

e-Tender Nos. 17(AS)/2018 to 23(AS)/2018 dated 19.03.2018 for supply, installation and commissioning of Microwave Digestion System, Automatic Polarimeter, Auto Titrator, Karl Fischer Titrator, Automatic Nitrogen Analyzer, Flash Point Apparatus & Distillation Apparatus respectively for laboratories of Customs & Central Excise

Minutes and clarifications of pre-bid conference held on 18.04.2018

F. No. 441/10/DL(AS)/2018/Group-III

Dated: 03.05.2018

Subject: e-tender Notices for supply, installation and commissioning of (i) Microwave Digestion System [e-tender no.17 (AS)/2018], (ii) Automatic Polarimeter [e-tender no.18 (AS)/2018], (iii) Auto Titrator [e-tender no.19 (AS)/2018] (iv) Karl Fischer Titrator [e-tender no.20 (AS)/2018] (v) Automatic Nitrogen Analyzer [e-tender no. 21 (AS)/2018], (vi) Flash Point Apparatus [e-tender no. 22 (AS)/2018] and (vii) Distillation Apparatus [e-tender no. 23(AS)/2018] for laboratories of Customs & Central Excise – reg.

Venue: Conference Hall, Central Revenues Control Laboratory, Pusa, New Delhi

Date and time: 18.04.2018 at 14.00 hours.

A Pre-bid Conference was held on 18.04.2018 at 14.00 hrs. in the Conference Hall of Central Revenues Control Laboratory, Pusa, New Delhi to provide clarifications on the queries raised by the prospective tenderers pertaining to the e-tenders tabulated above. The Pre-bid Conference was chaired by Smt. D. B. Arora, Additional Commissioner, Directorate of Logistics, New Delhi and the following officials attended the meeting:

Sl. No.	Name (S/Sh./Dr./Ms./Smt.)	Organization
1.	T. A. Sreenivasa Rao	Joint Director, CRCL, New Delhi
2.	K. C. Agarwal	Joint Director, CRCL, New Delhi
3.	Ashok Aswal	Deputy Commissioner, Directorate of Logistics
4.	Gyanendra Saxena	Chemical Examiner Gr. II, CRCL, New Delhi
5.	J. K. Sharma	Superintendent, Directorate of Logistics

2. Representatives of the following companies attended the Pre Bid Conference:-

Sl. No.	Name (S/Sh./Dr./Ms)	Represented by
1.	Amit Srivastava	Anton Paar India Pvt. Ltd., Gurugram
2.	Vikas Sharma	Anton Paar India Pvt. Ltd., Gurugram
3.	Dilip Ahuja	Anton Paar India Pvt. Ltd., Gurugram

4.	Yash Pal Kapoor	Analytica Equipments (I) Pvt. Ltd., Lucknow
5.	Abhishek Tyagi	Labindia Analytical Instruments Pvt. Ltd., New Delhi
6.	Rupesh Gupta	Labindia Analytical Instruments Pvt. Ltd., New Delhi
7.	Bhaskar Mazumder	Anaram Industries, New Delhi
8.	Vinay Tripathi	Anaram Industries, New Delhi
9.	Virender Thakur	Gennext Lab Technologies Pvt. Ltd., Delhi
10.	Ashwini Kumar Mishra	Shiva Global Teknosys, Ghaziabad
11.	Prashant Dutt	Shiva Global Teknosys, Ghaziabad
12.	Deodutt Singh	Skalar Analytical India Pvt. Ltd., Chennai
13.	Sujit Kumar	Ace Instruments Delhi, New Delhi
14.	B. A. Giri	Ace Instruments Delhi, New Delhi
15.	Amit Kumar Manav	Xylem Analytics South Asia, Gurugram
16.	Shailendra Pal Singh	ELICO Marketing Pvt. Ltd., Ghaziabad
17.	Parmod Jaglan	I.R. Technology Services Pvt. Ltd., Noida

3.1 The Additional Commissioner (Logistics) and Joint Director, CRCL, New Delhi welcomed all the participants and recalled that as per clause 2.9.1 of Section II of Tender document prospective tenderers seeking clarification on the tender document were required to submit their queries online by 04.04.2018 upto 1500 hours. Queries received were to be answered in the pre-bid conference. It was informed that queries had been received through online mode from the following firms:-

Sl. No.	Firm's name	e-Tender No.
1.	Labindia Analytical Instruments Pvt. Ltd., New Delhi	17(AS)/2018, 18(AS)/2018 and 19(AS)/2018
2.	Anton Paar India Pvt. Ltd., Gurugram	18(AS)/2018
3.	Name of the firm not mentioned	21(AS)/2018
4.	Acute Instruments Pvt. Ltd., Navi Mumbai	22(AS)/2018 and 23(AS)/2018

3.2 Additional queries were also received from the above mentioned prospective bidders and other participants namely, M/s I.R. Technology Services Pvt. Ltd. Noida, M/s Anaram Industries New Delhi, M/s Shiva Global Teknosys Ghaziabad, M/s Analytica Equipments (I) Pvt. Ltd. Lucknow, M/s Metrohm India Limited New Delhi, M/s Skalar Analytical India Pvt. Ltd. Chennai and M/s ELICO Marketing Pvt. Ltd. Ghaziabad, in written format.

3.3 All queries received online and during pre-bid conference were taken up for clarification and answered one by one by the official side. Parties seeking further time to send additional queries were advised to submit queries offline by 19.04.2018, which would be examined and clarifications uploaded.

3.4 Queries received alongwith the replies/ clarifications have been consolidated in a tabular form and enclosed at **Annexure-A**. The respective Tender conditions stand modified to the extent mentioned therein, wherever applicable.

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4. The participants were advised to take into consideration any addendum/ amendment issued subsequent to the tender documents while preparing and submitting the bid. These can be downloaded from e-procure portal <http://eprocure.gov.in>. or www.dolcbec.gov.in.



GNIT e-Tender No. 17(AS)/2018 to 23(AS)/2018 dated 19.03.2018

Procurement of Four(04) units of Microwave Digestion System, Three (03) units of Digital Polarimeter, Two (02) units of Auto Titrator, Five (05) units of Automatic Karl Fisher Titrator, Three (03) units of Automatic Nitrogen Analyzer, One (01) unit of Automatic Flash Point Apparatus, One (01) unit of Automatic Distillation Apparatus for the Laboratories of Customs & Central Excise

Clarifications of pre-bid queries.

Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
e-Tender No. 17(AS)/2018 dated 19.03.2018: Microwave Digestion System				
Labindia Analytical Instruments Pvt. Ltd.				
<u>Technical Clarifications</u>				
1.	Annexure-1 (page no. 68)	Cavity volume must be at least 60 Litres to accommodate various accessories.	<p>Suggestion- Cavity volume must be in between 45-60 Litters.</p> <p>Clarification- Cavity volume of the microwave digestion play's important role in safe handling, loading and unloading of digestion vessels inside the Microwave cavity. Volume of microwave cavity should be sufficient to easily accommodate 8 or more vessels alongwith other required accessories. Hence cavity volume must be optimize properly because larger cavity volume have great chances of inhomogenous microwave power distribution, more hot/cold spot and less</p>	Accepted. Tender condition may be treated as modified to this extent.

Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
			power density inside the cavity which leads to improper digestion of samples and lesser cavity volume may create more hurdles in loading and unloading of vessels during digestion process.	
2.	Annexure-1 (page no. 68)	<ul style="list-style-type: none"> • Operating temperature & pressure: 250°C or more at 60 bar or more • The maximum temperature and pressure parameters should be simultaneously available. 	<p>Suggestion- Operating temperature & pressure 250°C or more and 50 bar or more.</p> <p>Clarification- Since Pressure and Temperature are independent parameters that mean pressure and temperature are not proportional to each other, if volume is not constant. Hence it may or may not be possible to achieve a particular desired pressure at particular temperature every time because pressure inside the vessel depends upon the sample weight/type and acid volume/type. Pressure is the parameter which does not generated by machine itself. It is the result of digestion reaction performed under closed conditions. Hence, pressure only a safety feature for digestion process.</p>	May be read as: "Operating temperature: 250°C or more; and pressure: 50 bar or more".



Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
3.	Annexure-1 (page no. 68)	Sensor: There should be provision of simultaneous measurement of pressure and temperature in the individual digestion vessels. The pressure and temperature values should be displayed simultaneously. Pressure control should be for each vessel and should be user programmable, including the maximum rate of pressure increase, to ensure complete user safety and precise reaction control. The pressure should be monitored, displayed and documented for each run.	<p>Suggestion- There should be provision of simultaneous measurement/controlling of pressure and temperature in the individual digestion vessels. The system should have in-situ/Direct temperature measurement system with the help of fibre optic or thermocouple along with infra red temperature sensor.</p> <p>Clarification- This will provide triple protection for safe & complete digestion. In situ fibre optic or thermo-couple sensor measure the temperature inside the vessel, which is more accurate than any other technique.</p>	Tender condition remain unchanged.

I R Technology Services Pvt Ltd

Technical Clarifications

4.	Annexure-1 (page no. 68)	Microwave Digestion Unit: <ul style="list-style-type: none"> •The microwave output power should be 1400 watts or more. 	Microwave Digestion Unit: <ul style="list-style-type: none"> •The microwave output power should be 1600 watts or more with dual magnetron. 	•Tender condition remain unchanged.
5.		<ul style="list-style-type: none"> •The system should be able to continuously work at the highest operating parameters of temperatures and pressure upto at least 2 hours to ensure complete digestion of difficult to 	<ul style="list-style-type: none"> •The system should be able to continuously work at the highest operating parameters of temperatures and pressure to ensure complete digestion of 	•Tender condition remains unchanged.

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
		digest samples.	difficult to digest samples. (Every sample has difft time. If you get your samples gets digested in 30 min. why u will run your instrument till 2 hrs???)	
6.		Rotor: <ul style="list-style-type: none"> •The system should have appropriate rotors for acid digestion, drying, evaporation. 	Rotor: <ul style="list-style-type: none"> •The system should have appropriate rotors for acid digestion.(In digestion system there is no requirement of drying and evaporation and in our digestion we don't have evaporation rotor and drying rotor) 	May be read as "The system should have appropriate rotors for acid digestion."
7.		Starter Kit: <ul style="list-style-type: none"> •Starter kit should have one set of vessels and essential accessories. 	Starter Kit: <ul style="list-style-type: none"> •Starter kit should have one set of vessels and essential accessories.(Please mention the no?).Please also mention the capacity and temp. And pressure limit of vessels. 	<ul style="list-style-type: none"> •Details already mentioned under heading "Vessel" in specifications
Commercial Clarifications				
8.	Clause 2.11.1 Section -II (page no. 10)	Tender currencies: <ul style="list-style-type: none"> •Equipment / Instrument price may be quoted in Indian rupees or in any freely convertible currency. However, the installation and commissioning charges should be quoted in Indian rupees only. Also, price for maintenance services should be quoted in Indian Rupees only. The prices should be quoted both in figures and in words, in such a way that 	Tender currencies: <ul style="list-style-type: none"> •Indian bidder can quote the foreign manufacturer instrument in foreign currency. Payment by LC or TT in advance. 	<ul style="list-style-type: none"> •Clause 2.11.1 is amply clear. Tender conditions prevail.

Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
		interpolation is not possible.		
9.	Clause 2.11.2	•Commission for Indian Agent, if any payable by the tenderer, should be indicated in the price schedule in Indian Rupees only.	•Agency commission can be given in foreign currency also.	Tender condition prevails.
10.	Clause 2.11.3	•Tenders, where prices are quoted in any other way shall be treated as unresponsive and rejected	•Indian authorized bidder can quote in foreign currency also.	Tender conditions are amply clear.

e-Tender No. 18(AS)/2018 dated 19.03.2018: Digital Polarimeter

Anton Paar India Private Limited.

Technical Clarifications

11.	Annexure-1 Sl. No. 13 (page no. 68)	Calibration Standard: Should provide certified calibration standard for polarimeter which meet the specification as per NIST or ICUMSA.	Calibration Standard: Should provide certified calibration standard like a Quartz control plate (1 no) for polarimeter which meet the specification as per NIST or ICUMSA or PTB. Remarks- Anton Paar is a Europe based company we adhere to PTB standards (i.e. German Institute of Metrology) which is a well accepted body like NIST. Hence, please incorporate this also in the acceptance criterion.	May be read as "Calibration Standard: Should provide certified calibration standard for polarimeter which meet the specification as per NIST or ICUMSA or equivalent standard".
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Labindia Analytical Instruments Pvt. Ltd.

Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
Technical Clarifications				
12.	Annexure-1 Sl. No. 6 (page no. 68)	Prism: Glan Thompson calcite quartz	<p>Suggestion- Prism: Glan Thompson calcite quartz or equivalent.</p> <p>Clarification- Because every manufacturer uses prism/polarizer according to design and specifications of their machine, so it should not be so specific.</p>	Tender conditions remains unchanged.
13.	Annexure-1 Sl. No. 3 (page no. 68)	Accuracy: ± 0.002 deg. Arc or better for entire range of Measurement.	<p>Accuracy: ± 0.010 deg. Arc or better for entire range of Measurement.</p> <p>Clarification: For any polarimeter it is not possible to maintain accuracy and resolution upto the same point of decimal. If resolution is of 3 point of decimal then accuracy can be achieved upto 2 point of decimal. In your tender specifications, you have asked resolution of 0.001 deg Arc, in that case, accuracy can be +/- 0.01 Deg Arc only.</p>	Tender condition remains unchanged.
14.	Annexure-1 Sl. No. 10 (page no. 68)	Temperature control/Peltier Temp Control: Automatic temperature thermostat and Polarimeter should control the temperature at 20° C & 25° C.	<p>Peltier Temp Control: Automatic temperature thermostat and Polarimeter should control the temperature at 20° C & 25° C.</p> <p>Clarification: Since temperature can be</p>	May be read as "Peltier Temp Control: Automatic temperature thermostat and Polarimeter should control the temperature at 20° C & 25° C."

Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
			<p>controlled via two techniques one is through solvent/water circulation via bath and other is peltier temperature control. Bath technology has disadvantages of poor temperature accuracy as compare to peltier. Hence we request you to mention peltier temperature control only so that every bidder has to quote their premium model to satisfy your application in better way.</p>	
Agaram Industries				
Technical Clarifications				
15.	Annexure-1 (page no. 68)		<p>Temperature Validation/ Calibration tools like NIST Traceable/ any equivalent standard has to be supplied with the instrument.</p> <p>Explanation: As you have mentioned in the tender automatic Temperature control system, it is very important to validate/Calibrate the Temperature of probe/sensor of the system.</p> <p>If you don't have such tools, you will not be sure either showing Temperature in the instrument is actual temperature or not. All</p>	<p>Tender specification to include at Sl No. 10 "Temperature Validation / Calibration tools like NIST Traceable/ any equivalent standard to be supplied with the instrument."</p>

Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
			<p>the manufacturer/ vendors who are having Automatic temperature control system, they must have temperature validation/ Calibration tools as it is most important Features of any Temperature control system.</p> <p>We would also like to your kind attention about resolution points raised by one company. All most all the manufacturers are having resolution 3 digit as accuracy is 3 digit like Rudolph, Anton Paar, Jasco, Atago, B&S etc. so there is no sense of 4 digit of resolution. They just want to confuse without any technical explanation.</p>	
Shiva Global Teknosys				
<u>Technical Clarification</u>				
16.	Annexure-1 Sl. No. 9 (page no. 68)	Minimum fixed wavelength 589 nm and Instrument should have option for Wavelength upgradation.	Please remove "Instrument should have option for Wavelength upgradation." Reason being almost all your present application are possible and be fulfilled with a source which provide 589 nm wavelength and as such any another wavelength, those too are not specified say for 325 nm or 365 nm or 405 nm or 436 nm or 546 nm, may be required at any point in	Tender condition remain unchanged.

Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
			future may not be exist on the model quoted to you. Hence, with the change in requirement of additional wavelength, the model to be proposed can also change. Therefore in our opinion, without specifying up-gradation wavelength it is almost irrelevant to ask for provision for additional upgradation of wavelengths. So, either alternate wavelength has to be mentioned or this entire clause should be deleted.	
17.	Annexure-1 Sl. No. 3 (page no. 68)	Accuracy: ± 0.002 deg. Arc or better for entire range of Measurement.	Kindly make it ± 0.02 or ± 0.01 , reason being the accuracy has a direct relation with resolution which is already specified by you as 0.001 for entire range of measurement (Refer your point no 4). Normally the accuracy to relation has 10:1 factor, as per analytical measurement instrument.	Tender conditions remain unchanged
18.	Annexure-1 Sl. No. 10 (page no. 68)	Temperature control/Peltier Temp Control: Automatic temperature thermostat and Polari meter should control the temperature at 20° C & 25° C.	Kindly amend it to temperature control through Peltier Temperature Control or Peltier Temperature Control.	Refer to reply given at Sl no. 14.
Commercial Clarifications				
19.	Clause 2.14.1 Section -II	Terms and Mode of Payment 1. On installation of equipment/instrument;	We would like you to kindly amend it as "against the proof of dispatch thru letter of	Tender conditions remain unchanged.



Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
	(page no. 12)	<p>80% of the Basic cost of equipment/instrument. Document to be submitted -1. Supplier's commercial invoice in duplicate. 2. Installation certificate issued by the user Laboratory (as per Section IX).</p> <p>2. On payment of Taxes & Duties- 100% Taxes and Duties. Document to be submitted - Document showing proof of payment of taxes & duties on equipment/ instrument, duly attested by the appropriate authority.</p> <p>3. On Commissioning of equipment/ instrument - Balance 20% of the Basic cost of the equipment/ instrument + other charges, if any. Document to be submitted- Supplier's commercial invoice in duplicate, Delivery & Acceptance Certificate as per Section IX, Bank Guarantee equivalent to balance 10% of amount in the Proforma given in Section IX.</p>	<p>credit" instead of " On installation of equipment/ instrument" for the payment of for 80% of the Basic cost of equipment/ instrument being the imported equipments with preferred mode of transaction is Letter of Credit.</p> <p>The modified term of payment could be as follows ;</p> <p>Stage- On proof of dispatch thru letter of Credit. Payment - 80% of the Basic cost of equipment/ instrument. Document to be submitted - Supplier's commercial invoice in duplicate.</p> <p>We are neither asking you for advance payment nor asking for Direct Bank Transfer (DBT), simply requesting you to change the mode of payment only.</p>	
	Clause 2.14.2	No advance payment shall be made.		
	Clause 2.14.3	The payment shall be made in the currency / currencies authorised in the contract.		
	Clause 2.14.4	The payment in foreign currency shall be made		

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
		through Direct Bank Transfer (DBT) in the quoted currency. The rate of exchange shall be the rate on the day of release of payment.		
20.			<p>Again you have asked for, to submit the Performance security as Bank Guarantee within twenty one days after the issue of notification of award by the purchaser, for an amount equal to 10% of the total value of the contract under clause 3.5 Performance Security sub clause 3.5.1 & clause 2.31 Notification of Award, sub clause 2.31.1 and to submit the Bank Guarantee equivalent to 10% award value submitted against release of balance 20% payment shall remain valid till 90 days after the expiry of warranty period under clause 2.14.8.</p> <p>But in clause 2.14.9 it is mentioned as In case the machine is not attended to in respect to any defect developing during the warranty period and made functional, 10% Performance warranty security deposit and Bank Guarantee submitted against the release of 20% of balance payment shall be</p>	<p>Bank guarantees have been asked to be submitted at two stages: (a) while signing the contract - to perform the contract and covers delivery period as well, and (b) upon completion of the contract - for the work done. Tender conditions remain unchanged.</p>

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
			<p>forfeited.</p> <p>It looks like that you are asking to deposit for two different bank guarantee for 10 % or award value each, amounting to 20% of contract value to cover the warranty period. Please clarify?</p>	

e-Tender No. 19(AS)/2018 dated 19.03.2018: Auto Titrator

Labindia Analytical Instruments Pvt. Ltd.

