

**e-Tender Nos. 10(AS)/2017 to 14(AS)/2017 for supply, installation and commissioning of equipment/ instruments for laboratories of Customs & Central Excise /
Royal Government of Bhutan**

Minutes and clarifications of pre-bid conference held on 17.07.2017

F. No. 441/25/DL(AS) 2014/Pt./Vol.I

Dated: 21 July, 2017

Subject: e-Tender Nos. 10(AS)/2017 to 14(AS)/2017 for supply, installation and commissioning of equipment/ instruments for laboratories of Customs & Central Excise / Royal Government of Bhutan - reg.

Venue: Conference Room, LPAI, 1st Floor, Lok Nayak Bhawan, New Delhi.

Date and time: 17.07.2017 at 1600 hours.

Pursuant to opening of bids online at e-procure portal on 31.05.2017 in respect of e-Tender No. 01(AS)/2017 (Tender ID: 2017_DREV_190716_2), e-bids have been re-invited on 04.07.2017 for the following equipment/ instruments:-

e-Tender No. published on 04.07.2017	Tender ID	Equipment/Instrument
10(AS)/2017	2017_DREV_219023_1	Gas Chromatograph (GC) Sl. No. 3 of e-Tender No. 01(AS)/2017
11(AS)/2017	2017_DREV_219052_1	HP Liquid Chromatograph Sl. No. 4 of e-Tender No. 01(AS)/2017
12(AS)/2017	2017_DREV_219073_1	HPTLC-MS System Sl. No. 8 of e-Tender No. 01(AS)/2017
13(AS)/2017	2017_DREV_219083_1	ICP-Mass Spectrometer Sl. No. 10 of e-Tender No. 01(AS)/2017
14(AS)/2017	2017_DREV_219104_1	Liquid Chromatograph Mass Spectrometer (LCMS/MS) Sl. No. 11 of e-Tender No. 01(AS)/2017

2. A Pre-bid conference was held on 17.07.2017 at 1600 hours in the Conference room of Land Port Authority of India, 1st Floor, Lok Nayak Bhawan, Khan Market, 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 Sh. Sandeep Prakash, Commissioner, Directorate of Logistics and the following officials attended the meeting:

Sl. No.	Name (S/Sh./Dr./Ms./Smt.)	Organization
1.	D. B. Arora	Additional Commissioner, Directorate of Logistics
2.	T. A. Sreenivasa Rao	Joint Director, CRCL, New Delhi
3.	A. K. Saxena	General Manager (Commercial), CCF, New Delhi
4.	V. Suresh	Joint Director, CH Laboratory, Chennai
5.	D. S. Rana	Ex-Outstanding Scientist BARC & Consultant, Directorate of Logistics, New Delhi
6.	S. L. Meena	Deputy Commissioner, Directorate of Logistics
7.	J. K. Sharma	Superintendent, Directorate of Logistics

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

Sl. No.	Name (S/Sh/Dr/Ms)	Represented by
1.	Mukesh Saw	M/s PCI Analytical Pvt. Ltd., Mumbai
2.	Sunil Kumar	M/s PCI Analytical Pvt. Ltd., Mumbai
3.	Lalit Kumar	M/s Water India Pvt. Ltd., New Delhi
4.	Rahul Dev	M/s Spinco Biotech Pvt. Ltd., New Delhi
5.	Rajkumar Kashyap	M/s Spinco Biotech Pvt. Ltd., New Delhi
6.	P. S. Prasad	M/s Analytical Technologies Pvt. Ltd., Vadodara
7.	Rakesh Ranjan	M/s Anchrome Enterprises, Mumbai
8.	Sonu Rana	M/s Analytical Technologies Pvt. Ltd., Vadodara
9.	Sudip Neogi	M/s Hydrocarbon Solutions (India) Pvt. Ltd, New Delhi

4.1 Commissioner (Logistics) 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 11.07.2017 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 two firms:-

- I. M/s Hydrocarbon Solutions (India) Pvt. Ltd., Bangalore.
- II. M/s Spinco Biotech Pvt. Ltd., New Delhi.

