

	<b>Government eProcurement System</b>	<b>Government eProcurement System</b>			
		<b>Published Corrigendum Details</b>			
		Date : 05-Mar-2025 04:36 PM			
		 <a href="#">Print</a>			
<b>Organisation Chain :</b>	Council of Scientific and Industrial Research  CSMCRI-Bhavnagar - CSIR  Purchase-CSMCRI - CSIR				
<b>Tender ID :</b>	2025_CSIR_226202_1				
<b>Tender Ref No :</b>	10-53(14)/24-25/PB/T-91				
<b>Tender Title :</b>	Procurement of HPLC GPC				
<b>Corrigendum Type :</b>	Other				
<b>Corrigendum Document Details</b>					
<b>Corr.No.</b>	<b>Corrigendum Title</b>	<b>Corrigendum Description</b>	<b>Published Date</b>	<b>Document Name</b>	<b>Doc Size(in KB)</b>
1	Specification Amendment	After pre bid revised specification enclosed	05-Mar-2025 04:36 PM	<a href="#">corri.pdf</a> 	1186.92

## **Specification of HPLC and GPC**

### **Solvent Delivery System**

Software controlled, programmable high pressure quaternary gradient pumping system with dual pistons for high flow rate accuracy and precision.

Convenient access to four solvents for isocratic, gradient analysis and flow programming

Flow range 0.01 to 10.00 ml mL/min (or more) in 0.01 ml increments.

Flow accuracy  $\pm 1.0\%$  or better

Flow precision  $\pm 0.07\%$  or better

Maximum pressure 7000 psi or better

Eluents composition range 0.1-100% programmable in 0.1% increments individually for all eluents

Eluents compositional accuracy  $\pm 0.5\%$  or better

Programming and control through local keypad or through HPLC software.

In-built safety features like leak sensor, high pressure and solvent level control that prevents the pump from running dry.

### **Degasser**

In-line vacuum degassing system for 4 channels

chemical inert wetted parts: PEEK

Access to four solvents for maximum versatility.

indication for vacuum/leak

### **Column oven**

Peltier heating and cooling from 10°C below ambient upto 80 °C.

Temperature accuracy :  $\pm 0.8$  °C

Column housing capacity : minimum 2 columns of 30 cm length simultaneously

### **Autosampler**

Completely software controlled

No. of samples: 120 or higher

Sample vial capacity: 1.5 ml / 2 ml

Sample vial Quantity : 1000 nos.

Injection volume range 0.1  $\mu$ l to 100  $\mu$ l

Injection volume accuracy  $\pm 1\%$

Injection volume precision 0.25% or better

Thermostating temperature range from 4°C to 40 °C with Peltier attachment

### **Photodiode array detector**

1024 element diode array

Spectral bandwidth 1.2 nm or better

Wavelength range : 190 – 800 nm

Wavelength accuracy  $\pm 1$ nm, self-calibration

Signal range : 0-2 absorbance units

Data acquisition rate : 100 Hz or better

Noise :  $7 \times 10^{-6}$  AU at 254 nm or better

Drift :  $1 \times 10^{-3}$  AU/hr at 254 nm or better

10mm flow cell compatible to delivery pressure and flow

Wetted parts PEEK

lamp optimization through software for consistent sensitivity throughout lamp life.

Time programmable: wavelength, polarity, peak width, spectral bandwidth, wavelength range, threshold and spectra storage mode.

Safety : extensive diagnostics, error detection and display, leak detection, safe leak handling, leak output signal for shutdown of pumping system.

**RID detector.**

- Refractive index range: 1.00 – 1.75 RIU
- Measurement range:  $\pm 500 \times 10^{-6}$  RIU
- Optics temperature control should be available from 5 °C above ambient to 55 °C
- Noise:  $\pm 2.5 \times 10^{-9}$  RIU or better
- Drift:  $200 \times 10^{-9}$  RIU/hr or better

**Columns**

- C-8, 15 cm length, 4.6 mm ID and 5 $\mu$ M particle size - 2 nos.
- C-18, 15 cm length, 4.6 mm ID and 5 $\mu$ M particle size - 2 nos.
- Suitable guard column holder (having replaceable cartridge) – 2 nos.
- Replaceable cartridge for Guard column holder for C-8–30 nos.
- Replaceable cartridge for Guard column holder for C-18–30 nos.
- GPC column suitable for Water, THF, DMF and Chloroform solvent suitable for 100 Da to 2000000 Da molecular weight.