Technical Clarifications

21.	Annexure-1 Sl. No. 12 (page no. 68)	pH calibrations: Instrument should have pH measurement capability with up to 5 point pH calibration.	<p>Suggestion- pH calibrations: Instrument should have pH measurement capability with up to 3 point pH calibration.</p> <p>Clarification- By potentiometric titration we can do all types of titrations. In this we are checking for maximum change in mV at the end point. Only for acid base titration pH electrode is required. But for titration purpose 5 point calibration is not required. Three point calibration will solve the purpose.</p>	May be read as: <i>"pH calibrations: Instrument should have pH measurement capability with minimum 3 point calibration."</i>
22.	Annexure-1 Sl. No. 5 (page no. 68)	Burette Resolution: 1/20000 of burette volume (Fulfills ISO / DIN Standard 86555 - 3).	Suggestion- Please mention Burette volume of 10 ml alongwith Burette resolution.	May be read as "Burette Resolution: 1/20000 of burette volume 10 ml."

Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
			<p>Clarification- There is no mention of Burette volume in your tender specification, hence, you are requested to mention Burette Volume as 10ml to satisfy all titration applications in optimum way.</p>	
23.	Annexure-1 Sl. No. 6 (page no. 68)	<p>Burette Drive: a) max. Number of Dose and titrate - +1; b) max. number of Dose - +3</p>	<p>Suggestion- Burette Drive: a) max. Number of titrate-+1; b) max. Number of Dosing assembly - 3</p> <p>Clarification- It gives clear picture that you need 3 burette assembly alongwith the system to perform different types of titration.</p>	<p>May be read as "Burette Drive: a) max. Number of titrate - +1; b) max. number of Dose - +3."</p>
24.	Annexure-1 Sl. No. 15 (page no. 68)	<p>PC/Printer: Branded PC with i7, 1TB HDD, 19 inch TFT monitor, 4GB RAM and color Laser printer should be supplied along with the instrument.</p>	<p>Suggestion- Branded PC with i7, 1TB HDD, 19 inch TFT monitor, 4GB RAM and color Laser printer should be supplied along with the instrument if Titrator system does not have built in large touch screen.</p> <p>Clarification- Since Touch screen system does not require separate PC as they already have built in microprocessor with large memory and facility to export the data via pen drive/ hard disk.</p>	<p>Sl no. 11, 13 and 15 may be merged and read as "Instrument should have 7 inch size or more color touch screen display or Branded PC with i7, 1TB HDD, 19 inch TFT monitor, 4GB RAM and color laser printer, with licensed software controlled titrator for complete control of the instrument and real-time curve display for ongoing titration and data management."</p>

Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
Metrohm India Limited				
Technical Clarifications				
25.	Annexure-1 Sl. No. 4 (page no. 68)	mV range: ± 2000 mV with accuracy ± 0.1 mV	<p>Recommended Change: ± 1200 mV with accuracy ± 0.1 mV</p> <p>Reason: As per Nernst Equation on which potentiometric titration is based and change in potential calculated. For every change in pH(n=1) potential change is 59.16 mV therefore for total pH range 0 - 14 (n=14) total potential change : $59.16\text{mV} \times 14 = 828$ mV therefore 1200 mV range can easily perform any titration.</p>	Tender condition remain unchanged.
26.	Annexure-1 Sl. No. 9 (page no. 68)	Stirrer type: Instrument should be operational with plug and play type propeller stirrer. The instrument should be capable of controlling stirrer speed.	<p>Recommended Change: Stirrer type: propeller stirrer or Magnetic stirrer.</p> <p>Reason: No effect on functionality and results though will give more options to users. Magnetic stirrers have low maintenance cost.</p>	Tender condition remain unchanged.
27	Annexure-1 Sl. No. 11 (page no. 68)	Instrument should have large Touch Screen display for complete control of the instrument and Real-time curve display for ongoing titration.	<p>Recommended Change: PC software controlled titrator with real time cure and data management.</p> <p>Reason: PC is already asked in point no. 15 and point no. 13 it states PC controlled of</p>	Refer to response given at Sl no. 24.

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
			this tender specification; Touch screen controlled titrator have limited hardware functionality and memory storage problems and are NOT upgradeable with new software functions. All high end analytical techniques are software controlled.	
AnalyticaEquipments (India) Pvt. Ltd.				
Technical Clarifications				
28.	Annexure-1 Sl. No. 3 (page no. 68)	Automatic Electrode check facility should be available, which can report the condition of electrode at a click to facilitate easy change and advance notice of electrode change. Provisions available should be described in the offer.	To the best of our knowledge there is no advance check or advance warning/notice system for titration electrodes. Life of electrode depends upon its use and maintenance. That is why electrode is considered as consumable item. This point should be deleted.	Tender condition remain unchanged.
29.	Annexure-1 Sl. No. 6 (page no. 68)	Burette Drive: a) max. number of Dose and titrate - +1; b) max. number of Dose - +3	Please elaborate this and specify the number of Burettes Drives/Exchange Units or additional dosing devices.	Refer to response given at Sl no. 23.
30.	Annexure-1 Sl. No. 8 (page no. 68)	The Instrument should be able to manage samples and reagents automatically with the help of motor driven dosing devices/ Burette in liquid handling mode. Eliminating all errors related to Human handling. Provisions available should be described in the offer.	Please specify if this means an auto sampler which can automatically manage samples. If it is auto sampler then for how many samples in a tray at a time?? Please specify as the price varies for number of samples per tray/per cycle.	Tender specification remains unchanged. It does not mean autosampler.

Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
31.	Annexure-1 Sl. No. 16 (page no. 68)	Balance Connection: Possibility for direct connection of Balances of at least three international make. List of compatible balances should be furnished in the offer.	Please specify that balance is not included. You need only interface for connecting a balance.	Supply of Balance is not included in the scope of tender. The requirement is to furnish a list of compatible balances so that CRCL could provide the same.
Commercial Clarifications				
32.	Clause 2.12.2 Section -II (page no. 11)	If Purchaser is required by Indian Law to deduct or withhold any other taxes or other amounts, the gross amount payable by Purchaser shall be paid after making such deductions or other withholdings. Necessary certificate for the deductions so made will be issued by the Purchaser.	Please specify the deductions, so that we may workout our prices accordingly.	Tender condition is amply clear.
33.	Clause 2.14.1 Section -II (page no. 12)	<p>Terms and Mode of Payment</p> <p>1. On installation of equipment/instrument; 80% of the Basic cost of equipment/instrument. Document to be submitted -1. Supplier's commercial invoice in duplicate. 2. Installation certificate issued by the user Laboratory (as per Section IX).</p> <p>2. On payment of Taxes & Duties- 100% Taxes and Duties. Document to be submitted - Document showing proof of payment of taxes & duties on equipment/ instrument, duly attested by the appropriate authority.</p>	As per GST rules, we have to deposit GST amount to government within 15 th of next month. If and we don't do this then we have to pay penalty and interest. So this GST amount should be paid along with 80% payment. Please also specify that 80% payment with 100% GST will be release within -days positively and balance 20% payment will be released within -days of submission of documents.	Duties & taxes, as applicable, will be reimbursed upon submission of requisite invoices along with proof of having paid the applicable duties & taxes.

