

**BENGAL CHEMICALS & PHARMACEUTICALS LTD.****(A GOVT. OF INDIA ENTERPRISE)****Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013****PHONE 033 22371525/26****Website: www.bengalchemicals.co.in**

E-Tender under single stage two part system (Part I: Techno-Commercial Bid and Part II: Price Bid) is invited from Competent/Experienced manufacturer or their Authorized dealer/distributor for **“Supply, Installation and Commissioning of Various Analytical Instruments at New QC Block of Maniktala Unit”**, Starting with immediate basis from ordering & to be completed within 60 days from initiation of work at our 164, **Maniktala Works (Kolkata-700054)**. Bidders will have to participate in bidding process through **website <https://bcpl.ewizard.in>**

SCHEDULE OF TENDER (SOT)

Tender No & Date	BCPL/2026-27/ET/37, Dated: 06.08.2026
Mode of Tender	E - Procurement System (Online - Commercial Bid through) https://bcpl.ewizard.in of ITI Ltd. The intending bidders are required to submit their offer Electronically through e-tendering portal. No physical tender is acceptable.
Date & Time of NIT Available to parties to download	06th August, 2026 from 14:00 Hrs.
Last date and Time to participate	28th August, 2026 till 14:00 Hrs.
Evaluation Start time and date	28th August, 2026 @ 14:30 Hrs.
Transaction Fees	Min Rs 500/- to Max Rs. 3,500/- +Applicable GST
Earnest Money cum Security Deposit	Rs 110,000/- in favor of “Bengal Chemicals & Pharmaceuticals Limited”, Payable at Kolkata vide NEFT/RTGS to A/c No 0084250200198 IFS Code: PUNB0008420 Bank: Punjab National Bank Branch: Calcutta (Kolkata), West Bengal: 700001
Last Date & Time for Submission Transaction fees	28th August, 2026 till 14:00 Hrs

List of Annexure:

Important Instructions for e-tender: -
General Terms and Conditions: -
Scope of Work: -
Notice Inviting Tender & Others: -
PRICE BID: -

Annexure – A.
Annexure – B.
Annexure – C.
Annexure – D.
Annexure - E.



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

Annexure-A

Important Instructions for E-Tender

Bidders are requested to read the terms and conditions of this tender before submitting your online tender.

Process of E-Tender:

A) Registration: The process involves vendor's registration with ITI e-procurement portal which is **free of cost**. Only after registration, the vendor(s) can submit his/their bids electronically. Electronic Bidding for submission of Technical (if) Bid as well as Commercial Bid will be done over the internet. The Vendor should possess Class III signing type digital certificate. Vendors are to make their own arrangement for bidding from a P.C. connected with Internet. ITI is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature).

SPECIAL NOTE: THE TECHNICAL BID (if) AND THE COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT

[https:// bcpl.ewizard.in](https://bcpl.ewizard.in)

1). Vendor is required to register them online with <https://bcpl.ewizard.in> → e- Procurement of BCPL. Register as Vendor -- Filling up details and creating own user ID and Password→ Submit.

2. After successful registration send request mail with acknowledgement slip ewizardhelpdesk.101@gmail.com for account activation.

3). Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form. In case of any clarification, please contact ITI Ltd, (before the scheduled time of the e-tender). Contact person (BCPL): Dealing Officer: Sr. Manager – Purchase Phone no. 033 – 2237 1525 / 26. E-mail: - kayalsudipto114@gmail.com/sudipto.kayal@bengalchemicals.co.in

Contact person (ITI Ltd): Mr. Jitesh Kumar – eprochelpdesk.50@gmail.com (contact no: 9355030604).

Vendors should upload the below mentioned supporting documents (based on their type of Organization) during registration process:

1. PAN Card (for Individuals, Indian and Foreign Bidders)/ TAN Card (for Foreign Bidders).
2. Certificate of Incorporation (for Indian organizations)/ Memorandum of Articles – MOA (for Foreign Organizations)/ Passport (for Individuals and Foreign Bidders)
3. GST (for Indian Organizations) / TAN Certificate (for Foreign Organizations).
4. An Address proof is also to be submitted in case of Individuals.
5. If the firm is registering in joint venture, they also need to upload deed agreement.