GPC standards kit each 1 nos. for low to high molecular weight (1) Water soluble – Dextran, PEG, PVA (2) Organic solvent soluble standard – Polystyrene, Polymethylmethacrylate (PMMA)

Bidders shall quote itemized details of essential consumables for instrument and accessories with price break-up for smooth operation of the instrument like replacement solvent/line filters-10 nos., tool kit-1 nos., and others as felt essential by the supplier.

Bidder shall quote Preventive Maintenance (PM) kit, each 1 no. for pump, detector and auto Sampler or a single PM kit for entire instrument..

**Software, computer and printer**

Latest software for routine operation and functions of HPLC and GPC like data acquisition, control, analysis, data processing and export, auto-startup/shutdown.

PC – 1 no. for instrument control and data acquisition with minimum specifications as : Intel i5 processor 3.0 GHz or more, 16GB DDR4 RAM, 2x500 GB hard disc (SSD), min. 25” or more LCD monitor, CD/DWD writer, USB ports, wired keyboard and scroll mouse, with license (preferably Windows 10)

PC – 1 no. for data processing with minimum specifications as : Intel i5 processor 3.0 GHz or more, 16GB DDR4 RAM, 2x500 GB hard disc (SSD), min. 25” or more LCD monitor, CD/DWD writer, USB ports, wired keyboard and scroll mouse, with license (preferably Windows 10)

Monochrome printer with duplex printing facility, 10 ppm



The supply should be complete with all required interconnecting cables, any required interfaces, applications software and all other components required for creating a complete functional system.

Bidders shall furnish following documents for better evaluation of the offered instrument.  
The technical note on the construction of the instrument with details on system components.

The stability and performance data

The inbuilt diagnostic features

The inbuilt safety features

The superior features of the offered instrument

Any other information as felt essential by the bidder

### **Requirements**

1. Original catalogues from the manufacturer of the instrument with technical specifications and application notes demonstrating instrument performance capabilities.
2. Spares & Service Support: Please certify that the instrument supplied shall be of latest technology and top of the line model, so that the manufacturer would support with onsite service & spares for next 10 years.
3. Exhaustive pre-installation requirements spelling out every minute detail and requirement.
4. Applicable Certificates of agency approvals of system/components as applicable.
5. List of recommended essential spare parts and consumables list with budgetary price.
6. **Warranty: The supplier shall offer warranty for equipment & system components for a period of three years following satisfactory installation and commissioning. The warranty shall be comprehensive for the complete system, excluding lamps, columns, vials, and septa.**  
**The term comprehensive warranty implies that the supplier shall replace/install the components of the supplied system free of charge including onsite service visits during the warranty period of three years.**
7. **The supplier shall offer an annual test and maintenance agreement for five years subsequent to warranty, consisting of the following:**  
**2 Preventive + 2 breakdown service visits each year**  
**Regularly and systematic examination, test and adjust all system components.**  
**Submit test reports that certify all components have been tested and the system is in proper working order and functions in accordance with the specification.**
8. Service support for the equipment in CSMCRI, Bhavnagar: Please furnish details of the nearest service setup along with address, telephone numbers and name of service engineers available, response time during warranty and afterwards.
9. Please furnish users list in India and CSIR labs of the quoted equipment with complete postal address, email address, Tel. No. and name of the user.
10. Exhaustive soft and hard copy of installation, operation, users, applications manuals, maintenance and service manuals – shall include system interconnection diagram, general arrangement of equipment drawings, complete circuit diagram, troubleshooting tips and diagnostic methods to be supplied along with the instrument.
11. Standard tool kits should be provided with the instrument for general maintenance services.
12. Installation and Testing: The installed system shall be tested for its performance at CSIR-CSMCRI premises in accordance with the manufacturer's/supplier's specifications. Tests shall demonstrate the proper operation of the instrument and all components.
13. Commissioning and Training: The supplier shall perform on-site installation, commissioning, and start-up of all system components in order to provide a fully functional system. The

supplier shall train onsite institute's personnel on the operation and maintenance of the system at least for one week.