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
		<p>3. On Commissioning of equipment/ instrument - Balance 20% of the Basic cost of the equipment/ instrument + other charges, if any. Document to be submitted - Supplier's commercial invoice in duplicate, Delivery & Acceptance Certificate as per Section IX, Bank Guarantee equivalent to balance 10% of amount in the Proforma given in Section IX.</p>		
34.	Clause 3.5 Section -III (page no. 20)	<p>Performance Security</p> <p>3.5.1 <u>Within twenty one days after the issue of notification of award by the Purchaser,</u> the tenderer, shall furnish performance security to the Purchaser for an amount equal to ten percent of the total value of the contract. <u>This Security shall remain valid up to 90 days after the date of completion of all contractual obligations by the Supplier,</u> including the expiry of warranty obligations and signing of CCAMC.</p> <p>3.5.2 The Performance security shall be in the form of Bank Guarantee issued by a Scheduled bank in India, in the prescribed form as provided in Form-4 of Section - IX of this document.</p>	Performance Security before supply and BG before release of 20% payment. Please review this as only 10% performance security should be there to cover warranty period.	Refer response to Sl. no.20.

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
		<p>3.5.3 If Tenderer fails to fulfil its obligations in terms of the contract, the amount of the performance security shall be payable to the Purchaser as compensation and the Purchaser can invoke the said Performance Bank Guarantee.</p> <p>3.5.4 If any amendment is issued to the contract, the Supplier shall, within twenty one days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended.</p> <p>3.5.5 Subject to sub-clause 3.5.4 above, the Purchaser will release the performance security without any interest to the Supplier on completion of the Supplier's all contractual obligations including the warranty obligations and signing of the CCAMC.</p>		
35.	Clause 4.1 Section -IV (page no. 29)	<p>4.1 Scope of Work (ii) Obtaining regulatory/statutory clearances, as necessary, and Training of staff of User Commissionerate;</p>	<p>Obtaining regulatory/statutory clearances Please specify if CRCL is under any regulatory/ statutory body. This should be in your scope as it is government to government.</p>	<p>The reference is for the offered instrument; if it requires any regulatory/statutory clearances before import / use.</p>
36.	Clause 7.6	Average annual turnover of the	Turnover of Rs 5.00 crores per year.	Tender qualification criteria

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
	Section -VII (page no. 37)	Tenderer/OEM should be at least Rs. 5 crores during last three financial years i.e. April 2014 to March 2017 and should have made profit (profit after tax) in each of these years. Certified and published annual reports of the past three years are to be submitted alongwith the tender.	We are distributor for Xylem Analytics, owner of brand SI Analytics, Germany and sell and service only their Titration systems in India. Our average annual turnover for last 3 year is around Rs 1 crore. Please confirm if turnover of manufacturer i.e. Xylem Analytics/ SI Analytics which is in millions of Euro will be acceptable as our qualifying criteria.	remain unchanged. However, the purchaser may, as per applicable government instructions, consider relaxation on case to case basis.

e-Tender No. 20(AS)/2018 dated 19.03.2018: Automatic Karl Fischer Titrator

Labindia Analytical Instruments Pvt. Ltd.

Technical Clarifications

37.	Annexure-1 (page no. 68)	Burette drive: Burette resolution (for 5ml burette)	<p>Suggestion: Please mention Burette as 10 ml instead of 5 ml</p> <p>Clarification: Since most of the application requires 6-8 ml of KF region to complete the reaction hence, we have to fill 5 ml burette two times to satisfy these applications. On the other hand 10 ml burette is sufficient to satisfy all applications with single flame in less time.</p>	Tender conditions remain unchanged
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Metrohm India Limited

Technical Clarifications

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
38.	Annexure-1 (page no. 68)	The routine volumetric Karl Fischer titration measure moisture (water) content of solid, liquid, resin and semi-solid material which are soluble in organic solvent by using dual pin platinum electrode from 100 ppm to 100%.	<p>Recommended Change 100o ppm to 100 %.</p> <p>Reason: Ideally Volumetric KF titrator is 0.1 % (1000 ppm) to 100 % moisture determination below moisture ranges are recommended using coulometer titrator.</p>	Tender conditions remain unchanged
39.	Annexure-1 (page no. 68)	Measurement Range :- 2000 to + 2000 mV	<p>Recommended Change :± 1200 mV with accuracy ±0.1 mV</p> <p>Reason: As per Nernst Equation on which potentiometric titration is based and change in potential calculated. For every change in pH(n=1) potential change is 59.16 mV therefore for total pH range 0 - 14 (n=14) total potential change : 59.16mV × 14 = 828 mV therefore 1200 mV range can easily perform any titration.</p>	Tender conditions remain unchanged
40.	Annexure-1 (page no. 68)	Touch Screen : VGA 5.7" color TFT, 480x272 pixel, RGB	<p>Recommended change: PC software controlled titrator with real time cure and data management.</p> <p>Reason: Touch screen controlled titrator have limited hardware functionality and memory storage problems and are not upgradable with new software functions. All high end analytical techniques are PC</p>	May be read as "Instrument should have 7 inch or more color touch screen display or Branded PC with i7, 1TB HDD, 19 inch TFT monitor, 4GB RAM and color laser printer, with licensed software controlled titrator for complete control of the instrument and real-time curve display for ongoing titration and data

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
			software controlled and give user flexibility in operation and data management.	<i>management."</i>
AnalyticaEquipments (India) Pvt. Ltd.				
Technical Clarifications- Karl Fisher Titrator				
41.	Annexure-1 (page no. 68)	Methods: Number of samples per series, 120 nos.	Please clarify what does this mean??	The tender specification stand deleted
42.	Annexure-1 (page no. 68)	Burette drive: Burette resolution (for 5ml burette) :0.25 µL Resolver: 32 pulses/mm stroke. 0.0625% of burette Resolver solution : 0.0625% of burette volume.	Burette resolution is 1/20000 steps. Then why mention the resolver and resolver solution?? Please clarify, as our manufacturer mention only burette volume/ resolution and dispensing accuracy. Resolver doesn't matter.	Tender specification "Resolver and resolver solution" stands deleted
43.	Annexure-1 (page no. 68)	Control and display: Touch Screen : VGA 5.7" color TFT, 480x272 pixel, RGB	Why mention this as touch screen and VGA 5.7" ...?? We have a TFT color display good enough for equipment. Please confirm if our technical bid will not be rejected because of this deviation.	Refer to reply given at Sl no. 40.
44.	Annexure-1 (page no. 68)	PC Software: It should be with relevant licenced software.	Please specify that we need to quote only the PC software and a cable for connection. PC/Printer are not included and need not be quoted.	Refer to reply given at Sl no. 40.
Commercial Clarifications				

