

Amendment No. 2**Date: 06/02/2019****Sub: Amendment to the Tender Enquiry Document.****Ref: Tender Enquiry No.: HITES/PCD/NIB-01/18-19 dated 21.12.2018.**

The following changes are being incorporated in the referred tender enquiry.

SECTION I
NOTICE INVITING TENDERS (NIT)**FOR:**

Sl. No.	Description	Schedule
c	Closing date & time for submission of tender fee and EMD in physical form	08.02.2019, 1400 Hrs. (IST) Bidders have to submit Original Bank Instruments viz. DD/BC/BG of tender fee and EMD within the above mentioned date and time
d	Closing date & time for submission of online bids	08.02.2019 at 1300 hrs. (IST)
e	Time, date of e-tender opening of online bids	08.02.2019, 1430 Hrs.(IST)

READ AS:

Sl. No.	Description	Schedule
c	Closing date & time for submission of tender fee and EMD in physical form	18.02.2019, 1400 Hrs. (IST) Bidders have to submit Original Bank Instruments viz. DD/BC/BG of tender fee and EMD within the above mentioned date and time
d	Closing date & time for submission of online bids	18.02.2019 at 1300 hrs. (IST)
e	Time, date of e-tender opening of online bids	18.02.2019, 1430 Hrs.(IST)

SECTION VII-Technical Specifications

Item no.1 HPLC System			
S. No.	Tender Page No. & Para	TENDER SPECIFICATION	READ AS
	2	Solvent System & Pump (Quaternary Gradient):	
1	pg 44 2.5	Maximum operating pressure : 8500 psi or more	Maximum operating pressure : 5000 psi or more
2	pg 44 2.10	Dwell volume (Total system) : ≤1ml	Dwell volume (Total system) : ≤1.2ml
3	pg 44 2.11	The pump should have GLP features like maintenance feedback for continuous tracking of instrument usage with user settable limits and feedback messages	Deleted
	3	Autosampler with Thermostat:	
4	pg 44 3.2	Maximum operating pressure : 8500 psi or more	Deleted
5	pg 44 3.4	Sample delivery precision : <0.25% RSD or more	Sample delivery precision : <0.5% RSD or more
	4	Column Compartment	
6	pg 44 4.2	Temperature Range : Up to 80°C	Temperature Range : 60°C or more
	5	PD/DAD Detector:	
7	pg 45 5.4	Diode Width/Resolution : <1.2nm	Diode Width/Resolution : ≤1.2nm
8	pg 45 5.10	Light source : D2 lamp & Tungsten Lamp	Light source : D2 lamp and/or Tungsten Lamp
9	pg 45 5.12	Flow cell volume : 1.0 µl	Flow cell volume : 1.0 µl or better
Item no.1 UPLC			
	2	Solvent System (Quaternary Gradient)	
1	pg 48 2.6	Flow rate range : Upto 5.000 mL/min. in 0.001mL/min.	Flow rate range : 0 - 20 mL/min. or more in 0.001mL/min. increment
2	pg 48 2.10.	Maximum Operating Pressure : 15000-18000 psi at 0-2 mL/min	Maximum Operating Pressure : 15000 psi or more at 0-1 mL/min
	3	Auto Sampler	
3	pg 48 3.1	Number of sample vials : upto 400	Number of sample vials : 90 or more
	5	UV-Visible Detector	
4	pg 49 5.1	Wavelength Range : 190-700 nm	Wavelength Range : 190-600 nm or better
5	pg 49 5.6	Light source : Deuterium and tungsten Arc lamp	Light source : Deuterium and/or tungsten Arc lamp
6	pg 49 5.9	Flow Cell Volume : 0.500uL to 14uL	Flow Cell Volume : 0.500uL or better
	9	The Equipment should be FDA/European CE/BIS Certified.	