4.2 All queries were thereafter taken up for clarification and answered one by one by the official side.

4.3 Additional queries raised by the bidders, viz., M/s Waters India Pvt. Ltd., New Delhi during the pre-bid meeting of 17th July, 2017, given in written format after the pre-bid meeting, and clarifications with regard to the queries received on-line are tabulated and enclosed as **Annexure -A**. The respective Tender conditions stand modified to the extent mentioned therein, wherever applicable.

5. The participants were reminded that the closing date for online submission of bids is 03.08.2017 at 1300 hours as indicated in the tender documents. The opening would be on 04.08.2017 at 1500 hours online at e-procure portal <http://eprocure.gov.in>.

6. Commissioner, Directorate of Logistics stated that it is the endeavor of this Directorate to have maximum participation in this tender and accordingly, exhorted all the present participants to submit their most competitive bids.

GNIT e-Tender Nos. 10(AS)/2017, 11(AS)/2017, 12(AS)/2017, 13(AS)/2017 & 14(AS)/2017 dated 04.07.2017
for Supply, Installation and Commissioning of Equipment/ Instruments for Laboratories of CBEC, GoI & Royal Government of Bhutan
Clarifications to pre-bid queries in the meeting held on 17.07.2017

Sl. No	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DOL
GAS CHROMATOGRAPH (GC) (TENDER NO. 10(AS)/2017)				
I. HYDROCARBON SOLUTIONS (INDIA) PVT. LTD.				
<u>Commercial Clarifications</u>				
1.	Clause 7.6, Section VII [Page 36]	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.	Kindly amend this clause so that vendor is allowed to submit certified annual reports of past three years from April 2013 to March 2016. This is so annual audit of all companies are not yet over and as per Government norms we need to complete this formality by 30September. Since as per Sec.96: of Companies Act 2013: Every company other than a One Person Company shall in each year hold in addition to any other meetings, a general meeting as its annual general meeting and shall specify the meeting as such in the notices calling it, and not more than fifteen months shall elapse between the date of one annual general meeting of a company and that of the next: Provided that in case of the first annual general meeting, it shall be held within a period of nine months from the date of closing of the first financial year of the company and in any other	<i>Accepted. Annual Reports for FY 2013-14, 2014-15 and 2015-16 may be submitted. The subject clause stands modified accordingly.</i>

			case, within a period of six months, from the date of closing of the financial year : Presently we can submit our certified annual statements upto March 31, 2016 only.	
2.	Clause 2.12.5 Section -II [Page 10]	Centralized Comprehensive Annual Maintenance charges for post-warranty maintenance shall include the cost of spare parts / consumable that will be required to be replaced, inclusive of taxes and duties on such spare parts/ consumables. Service tax/ education cess on the contract charges shall be mentioned separately. Only service tax/ education cess will be reimbursed as per actual.	To comply and supply necessary spares & consumables during warranty as well as Centralized Comprehensive Annual Maintenance contract period kindly inform us the number of samples that will be approximately analyzed every year per instrument. Also please confirm that consumables like Printer Cartridges, refilling of gas cylinders will not be under scope of CCAMC	<i>Approximately 1200 samples would be analyzed in a year per unit.</i> <i>Printer cartridge and refilling gas cylinders will be replenished by the Purchaser.</i>
Technical Clarifications				
3.	Annexure - I [Page-62] Annexure - II [Page-65]	<u>GC System:</u> • The instrument should have back flush facility.	Kindly clarify what is this option.	<i>After the compounds of interest have been eluted from the GC column the remaining compounds in the column have to be flushed back through the injector port instead of the detector. For this purpose back flush facility is required.</i>
4.		<u>Oven:</u> • Temperature range: Ambient to 450°C.	Kindly amend this clause to read as "Ambient + 4 deg C to 450 deg C" as it is not possible to heat from the ambient conditions.	<i>May be read as "Ambient +3deg C and above to 450 deg C" instead of "Ambient to 450°C".</i>