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
45.	Clause 2.12.2 Section -II (page no. 11)	If Purchaser is required by Indian Law to deduct or withhold any other taxes or other amounts, the gross amount payable by Purchaser shall be paid after making such deductions or other withholdings. Necessary certificate for the deductions so made will be issued by the Purchaser.	Please specify the deductions, so that we may workout our prices accordingly.	Refer to reply given at Sl no. 32.
46.	Clause 2.14.1 Section -II (page no. 12)	<p>Terms and Mode of Payment</p> <p>1. On installation of equipment/instrument; 80% of the Basic cost of equipment/instrument. Document to be submitted -1. Supplier's commercial invoice in duplicate. 2. Installation certificate issued by the user Laboratory (as per Section IX).</p> <p>2. On payment of Taxes & Duties- 100% Taxes and Duties. Document to be submitted - Document showing proof of payment of taxes & duties on equipment/ instrument, duly attested by the appropriate authority.</p> <p>3. On Commissioning of equipment/instrument - Balance 20% of the Basic cost of the equipment/ instrument + other charges, if any. Document to be submitted - Supplier's commercial invoice in duplicate, Delivery & Acceptance Certificate as per Section IX, Bank</p>	As per GST rules, we have to deposit GST amount to government within 15 th of next month. If and we don't do this then we have to pay penalty and interest. So this GST amount should be paid along with 80% payment. Please also specify that 80% payment with 100% GST will be release within—days positively and balance 20% payment will be released within—days of submission of documents.	Refer to reply given at Sl no. 33.

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
		Guarantee equivalent to balance 10% of amount in the Proforma given in Section IX.		
47.	Clause 3.5 Section -III (page no. 20)	<p>Performance Security</p> <p>3.5.1 <u>Within twenty one days after the issue of notification of award by the Purchaser, the tenderer, shall furnish performance security to the Purchaser for an amount equal to ten percent of the total value of the contract. This Security shall remain valid up to 90 days after the date of completion of all contractual obligations by the Supplier, including the expiry of warranty obligations and signing of CCAMC.</u></p> <p>3.5.2 The Performance security shall be in the form of Bank Guarantee issued by a Scheduled bank in India, in the prescribed form as provided in Form-4 of Section - IX of this document.</p> <p>3.5.3 If Tenderer fails to fulfil its obligations in terms of the contract, the amount of the performance security shall be payable to the Purchaser as compensation and the Purchaser can invoke the said Performance Bank Guarantee.</p> <p>3.5.4 If any amendment is issued to the</p>	Performance Security before supply and BG before release of 20% payment. Please review this as only 10% performance security should be there to cover warranty period.	Refer to reply given to Sl. 20

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
		<p>contract, the Supplier shall, within twenty one days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract, as amended.</p> <p>3.5.5 Subject to sub-clause 3.5.4 above, the Purchaser will release the performance security without any interest to the Supplier on completion of the Supplier's all contractual obligations including the warranty obligations and signing of the CCAMC.</p>		
48.	Clause 4.1 Section -IV (page no. 29)	<p>4.1 Scope of Work (ii) Obtaining regulatory/statutory clearances, as necessary, and Training of staff of User Commissionerate;</p>	<p>Obtaining regulatory/statutory clearances Please specify if CRCL is under any regulatory/ statutory body. This should be in your scope as it is government to government.</p>	Refer to reply given at SI no. 35.
49.	Clause 7.6 Section -VII (page no. 37)	<p>Average annual turnover of the Tenderer/OEM should be at least Rs. 5 crores during last three financial years i.e. April 2014 to March 2017 and should have made profit (profit after tax) in each of these years. Certified and published annual reports of the past three years are to be submitted along</p>	<p>Turnover of Rs 5.00 crores per year. We are distributor for Xylem Analytics, owner of brand SI Analytics, Germany and sell and service only their Titration systems in India. Our average annual turnover for last 3 year is around Rs 1 crore. Please confirm if turnover of manufacturer i.e. Xylem Analytics/ SI Analytics which is in millions of Euro will be acceptable as our</p>	Refer to reply given to 36

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
		with the tender.	qualifying criteria.	

e-Tender No. 21(AS)/2018 dated 19.03.2018: Automatic Nitrogen Analyzer

Commercial Clarifications - Name of the tenderer not mentioned

50.	Clause 2.14.1 Section -II (page no. 12)	<p>Payment terms:</p> <ul style="list-style-type: none"> — 80% of the Basic cost of equipment/instrument on installation. — Balance 20% of the Basic cost of the equipment/ instrument on commissioning. 	The payment terms mentioned in the tender is after installation. We request to consider the payment terms to be through LC in advance through bank. The supply of Analyzer for three locations is to the respective destinations or to Delhi.	<p>Payment terms remain unchanged.</p> <p>Supply of instrument is to respective destinations as per tender.</p>
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Shiva Global Teknosys

Commercial Clarifications

51	Clause 2.14.1 Section -II (page no. 12)	<p>Terms and Mode of Payment</p> <p>1. On installation of equipment/instrument; 80% of the Basic cost of equipment/instrument. Document to be submitted -1. Supplier's commercial invoice in duplicate. 2. Installation certificate issued by the user Laboratory (as per Section IX).</p> <p>2. On payment of Taxes & Duties- 100% Taxes and Duties. Document to be submitted - Document showing proof of payment of taxes & duties on equipment/ instrument, duly attested by the appropriate authority.</p>	<p>We would like you to kindly amend it as "against the proof of dispatch thru letter of credit" instead of "On installation of equipment/ instrument" for the payment of for 80% of the Basic cost of equipment/ instrument being the imported equipments with preferred mode of transaction is Letter of Credit.</p> <p>The modified term of payment could be as follows ;</p> <p>Stage- On proof of dispatch thru letter of</p>	<p>Terms & Mode of Payment remain unchanged.</p>
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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
		<p>3. On Commissioning of equipment/ instrument - Balance 20% of the Basic cost of the equipment/ instrument + other charges, if any. Document to be submitted - Supplier's commercial invoice in duplicate, Delivery & Acceptance Certificate as per Section IX, Bank Guarantee equivalent to balance 10% of amount in the Proforma given in Section IX.</p>	<p>Credit. Payment - 80%of the Basic cost of equipment/ instrument. Document to be submitted - Supplier's commercial invoice in duplicate.</p> <p>We are neither asking you for advance payment nor asking for Direct Bank Transfer (DBT), simply requesting you to change the mode of payment only.</p>	
	Clause 2.14.2	No advance payment shall be made.		
	Clause 2.14.3	The payment shall be made in the currency / currencies authorised in the contract.		
	Clause 2.14.4	The payment in foreign currency shall be made through Direct Bank Transfer (DBT) in the quoted currency. The rate of exchange shall be the rate on the day of release of payment.		
			<p>Again you have asked for, to submit the Performance security as Bank Guarantee within twenty one days after the issue of notification of award by the purchaser, for an amount equal to 10% of the total value of the contract under clause 3.5 Performance Security sub clause 3.5.1 & clause 2.31 Notification of Award, sub clause 2.31.1 and to submit the Bank</p>	Refer to reply given at Sl no. 20.

Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
			<p>Guarantee equivalent to 10% award value submitted against release of balance 20% payment shall remain valid till 90 days after the expiry of warranty period under clause 2.14.8</p> <p>But in clause 2.14.9 it is mentioned as In case the machine is not attended to in respect to any defect developing during the warranty period and made functional, 10% Performance warranty security deposit and Bank Guarantee submitted against the release of 20% of balance payment shall be forfeited.</p> <p>It looks like that you are asking to deposit for two different bank guarantee for 10 % or award value each, amounting to 20% of contract value to cover the warranty period. Please clarify?</p>	

Skalar Analytical India Pvt. Ltd.

Technical Clarifications

52.	Annexure-1 (page no. 68)	General Requirements Automatic Nitrogen Analyzer will be used for	Kindly mention the range and type of samples.	Tender condition is amply clear.
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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
		measuring various forms of Nitrogen e.g. Nitrate, Nitrite, TKN (Total Kjeldahl Nitrogen), Ammonia Nitrogen available in samples.		
53.	Annexure-1 (page no. 68)	Nitrogen analyzer must be based on latest Flow Injection Analysis techniques and conventional Segmented Flow Analysis for the measurement of Nitrogen e.g. Nitrate, Nitrite, TKN (Total Kjeldahl Nitrogen), Ammonia Nitrogen.	Nitrogen analyzer must be based on Flow Injection Analysis techniques or conventional Segmented Flow Analysis or CFA (Continuous Flow Analyzer) for the measurement of Nitrogen e.g. Nitrate, Nitrite, TKN (Total Kjeldahl Nitrogen), Ammonia Nitrogen.	“and” in “Flow Injection Analysis techniques and conventional Segmented Flow Analysis” is replaced by “or”
54.	Annexure-1 (page no. 68)	Nitrogen analyzer should be a Dual Channel, modular design, configured for the estimation of Nitrate/Nitrite or TKN (Total Kjeldahl Nitrogen) or Ammonia Nitrogen and preferred if support the applications and regulatory methods on various forms of Nitrogen Analysis laid by United States Environmental Protection Agency (USEPA), American Society for Testing and Materials (ASTM), etc.	Nitrogen analyzer should be a Dual Channel, modular design, configured for the estimation of Nitrate/Nitrite or TKN (Total Kjeldahl Nitrogen) or Ammonia Nitrogen can analyze sub ppb to high ppm levels and preferred if support the applications and regulatory methods on various forms of Nitrogen Analysis laid by United States Environmental Protection Agency (USEPA), American Society for Testing and Materials (ASTM), etc.	Tender conditions remain unchanged
55.			Auto pre-run and/or post-run dilutions of out of range samples.	No query raised.
56.			Automatic preparation of working standards.	No query raised.

Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
57.	Annexure-1 (page no. 68)	Photometric Detector Flow cell: 5-mm path length & provision for 10- mm path length.	Photometric Detector Flow cell: 5-mm path length & provision for 10- mm path length or 50 mm path length to measure low and high ranges.	Tender condition remain unchanged.
58.	Annexure-1 (page no. 68)	Software: Windows based software to control the system. The software should be capable to collect and process the data for analysis and reporting from detectors. Original and licensed version software of current generation, which is up gradable, should be supplied with the instrument.	Software: Windows based software to control the system. 21 CFR part 11 compliant software for data generation, QC/CLP procedures, automatic and unattended start up of analysis run at a user programmed time. The software should be capable to collect and process the data for analysis and reporting from detectors. Original and licensed version software of current generation, which is up gradable, should be supplied with the instrument.	Tender conditions remain unchanged.
Commercial Clarifications				
59.			•Payment Terms should be 100% Advance LC instead of after installation.	Tender terms & conditions prevail.
60.			•10% Bank Guarantee and 10% Performance security is too much kindly indicate when we have to submit the same as 10% BG is mentioned at the time of release of 20% and 10% PG is mentioned within 21 days from the award of contract.	Tender terms & conditions prevail.

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
			A total of 20% Bank Guarantee will be submitted which is much higher. – kindly delete the said point.	
61.			<ul style="list-style-type: none"> • As mentioned in page 19 at 2.37.1 “Prospective tenderers have to sign a <u>pre-bid pre-contract Agreement called the Integrity Pact as per the format given in Form -11 of Section - IX with the purchaser before submitting their tenders and in any case, at least two days prior to the last date for submission of tenders. For this purpose, they should send a letter or fax well in advance seeking a convenient date and time</u>”. ----kindly let us know what is this and when we can sign the same. 	Please refer Form-11 of the tender & Sl. No. 79. Tender requirement is amply clear.
62.			<ul style="list-style-type: none"> • As the supply is at three different locations so kindly allow us to do partial shipment as one as CIP New Delhi and other two as CIP Mumbai. 	The supply shall be on door-delivery basis to the site of installations. Vendor may decide on other modalities, subject to compliance with all terms and conditions.
63.			<ul style="list-style-type: none"> • Kindly mention if you have CDEC so that we can quote accordingly. 	CDEC is not available. However, duty, as may be applicable, will be reimbursed, as per actuals, subject to submission of proof of payment.

bx

Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
64.			<ul style="list-style-type: none"> As mentioned in 4.13.2 of page 33 Tenderer shall train 4 to 6 persons every year during warranty and 2 to 3 persons during post-warranty period. – Kindly mention the place of training/Period of training and post warranty period. 	Training should be provided at the site(s) of installation.
65.			<ul style="list-style-type: none"> The said point mentioned in 5.3.3 page 34 No-objection certificate (NOC) or Type approval from Atomic Energy Regulatory Board (AERB) of India for the offered Equipment / Instruments deploying X-ray/radiation source or as applicable, will be required to be submitted either with the Technical bid, if available, or before placement of the purchase order----Not acceptable as the said does not contain any such part so not possible to get it done. 	This is a generic requirement. If the offered equipment/ instrument does not fall under AERB approval, the relevant statement shall be made in the technical bid.
66.			<ul style="list-style-type: none"> Kindly clarify the said point:- 5.5 Equipment/ Instrument Acceptance & Calibration 5.5.1 at page 34 : To check the performance of the equipment/ instrument, after installation and commissioning at site, the Tenderer is required to conduct analysis of Certified Reference Material (CRM) of Narcotics drugs & Psychotropic substances and inorganic compounds. In 	Tender requirement is amply clear.

