



DURGAPUR CHEMICALS LIMITED
(A Govt. Of West Bengal Enterprise)
P.O. Durgapur-713215, Dist. Burdwan.
AN ISO 9001-2008 & 14001-2004 CERTIFIED COMPANY
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NOTICE INVITING QUOTATION No. – DCL/PUR/ENV/INST/02/18-19

Date- 28.12.2018

E- offers /online quotations are hereby invited by the HOD (Purchase & Stores), Durgapur Chemicals Limited (DCL) from the bonafide, reliable, resourceful and experienced MANUFACTURER for the supply of ANALYSER FOR HCL STACK AND CHLROINE WITH LASER TECHNOLOGY AS PER CPCB NORMS inside the DCL plant premises at Durgapur, West Bengal. The tender details are as per following:

1.	Quotation No.	DCL/PUR/ENV/INST/02/18-19 Date- 28.12.2018
2.	Name of work	Quotation for supply of ANALYSER FOR HCL STACK AND CHLROINE WITH LASER TECHNOLOGY AS PER CPCB NORMS
3.	Period of supply	Within 60 days from the date of placement of firm order.
4.	Earnest Money	Rs. 50,000/- To be deposited online through ICICI payment gateway which will be directed automatically to DCL account.
5.	Tender Uploading date online	28/12/2018
6.	Document Download Start Date.	31/12/2018 at 10:00 A.M
7.	Start Date of bid submission online	31/12/2018 at 11:00 A.M
8.	End Date of Bid Submission Online	14/01/2019 up to 12:00 Noon.
9.	EMD & TENDER FEE	Intending bidders desiring to make payment of EMD and Tender Fee has to do the same through e-payment banking system, online and should beforehand read the instructions carefully, particularly those contained in the challan generated in the e-transaction of portal, if opted for EMD and tender fee payment through RTGS/NEFT through ICICI payment Gateway.
10.	Date & time of opening of tender online.	Cover-I (Qualification Documents):- 16/01/2019, after 02:30 P.M. Cover-II (Price Bid) :- To be Notified Later
11.	Download & Upload of Tender Documents	Intending tenderers have to download the tender documents from the link https://wbttenders.gov.in using the Digital Signature Certificate. This is the only mode of collection of tender documents. The required filled/digitally signed documents are to be uploaded through the same link.
12.	Registration of Bidders	Intending tenderers willing to take part in the process of e-tendering will have to be enrolled and registered with the Government e- Procurement System through respective helpdesk situated in Jalasampad Bhawan 7th Floor DVC Study Cell, Salt Lake, Kolkata-700091.
13.	Digital Signature Certificate (DSC)	Intending tenderers is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders.

Specification of HCL gas Analysers

HCl Plant Capacity- 25 TPD

HCl Stack Height- 30 mtr from GL

1. **Application:** HCL measurement in stack Gas, online gas analyser for continuous measurement of HCl and Chlorine gas.
2. **Type of Sensor:** 'Tunable Diode LASER Absorption Spectroscopy'
3. **Accuracy:** +/- 2 % of reading or 0.6 PPM whichever is greater
Linearity - Better than 1 %
Minimum Detection Limit: 0.6 ppm-v or better
4. **Range of Measurement:** 0 – 50 mg/m³ ; Typical concentration will be 0 – 50 mg/m³
5. **Output-:** 4 – 20 mA analog
6. **Analyser Measurement Response Time** - Less than 5 Second
7. **Initial warm up time :** 10 minutes
8. **Sampling Rate-** 1 Second
9. **Input Power Supply:** 24 VDC ±10%, 5-60W
10. **Diagnostic & validation features:**
 - The online Analyser shall have auto diagnosis feature and shall display error/ warn messages about the status of every parameter and eventful malfunctioning.
 - Remote Calibration facility must be available as per guideline of CPCB.
 - Online automatic diagnostics for periodic self-checking of system integrity & alarming.
 - Vendor must specify the frequency (if required) of factory validation / calibration
 - Provision in Analyser for calibration / validation & Zero checking at site by user.
11. **Gas composition -**

	HCl gas at HCl stack at the time of start-up	Cl ₂ Gas at HCl stack at the time of start-up
HCL	0 To 50 ppm mg/m ³	0 To 50 ppm mg/m ³
CO-vol%	0 - 1 %	
Moisture	Less than 700 ppm	
Gas speed in m/s	15 to 17 m/s	
Pressure	754 mmHg A	
Concentration of particulate matter	400 to 450 mg/Nm ³	
Temperature of Gas	30-70 DEG C	
Dew Point	Varies depending upon the operating conditions	
Other Gases/Vapours	Wet Chlorine, HCl Vapours, moisture, Nitrogen Gas	

Pollution Control Device- Wet Scubber

Dia of Sampling Point- 0.1 mtr

Stack MOC- PVC

FOR ANY DETAILED TECHNICAL DISCUSSION YOU MAY SEND YOUR EMAILS AT dclidgppurchase@rediffmail.com.