NOTE 1: 1) Uploaded copy of all these supporting documents must be self-attested by authorized signatory. Attested signature shall also be verified by Tender Wizard Helpdesk for further



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

authentication process.

2) Tenderer digital signature on the E- Tender form will be considered as their confirmation that they have read and accepted all the conditions laid down in the tender documents, unless specific deviation is quoted in the techno- commercial offer form (if).

3) E- Tender form is not transferrable and the same is to be submitted with digital signature/ signed & scanned copy by the pre- authorized personnel of the bidder. Tender is to be submitted through e-tender-mode only at website <https://bcpl.ewizard.in> along with scanned copies of credential papers.

4) For what so ever reasons, if any part of BCPL tender document is not uploaded/ submitted by the bidder, other than financial and technical offers(if) and requisite Pre-Qualifying credentials, in that case the missing part of the tender document shall be treated as read and acceptable to bidder.

5) Tenders completed as per instructions will be submitted through e-tendering mode only in the website <https://bcpl.ewizard.in> as per the prescribed date and time mentioned in the tender notice and tender will be opened on the prescribed date and time in the presence of tenderers or their authorized representative who may wish to be present. Only one representative of each tenderer, who has submitted the tender, will be allowed.

NOTE 2: Bidding in e-tender:

a) Vendor(s) need to submit necessary EMD (if) and transaction fees to be eligible to bid online in the e-tender. Tender fees (if) and Transaction fees are non-refundable. No interest will be paid on EMD (if). EMD (if) of the unsuccessful vendor(s) will be refunded by the tender inviting authority.

b) The process involves Electronic Bidding for submission of Technical (if) and Commercial Bid.

c) The vendor(s) who have submitted transaction fee can only submit their Technical Bid (if) and Commercial Bid through internet in ITI website <https://bcpl.ewizard.in>.

d) The vendor should allow running JAVA application. This exercise has to be done immediately after opening of Bid floor. Then they have to fill up Common terms/Commercial specification and save the same.

g) In all cases, vendor should use their own ID and Password along with Digital Signature at the time of submission of their bid.

h) During the entire e-tender process, the vendors will remain completely anonymous to one another and also to everybody else.

i) The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above.

j) All electronic bids submitted during the e-tender process shall be legally binding on the vendor. Any bid will be considered as the valid bid offered by that vendor and acceptance of the same by the Buyer will form a binding contract between Buyer and the Vendor for execution of supply.

k) It is mandatory that all the bids are submitted with digital signature certificate otherwise the same will not be accepted by the system.

l) Buyer reserves the right to cancel or reject or accept or withdraw or extend the tender in full or part as the case may be without assigning any reason thereof.

m) No deviation of the terms and conditions of the tender document is acceptable. Submission of bid in the e-tender floor by any vendor confirms his acceptance of terms & conditions for the tender.

Any order resulting from this tender shall be governed by the terms and conditions mentioned therein.

No deviation to the technical (if) and commercial terms & conditions are allowed.

The tender inviting authority has the right to cancel this e-tender or extend the due date of receipt of



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

bid(s) without assigning any reason thereof.