**Bid Submission Requirements:**

Bidders shall mandatorily submit the response sheet for all above tender specifications/details.

**Specimen for bidder response sheet**

CSMCRI Specs	Bidder specs	Remarks

Failure to provide all the above-mentioned information may result in the bid being rejected. Bids that are unclear or leave room for interpretation will be considered unresponsive and will not be evaluated.

	Government eProcurement System	Government eProcurement System
		Published Corrigendum Details
		Date : 20-Feb-2025 10:44 AM

 Print

<b>Organisation Chain :</b>	Council of Scientific and Industrial Research  CSMCRI-Bhavnagar - CSIR  Purchase-CSMCRI - CSIR
<b>Tender ID :</b>	2025_CSIR_226202_1
<b>Tender Ref No :</b>	10-53(14)/24-25/PB/T-91
<b>Tender Title :</b>	Procurement of HPLC GPC
<b>Corrigendum Type :</b>	Date

**Corrigendum:1**

Corrigendum Title	Corrigendum Description	Published Date	Document Name	Doc Size(in KB)
change in dates	change in dates	20-Feb-2025 10:44 AM	corri.pdf 	564.45

**Critical Dates**

<b>Publish Date</b>	10-Feb-2025 06:00 PM	<b>Bid Opening Date</b>	28-Mar-2025 11:00 AM
<b>Document Download/Sale Start Date</b>	10-Feb-2025 06:00 PM	<b>Document Download/Sale End Date</b>	26-Mar-2025 06:00 PM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	10-Feb-2025 06:00 PM	<b>Bid Submission End Date</b>	26-Mar-2025 06:00 PM

**Details Before Corrigendum****Critical Dates**

<b>Publish Date</b>	10-Feb-2025 06:00 PM	<b>Bid Opening Date</b>	26-Mar-2025 11:00 AM
<b>Document Download/Sale Start Date</b>	10-Feb-2025 06:00 PM	<b>Document Download/Sale End Date</b>	24-Mar-2025 06:00 PM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	10-Feb-2025 06:00 PM	<b>Bid Submission End Date</b>	24-Mar-2025 06:00 PM





सी एस आई आर - केंद्रीय नमक व समुद्री रसायन अनुसंधान संस्थान  
गिजूभाई बधेका मार्ग , भावनगर - 364002 गुजरात( भारत )

**CSIR-CENTRAL SALT & MARINE CHEMICALS RESEARCH INSTITUTE**  
Gijubhai Badheka Marg, Bhavnagar - 364 002, Gujarat (India)

Tel: (+91) 278 -2572354 EPABX: (+91) 278 2563805 Extn 8500/8540/8510/8530  
E-mail: [purchase@csmcres.in](mailto:purchase@csmcres.in); [so.purchase@csmcres.in](mailto:so.purchase@csmcres.in); [spo@csmcres.in](mailto:spo@csmcres.in);

**TENDER NO: 10-53(14)/24-25/PB/T-91**

**Date-14.02.2025**

**CRITICAL DATE CORRIGENDUM**

	<b>Existing</b>	<b>Amended As</b>
<b>Pre-bid Conference (Through NIC's CPP Portal)</b>	<b>24.02.2025 at 03.00 PM</b>	<b>26.02.2025 at 10.30 AM</b>
Date and Time for submission of suggestions after the Pre-Bid Conference to be provided by the firm through e-mail:- <a href="mailto:purchase@csmcres.in">purchase@csmcres.in</a> on or before	<b>25.02.2025 05.00 PM (IST) onwards</b>	<b>26.02.2025 05.00 PM (IST) onwards</b>
Date for displaying of final and frozen technical specifications/any modification and amendment to the tender document by CSIR-CSMCRI after Pre-Bid Conference in CSMCRI website.	<b>03.03.2025 06.00 PM (IST)</b>	<b>05.03.2025 06.00 PM (IST)</b>
Bid Submission Start Date & time	<b>03.03.2025 06.00 PM (IST)</b>	<b>05.03.2025 06.00 PM (IST)</b>
Bid Submission End Date & Time	<b>24.03.2025 06.00 PM (IST)</b>	<b>26.03.2025 06.00 PM (IST)</b>
Bid Opening Date & Time	<b>26.03.2025 11.00 AM (IST)</b>	<b>28.03.2025 11.00 AM (IST)</b>