7	pg 49	Standards & Safety - Shall meet internationally recognised for electromagnetic compatibility (EMC) for electromedical equipment: 61326-1 - Certified to be compliant with IEC 61010-1, IEC 61010-2-281 -Manufacturer/supplier should have ISO 13485 certificate for quality standard.	Standards & Safety - Whole Equipment should be Certified to be compliant with IEC standards - Manufacturer/supplier should have ISO 13485 certificate for quality standard.
8	pg 49 e	UPLC vials- (Low volume)-1000 No. of auto sampler vials to be provided along with system and UPLC columns too to be provided.	The following type and quantity of columns to be supplied with each unit: C18 : 100 x 25.1 x 1.7 µm - 6 nos. C4: 150 x 4.6 x 3.5 µm - 1 no. SEC: 300 x 4.6 x 4 µm - 1 no. SEC: 300 x 7.8 x 10 µm - 1 no.
Item no.4 ELS Detector			
1	pg 50 3	Temperature Range Drift Tube : 5°C - 100°C in 0.1°C with accuracy of 0.1°C	Temperature Range Drift Tube : from ambient +5°C to 100°C in 0.1°C with accuracy of 0.1°C
2	pg 50 15	Onsite comprehensive training of the lab staff and support service till customer satisfaction	Onsite comprehensive training of the lab staff and support service till all applications are demonstrated to the end user
3	pg 50 18	Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist	Deleted
Item no.6 HPLC System			
1	pg 53 (xiii) 2	Dwell volume (Total system) : <650 700 µl (includes mixer)	Total system volume: 1.2 ml or Dwell volume: <650 - 700 µl (includes mixer)
		UV Detector	
2	pg 53 (i) 4	Wavelength range : 190-700 nm (to cover UV-visual spectrum)	Wavelength range : 190-600 nm or more (to cover UV-visual spectrum)
3	pg 54 V 6	Standards & Safety : Should be FDA/CE/UL approved product, Should meet IEC-60601	Deleted
4	7	Onsite comprehensive training of lab staff and support service till customer satisfaction with system	Onsite comprehensive training of lab staff and support service till all applications are demonstrated to the end user
5	9	Manufacturer Should include IQ/OQ/PQ in their quote	Manufacturer Should include IQ/OQ/PQ for the entire warranty period in their quote
6	12	Log (History) book with instructions for daily, weekly, monthly and quarterly maintenance checklist	Deleted
			Added Para:
			column oven specification:
			column capacity: one, 300 mm column
			temperature range: upto 60 degrees
			temperature accuracy: ± 1.0 degrees

Item no.7 Multi-Mode Detection Micro Plate Reader			
1	Pg 55 Para 1	The system should be quoted with minimum 16 spots at a time to read volume of 2ul or better	The system should be quoted with minimum 16 samples or better at a time to read volume of 2 ul - 5 ul or better
2	Pg 55 Para 1	Wavelength Range: 230-1000 nm or better, tunable in 1.0nm increments or better	Deleted
3	Pg 55 Para 1	Plate formats: 6- to 384 well format	Plate formats: 6- to 384 well format or better
4	Pg 55 Para 1	Temp Control: Temperature range from 4 °C above ambient up to 45 °C or better	Temp Control: Temperature range from 4 °C above ambient up to 42 °C or better
5	Pg 55 Para 1	Require separate PMT's (Photo multiplier Tube) for Fluorescence, Absorbance (photodiode) and Luminescence.	Require separate PMT's (Photo multiplier Tube) for Fluorescence, Absorbance (photodiode) and Luminescence (separate PMT).
6	Pg 55 Para 2 b	Absorbance - Wavelength Range: 230-1000 nm	Absorbance - Wavelength Range: 230-1000 nm tunable in 1.0nm increments or better

SECTION – XII
QUESTIONNAIRE

ADDED AS:

Fill up the Techno-Commercial Compliance Sheet Bid provided in spreadsheet (Excel file) and upload in the C-Folder.

NOTE: The revised Price Schedule is also uploaded on E-procurement system of HLL/HITES at <https://etender.lifecarehll.com/iri/portal>. Bidders are requested to fill the price in the relevant field of revised Format in Excel provided in the e-tendering portal.

All other contents of the tender enquiry including terms & conditions remain unaltered.

Note: Prospective Bidders are also advised to check the website regularly prior to the Closing date and time of online submission of bids