



# NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

An autonomous institute of Govt. of India under MHRD

Mahatma Gandhi Avenue, Durgapur – 713209, West Bengal, India

Tel: +91 343 2755239/2755297 | Fax: +91 343 2547375 | Website: <http://www.nitdgp.ac.in>

Ref. No. **NITD/BRICS/2020/04**

Date: 11/02/2020

## Tender-Notice

**Enquiry no: NITD/BRICS/2020/Notice/4**

(against project no.: DST/IMRCD/pilot call 2/envirorganic/2018(G))

All the concerned Vendors/ suppliers are request to submit a competitive quotation (Limited Tendering) for supply of following instrument as per the specifications given below.


Sl. No.	Brief Description of the Items	Minimum Specifications
01	Photo Reactor	Details are given in the attachment (Annexure I)

### General terms and Conditions:


- All duties, taxes and other levies payable by the bidder shall be included in the total price F.O.R. NIT Durgapur along with free delivery charges.
- The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- The bidding price must be quoted in Indian Rupees.
- Quotation should remain valid for 30 days from the date of quotation submission.
- All other terms and conditions will be followed as per the purchase rules of NIT Durgapur. All other terms and conditions of GFR 2017 of the Government of India will be applicable. Settlement of any dispute will be made under the jurisdiction of honourable Durgapur Court.
- Delivery to be made at the Department of Civil Engineering, NIT Durgapur.
- Terms and condition of warranty, if applicable must be documented clearly.
- Payment details must be stated clearly.
- Delivery should be made within 3 weeks from the acceptance of purchase order.
- Installation, commissioning and demonstration would be performed within 07 days after the delivery of the item(s). The installation, commissioning and demonstration certificates must be delivered at the day of installation, commissioning and demonstration.
- Payment shall be made immediately within 60 days after satisfactory installation, commissioning and demonstration (along with certificates) after the acceptance of the goods in proper condition. Payment will be released only after receiving the installation, commissioning and demonstration certificates.
- Comprehensive onsite warranty shall be applicable to the supplied goods for a period of minimum **12 months** from the date of installation. Terms and conditions of warranty, if applicable, must be documented clearly.
- The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive in terms of technical specifications asked for and who has offered the lowest evaluated quotation price.
- The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which are properly signed and Confirm to the terms and conditions, and specifications
- The Institute is exempted from payment of custom and excise duty on items mentioned below: Scientific and technical instruments, apparatus, equipment (including computers); Accessories, spare parts and consumables thereof; Computer software, CD-ROM, recorded magnetic tapes, microfilms, and microchips.
- The required document such as “Custom Duty Exemption Certificate” and “Declaration for GST Concession” will be provided to the successful bidder at the time of placement of purchase order.
- Liquidated Damage will be applicable at the rate of 0.5% per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.

Sealed quotation is to be submitted at Department of Civil Engineering, NIT Durgapur within 2 weeks from the date of notification with a tag of the Enquiry No. and Ref. No. as given in the Notice. The quotation must be addressed to the **Dr. Supriya Pal, BRICS Project, Department of Civil Engineering, NIT Durgapur, M. G. Avenue, Durgapur-713209, West Bengal, India.**

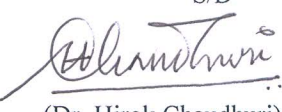
With the approval of the competent authority.

  
(Dr. Supriya Pal)

BRICS Project

  
(Dr. Mrinal Kanti Mandal)

BRICS Project


S/D  
  
(Dr. Hirok Chaudhuri) 11/02/2020

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## Annexure 1

SI No	Item
1	<b>Photo reactor</b> 300 ml capacity Quartz /Quartz jacket Reactor Multi nozzle Type with Centre Joint (i) Sample inlet outlet, Sample collection hole with airtight valves & regulators. (ii) Quartz reaction chamber - Photo catalytic Reactor with triple jacketed with 3 port to insert catalyst, Sample draw and one for additional use like temperature sensor etc. (iii) Inner jacket made of quartz. (iv) Outer jacketed made of borosilicate glass (v) Extra cooling jacket for water circulator with two port inlet and outlet port made of quartz. (vi) Threaded Super Seal Design to Clamp UV Lamp Jacket Imported Quartz Jacketed Tubular Vessel for UV Lamp
2	500 ml Reactor quartz reactor vessel, outer borosilicate
3	1000 ml Reactor quartz reactor vessel, outer borosilicate
4	UV Protection cabinet made of MS Powder coated
5	Vis Lamp with variable intensity range 420 nm to 1100 nm Lamp wattage: 100W, Lamp Voltage: 230V +/- 10%, Type of Current: AC
6	Power supply for Vis lamp 100 W
7	UV Light sources , High Pressure Mercury Lamp Frequency range : between 200 and 400 nm, Lamp wattage: 100W, Lamp Voltage: 230V +/- 10%, Type of Current: AC, Reference spectrum data for light source, should be provided
8	Power supply for UV Lamp 100 W

S/D

  
 (Dr. Supriya Pal)  
 BRICS Project

  
 (Dr. Mrinal Kanti Mandal)  
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 (Dr. Hirok Chaudhuri)  
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