

TRANSMISSION ELECTRON MICROSCOPE

10th July, 2013

Sealed quotations are invited in two bids, (technical and commercial in separate sealed Envelopes) kept in one sealed envelope for supply of transmission electron microscope having the following specifications:

	Feature	Specifications
1	Electron Emitter	Should be able to use both W and Lab6 filaments
2	High Tension HT Stability	Upto 120 KeV
	Line Resolution	0.20nm (must mention the resolution with W emitter and Lab6 emitter)
4	Basic TEM Modes	<ul style="list-style-type: none"> ▪ Bright Field , dark Field , Low dose , diffraction ▪ Observation with CCD camera
5	Magnification Mag mode: SA mag mode	x600000 or more x100000 or more
6	Specimen alpha tilt angle	± 70 degree
7	Vacuum System	IGP/ODP-ODP & PVP
8	Specimen stage and holders	Fully computer controlled Eccentric, high stability stage with all controls
9	Illumination system	Gun alignment automation : auto saturation with manual override, Auto-conditioning ; Adjusting and Centering - focus astigmatism correction, eccentricity and rotational centering
10	Recording System Image resolution	Complete CCD imaging software for data collection and analysis 8 Mega pixel cooled CCD camera with software for data collection and image analysis
11	Please quote separately for the following :	
A	EDS attachment	Liquid nitrogen free SDD detector with 30 mm ² area with complete software for spectra acquisition, element identification and qualitative and quantitative elemental analysis.
B	Essential spares (with complete list) for three years operation	

GENERAL TERMS & CONDITIONS

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| i. Price quoted | Please quote the prices on FOB, New Delhi mode inclusive of all taxes, freight and installation charges. |
| ii. Terms of payment | 100% payment within 30 days after receipt of goods in sound condition by means of Letter of Credit. IIT Delhi is exempted from paying excise duty/custom duty. |
| iii. Validity of quotation | Quotations will be considered valid for 3 months from the date of receipt unless otherwise stated. |
| iv. Correspondence | No correspondence regarding the acceptance or rejection of a quotation will be entertained. |
| v. Method of submission | Quotation should be sent in a sealed cover marked at top our N.I.Q. REFERENCE and DUE DATE. Quotation should contain separately sealed (i) Commercial bid and (ii) Technical bid both in one main sealed cover. Quotations not satisfying the same will be rejected. |
| vi. Discount/rebates | Keeping in view that the item supplied will be used for educational purpose special discount/rebate may please be stated clearly. |
| vii. Compliance Statement | Compliance statement against tender specifications must be submitted. |
| viii. Warranty | Three years comprehensive onsite warranty be provided and AMC beyond three years should be mentioned separately. |
| ix. Delivery | Please mention the delivery period after receipt of supply Order. |
| x. Information: | Detailed brochures should accompany the offer. |
| xi. Agency certificate | If the bidder is an authorized dealer/agent then the authorized Indian dealership/agency certificate from the principles should be enclosed. |
| xii. Director's right | Director reserves the right to accept or reject any or all quotations without assigning any reason whatsoever. |

Note:

1. Details of User List with phone number and email ID should be provided.
2. Complete set of manuals for the operation and servicing of equipment should be given. All circuit diagrams, other mechanical and electrical schematics must be provided to Main unit, sub systems and accessories.

Quotations must reach the office of Prof. Veena Choudhary, Head, Centre For Polymer Science and Engg, IIT Delhi, Huaz khas, New Delhi 110016 on or before 5 PM on 5th August 2013.

Prof. Veena Choudhary,