**TENTATIVE TIME SCHEDULE OF PROCUREMENT PLANNING**

<b>Sl.No</b>	<b>Stage</b>	<b>Tentative Time Frame</b>
1.	Date of Bid Opening	<b>28.03.2025</b>
2.	Date of Completion of Technical Bid Evaluation	----
3.	Date of communication of Rejection of Bids	----
4.	Date of Receipt of context from Bidders	----
5.	Opening of Financial Bid	----
6.	Notification of Award ( Tentative date )	-----



**Tender No. : 10-53(14)/24-25/PB/T-91 Dated 10.02.2025**

**Pre-Bid Meeting for procurement of HPLC GPC**

Pre-bid meeting the above-mentioned tender shall be conducted in Hybrid Mode as detailed below:-

It will be done in hybrid mode through online as well as in person by the vendors.

- (i) Online mode: Link will be provided on CSMCRI's website before PBC
- (ii) In person mode by the Vendors : Venue will be CSMCRI, Bhavnagar

Date: 26.02.2025

Time: 10:30 am

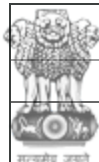

Google Meet joining info

Video call link: <https://teams.live.com/join/9341638401837?p=x8Lui7KB4oNkvenNg>

For Physical participated

**Venue: CONFERENCE ROOM PURCHASE SECTION OF CSIR-CSMCRI, BHAVNAGAR**

**SPO**

 <b>Government eProcurement System</b>		<b>Government eProcurement System</b>	
<b>Tender Details</b>			
		Date : 10-Feb-2025 05:29 PM	
 <a href="#">Print</a>			
<b>Basic Details</b>			
<b>Organisation Chain</b>	Council of Scientific and Industrial Research  CSMCRI-Bhavnagar - CSIR  Purchase-CSMCRI - CSIR		
<b>Tender Reference Number</b>	10-53(14)/24-25/PB/T-91		
<b>Tender ID</b>	2025_CSIR_226202_1	<b>Withdrawal Allowed</b>	Yes
<b>Tender Type</b>	Global Tenders	<b>Form of contract</b>	Supply
<b>Tender Category</b>	Goods	<b>No. of Covers</b>	2
<b>General Technical Evaluation Allowed</b>	No	<b>ItemWise Technical Evaluation Allowed</b>	No
<b>Payment Mode</b>	Not Applicable	<b>Is Multi Currency Allowed For BOQ</b>	Yes
<b>Is Multi Currency Allowed For Fee</b>	No	<b>Allow Two Stage Bidding</b>	No
<b>Cover Details, No. Of Covers - 2</b>			
<b>Cover No</b>	<b>Cover</b>	<b>Document Type</b>	<b>Description</b>
1	Fee/PreQual/Technical	.pdf	Technical bid as per tender documents Sr. No. A to V
2	Finance	.pdf	Bid form as per tender documents
		.pdf	Price Schedule Form as per tender documents
		.xls	BOQ
<b>Tender Fee Details, [Total Fee in ₹ * - 0.00]</b>		<b>EMD Fee Details</b>	
<b>Tender Fee in ₹</b>	0.00	<b>EMD Amount in ₹</b>	0.00
<b>Fee Payable To</b>	Nil	<b>EMD Exemption Allowed</b>	No
<b>Tender Fee Exemption Allowed</b>	No	<b>EMD Fee Type</b>	fixed
		<b>EMD Percentage</b>	NA
		<b>EMD Payable To</b>	Nil
		<b>EMD Payable At</b>	Nil
<a href="#">Click to view modification history</a>			
<b>Foreign Currency BOQ Details</b>			
<b>S.No</b>	<b>Currency</b>	<b>Conversion rate in ₹</b>	
1	US Dollar	NA	
2	European Euro	NA	
3	British Pound	NA	
4	Japanese yen	NA	
5	Swiss Franc	NA	
<b>Work / Item(s)</b>			
<b>Title</b>	Procurement of HPLC GPC		
<b>Work Description</b>	Procurement of HPLC GPC		
<b>Pre Qualification Details</b>	Procurement of HPLC GPC		
<b>Independent External Monitor/Remarks</b>	NA		
<b>Show Tender Value in Public Domain</b>	No		

