

Corrigendum No: 1 Issued on 13/12/2013

Ref: Tender Enquiry No: HLL/PCD/CCRS-01/13-14 Dated: 21.11.2013

The following amendments are issued with respect to the above tender Enquiry Document.

Section I, Notice Inviting Tenders (NIT)

FOR:

- (1) Procurement & Consultancy Services Division of HLL Lifecare Ltd, for and on behalf of Central Council for Research in Siddha (CCRS) invites sealed tenders, from eligible and qualified tenderers for supply of following equipment for Central Council for Research in Siddha (CCRS) located in Chennai :

SI.No	Item Description	Qty. (Nos.)	EMD (Rs)
1	High Performance Thin Layer Chromatography (HPTLC)	1	2,50,000

READ AS:

- (1) Procurement & Consultancy Services Division of HLL Lifecare Ltd, for and on behalf of Central Council for Research in Siddha (CCRS) invites sealed tenders, from eligible and qualified tenderers for supply of following equipment for **Siddha Central Research Institute** under Central Council for Research in Siddha (CCRS) located in Chennai & **Regional Research Institute of Unani Medicine under Central Council for Research in Unani Medicine (CCRUM)** located in Chennai :

SI.No	Item Description	Qty. (Nos.)	Total Qty. (Nos.)	EMD (Rs)	
1	Fully Automated Gradient High Performance Thin Layer Chromatography (HPTLC)	HPTLC-A	2	3	7,50,000
		HPTLC-B	1		

Section –II, General Instructions to Tenderers (GIT)

FOR:

41. Notification of Award

41.1 Before expiry of the tender validity period, the purchaser will notify the successful tenderer(s) in writing, by registered / speed post or by fax/ telex/cable (to be confirmed by registered / speed post) that its tender for goods & services, which have been selected by the purchaser, has been accepted, also briefly indicating therein the essential details like description, specification and quantity of the goods & services and corresponding prices accepted. The successful tenderer must furnish to the purchaser the required performance security within thirty days from the date of dispatch of this notification, failing which the EMD will be forfeited and the award will be cancelled. Relevant details about the performance security have been provided under GCC Clause 5 under Section IV.

READ AS:

41. Notification of Award

41.1 Before expiry of the tender validity period, the purchaser will notify the successful tenderer(s) in writing, by registered / speed post or by fax/ telex/cable (to be confirmed by registered / speed post) that its tender for goods & services, which have been selected by the purchaser, has been accepted, also briefly indicating therein the essential details like description, specification and quantity of the goods & services and corresponding prices accepted. The successful tenderer must furnish to the purchaser the required performance security within fifteen days from the date of dispatch of this notification, failing which the EMD will be forfeited and the award will be cancelled. Relevant details about the performance security have been provided under GCC Clause 5 under Section IV.

Section –VI, List of Requirements

FOR:

Part I:

SI.No	Item Description	Qty. (Nos.)	EMD (Rs)
1	High Performance Thin Layer Chromatography (HPTLC)	1	2,50,000

READ AS:

Part I:

SI.No	Item Description	Qty. (Nos.)	Total Qty. (Nos.)	EMD (Rs)	
1	Fully Automated Gradient High Performance Thin Layer Chromatography (HPTLC)	HPTLC- A	2	3	7,50,000
		HPTLC- B	1		

FOR:

Part II: Consignee:

1)

The Director, Central Council for Research in Siddha, Department of AYUSH, Ministry of Health & Family Welfare, Govt. of India, SCRI Building, Anna Govt. Hospital Campus, Arumbakkam, Chennai-600 106

READ AS:

Part II: Consignee:

	Consignee Details	Quantity (Nos.)	Total Quantity (Nos.)
HPTLC- A	The Director, Siddha Central Research Institute Under Central Council for Research in Siddha, Department of AYUSH, Ministry of Health & Family Welfare, Govt. of India, SCRI Building, Arignar Anna Govt. Hospital Campus, Arumbakkam, Chennai-600 106	1	3
	The Director, Siddha Central Research Institute Under Central Council for Research in Siddha, Department of AYUSH, Ministry of Health & Family Welfare, Govt. of India, Trivandrum, Kerala	1	
HPTLC- B	The Research Officer Incharge (Scientist-3), Regional Research Institute of Unani Medicine under Central Council for Research in Unani Medicine, Department of AYUSH, Ministry of Health & Family Welfare, Govt. of India, West Madha Church Road,Royapuram, Chennai-600 013	1	