Sl. No	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DOL
HIGH PERFORMANCE LIQUID CHROMATOGRAPH (HPLC) (TENDER NO. 11(AS)/2017)				
II. SPINCO BIO-TECH PVT. LTD.				
<u>Commercial Clarifications</u>				
5.	Clause 2.37 Section - II [Page 17]	<u>Pre-integrity pact:</u> Prospective tenderers have to 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 their tenders.	We have earlier submitted integrity pact dated: 09-May 2017 during previous tender Ref No: 01(AS)/2017 dated 31.03.2017. Shall we use the same for this tender or necessary to submit again?	<i>Fresh pre-contract integrity pact will have to be signed.</i>
<u>Technical Clarifications</u>				
6.	Annexure - I & II [Page 62 & 65]	<u>Detectors: Diode Array Detector</u> Noise: 10 ⁻⁵ AU or lower	Please consider to mention 0.3X10 ⁻⁵ AU The decimal of noise level X 10 ⁻⁵ AU to be mentioned. The noise level should be as low as possible.	Amended to "1x10 ⁻⁵ AU or lower" instead of "10 ⁻⁵ AU or lower".
7.	Annexure - I & II [Page 62 & 65]	<u>Detectors: Diode Array Detector</u> Drift:1X10 ⁻⁴ AU/hour	Please consider 5X10 ⁻⁴ AU/hour Usually Drift is optimized to the relevant detector and noise level. Drift of our PDA detector is 500X10 ⁻⁶ which is equivalent 5X10 ⁻⁴ AU which is as per ASTM.	Amended to "5X10 ⁻⁴ AU/hour" instead of "1X10 ⁻⁴ AU/hour
III. HYDROCARBON SOLUTIONS PVT. LTD.				
<u>Commercial Clarifications</u>				
8.	Clause 7.6 [Page 34]	Page No. 34, Clause 7.6 It states that : Average annual turnover of theTenderer/OEM should be at least Rs. 5crores during last three financial years i.e.April 2014 to March 2017 and should have made profit	Kindly amend this clause so that vendor is allowed to submit certified annual reports of past three years from April 2013 to March 2016. This is so annual audit of all companies are not yet over and as per Government norms we need to complete this	<i>Accepted. Annual Reports for FY 2013-14, 2014-15 and 2015-16 may be submitted. The subject clause stands modified accordingly.</i>

		(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>formality by 30th September. Since as per Sec.96: of Companies Act 2013:</p> <p>Every company other than a One Person Company shall in each year hold in addition to any other meetings, a general meeting as its annual general meeting and shall specify the meeting as such in the notices calling it, and not more than fifteen months shall elapse between the date of one annual general meeting of a company and that of the next:</p> <p>Provided that in case of the first annual general meeting, it shall be held within a period of nine months from the date of closing of the first financial year of the company and in any other case, within a period of six months, from the date of closing of the financial year :</p> <p>Presently we can submit our certified annual statements upto March 31st, 2016 only.</p>	
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Technical Clarifications

9.		<p>1. Page 10, clause 2.12.5</p> <p>It states that Centralised Comprehensive Annual Maintenance charges for post-warranty maintenance shall include the cost of spare parts / consumable that will be required to be replaced, inclusive of taxes and duties on such spare parts/ consumables. Service tax/education cess on the contract charges shall be mentioned separately. Only service tax/education cess will be reimbursed as per actual</p>	<p>To comply and supply necessary spares & consumables during warranty as well as Centralised Comprehensive Annual Maintenance contract period kindly inform us the number of samples that will be approximately analyzed every year per instrument.</p> <p>Also please confirm that consumables like Printer Cartridges will not be under scope of CCAMC</p>	<p><i>Approximately 1200 samples would be analyzed in a year per unit.</i></p> <p><i>Printer cartridge and gases in the cylinders once consumed will be replenished by the Purchaser.</i></p>
10.		<p>I. Solvent Delivery System,</p> <p>Point no. 8 states that Programmable gradient profile with more than 5 types of gradient</p>	<p>Kindly amend this clause to read as "Gradient profile with Linear Curve"; as Agilent cannot provide 5 types of gradient.</p>	<p>Tender specification remains unchanged.</p>

