 3 can be met with our horizontal furnace model TNTSTX 6000. Hence we request you to consider our participation with Horizontal Furnace. Please note that Horizontal furnace is much competitive in price compared to Vertical furnace and meets your requirement	Technical specification mentioned in Page No18 point 2 in Tender shall prevail
3	<b>Page 18 of 48</b> ASTM D3120 is test method for Sulfur using Oxidative Microcoulometry.  AS per point 3, Estimation of Total Sulphur in aromatic hydrocarbon by Oxidation pyrolysis and UV Fluorescence is requested.  Please clarify whether Microcoulometry or UV Fluorescence.	The Instrument should have a <b>Lower Detection Limit</b> as follows: Nitrogen= 50ppb Sulphur= 50ppb Chlorine=100ppb  Estimation of trace level of Nitrogen in Aromatic Hydrocarbon must be by oxidative combustion & reduced pressure chemiluminescence detection. Estimation of Total Sulphur in aromatic hydrocarbon by Oxidation pyrolysis with UV Fluorescence and with microcoulometry (D3120)
4	<b>Page 18 of 48</b> In technical compliance point no. 3 you have not mentioned the detection limit of sulphur by coulmetry. Kindly add the detection limit of Sulphur also by coulmetry to 100ppb	LOD for microcoulometry by sulphur will be as per method D3120.
5	<b>Page 18 of 48</b> In the technical compliance point no 8 you have mentioned that the CRM for chlorine to be given for 0-1000ppb. Kindly note in the market we do not get that low range of chlorine standards. Kindly change the same to 0-100 ppm or equivalent.	Noted
6	Clause No. 1 under Technical specification is amended	Amendment in Technical Specification Clause No1. should read as follows: 1)The instrument should comply with the following International methods: For Nitrogen(Chemiluminescence) ASTM D6069, D7184, UOP936 For Sulphur D5453, D7183, D6667, D3120

		For Chlorine D4929, D5808, UOP910
7	<b>Clause no. 7: Instruction to Bidders (ITB) under Technical criteria to be revised as:</b> The vendor should guarantee to support with equipment spares for a minimum period of 10 years or minimum of 7 years from the date the model is declared obsolete.	Vendor should guarantee to support with equipment spares for a minimum period of 10 years from the date of successful completion of Installation
8	<b>Clause no. 7: Instruction to Bidders (ITB) under Commercial/Financial criteria</b> We can quote on behalf of principals with specific authorization letter, PO copy will be submitted by manufacturer	Vendor can quote on behalf of principals, however PO copy (in the name of bidder who is submitting the offer) need to be submitted along with the bid as a documentary evidence
9	<b>Clause no. 7: Instruction to Bidders (ITB) under Commercial/Financial criteria</b> Kindly confirm whether the configuration of the executed order mentioned above means Total Nitrogen, Sulphur and Chloride Analyzer with liquid auto sampler and LPG/Gas sampler or it could be any one of the combination. Also let us know if we can give 2 or 3 nos. of orders which could sum up to 54.2 lac or greater	Bidder should have executed one such order as per the technical specification mentioned in the tender document in the previous 5 years period as on the bid due date of value not less than Rs. 54.20 Lakhs

**All other terms & conditions, stipulations, specifications etc. of tender document issued earlier shall remain unaltered. This forms an integral part of bidding document. Bidders are requested to take cognizance of the same and submit their bids accordingly. Bidders are requested to submit the copy of this document duly signed & stamped along with the bid (in the techno-commercial part) as the token of acknowledgement & acceptance of the same.**

Sign & Stamp of Bidder