Section –VII, Technical Specifications

FOR:

“Fully Automated Gradient High Performance Thin Layer Chromatography (HPTLC) System “

READ AS:

Specification for HPTLC-A: Fully Automated Gradient High Performance Thin Layer Chromatography (HPTLC) System

ADDED:

Specification for HPTLC-B: Fully Automated Gradient High Performance Thin Layer Chromatography (HPTLC) System

S.No	DETAILS OF THE INSTRUMENT/ACCESSORIES	QTY REQUIRED IN NO.
1	AUTOMATIC TLC SAMPLER Fully automatic TLC Sample Applicator, PC control or stand alone mode. Application of samples as spots, bands or rectangles. Application of sample solutions onto any planner medium. Application of sample volume - 0.1 to 5 microlitre by contact transfer. Application of sample volume - 0.5 to > 50	1

	<p>microlitre by spray on technique. Facility for sequential application of the sample from different vials into the same position. IQ/OQ/PQ Documents. Syringe cleaning automatic and programmable. Complete with instrument cover. Sample racks for 66 standard 2 mL vials (12 x 32mm), Link to System Manager. With startup requirements. Software essential. Equilink ATS 4 and WinCATS.</p> <p>All consumable/spares of Automatic TLC sampler for smooth running of the system for 2 years should be provided separately.</p>	
2	<p>PLANAR CHROMATOGRAPHY SYSTEM MANAGER</p> <p>The latest version software to control, interlink, documentation of HPTLC analysis by linking all electronic instruments. Single keyboard control 32 bit architecture. Windows XP based, built in tutorials, full method documentation.</p>	1
3	<p>SEMIAUTOMATIC SAMPLE APPLICATOR</p> <p>Spray on, 4 pattern applicator – quantitative analysis, micro-preparative, in-situ and superimpose. 10 method memory storage, stand alone or PC control. Sample positioning on X & Y axis freely. Selectable, variable rate of delivery, accept 100 microlitre and 500 microlitre syringes. Self diagnostic and validation. Link to system manager built-in</p>	1
4	<p>GRADIENT AUTOMATIC MULTIPLE DEVELOPMENT CHAMBER</p> <p>PC controlled unit comprising chromatogram developing chamber and control module. Minimum five or more solvent system should accommodate simultaneously for elution in gradient mode. Drying time selectable. Gas phase equilibration after every step. Gradient and developing distance for each run should be monitored through software by CCD. Resolution for gradient elution system should be as peak width 1 mm. Validation software + self diagnostics built-in. V connector. Link to System Manager available (vacuum pump required). Software essential. Equilink AMD 2 and WinCATS.</p> <p>All consumables/spares of Gradient Automatic multiple development chamber for smooth running of the system for 2 years must be provided separately</p>	1
5	<p>CHROMATOGRAPHY VISUALIZATION/DERIVATIZATION SYSTEM</p> <p>High tech UV cabinet should be with dual wavelength 254 nm and 366 nm. Visible light protection for viewers eye, skin with good illumination. Auto switch off after 10 min. Dipping chamber for post chromatography derivatization and uniform derivatization for quantification.</p>	1
6	<p>PHOTODOCUMENTATION SYSTEM</p> <p>Camera 12 bit CCD, high resolution industrial camera with system software controlled. Images of the highest quality. Fixed focus for total reproducibility. True colours capture. Very linear response. Individually calibrated. Auto image optimization. Digital image evaluation. Proper storage of the image and analysis of the image with printable format in colour laser jet printer. Image comparison image enhancer. IQ/OQ/PQ Documents.</p>	1
7	<p>TLC SCANNER WITH DATA EVALUATION DENSITOMETER</p>	1

