



# NATIONAL MUSEUM INSTITUTE

OF HISTORY OF ART, CONSERVATION AND MUSEOLOGY

(Deemed to be University)

**Campus:** A-19, Institutional Area, Sector-62, NOIDA, UP - 201309

**Regd. Office:** 1<sup>st</sup> Floor, National Museum, Janpath, New Delhi - 110011

**Website:** www.nmi.gov.in **Phone:** 0120-2975620, 2975621, 2975625

**Date: 06.06.2022**

## TENDER NOTICE

National Museum Institute of History of Art, Conservation and Museology (NMI), New Delhi invites Tender under two bid systems (Technical and Financial) from reputed and registered Firm/Agency/Manufacturer for supply and installation of Conservation Lab Equipment (**as per the Specifications mentioned at page no. 3 & 4**) at the National Museum Institute, A-19, Institutional Area, Sector-62, NOIDA, under terms & conditions specified in the tender document.

### **The requirement and eligibility criteria are as follows:**

1.	<b>Due date:</b> The tender has to be submitted off-line before the due date i.e. <b>22.06.2022, 05.00 pm</b> . The tenders received after the due date and time will not be considered.
2.	<b>Preparation of Bids:</b> The tender should be submitted in two bid systems i.e. Technical bid and Financial bid. The Technical bid should consist of all technical details along with commercial terms & conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid.
3.	<b>Opening of the tender:</b> The bids will be opened by a committee duly constituted for this purpose. The Committee reserves the right to reject any or all offers without assigning any reason.
4.	<b>Pre-qualification criteria:</b> (i). Bidders should be the original equipment manufacturer (OEM)/authorized dealer. Letter of Authorization from OEM on the same and specific to the tender should be enclosed. (ii). An undertaking from the OEM is required stating that they would facilitate the bidder on a regular basis with technology/product updates and extend support for the warranty as well. (iii). OEM should be a reputed branded company. (iv). The bidder should have at least 10 years of experience of supplying such items to reputed government institutions, universities and other technical organizations. (v). In the tender, either the Indian dealer on behalf of the OEM or OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender. (vi). If a dealer submits bid on behalf of the OEM, the same dealer shall not submit a bid on behalf of another OEM in the same tender for the same item/product. (vii). Non-compliance of tender terms, non-submission of required documents, lack of clarity of the specifications, contradiction between bidder specification and supporting documents etc. may lead to rejection of the bid.

5.	<p><b>Delivery and Documents:</b>  Delivery of the goods should be made within a maximum of 6 weeks.</p> <ol style="list-style-type: none"> <li>(i). Copies of the Supplier invoice showing contract number, goods' description, quantity;</li> <li>(ii). Unit price, total amount;</li> <li>(iii). Insurance Certificate if applicable;</li> <li>(iv). Manufacturer's/Supplier's warranty certificate;</li> <li>(v). Supplier's factory inspection report, if applicable;</li> </ol> <p>The above documents should be received by the Purchaser before arrival of the Goods.</p>
6.	<p><b>Prices:</b> The price (in INR) should be quoted in net per unit (after breakup) and must include all packing and delivery charges for delivery at NMI, Noida Campus (4th floor, A-19, Institutional Area, Sector-62, Noida, UP).  The offer/bid should be exclusive of taxes and duties, which will be paid by NMI as applicable. However, the percentage of taxes &amp; duties shall be clearly indicated.</p>
7.	<p><b>Installation &amp; Demonstration:</b>  The supplier is required to do the installation and demonstration of the equipment within one week of the arrival of materials at the NMI site of installation.  The Supplier is required to provide training to the designated technical and end-user personnel to enable them to effectively operate all the equipment.</p>
8.	<p><b>Warranty:</b>  After the warranty period is over, Annual Maintenance Contract (AMC)/Comprehensive Maintenance Contract (CMC) up to next two years should be started. The AMC/CMC charges should not be included in computing the total cost of the equipment and shall be quoted separately.</p>
9.	<p><b>Defective Equipment:</b> If any of the equipment supplied by the Tenderer is found to be substandard, refurbished or not in accordance with the description / specification or otherwise faulty, the committee will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Tenderer with 18% interest if such payments for such equipment have already been made.</p>

Interested parties are requested to submit their tender comprising of technical bid in one envelope superscribed as “**Technical Bid**” and financial bid in another envelope superscribed as “**Financial Bid**” and both envelopes sealed in a single envelope superscribed as “**Quotation for supply of Conservation Laboratory Equipment**” to the office of **Registrar, National Museum Institute, A-19, Institutional Area, Sector 62, Noida, Uttar Pradesh - 201309** by **22<sup>nd</sup> June 2022 at 05.00 pm**. The Institute reserves the right to accept/reject any or all tender(s) without assigning any reason / notice thereof. Last date of submission of the tender may also be mentioned on the envelope containing the tender.