Annexure-B

General Terms & Conditions

1. Mere participation in e-tender will not mean that a particular bidder will be automatically considered qualified and their bids will be entertained. Such qualification will be reviewed at the time of evaluation of bids also.
2. Price Bids (Part-II) of only those eligible bidders whose Part-I Bids are complete and in order shall be opened on time and date to be intimated later separately.
3. Micro & Small Enterprises (MSEs) registered with NSIC (under single point registration scheme) are exempted from depositing Cost of Tender Document (if) and Earnest Money (if) having valid NSIC Certificate for MSEs along with DIC's (DISTRICT INDUSTRIES CENTRE) Certificate.
4. Micro & Small Enterprises (MSEs) registered with NSIC under Single Point Registration Scheme (SPRS) are eligible to get the benefits under new Public Procurement policies for MSEs as notified by Govt. of India, Ministry of Micro, Small & Medium Enterprises (MSME) vide Gazette Notification, dated 26.03.2012.
5. If eligible for the supply, the benefits as per prevailing norms will be extended to MSEs registered with NSIC as per New Public procurement Policy as notified by the Government of India, Ministry of Micro, small & medium enterprises (MSME) in The Gazette of India vide No. 503, dated 26.03.2012. It is not obligatory on the part of the Trustees to accept of Lowest Tender. They reserve the right to accept a Tender in full or in part and/or reject a Tender without assigning any reason thereof.
6. If Micro & Small Enterprises (MSEs) registered with NSIC intends to participate in the tender, for the items they are not registered with NSIC, then they will have to deposit cost of Tender Document (if), full amount of Earnest Money (if) as per NIT. Otherwise their offer for those items will not be considered.
7. Copy of valid NSIC Certificate for MSEs along with DIC's (DISTRICT INDUSTRIES CENTRE) Certificate has to be submitted along with the bid.
8. Due date of submission of tender may be extended as per BCPL's discretion by releasing corrigendum in website of BCPL and ITI LTD.
9. EMD is: As per E-Tender. **MSE manufacturers and Service providers with a valid Udyam Registration Certificate are eligible for Earnest Money Deposit (EMD) exemption.**
10. E-Tenderers submitted without requisite Earnest Money (if) are liable to be rejected excepting in case of Micro & Small Enterprises (MSEs) registered with NSIC (under single point registration scheme) for items for which the tender is invited.
11. SCOPE OF WORK: As per E-Tender Document
12. The Terms and Conditions of E-Tender shall be read in conjunction with the General Conditions of Contract, Specifications, Bill of Quantities and other Documents forming part



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

of this Contract wherever the Contract so requires.

13 VALIDITY: Starting Immediate Basis from the date of P.O & to be completed within 60 days from initiation of work order.

14 EMD (Earnest Money Deposit): As per Page No 1.

15 Performance Bank Guarantee (PBG): A 5% of the total Contract Value to be submitted after selection of the qualified vendor or issuance of Letter of Intent. The PBG to be issued from any Nationalized Bank or scheduled Commercial Bank. The PBG must remain valid for the entire duration of defect liability period of 12 (twelve) months with a claim period another 01(one) month. This is to be noted that PBG to be submitted within 15 days from the date of issuance of Letter of Intent or written confirmation from us.

16 Payment terms: 50% against material supply and 50 % after successful commissioning, validation & training of the entire instruments with submission of required drawings, operational manuals, warranty Certificate etc.

17 Tenders invited in two bid system (Techno-Commercial Bid & Price Bid) where first of all technically qualified bidders are only eligible for opening of Price Bid.

18 EARNEST MONEY or SECURITY DEPOSIT: As per tender Document & Earnest Money deposit will kept on hold by BCPL & not be refunded for the awarded bidder until work is successfully performed & Certified.

19 The bidder shall quote his price as per the FORMAT in the Price bid (Part-II), The Bidder shall state clearly his quoted rates both in figures & words.

20 Price(s) to be quoted should remain firm over the contract period & No escalation or bargaining will be entertained once price bid will open.

21 All the Participating bidders should Physically must inspect The Site. All technical Clarifications to be obtained prior Bid Submission.

22 EVALUATION CRITERIA: As per relevant clause of Tender Document and L-1 will be evaluated on Landed cost where ST/ GST is considered as refundable component.

23 Arbitration any disputes arising out of and in relation to this agreement will be settled to arbitrator appointed DF/MD of BCPL. The arbitration would be conducted and governed by and under the provisions of Arbitration Act 1996. Any legal dispute will be subject to jurisdiction of Kolkata Courts and no other Court shall have the Jurisdiction.

24 JURISDICTION OF COURT: The contract shall be governed by all relevant Indian Acts applicable within the jurisdiction of Kolkata.

Annexure-C

A) General Information:

Project Name: Supply, installation and commissioning of various analytical instruments as mentioned in annexure.

Location: New QC Block of Maniktala Factory, 164, Maniktala Main Road, Kolkata-700054.

Scope of Work: Supply, installation and commissioning of various analytical instruments as mentioned in annexure.