Sl. No	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DOL
INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (ICP-MS) (TENDER NO. 13(AS)/2017)				
IV. HYDROCARBON SOLUTIONS (INDIA) PVT. LTD.				
<u>Commercial Clarifications</u>				
11.	Clause 7.6, Section VII [Page 33]	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.	Kindly amend this clause so that vendor is allowed to submit certified annual reports of past three years from April 2013 to March 2016. This is so annual audit of all companies are not yet over and as per Government norms we need to complete this formality by 30 September. Since as per Sec.96: of Companies Act 2013: Every company other than a One Person Company shall in each year hold in addition to any other meetings, a general meeting as its annual general meeting and shall specify the meeting as such in the notices calling it, and not more than fifteen months shall elapse between the date of one annual general meeting of a company and that of the next: Provided that in case of the first annual general meeting, it shall be held within a period of nine months from the date of closing of the first financial year of the company and in any other case, within a period of six months, from the date of closing of the financial year : Presently we can submit our certified annual statements upto March 31, 2016 only.	<i>Accepted. Annual Reports for FY 2013-14, 2014-15 and 2015-16 may be submitted. The subject clause stands modified accordingly.</i>

12.	Clause 2.12.5 Section -II [Page 10]	Centralised Comprehensive Annual Maintenance charges for post-warranty maintenance shall include the cost of spare parts / consumable that will be required to be replaced, inclusive of taxes and duties on such spare parts/ consumables. Service tax/ education cess on the contract charges shall be mentioned separately. Only service tax/ education cess will be reimbursed as per actual.	To comply and supply necessary spares & consumables during warranty as well as Centralised Comprehensive Annual Maintenance contract period kindly inform us the number of samples that will be approximately analyzed every year per instrument. Also please confirm that consumables like Printer Cartridges, refilling of gas cylinders will not be under scope of CCAMC	<i>Approximately 1200 samples would be analysed in a year per unit.</i> <i>Printer cartridge and gases in the cylinders, once consumed, will be replenished by the Purchaser.</i>
Technical Clarifications				
13.	Annexure - I [Page-61]	<u>Quadrupole:</u> • The Dwell time should be as short as 0.1 ms for fastest settling.	Kindly amend this clause to read as “.....The Dwell Time should be as short as 3 ms Or better for fast settling”.	The requirement may be read as “Dwell time should be as short as 3 millisecond or better.”
14.	Annexure - I [Page-61]	<u>No gas mode Sensitivity (Kcps/ppm):</u> • U (238) - 300 or better	Kindly amend this clause as “... U(238)- 100 or better”.	The requirement may be read as “U(238) - 100 or better”
15.	Annexure - I [Page-61]	<u>Collision Cell Technology:</u> • ... The Reaction cell System must work Low & High Mass cut off using the Quad scanner & allowing only a specific m/z ratio Ion to be ejected from the reaction cell.	Kindly delete this line as it is specific to a particular Vendor.	The requirement may be read as “...The Reaction cell System must work Low & High Mass cut off.”

Sl. No	Tender Clause & Page No.	Tender requirement	Query of the Firm	Response of DOL
LIQUID CHROMATOGRAPH MASS SPECTROMETER (LCMS/MS) (TENDER NO. 14(AS)/2017)				
V. HYDROCARBON SOLUTIONS (INDIA) PVT. LTD.				
<u>Commercial Clarifications</u>				
16.	Clause 7.6, Section VII [Page 33]	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.	Kindly amend this clause so that vendor is allowed to submit certified annual reports of past three years from April 2013 to March 2016. This is so annual audit of all companies are not yet over and as per Government norms we need to complete this formality by 30 September. Since as per Sec.96: ofCompanies Act 2013: Every company other than a One Person Company shall in each year hold in addition to any other meetings, a general meeting as its annual general meeting and shall specify the meeting as such in the notices calling it, and not more than fifteen months shall elapse between the date of one annual general meeting of a company and that of the next: Provided that in case of the first annual general meeting, it shall be held within a period of nine months from the date of closing of the first financial year of the company and in any other case, within a period of six months, from the date of closing of the financial year : Presently we can submit our certified annual statements upto March 31, 2016 only.	<i>Accepted. Annual Reports for FY 2013-14, 2014-15 and 2015-16 may be submitted. The subject clause stands modified accordingly.</i>