ONLY MANUFACTURERS/SUPPLIER HAVING EXPOSURE TO SIMILAR TYPE OF INDUSTRY WILL BE ENTERTAINED. PART QUOTATION MAY BE ACCEPTED.

EXECUTION CERTIFICATE AND CREDENTIAL MUST BE ATTACHED WITH THE SUBMITTED OFFER IN E-TENDER PORTAL.

MANUFACTURER/TRADER ARE REQUESTED TO OFFER THEIR BEST PRICE IN THE BOQ BY CONVERTING PRICE IN INR FORMAT.

Terms and conditions to Bidders: -

(i) Techno-commercial documents include (Statutory and Non Statutory Cover): The intending bidder has to upload the scanned copy of the following documents for evaluation of their eligibility: -

- (a) GST registration certificate.
- (b) PAN Card and Latest IT return.
- (c) Last 3 years IT return

(ii) Credential: Credential towards supply of the similar items during the last 3 years.

(iii) Evaluation & Submission: Price bid of the techno commercially qualified bidders will be opened after evaluation of the Techno commercial bids, subject to physical submission of EMD.

(iv) Acceptance: The **lowest offer of individual items** will be accepted among those techno commercially qualified bids.

(v) Payment Terms: 100% payment along with applicable GST charge shall be payable by the Co.(DCL) after 30 days on receipt and acceptance of consignment (s) at our Durgapur Works, against GRN

(vi) Price: Prices have to be quoted on FOR-DCL Stores, Durgapur Basis. The prices should remain firm during the period of contract unless specifically agreed to and provided in the contract.

(vii) Delivery: Time of delivery as mentioned on the Purchase Order shall be the essence of the contract and no variation shall be permitted except with prior authorization in writing from the Co(DCL). Goods should be delivered in good order and condition at DCL Works, Durgapur within the time specified in the Purchase Order. Otherwise the company will have the option to cancel the whole or any part of the contract and or purchase the material from alternative source at the risk, responsibility and cost of the supplier.

(viii) Test Certificate: Copy of the Manufacturers Test Certificate should be furnished along with the consignment.

(ix) Consignee: HOD (Purchase & Stores), Durgapur Chemicals Limited, Durgapur-713215. West Bengal.

(x) Invoicing: Final Tax invoice in triplicate should be sent to HOD (Purchase & Stores), Durgapur Chemicals Limited, Durgapur-713215. West Bengal.

(xi) Paying Authority: HOD (A&T), Durgapur Chemicals Limited, Durgapur-713215. West Bengal.

(xii) Award of Contract: The company reserves the right:

- (I) To accept at its sole and un-fettered discretion, any tender or whole or part or reject any or all tenders without assigning any reasons thereof.
- (II) To award the contract to one or more number of firms either at equal price or at equal prices.
- (III) The company does not bind to accept the lowest tender or assign any reason for non-acceptance of the same.

(xiii) Validity of Offers: Tenders shall remain open for acceptance for 90 Days from the date of opening of the Tender. No revision/ Modification in the Tender Rate will be allowed during the validity period of the Tender.

(xiv) Arbitration: In the event of any dispute or any difference arisen in respect of the meaning and scope, Terms and Conditions herein contained in connection with the contract the same shall be referred to the award of an arbitrator to be nominated by the Co.(DCL) as sole arbitrator. The award of the sole arbitrator shall be final and conclusive according to the provisions of The Arbitration and Conciliation Act, 1996 and the rules there under and any statutory modifications thereof shall be deemed to apply and to be incorporated in this contract.

(xv) Jurisdictions: Courts at Kolkata/Durgapur shall have Jurisdiction to decide or adjudicate upon any dispute which may arise out of or be in connection with the contract.

The Bidders are requested to upload the Documents in the Format Given Below:

Statutory Documents/ Technical Packet:

- (i) **NIT:** The NIT must be downloaded properly, and the same must be Digitally Signed and Uploaded.
- (ii) **EMD & TENDER FEE:** EMD- Rs. 50,000/-, to be submitted online

Financial Packet: The price should be quoted in the BOQ format which should be downloaded from the website. The filled in BOQ should be uploaded in the Financial Packet.

HOD(Purchase & Stores)
Durgapur Chemicals Limited