BENGAL CHEMICALS & PHARMACEUTICALS LTD.
(A GOVT. OF INDIA ENTERPRISE)
Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013
PHONE 033 22371525/26
Website: www.bengalchemicals.co.in

A) DESCRIPTION OF TOTAL JOBS TO BE CARRIED OUT:

ANNEXURE

B) Technical data of the Seven (07) Nos of Analytical Instruments:

SL No	Name	Qty	Specifications & Features required
01	Digital Rotational Viscometer	01	Make: LABMAN /LABINDIA/Mettler Toledo/Indian Instrument/Labtronics Model should be GMP/GLP complied. - Measuring Range mpa.s : 20-2,000,000 - Speed :0.3 to 60 - No. of speed: 8 - No. of standard spindle: 4(L1,L2,L3,L4) - Speed type: Selectable step lessspeed (non-polar shift) - Display: LCD - Temperature monitoring: Yes - Measurement accuracy: +-1%(FS) - Repeatability: +-0.5%(FS) - OUTPUT: RS232C Interface - Power supply: DC adaptor Salient features: *Auto range function *Selectable speed *Direct viscosity reading and temp display *Big ultra bright LCD display.
02	Tablet Dissolution Test apparatus (Basic unit)	01	Make: LABINDIA/Perkin Elmer/Labtronics/Mettler Toledo. Model should be GMP/GLP complied. 40 Mesh Basket with holder-06 nos. - Paddles blade for new disso-06 nos. - Replenishing paddles mini-02 nos. - Monoshaft for paddles and basket-08 - Water bath cover assembly-08 bowls (8 mm thick and 120 mm dia) PNDP - DS18B20sensor probe-210 mm long ,6 mm OD, Probe round-01 no. - Cannula-01 no. - Moulded flange PC bowl assembly-08 nos - Intelligent sampling manifold (DISA) WITH TEMP. READOUT FACILITY FOR DS8000.-01 NO. - Typical specification: - Control: Micro control. - Method storage: Min 1000 method with parameters. - Data storage: Available with non -volatile memory. - Temp. Range: 20 -55 degree C. - Temp. Accuracy: upto 45 deg.C+-0.1 Deg.C&>45 deg.C upto 55 deg.C+-0.2 deg.C



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

			• Tem. Resolution: 0.1 deg.C • Temp. Sensor: Digital temp. Sensor(RTD-pt100) • Evaporation loss: 1%Display: 7" high resolution display. • Paddle/basket shaft stirring speed: 20 to 250 RPM. • Sampling time selectivity: Programmable. • Time interval selectivity: in steps of 1 min • Vessel capacity: 1000 ml. • Water bath: 17-29 lit capacity with inbuilt water level sensor • Max no. of interval: 50 • Dissolution process time: 1 min to 24 hrs onwards • Print interface: USB/WIFI • Data backup interface: USB/LANI/P power: 220 VAC,50 HZ • Control: Micro controller based • Display: 7 inch touch screen • Keyboard: Touch screen display. • GLP & Pharmacopeia compliant • Program parameter report • Printer compatible for deskjet,inkjet • RS232 FOR PC connectivity. • Warranty: 01 years warranty from the date of commissioning the m/c.
03	KARL FISHER TITRATOR-(Basic Unit)	01	Make: LABINDIA/HANNA/METTLER TOLEDO/INDIAN INSTRUMENT Model should be GMP/GLP complied. • Specification: Mv RANGE: +-3200Mv • Accuracy: +-1 mV • Polarised measurement range: 0 to +-3200 mV • Polarised sensor resolution: 0.1 mV • End point detection: voltammetry • Polarising current range: 1 micro amp to 80 micro amp.in 8 steps. • Polarising current resolution: 0.1 micro amp. • Polarising current accuracy: 1.0 micro amp. • Measuring range: 10 micro grams to 500 mg. • Measuring accuracy: Better than 0.3% of respective volume. • Repeatability: Better than 0.3%. • Sensor: Dual pin platinum electrode. • Burette: 5 ml or 10 ml capacity. • Filling time: <20 sec • Stirrer: magnetic type, micro controller-based speed control with digital indication. • Display: 7 touch screens • Method storage: 16 GB data storage capacity • Results: mg/ml,%,ppm,mg/g,



