

No. 23(1)/2015-16/Smart Class Room/Plan/Pur.

NATIONAL SUGAR INSTITUTE

An ISO 9001:2008 Certified Institute
Ministry Of Consumer Affairs, Food & Public Distribution
Department of Food & Public Distribution
(Government of India)
Kanpur

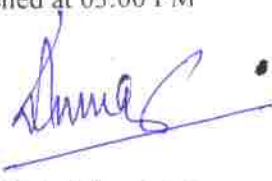
TENDER NOTICE

Sealed tenders are invited in Two Bids (Technical & Financial) for and on behalf of the President of India from authorized Manufactures/ Dealers/Suppliers by the Director, National Sugar Institute, Kanpur for supply of following equipments.

Sl.No.	Name of Equipment	Quantity Required	EMD Amount
1.	Interactive Smart Board	03 Nos.	Rs. 37,500/-
2.	Ultra-Short-Throw Projector	03 Nos.	
3.	Teaching & Learning Software	03 Nos.	
4.	Audio System	03 Nos.	
5.	Computer (Intel Core I 3 Configuration Commercial series.	06 Nos.	

The specification & other information is available in the Tender Document which may be downloaded from the Institute website <http://nsi.gov.in> . In case the documents is downloaded from website a Demand Draft of Rs. 500/- as Tender Fee may be prepared in favour of Director, National Sugar Institute, payable at Kanpur is to be enclosed with Technical Bid.

Date of Tender submission is on or before 16.09.2015 by 01:00 PM and shall be opened at 03:00 PM on the same day.



(Abhai Kumar)

Administrative cum Purchase & Sales Officer

संख्या : 23(1)/2015-16/Smart Class Room/Plan/Pur.

राष्ट्रीय शर्करा संस्थान

एक आई0एस0ओ0 9001:2008 प्रमाणित संस्थान
उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय
खाद्य एवं सार्वजनिक वितरण विभाग
(भारत सरकार)

निविदा सूचना

भारत के राष्ट्रपति के प्रदत्त अधिकारों का प्रयोग करते हुए निदेशक, राष्ट्रीय शर्करा संस्थान, कानपुर द्वारा संस्थान की कृषि प्रयोगशाला में प्रयोग हेतु प्रतिष्ठित उपकरण निर्माता और उसके अधिकृत एजेंट/वितरक/अधिकृत विक्रेताओं से निम्नलिखित मदों की अलग-अलग दो बोलियां तकनीकी तथा वित्तीय में मोहर बंद लिफाफे में निविदाएं आमंत्रित की जाती हैं।

क्रम सं०	उपकरण का नाम	माँगी गई मात्रा	ई0एम0डी0 राशि
1.	इंटरैक्टिव स्मार्ट बोर्ड	03 अद्द	रु० 37,500 / -
2.	अल्ट्रा-शॉर्ट-श्रॉउ प्रोजेक्टर	03 अद्द	
3.	टीचिंग एण्ड लरनिंग सॉफ्टवेयर	03 अद्द	
4.	ऑडियो सिस्टम	03 अद्द	
5.	कम्प्यूटर (इंटेल कोर आई-3 कन्फिग्रेशन कॉमर्शियल सीरीज)	06 अद्द	

अन्य विवरण निविदा दस्तावेज में उपलब्ध हैं जिसे संस्थान की वेबसाइट <http://nsi.gov.in> से प्रकाशन की तिथि से डाउनलोड किया जा सकता है। दस्तावेज शुल्क रु० 500/- का डिमाण्ड ड्राफ्ट जोकि निदेशक, राष्ट्रीय शर्करा संस्थान, कानपुर के पक्ष में देय हो, तकनीकी बोली के साथ संलग्न किया जाये।

बोली प्रस्तुत करने की अंतिम तिथि 16.09.2015 को 01:00 बजे तक या इससे पूर्व जमा करें, तथा निविदा उसी दिन अपराह्न 03:00 बजे खोली जाएगी।



(अभय कुमार)

प्रशासनिक सह क्रय एवं विक्रय अधिकारी

No. 23(1)/2015-16/Smart Class Room/Plan/Pur.
NATIONAL SUGAR INSTITUTE
 An ISO 9001:2008 Certified Institute
 Ministry Of Consumer Affairs, Food & Public Distribution
 Department of Food & Public Distribution
 (Government of India)