17.	Clause 2.12.5 Section -II [Page 10]	Centralised Comprehensive Annual Maintenance charges for post-warranty maintenance shall include the cost of spare parts / consumable that will be required to be replaced, inclusive of taxes and duties on such spare parts/ consumables. Service tax/ education cess on the contract charges shall be mentioned separately. Only service tax/ education cess will be reimbursed as per actual.	To comply and supply necessary spares & consumables during warranty as well as Centralised Comprehensive Annual Maintenance contract period kindly inform us the number of samples that will be approximately analyzed every year per instrument. Also please confirm that consumables like Printer Cartridges, refilling of gas cylinders will not be under scope of CCAMC.	Approximately 1200 samples would be analysed in a year per unit. Printer cartridge and gases in the cylinders, once consumed, will be replenished by the Purchaser.
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Technical Clarifications

18.	Annexure - I [Page-61]	<u>I Solvent Delivery system:</u> • Programmable gradient profile with more than 5-types of gradient program.	Kindly amend this clause to read as "Gradient profile with Linear Curve"; as Agilent cannot provide 5 types of gradient.	Tender specification remains unchanged
19.	Annexure - I [Page-62]	<u>VIII Library:</u> • Standard library for drugs of abuse, Metabolite identification software for drugs of abuse and narcotics.	Please note that for LCMSMS there will be MRMD database and not library for drug abuse. Library is available for scanning instruments like TOF, QTOF. Also the metabolite identification software is meant for accurate mass system like QTOF.	It is acceptable.

VI. SPINCO BIOTECH PVT. LTD.

Technical Clarifications

20.		<u>Flow Accuracy:</u> ± 0.1% for entire flow range.	± 1% for entire flow range. Flow accuracy directly depends on the plunger/piston stroke volume. The UHPLC pumps should deliver the volume correctly or precisely to set the value. Flow accuracy of 0.1% specification floated in the tender is corresponding to the entire flow range of 0.01	The requirement may be read as "± 1% for entire flow range."
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			ml/min to 2 ml/min. Flow accuracy of 0.1% at 0.1 ml/min corresponds to 100 nanolitre/min of correctness. There are no standard guidelines or established protocols to verify such low volume accuracy on-sight. Our UHPLC pump plunger stroke volume of 10µl with accuracy of ± 1% which is industries best and offered by all the leading vendors. All the vendors offers ± 1% flow accuracy using the plunger capacity of 10µl for its confirmatory purposes.	
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VII. WATERS INDIA PVT. LTD.

Commercial Clarifications

21.	Clause 2.14.1, Section II [Page 11]	Payment Terms	Please mention LC payment terms 80% against shipping documents 20% against installation	Tenders terms and conditions remain unchanged.
22.	Clause 3.5.1, Section III [Page 18]	Performance Security	PBG submission period of 21 days should be extended to 40 days.	Tenders terms and conditions remain unchanged.
23.	Clause 3.14.5, Section III [Page 20]	Warranty	Two years spares warranty should not be extended further. As full system is for the warranty period of 2 years.	Tenders terms and conditions remain unchanged.

Technical Clarifications

24.	Annexure 1 [Page 61]	<u>MS Specifications:</u> <ul style="list-style-type: none"> • Ion Source: dedicated ESI and APCI with desolvation temperature more than 350 deg C. • ESI scan sensitivity (positive ion): 1 pg/µl of reserpine on column should give 10000:1 signal to noise ratio or higher. 	<p>Ion source: Combined ESI and APCI with desolvation temperature more than 600 deg C.</p> <p>ESI scan sensitivity (positive ion): Should be 30000:1 signal to noise ratio.</p>	<p>Tenders terms and conditions remain unchanged.</p> <p>Tenders terms and conditions remain unchanged.</p>
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