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

			• Drift measurement: online. • GLP & Pharmacopeia compliant. REPORT FORMAT: • Method parameter • Titration analysis report • Titration analysis condensate report • Statistics and online leak rate report • Graph for reaction trend INPUT OUTPUT PERIPHERAL INTERFACE: • Serial port:01 no • USB connectivity. • Laser printer connection • Ethernet port POWER: • 230 VAC,50HZ, Environmental operating conditions: • Operation: indoor • Temperature: ambient to 45 degree C • Humidity: 5 to 90% non-condensing
04	Vacuum Leak Tester	01	Make: LABINDIA/INDIAN INSTRUMENT/METTLER TOLEDO/LABTRONICS Model should be GMP/GLP complied. • Technical specification: • Vacuum range: 150-600 mmHg. • Control: Microcontroller based. • Pressure unit: mmHg/Psi/Kpa/user defined. • Accuracy: Better than +-10 mmHg. • Desiccator: 8 inches,10 inches,12 inches. • Display: 7" capacitor touch screen colour display. • Self-test: facility to scan (valves, pumps and sensor) • Real time clock: Yes. • Hold time: up to 99 minutes 59 seconds. • Report storage: Built in SD card. • Printer connectivity: Port Desk jet printer. * Serial interface: a) RS232-1 FOR BALANCE CONNECTIVITY. b) RS232-2 FOR PC CONNECTIVITY. * Number of samples: 25 * print report: standard and user defined. * Calibration: Auto calibration with altitude correction. * Accessories: Polycarbonate desiccator along with connecting tubes, instruction manual



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

			* Data format: DD/MM/YYYY * No. of method: 100 test method. * Electrical power: 230 VAC,50 HZ, * Environmental operating conditions: Operation indoor Temp. Ambient to 45 degree C.RH: UPTO 80%. - Warranty: 12 months from the date of commissioning. FEATURES: - Meets current specifications of IP and PHARMACOPUEIAS. - Easy illustration of vacuum change on real time graph to view vacuum change. - Built-in real-time clock. - Configurable tolerance ranges in grams or % to calculate pass fail result. - Balance interface for sample auto weight transfer. - Data downloading facility with PC based EDC 21 software. - Error indication on display helps trouble shooting.
05	Automatic-Digital Refractometer	01	Make:LAB-INDIA/METLERTOLEDO/INDIAN INSTRUMENT/LABTRONICS/LABMAN. Model should be GMP/GLP complied. - Technical specification: - Measuring range nD: 1.3000 TO 1.7000 BRIX: 0.0-100.0% - Resolution nD: 0.0001 BRIX: 0.1% - Reproducibility Nd: +-0.0002 BRIX: +-0.1% - Accuracy nD: +-0.0002 BRIX: +-0.1% - Temperature range: 0 to 95-degree C. - Temperature resolution:0.1-degree C. - Temperature control model: water bath and Peltier. - Temperature control range: 5 to 80-degree C. - Temperature control accuracy+-0.2-degree C. - Interface: RS232, USB - Display: Touch screen, colour LCD. - Prism: Artificial sapphire - Calibration: 1-point calibration or up to5-point calibration. - System: software to PC protector - Data format: PDF, EXCEL optional MD5 - Online printing /database printing facility. - GLP & Pharmacopeia compliant.
06	AUTO-POTENTIOMETRIC TITRATOR (Basic Unit):	01	Make: LABINDIA/HANNA/INDIAN-INSTRUMENTS/METTLER TOLEDO. Model should be GMP/GLP complied.