Phone : 2570541,542,543
 Fax : 0512-2570247
 Email : nsikanpur@nic.in
 Website: <http://nsi.gov.in>

Kanpur, Dated: 27.08.2015

TENDER DOCUMENT

Tender document against Tender Notice for supply of instruments as per details and terms and conditions given below:-

Sl.No.	Name of Equipments	Quantity Required	EMD
1	INTERACTIVE SMART BOARD <ul style="list-style-type: none"> o Active Screen Area:-77 inches Diagonal o Touch and gestures Perform mouse functions with your finger, and write and erase digital ink with a pen tray pen or the eraser. Interactive whiteboard must have gesture capability feature to provide a natural and flexible way to interact with content. o Multi-touch capabilities: Enables two users to draw simultaneously on the interactive whiteboard surface o Resolution: Touch resolution 4000 × 4000 or better. o Screen surface: The hard-coated steel surface is durable, optimized for projection, compatible with dry-erase markers and easily cleaned. o Mounting: Wall Mounted(to be mounted by vendor) o Computer connection: 16' (5 m) USB 2.0 cable and 6' (1.8 m) power cable o Power requirements: Obtains power from the projector through the ECP cable or from computer through USB. o Warranty: -5 years or more. 	03	
2	ULTRA-SHORT-THROW PROJECTOR <ul style="list-style-type: none"> o System components : Projector, wall mount, ECP, remote control and all input cables necessary to connect the ECP to the projector o Image adjustment: The wall mounted projector should include mechanical adjustments for aligning the projector image with the interactive whiteboard. The projector should also have a focus lever and an on-screen menu for adjusting brightness, contrast and other image-related attributes. o Display type; WXGA 1280 × 800 or better o Brightness: Estimated at 2500 lumens or better o Lamp life: 2500 hours or better in Standard 230 W mode. 4000 hours or better in Economy 190 W mode o Aspect ratio: 16:10 with support for 16:9, 4:3 and 5:4 ratios with scaling o Contrast ratio: 2000:1 o Video system compatibility: HDTV and HD ready, NTSC, NTSC 4:43, PAL, PAL-N, PAL-M and SECAM o Video interface compatibility: HDCP compliant HDMI, Composite, S-video, VESA® RGB with additional interface support for Component YPbPr and Component YCbCr inputs with the proper adapters (not included) o Video format compatibility: The projector has a native 16:10 aspect ratio WXGA resolution and supports VGA, SVGA, SXGA, Quad VGA, SXGA+ and UXGA formats with scaling. o Synchronization: Auto image synchronization (auto tracking, frequency, position adjustment, source detect and phase detect) 	03	37,500/-