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
			addition, laboratory samples will be also analysed before acceptance.	
67.			<ul style="list-style-type: none"> The said point mentioned is not possible :- 6.1 at page 36 Quality Control 6.1.1 The tenderer shall provide adequate supervision at all stages of design, manufacture, integration/assembly, 	Tender requirement is amply clear.
68.			For points of CCAMC why GST will be paid afterwards when we will be paying in Advance to the Govt for CCAMC.	Refer to reply to Sl. 33

e-Tender No. 22(AS)/2018 dated 19.03.2018: Automatic Flash Point Apparatus

Acute Instruments Pvt. Ltd.

Commercial Clarifications

69.	Clause 7.6 Section -VII (page no. 37)	<p><u>Qualification Criteria</u> Average annual turnover of the Tenderer/OEM should be at least Rs. 5 crores during last three financial years i.e. April 2014 to March 2017 and should have made profit (profit after tax) in each of these years. Certified and published annual reports of the past three years are to be submitted along with the tender.</p>	Request for turnover condition relaxation: As per tender specification, turnover criteria (5 crore average turnover). We are not able to fulfil. It is requested to allow us to participate in the subject tender with 1 crore average turnover.	Refer to reply to Sl. 36
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e-Tender No. 23(AS)/2018 dated 19.03.2018: Automatic Distillation Apparatus

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
Acute Instruments Pvt. Ltd.				
Commercial Clarifications				
70.	Clause 7.6 Section -VII (page no. 37)	Qualification Criteria Average annual turnover of the Tenderer/OEM should be at least Rs. 5 crores during last three financial years i.e. April 2014 to March 2017 and should have made profit (profit after tax) in each of these years. Certified and published annual reports of the past three years are to be submitted along with the tender.	Request for turnover condition relaxation: As per tender specification, turnover criteria (5 crore average turnover). We are not able to fulfil. It is requested to allow us to participate in the subject tender with 1 crore average turnover.	Refer to reply to Sl. 36
Elico Marketing Pvt. Ltd.				
Technical Clarifications				
71.	Annexure-1 Sl. No. 4 (page no. 68)	Apparatus should have integrated CFC free cooling system via, coolant circulation.	We offers Peltier Cooling System which doesn't require any coolant circulation.	May be read as: "Apparatus should have integrated CFC free cooling system via, coolant circulation or peltier cooling system".
72.	Annexure-1 Sl. No. 6 (page no. 68)	Instrument should be capable to perform crude oil distillation without changing heater or by adding heater.	Crude Oil Application is not applicable with ASTM D 86 method sample types. If Crude sample is not under scope. We request you to remove this point.	The requirement stands deleted
73	Annexure-1 Sl. No.9 (page no. 68)	The apparatus should have safety feature and automatic-shut off for overheat protection, over pressure, overflow protection and low-	We offer Peltier Cooling System which doesn't require any coolant circulation so overflow protection and low-level detection	The provisions, as may be applicable, should be described in the offer.

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Sl. No.	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DoL
		level detection of cooling. The provisions should be described in the offer.	of cooling is not applicable.	
74.	Annexure-1 Sl. No. 11 (page no. 68)	Apparatus should have 1 RS232, 1 LAN, 1 USB interface for data printer and computer connection.	We offer 1x Ethernet for connection to LIMS, Windows PC, FTP server, Kiosk printer and/ or connection between multiple PAMV2 units.	Equivalent system is also acceptable.
75.	Annexure-1 Sl. No.20 (page no. 68)	Receiver temperature should be established as per selected standard when the program is selected (Before the start of the run). Receiver chamber should be cooled by coolant circulation system ensuring maximum temperature uniformity and which can be also used as sample storage for sample temperature standardization.	Our design is based on peltier cooling, we do not required coolant.	A better specification is acceptable, without any price advantage.

DM

e-Tender No.17(AS)/2018 dated 19.03.2018: Procurement of Four(04) units of Microwave Digestion System;
e-Tender No.18(AS)/2018 dated 19.03.2018: Procurement of Three (03) units of Digital Polarimeter;
e-Tender No.19(AS)/2018 dated 19.03.2018: Procurement of Two (02) units of Auto Titrator;
e-Tender No.20(AS)/2018 dated 19.03.2018: Procurement of Five (05) units of Automatic Karl Fisher Titrator;
e-Tender No.21(AS)/2018 dated 19.03.2018: Procurement of Three (03) units of Automatic Nitrogen Analyzer;
e-Tender No.22(AS)/2018 dated 19.03.2018: Procurement of One (01) unit of Automatic Flash Point Apparatu;
e-Tender No.23(AS)/2018 dated 19.03.2018: Procurement of One (01) unit of Automatic Distillation Apparatus

Additional Commercial Clarifications

76.	Clause 3.8, Section - III [Page 21]	"Inspection & Quality Control"	-	Clause 3.8.1 & 3.8.2 are to be read together. Thus, while cost of travel, lodging & boarding of Purchaser's representatives to carry out inspections & tests will be borne by the Purchaser, the cost incurred in conducting the requisite inspections & tests to confirm the conformity of the equipment/ instrument to the contract specifications and other quality control requirements will be borne by the Supplier.
77.	Annexure - 1 (Technical Specification of Equipment/ Instrument)	"All essential spares and accessories to be quoted for operating the instrument for 5 years." - wherever included	-	"All essential spares and accessories should not be quoted separately", however, these are to be considered as part of warranty maintenance & CCAMC maintenance [Ref.

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				clause 4.11 & 4.12, Section - IV]
78.	Clause 4.3.3 (ii) Section - IV, [Page 29]	" Shipment of the items (import of items, in case of foreign supply)"	-	The tender is for supply of equipment/ instrument on door delivery basis. Hence, Supplier has to import the same in his own name, carry out customs clearance including payment of Custom Duty (which is reimbursable), arrange for insurance, transportation, receipt at site, etc.
79.	Clause 2.37.1, Section II [Page 19]	"Integrity Pact"	-	Please sign a pre-bid, pre-contract Agreement called the Integrity Pact as per the format given in Form -11 of Section IX with the purchaser before submitting tenders at least two days prior to the last date for submission of tenders. For this purpose, please send a letter or fax well in advance seeking a convenient date and time. Refer clear to Clause 2.37.1, which is amply.

AM