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

			a. The Auto potentiometric titrator should be capable of displaying pH and Mv of the sample with temperature compensation working on the principle of volume determination by equivalence point, end point. b. Microcontroller based variable speed, high torque stirrer with digital indication. c. Potentiometric sensor measurement range: +-3200 millivolt or better. d. Potentiometric sensor accuracy: 0.1 millivolt or better. e. Polarized sensor measurement range: 0 to +-3200 millivolt/ 0 to +-80 micro amp. or better. f. Amplifier impedance: >10 to the power twelve ohm or better. g. Burette resolution: 0.5 micro litre (1/20000 of the burette volume) with plug and play burette. h. Burette volume:10 ml. i. Filling time: <20 sec. j. 3-point calibration with user entered buffer values and standardization with 7 Ph buffers. k. pH resolution: 0.01 pH or better. l. Potentiometric end point detection. m. Instrument must be capable of two-point auto calibration and standardization. n. Auto titrator must be capable of analyzing aqueous and non-aqueous. o. Plug and play intelligent burettes, quick interchangeable imported burette assemblies with intelligent recognition for its volume size. p. Composite differential electrode amplifier unit for potentiometric and volumetric /KF titrator, having connectivity to various electrodes. Temperature sensor with 4-line measurement technique. q. Method development: Intelligent method editor with clear scientific meaningful parameters. r. Burette drive validation: dosing accuracy-measure the piston stroke height with a certified micrometer which measure burette resolution. s. Fully integrated network software management and controlled in standalone mode operating having 7" or better touch screen.\ t. Instruments having logs all the activities with search facility, report generation and printing. u. Standard warranty of 12 months from the date of commissioning. v. The system should have USB interface and able to connect with branded PC. w. Power: 230 VAC,50 HZ. x. Environmental operating conditions: Operation
--	--	--	---



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

			indoor y. Temp. Ambient to 45 degree C.RH: UPTO 80%. z. GLP & Pharmacopeia compliant.
07	FULLY PC CONTROLLED FTIR		Make: Shimadzu/Thermo-Fischer/Perkin Elmer/Mettler Toledo. Model should be GMP/GLP complied. System: Fully computer controlled with USB based interface and software based FTIR spectrophotometer having sealed gold coated/diamond turned optics for enhanced durability, robustness and moisture control. • Interferometer: Should be permanently/Dynamically aligned with 10 years warranty. • Spectral range: 8000-350/cm or better. • Detector: Should be Lithium tantalite/DTGS/DLaTGS detector • Beam Splitter: KBr/GE for highest spectral throughput MID IR Beam Splitter. • Spectral Resolution: 0.6/cm or better. • Source: High intensity IR source with 10 years warranty. • Signal to noise ratio: 14000:1 or better. peak to peak for 1 minute. • Laser: Solid state laser with 10years warranty. • Wave number precision: 0.001/cm at 2000/cm. • Wave number accuracy: 0.05 /cm at 2000/cm. • Optics: Should be sealed and desiccated with diamond turned or gold coated mirrors. • Window: KBr window. • Verification: Automated performance verification test • Software: • Should have continuous background facility. • Should include an indicator for quick visual indication of sample quality. • Multi component search and contamination analysis functionality. • Instruments should have a minimum of 5000 inbuilt libraries. • Instrument should have data auto save facility. • Instrument should have the facility of continuous automatic background correction when instrument is idle after no manual intervention. • Instrument should have automatic accessory recognition. • Accessory: • Universal ATR with ZnSe crystal having for direct analysis of solid, liquid, paste, and powder and gel sample without sample preparation. • Branded PC, B/W laser jet printer must be offered with the system.



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

			• System must have dehumidification property and able to control moisture at any point of time with inbuilt system. • M/c should have the upgradation option for gas analysis in future with gas cell measuring 10 cm. • Instrument should be capable of functioning with 3rd party accessories available in the market. Additional key: • Instrument must have minimum 01-year standard warranty from the date of commissioning. A special 10years' warranty for Laser, source, interferometer should be included in the offer. • System should not require inert gas purging. • At the time of installation, detailed operation and maintenance training must be carried out to our users in our lab free of cost by the supplier. • The same/similar system quoted must be supplied in pharmaceuticals industry. Prompt service within 48 hours. • User should be able to replace component such as sample compartment windows, infrared source with auto alignment facility. • Temp. And RH indicator should be available in the system.
--	--	--	--

Terms & conditions:

- All the required machines should be suitable for OFFICIAL COMPANDIUM methods.
- The entire preferred model should be GMP AND GLP complied.
- Design, Installation and operational qualification must be provided after commissioning of the instruments before submitting tax invoice.
- Warranty: Minimum 12 months warranty from the date of commissioning including all the spares for the related models should be available for the next 10 years (undertaking must be submitted). Free maintenance and service during warranty. Regular upgrades to all software during the entire warranty period
- Bidder should provide insurance up to the delivery point (on-site) and till the time of installation/Commissioning
- Prompt service within 48 hours should be provided and supplier should have their functional service center in Kolkata, (details local address to be provided).
- After final commissioning of the materials general handhold training must be provided to the respective department at the place of supply.
- All the instruments should have USB interface for PC connection.
- Bidders must the manufacturer itself or their authorized distributors/dealers.
- In case of authorized distributors/dealer, bidders need to be submitted authorization certificate from the OEM (Original Equipment Manufacturer).
- Bidder must have the exposor to supply similar type of item before and need to submit credentials (Only purchase order will not be accepted, Job completion Certificate is required.) to justify the last supply.



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

- Pre-bid inspection at Site for job assessment. Bidder must visit the Site/New QC department and take proper measurement and understand the job/requirements clearly before submitting the bid.
- The Bidder must have prior experience of executing similar type of contracts involving Supply, Installation & Commissioning of similar analytical instruments with similar specifications at a reputed Premises and shall have to submit job completion certificate from the Purchaser.
- Bidder should provide warranty on defective workmanship for items erected / fabricated and OEM Warranty on the other relevant items.
- No accommodation will be provided by BCPL. No Manpower, tools & tackles will be provided by BCPL.
- Party should provide detailed commissioning report with system performance data and as-built drawings with IQ, OQ, PQ.
- Pre-bid clarifications of any to be obtained prior to bid submission.

Annexure-D

Other terms and conditions for filling Bids:

1. Bidders to perform the scheduled Job within contract duration mention from the date of placing order. No price escalation will be entertained during the stand period.
2. The transaction fees are non-refundable.
3. In-case of tax changes within the contract period due to GST implementation, the received basic prices will be considered along with the applicable taxes and evaluation will be carried out accordingly.
4. Only technically qualified in terms of Transaction fees, Experience, Technical Criteria's (if) etc. will only be considered for price bid evaluation.
5. The Price Bid of New Vendors and Those Under Vendor Development Program Will Be Considered for Price Bid Evaluation Only After Successful Evaluation of All Technical Parameters.
6. L-1 will be evaluated on Landed cost where GST is refundable hence has no impact on landed cost.
7. **Contract Duration: Starting Immediate Basis from the date of P.O & to be completed within 60 days from initiation of work.**
8. Failure to complete the stipulated jobs for any of the above reasons will also entail forfeiture of Security Deposit/EMD (if) and even blacklisting of the supplier.
9. EMD will be on kept hold with BCPL during the entire contract periods as security deposit after completion of tender process & the same will be refunded after successful completion of job including submission of all related documents.
10. All decisions of BCPL will be final and binding.
11. In case, the supplier fails to start/deliver/provide the job within 60 days BCPL will have full right to purchase from the alternative sources & the price difference will be recovered from the contract awarded defaulter vendor's outstanding/EMD/Security Deposit (if).
12. Offered rate should be valid 45 days from the date of opening price bid to place order.



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

13. The bidder should manage all required tool kits, consumables, arrangements at his own to provide the job done; BCPL will not provide any consumable during execution of job.
14. The bidder will be responsible for any damage, misplace of materials or any mishaps occurred during any point of working & manage at free of cost.
15. Bidder should provide warranty on defective workmanship for items erected / fabricated and OEM Warranty on the other relevant items.

Eligibility Criteria for qualifying the TECHNICAL BID.

Eligibility Criteria (All these documents are required to upload):

• Bidders Eligibility criteria:

Sl No	Parameters
1	Bidders must be manufacturer itself or their authorized distributors/dealers. In case of authorized distributors/dealer, bidders must submit authorization certificate from the OEM.
2	Annual Audited Balance sheets & Annual Turnover Certificates, IT return for the last three FY.
3	Purchase orders and satisfactory performance certificates from recognized laboratories or government bodies or any reputed establishments or organizations.
4	Valid GMP, or GLP calibration/manufacturing credentials, ISO etc.
5	Bidders must have valid registration certificate for Sales tax, Income Tax, Pan, GST and Trade License, Udyam Registration (if any) in case of exemption of any, declaration to be submitted.
6	Signed & Stamped compliance sheet of the technical specification of the offered equipment with technical printed literature must be enclosed with the technical bid
7	The bidder/OEM self-declaration stating that he/she is not banned/debarred or black listed by any Central/State Govt. of India/PSU/Organizations/Institutes/Others in India