Sd/-  
**Dr Savita Kumari**  
**Registrar I/c**

## Specifications of Equipment

S. No.	PRODUCT	Equipment	QUANTITY
		DESCRIPTION	
1	Free standing studio light (Daylight + UV)	<ul style="list-style-type: none"> <li>● Free standing LED lights for daylight and UV, Height and angle adjustable</li> <li>● CRI <math>\geq</math> 95</li> <li>● 220-240 V input voltage</li> <li>● Long life (50000 hours or more life)</li> <li>● Beam angle <math>\leq</math> 60°</li> <li>● Colour temperature= 5000°-5600°K for daylight</li> <li>● Colour correction confirming to BS/EN/ASTM/ISI standards or equivalent</li> <li>● Inline switch/ controller to adjust light intensity with power supply cable [3m or more]</li> <li>● Telescopic tripod with castor wheels, equipped with brake with adjustable heights of min. 24" to 96" inch</li> </ul>	2
2	Magnifying Lamp	<ul style="list-style-type: none"> <li>● Lamp with magnifier and LED/fluorescent light, equivalent to daylight</li> <li>● Adjustable lamp head with a biconvex lens</li> <li>● 220-240 input Voltage</li> <li>● A spring-balanced arm with on/off switch and clamps for table mounting</li> <li>● Trolley stand with castors</li> </ul>	2
3	UV light	<ul style="list-style-type: none"> <li>● Handheld lamp with LED light for U.V. with adjustable angle</li> <li>● Long life (50000 hours or more life)</li> <li>● Wavelength : <math>&lt;</math>370 nm, Luminous flux: 4200 mW</li> <li>● Power supply 240V 50/60 Hz, output voltage of 18-36 V</li> <li>● Lamp holder handle with ON/OFF switch with cable [1.5 metre or more] for power supply</li> </ul>	1
4	Hot spatula	<ul style="list-style-type: none"> <li>● Control unit with a display to show the selected temperature and actual temperature</li> <li>● Push buttons for ON/OFF and temperature adjustment</li> <li>● 220-240 V input voltage, 60 Watt</li> <li>● Temperature range of 30°- 200° Celsius or more</li> <li>● Set of leaf shaped, pointed plate or button tips in chromium-plated copper and screw joints for handle</li> <li>● Hand piece with tip-holding shaft, built-in probe and connection cable to the control unit (1m or more)</li> </ul>	2
5	Benchtop pH meter	<ul style="list-style-type: none"> <li>● pH range from -2.00 to +16.00</li> <li>● voltage potential of -2000 to 2000 mV</li> <li>● Measuring range of -5°- 105° C</li> <li>● Resolution: 0.01 pH or better, 1mV, 0.1°C</li> <li>● Error limits: <math>\pm</math>0.01pH, <math>\pm</math> 1mV, <math>\pm</math>0.5°C</li> <li>● Automatic temperature compensation (ATC) and Manual Temperature compensation (MTC)</li> <li>● pH buffer powder/solution set</li> <li>● Power supply input: 100-240 V/ 50- 60 Hz; output: 12 V DC</li> <li>● LCD display</li> </ul>	1
		<ul style="list-style-type: none"> <li>● Electrode holder</li> </ul>	

6	ELSEC 765 Environmental monitor	<p>With data logging Twin silicon photodiodes connected to microprocessor 400-700nm visible wavelength 0.1-200,000 Lux (0.1-20,000 Foot-candles) visible power range 300-400 nM UV wavelength range 2-10,000 mW/m<sup>2</sup> UV power range Capacitive film type RH sensor 0-99% RH range Accuracy: a. Light: 5% + 1 displayed digit b. UV: 15% + 1 displayed unit c. Temperature: + 0.5° C d. RH : + 3.5%</p> <p>Data logging time intervals of 10 seconds, 1 minute, 10 minutes or 1 hour Built in USB flash drive for computer interface AAA NiMh rechargeable batteries Operating temperature: 0° to 60° C</p>	1
7	Magnetic stirrer with bar	<ul style="list-style-type: none"> <li>● Stirring capacity: Max 2L</li> <li>● Maximum stirring speed – up to 1500 rpm with step-less speed control and good speed stability</li> <li>● Heating Capacity – up to 350° C</li> <li>● Hotplate Size -175mm dia.</li> <li>● Power Supply – 220/240V, 50Hz, A.C</li> <li>● Controls for both hotplate and stirrer should be provided with suitable indicators.</li> <li>● Stirring Unit should be enclosed and Hotplate should be chemically resistant to acid and alkali</li> <li>● Necessary electrical cables should be provided.</li> <li>● Warranty – minimum 1 year</li> </ul>	1