	<p>Computer controlled Scanner / Densitometer for automatic spectrum scanning for identification and purity check. Automatic quantitative measurement modes (reflection, absorbance, fluorescence and transmission). All TLC / HPTLC plate sizes acceptable.</p> <p>Easy to load plate. Small footprint.</p> <p>Pilot lamp and compartment illumination: Automatic white light illumination in switch on condition and scanning compartment illumination with 4 watt fluorescent tube UV 254 nm replaceable by UV 366 nm or a white light tube.</p> <p>Monochromator with concave holographic grating, 1200 lines/mm, band with selectable 5 or 20 nm, wavelength range 190-900 nm; monochromator driven by stepper motor, reproducibility of wavelength setting better than 0.2 nm, accuracy better than 1nm; connector for flushing with nitrogen.</p> <p>Automatic selection of measurement modes. Object formats upto 200 x 200 mm. Spectral range 190 to 900 nm. Object formats upto 200 x 200 mm. Automatic start of all lamps like deuterium, halogen-tungsten, high pressure mercury lamp. Data step resolution – upto 25 µm. Scanning speed 1 – 100 mm/s. Spectrum recording upto 100 nm/s.</p> <p>All consumables/spares of densitometric scanner for smooth running the system for 2 years should be provided separately.</p>	
8	<p>DATA EVALUATION OF DENSITOMETER SYSTEM</p> <p>Software should control the scanner and processes data as - Built in self diagnostic. Easy graphic, automatic recording of spectra, multiple wavelength scan, colour plots of data. Automatic video integration, auto baseline correction, spot check facility, 3D display with data storage. Quantitative evaluation-Calibration-single/multilevel with linear or non-linear regression using internal or external standards. Statistical evaluation of the data. Sub-component evaluation, impurities calculation as per US or European pharmacopoeias. Track optimization Spectrum library creation, library spectra search with reference spectrum/chromatogram of suitable 1000 item. Lamp life evaluation. Validation qualification software, GLP/GMP and CFR 21 part 11 compliance. Software should be latest version and future upgradable free of cost. IQ/OQ/PQ Documents.</p>	1
9	<p>TLC/HPTLC PLATE HEATER</p> <p>Temperature range 25-200°C</p>	1
10	TLC PLATE CUTTER	1
11	DIP TANK 20 CM X 10 CM WITH LID	2
12	CHROMATOGRAM DEVELOPMENT DEVICES WITH LID	
	Twin trough chamber 20x20 cm plate	1
	Twin trough chamber 20x10 cm plate	2
	Twin trough chamber 10x10 cm plate	4

13	Require data station (PC) latest version, colour laser printer, LED monitor with 20 inch and CPU with higher memory capacity should be supplied (HP/IBM/Dell make) by HPTLC manufacturer, with original Operating System compatible for the HPTLC software	1
14	2 years warranty of the full system should be provided and 3 years of CMC after warranty period	
15	The instrument should be ISO 9001/GLP/GMP/CE/CFR compliance	
16	On site calibration with traceable reference material by the supplier on installation and then after every six months during warranty and CMC period	
17	All specification should be supported by printer literature of the manufacturer only	
18	Two scientist should be trained in analysis of drugs	

Section –XXI, Consignee Details

FOR:

Contact Address.
The Director, Central Council for Research in Siddha, Department of AYUSH, Ministry of Health & Family Welfare, Govt. of India, SCRI Building, Anna Govt. Hospital Campus, Arumbakkam, Chennai-600 106

NB: The consignee will ensure timely issue of NMIC, CDEC, Octroi Exemption Certificates & Entry Tax Exemption Certificates, wherever applicable, to the suppliers

READ AS:

	Contact Address
HPTLC- A	The Director, Siddha Central Research Institute Under Central Council for Research in Siddha, Department of AYUSH, Ministry of Health & Family Welfare, Govt. of India, SCRI Building, Arignar Anna Govt. Hospital Campus, Arumbakkam, Chennai-600 106
	The Director, Siddha Central Research Institute Under Central Council for Research in Siddha, Department of AYUSH, Ministry of Health & Family Welfare, Govt. of India, Trivandrum, Kerala

	Contact Address
HPTLC- B	The Director, Regional Research Institute of Unani Medicine under Central Council for Research in Unani Medicine, Department of AYUSH, Ministry of Health & Family Welfare, Govt. of India, West Madha Church Road,Royapuram, Chennai-600 013

NB: The consignee will ensure timely issue of NMIC, CDEC, Octroi Exemption Certificates & Entry Tax Exemption Certificates, wherever applicable, to the suppliers

All other contents of the Tender Enquiry Document including terms and conditions of the tender enquiry remain unchanged.

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