- Annual turnover minimum Rs 0.25cr; however, MSME and Indian manufacturer will be considered lesser annual turnover also.
- Bidder should provide warranty on defective workmanship for items erected / fabricated and OEM Warranty on the other relevant items.
- Party should provide detailed commissioning report with system performance data and as-built drawings with IQ, OQ, PQ. Pre-bid clarification to be obtained prior to bid submission.
- **Site preparation:** The Selected bidder shall inform us about the site preparation, if any, needed for installation, immediately after receipt of the supply order. Suppliers must provide complete details regarding space and all infrastructural requirements needed for the equipment, which BCPL should arrange before the arrival of equipment to ensure its early installation and smooth operation thereafter.
- **Training:** Comprehensive training of all the equipment to be provided at free of cost after installation & commissioning.
- **Consumables/spares:** All hardware & software including drivers, device interface cards/network adaptor card must be pre-installed & pre-configured in the computer /equipment provided. Licensed version of system software should be provided in pen drive (with up-gradable version).



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

- **Manual** - Hard copies of instruction/operation/service manuals should be supplied.
- **Must have valid Registration certificate for Income Tax, Pan, GST and Trade License, ESI(if any) & to submit them all in technical Bid document, in case of exemption if any, declaration to be submitted.**
- **The Vendor Must Ensure Full Safety Precaution During Execution of The Job at Site. In case of any mishaps BCPL will not be responsible.**
- **Failing to fulfill the eligibility criteria will lead to rejection and their price will not be considered for evaluation.**

(All the above Documentary Evidence needs to be uploaded during bidding, all documents to be signed and stamped by authorized person)

CLARIFICATIONS

For any clarifications please contact. Sr.Manager (Purchase)

Job Address: Bengal Chemicals & Pharmaceuticals Ltd., 164, Maniktala Main Road,
Kolkata- 700054, West Bengal.

WORKING PERIOD

Normally the above work will be carried out between 9 A.M. to 5.30 P.M. working day only. In case of any deviation from this shall have to take prior permission from the Engineering-Charge.

NUMBER OF WORKFORCE: for the above-mentioned job, Awarded Vendor should have to provide all the required manpower. BCPL will not entertain own manpower in this matter.

Annexure-E

Format for Price Quotation:

SL No	Particulars	Qty (No)	Total Basic (Door step Delivery Price basis) in Rs/- per No.	GST (%)
1.	Digital Rotational Viscometer	1 No.		
2	Tablet Dissolution Test apparatus (Basic unit)	1 No.		
3.	KARL FISHER TITRATOR- (Basic Unit)	1 No.		



BENGAL CHEMICALS & PHARMACEUTICALS LTD.

(A GOVT. OF INDIA ENTERPRISE)

Centralized Purchase Dept.: 6, Ganesh Chunder Avenue, Kolkata 700 013

PHONE 033 22371525/26

Website: www.bengalchemicals.co.in

4.	Vacuum Leak Tester	1 No.		
5.	Automatic-Digital Refractometer	1 No.		
6.	AUTO-POTENTIOMETRIC TITRATOR (Basic Unit):	1 No.		
7.	FULLY PC CONTROLLED FTIR	1 No.		
(a)	<i>Total Door step delivery Basic Cost basis (Rs) i.e. inclusive of all freight charges, Loading & Unloading charges, Insurance & Other charges if any)</i>			
(b)	<i>GST (%)</i>			
	<i>Total Amount Rs (a + b)</i>			

****Bidders are requested to sign & stamp in all pages of bid document and upload in the E-tender.**

1. Bidders are first requested to visit our site and then participate in our tender. No price escalation or technical deviation will be entertained once the tender bid has been submitted.

Sr. Manager(Purchase)

BCPL, 6, Ganesh Chunder

Avenue, Kolkata -7000013