

Department of Chemical Engineering  
 Indian Institute of Technology  
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August 5, 2014  
 IITD/BCHE/Sudip/ RP02854/2014-2015/UVOC

Dear Sir,

Sealed Technical and Commercial Quotations are invited separately for the Purchase of UV/Ozone cleaner with Digital Programmable Controller & Heated Stage with the following major specifications. You should quote for various options as indicated in specifications and other items available with the instrument. Your quotation should reach latest by 20/08/2014 by 5:00 PM to the Head of Department; your specifications should be superscripted by our reference number.

**Specifications :**

(1)Basic System	Programmable Digital Controller for more operation control. - Digital Count down display. - Easily upgradeable to the temperature controlled system - Function “pause” and “interrupt” capability - Internal Memory for previous settings
(2)Sample Height	All systems have an adjustable height stage with an external stage lock for proper sample spacing from the lamp. Standard stages are the UV grid size or larger
(3) UV Grid	Ozone producing Mercury vapor grid lamp with reflector. Half life approximately 5000 hours
(4)UV Reflector	The UV Reflector is generally 1” larger than the grid size. For example for a 4x4” grid the reflector is 5x5”.
(5)Sample Loading	Chamber hinges up and away from the sample staging area allowing ~360 degree access for loading.
(6)Ozone detector:	It should have ozone concentration detector and indicator. Precise control of ozone production should be there.
(7)Safety	Safety interlock turns off UV lamps when chamber is opened.
(8) Power:	220 VAC, 50 Hz
(9) Warranty	option-1: 1year; option-2:3year

## **Terms and Conditions**

1. Letter from the manufacturer specifically to quote for this tender is to be attached for authenticity of dealership/ agency and the dealer should be authorized service provider.
2. Sealed quotations in separate envelopes of Technical and Commercial bids kept in one sealed outer envelope should be submitted
3. Special discount/ rebate wherever admissible keeping in view that the supplies made for educational purposes in respect of the public institution of national importance may please be indicated.
4. Taxes, terms and conditions should be clearly mentioned. The rates quoted must be at *CIF Delhi price*.
5. Payment terms and conditions should be clearly mentioned. No advance payment is encouraged by IIT Delhi.
6. The Institute/ purchase committee has the right to accept or reject any bid or all quotations without assigning any reason whatsoever.
7. Firm **MUST** provide a compliance statement vis-à-vis specifications in a “tabular form” clearly stating the compliance and giving justification, if any supported by technical literature with clear reference of page number, paragraph or lines. This statement must be signed, with the company seal, by the tendered for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the tender. The quotation should be complete in all respects (as per IIT-Delhi rules).
8. Sealed quotations in separate envelopes of Technical and Commercial bids kept in one sealed outer envelope (super-scribed “Quotation for UV Ozone cleaner”) should be addressed to Head of Department Attn: Dr. Sudip K. Pattanayek, Department of Chemical Engineering, Indian Institute of Technology, Hauz Khas, New Delhi 110016, INDIA and should reach by 5.00pm **August 20, 2014**

Sudip K. Pattanayek