	<ul style="list-style-type: none"> ○ Mounting hardware: should include hardware for mounting the projector to framed and solid walls. Also includes a safety tether. ○ External control: There should be provision to accept hard wired control from computer ○ Remote control: Provides an alternative method of controlling the projector and adjusting the projector settings 		
3	<p>Teaching & Learning Software:-</p> <ul style="list-style-type: none"> ○ Interactive whiteboards must have collaborative learning software, which sets the standard for creating, delivering and managing interactive lesson activities within a single application. The software must have ability to puts instructional materials at teachers' fingertips and allows them to save any notes or content written during a lesson to share with students later on. Powerful and easy to use, software must have ability to readily deliver interactive lesson activities ○ Software must have Contents Creation tools like lesson Builder, sound recorder, tools, insert function auto spell check etc. ○ Software must have Teaching tools like internet browser, adaptive toolbar, Reset page, Magic Pen, Presentation highlighter, Dual Display feature, Etc. ○ A software capable to communicate with Interactive Board, Computer and projector, simultaneously it should able to play ppt., Videos, Audios etc& lectures prepared by the teacher. It should be compatible to windows 8.1 professional. 	03	
4	<p>AUDIO SYSTEM</p> <ul style="list-style-type: none"> ○ Features : USB & SD/MMC Inputs to play audio with or without PC ○ Equalizers to enjoy sound with Multiple effects (USB / SD mode only) ○ Wooden cabinets for Woofer & Satellites ○ Output RMS* :Woofer-15W, Satellites (each)-8W *Measured per channel ○ S/N Ratio : $\geq 70\text{dB}$ ○ Total Peak Output : 40W ○ Impedance : 4 Ohms ○ Frequency Response : 20Hz – 20KHz ○ Distortion : $\leq 0.5\%$ (1K, 1W) ○ Separation : $\geq 40\text{dB}$ ○ Inputs : AUX (RCA), USB, SD/MMC ○ Control Panel Functions : Power On/Off, Standby/Mode Select, Prev. Track, Next Track, Play/Pause, Volume, Bass and Treble Controller. ○ Package Content :Sub-Woofer, 2 Satellite Speakers, Remote Control (Battery Included), Audio Cable ○ Necessary connections to install the audio system in the class room at suitable places. 	03	
5	<p>COMPUTER: Intel Core i3 Configuration (Commercial series)</p> <ul style="list-style-type: none"> ○ CPU: Intel Core i3-4130, 3.4 GHz, 3 MB Cache or its higher version. ○ Chipset: Intel Q8 series. ○ Bus Architecture: 3 PCI (PCI/ PCI Express)or more ○ Memory: 4 GB 1600 MHz DDR3 RAM with 32 GB Expandability. ○ Hard Disk Drive: 500 GB 7200 rpm or higher. ○ Monitor: 47 cm (18.5 inch)or larger TFT/LED Digital Color Monitor TCO-05 certified. g. Keyboard : 104 keys ○ Mouse: Optical with USB interface. ○ Bays: 4 Nos. or above. ○ Ports: 6 USB Ports or more (at least 2 USB with 3.0),1 Display port/VGA port, audio ports for microphone and headphone in front. ○ Cabinet: Mini Tower//Tower. ○ DVD ROM Drive: 8X or better DVD RW Drive. ○ Networking facility: 10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up, TPM enabled 1.2 chip using any standard management software. ○ Operating System: Windows 8 Professional or higher/ Linux preloaded with Media and Documentation and Certificate of Authenticity. 	06	

6	<ul style="list-style-type: none"> ○ OS Certifications: Windows 8 Pro. OS / Linux certification. ○ Power Management: Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected. ○ Preloaded Antivirus: Microsoft Security Essentials Software <p>Box:-A suitable box capable of hosting computer in a closet; the same would be used as dais by teachers. (As per drawing attached.)</p>		
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Submission of the Bid:

1. Bids will be obtained separately for item on two bids system "(1) Technical & (2) Financial Bid"
2. The offer along with a tender processing fees of Rs. 500/- and earnest money deposit as mentioned against item above has to be submitted along with Technical Bids to Director, National Sugar Institute, Kanpur on or before **16.09.2015**.
3. The tender processing fee of Rs. 500/- is non-refundable. The earnest money deposit will however be refund to the unsuccessful bidder.
4. The offer should include all technical details and the details of materials used.
5. Separate Demand draft will have to submitted for tender processing fee and earnest money deposits. These should be payable to Director, National Sugar Institute, Kanpur and drawn in any nationalized bank.
6. The supply in all respect shall have to be made within 30 days from the date of issue of order.
7. Under no condition the institute shall entertain advance payment against part work/ supply. This point is very clear and pertinent.
8. The bids are to be submitted by Original Equipment Manufacturer (OEM) or its authorized agent.
9. The bidders must submit technical bids, details along with of similar supplies made to Govt./Autonomous Bodies/ PSUs/ Reputed firms during last 3 financial year.
10. Only one bid can be submitted on behalf of OEM/or its authorized agent.
11. All the bidder are requested to submit their PAN/ TIN details.
12. The Director, National Sugar Institute, Kanpur reserves the right to reject any or all the offers without assigning any reasons.
13. The last date for the submission of tender shall be **16.09.2015** by 01:00 PM and tender shall be opened in the presence of the Tenderers at 03:00 PM on same day.
14. Quoted rates should be valid for six Months.
15. In case, the supplier fails to make supply of material within stipulated time, Institute, holds the right to forfeit the EMD deposited by the Tenderer/ Supplier.
16. Installation & commissioning of the Smart Class equipments supplied is to be done by vendor/ supplier in the class room.
17. All vendors may visit the site in order understand the actual requirement before submitting the quotations.

Note: The Technical bid and financial bid to be submitted in separate envelopes to be sealed and put in a main cover."


(Abhai Kumar)

Administrative- cum- Purchase & Sales Officer