



Indian Institute of Technology Bhilai (IIT Bhilai)

GEC Campus, Old Dhamtari Road, Sejbahar, Raipur, Chhattisgarh, India – 492015

www.iitbhilai.ac.in

NOTICE INVITING QUOTATION

FOR

“SUPPLY OF CHEMICALS FOR SOLAR CELL FABRICATION AT IIT BHILAI”

Indian Institute of Technology Bhilai (IIT Bhilai), an autonomous body under the Ministry of Human Resource Development, Govt of India invites e-quotation for **“Supply of Chemicals for Solar Cell Fabrication at IIT Bhilai”**. Tender Documents may be downloaded from Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)). Bidders are advised to submit duly filled bids as per the following schedule:

Invitation for Bids (IFB) No & date	IITBh/Goods/Phy/2020-21/092 Date 27.10.2020
Place of Supply etc.	Indian Institute of Technology Bhilai GEC Campus, Old Dhamtari Road, Sejbahar, Raipur-492015, Chhattisgarh
Bid Submission Start date	October 30, 2020, 1400 Hrs
Last Date of Submission of Bids	November 12, 2020, 1500 Hrs
Date of Opening of Technical Bids	November 13, 2020, 1500 Hrs
Place of Opening of Technical Bids	Online through eProcurement portal.
Contact information (Tender Inviting Authority)	Special Administrative Officer Indian Institute of Technology Bhilai, GEC Campus, Old Dhamtari Road, Sejbahar, Raipur 492015, Chhattisgarh Phone: +91-771-2973622, Email: sp@iitbhilai.ac.in For technical enquiries: Email: dhriti.ghosh@iitbhilai.ac.in

SCHEDULE OF REQUIREMENTS

Sl No.	Chemical Description	Purity %	Form	Quantity/Size
1	Spiro-OMeTAD		solid	2g
2	C60	99.50%	solid	1gm
3	CsI	99.999%	trace metal basis	10 g
4	diethyl ether	99.70%	anhydrous liq	1L
5	Cesium bromide(CsBr)	99.999%	trace metal basis	10 g
6	rubidium iodide (RbI)	99.90%	trace metal basis	10gm
7	3-chloropropylamine hydrochloride (3-CPACI)	98%		50 g
8	Methanol	99.80%	anhydrous Liq	1L
9	Titanium diisopropoxide bis acetylacetonate	75 wt. % in isopropanol	Liquid	500ml
10	1 Butanol	99.8	Anhydrous liquid	1L
11	Ethanol	Absolute	Liquid	1L
12	Acetylacetone	>99	Liquid	500ml
13	PbBr ₂	99.99	Powder	20g
14	MAI	99	Powder	50g
15	MABr	99	Powder	10g
16	FAI	99	Powder	5g
17	Ethyl Acetate	99.8	Anhydrous liquid	1L
18	CuI	99.999	Powder trace metal basis	25g
19	CuSCN	99	Powder	50g
20	Diethyl Sulfide	98	Liquid	100ml
21	Dipropyl Sulfide	97	Liquid	25g
22	IPA	99	Liquid	15L
23	Acetone	99	Liquid	15L
24	Ethanol		Liquid	8L
25	Iso Amyl Acetate		Liquid	500ml
26	PTFE filters 0.22 micron			100
27	PTFE filters 0.45 micron			100
28	PET substrate 300mm*300mm Thickness= 0.25mm		Sheet	2
29	PEN/ITO substrate 210mm*297mm 15ohm/sq T=80%		Sheet	2

Note: Bidders compliance should be submitted as a technical Bid.

Terms and Conditions:

- 1) Bidders should fulfil and comply with the given specifications.
- 2) **All bidders should quote Prices in Indian Rupees and should be inclusive of all Taxes, Duties & Price should be quoted FOR IIT Bhilai.**
- 3) **IIT Bhilai is eligible for concessional GST @5%. At the time of issue of PO, Concessional GST Certificate will be issued under the GoI notification No. 45/2017 and or 47/2017.**

- 4) All quotations will be evaluated for selecting the L1 price and L1 Bidder will be awarded the Purchase Order. The item shall be required to be delivered at Physics Department through Stores and Purchase Section of IIT Bhilai at the risk and cost of the bidder, if applicable.
- 5) Your bid must be valid for a minimum of 90 days from the date of opening of tender.
- 6) The items are required to be delivered within 4-6 weeks from the date of the purchase order, late delivery may not be accepted.
- 7) The quotation should be submitted through e-procurement portal only.**
- 8) Attested copy of the GST Certificate is to be attached to the bid.
- 9) The items offered should be of good quality.
- 10) Advance payment is not admissible. Payment shall normally be made within 30 days' subject to receipt and acceptance (as per Purchase Order Terms) of the ordered materials/items.
- 11) In case of the unscheduled holiday in Raipur being declared on the prescribed closing/ opening day of the tender, the next working day will be treated as the scheduled prescribed day of closing/ opening of the tender.
- 12) Institute reserves the right to accept the delivery in part or full and to claim liquidated damages at 0.5% per week subject to a maximum of 10% the total value of Purchase Order.
- 13) Any other information that you may like to obtain, you are free to contact IIT Bhilai through mail at sp@iitbhilai.ac.in before submission of the quote.
- 14) IIT Bhilai reserves the right to reject any or all bids, amend/ withdraw any terms and conditions in the document or to cancel the NIQ at any stage without assigning any reason.

Stores and Purchase Office
IIT Bhilai