<b>Tender Value in ₹</b>	0.00	<b>Product Category</b>	Miscellaneous Goods	<b>Sub category</b>	NA
<b>Contract Type</b>	Tender	<b>Bid Validity(Days)</b>	180	<b>Period Of Work (Days)</b>	270
<b>Location</b>	CSIR-CSMCRI BHAVNAGAR	<b>Pincode</b>	364002	<b>Pre Bid Meeting Place</b>	NA
<b>Pre Bid Meeting Address</b>	NA	<b>Pre Bid Meeting Date</b>	NA	<b>Bid Opening Place</b>	CSIR-CSMCRI BHAVNAGAR
<b>Should Allow NDA Tender</b>	No	<b>Allow Preferential Bidder</b>	No		

**Critical Dates**

<b>Publish Date</b>	10-Feb-2025 06:00 PM	<b>Bid Opening Date</b>	26-Mar-2025 11:00 AM
<b>Document Download / Sale Start Date</b>	10-Feb-2025 06:00 PM	<b>Document Download / Sale End Date</b>	24-Mar-2025 06:00 PM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	10-Feb-2025 06:00 PM	<b>Bid Submission End Date</b>	24-Mar-2025 06:00 PM

**Tender Documents**

NIT Document	S.No	Document Name	Description	Document Size (in KB)	
	1	Tendernotice_1.pdf	NIT	790.08	
Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	TES.pdf	Tender Documents	3572.00
	2	BOQ	BOQ_253340.xls	BOQ	278.00

**Auto Extension Corrigendum Properties for Tender**

Iteration	No. of bids required for bid opening a tender	Tender gets extended to No. of days
1.	2	7

**Bid Openers List**

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	gshukla.eproc@csir.res.in	Goravendra Shukla	GORAVENDRA SHUKLA
2.	rkhp.eproc@csir.res.in	Ravi Kumar Patel	RAVIKUMAR HASMUKHRAI PATEL
3.	kajald.eproc@csir.res.in	Kajal Dhameliya	KAJALBEN MOHANBHAI DHAMELIYA
4.	nch.eproc@csir.res.in	Nripendra Chandalia	NRIPENDRA CHANDALIA

**GeMARPTS Details**

<b>GeMARPTS ID</b>	2SLR8OSSSAT4
<b>Description</b>	Procurement of HPLC GPC
<b>Report Initiated On</b>	10-Feb-2025
<b>Valid Until</b>	12-Mar-2025

**Tender Properties**

<b>Auto Tendering Process allowed</b>	No	<b>Show Technical bid status</b>	Yes
<b>Show Finance bid status</b>	Yes	<b>Stage to disclose Bid Details in Public Domain</b>	Technical Bid Opening
<b>BoQ Comparative Chart model</b>	Normal	<b>BoQ Comparative chart decimal places</b>	2
<b>BoQ Comparative Chart Rank Type</b>	L	<b>Form Based BoQ</b>	No

**TIA Undertaking**

S.No	Undertaking to Order	Tender complying with Order	Reason for non compliance of Order
1	<a href="#">TIA UNDERTAKING GEM</a>	Agree	
2	<a href="#">PPP-MII Order 2017</a>	Agree	
3	<a href="#">MSEs Order 2012</a>	Agree	

**Tender Inviting Authority**

<b>Name</b>	Director CSIR-CSMCRI BHAVNAGAR
<b>Address</b>	Director CSIR-CSMCRI BHAVNAGAR

**Tender Creator Details**

<b>Created By</b>	Kajal Dhameliya
<b>Designation</b>	SSA
<b>Created Date</b>	10-Feb-2025 12:59 PM