

NOTICE INVITING TENDER

Due Date & Time	17/02/2026
	16.00HRS

Dear Sir,

Quotations are being invited by BHEL, Koderma site for **Supply and installation of audio-visual presentation system for safety training centre** at 2x800 MW, DVC, KTPS, Phase-II, **KODERMA, JHARKHAND** site office on or before **17/02/2026 by 16.00 HRS.**

SL NO.	ISSUE	DESCRIPTION
1.0	Tender Inviting Office	BHEL Site Office 2x800 MW, DVC, KTPS, Phase-II PO- Koderma TPS, Village- Banjhedih Dist- Koderma, Jharkhand-825421
2.0	Scope of Work	Supply and installation of audio-visual presentation system for safety training centre as per Annexure-I (enclosed).
3.0	Project	2x800 MW, DVC, KTPS, Phase-II, Koderma
4.0	BHEL's Customer	DVC
5.0	Tender Document Availability	If desired, the bidder may collect hard copy of tender documents from BHEL site office, Koderma. Offer may be submitted in hard copy or soft copy in email mentioned in quotation enquiry at BHEL, Koderma site office.
6.0	Due Date, Time & Place for submission of offer.	The offer should reach on or before 17/02/2026 by 16.00 Hrs.
7.0	Mode of submission of Tender	Soft copy along with password protected (password to be share at the time of tender opening) through email or hard copy in sealed envelope cover super scribing " Supply and installation of audio-visual presentation system for safety training centre at 2x800 MW, DVC, KTPS, Phase-II, KODERMA, JHARKHAND site ". Note: Since this is a single part bid, no deviation to Tender specifications or Terms & Conditions shall be accepted. Submission of price bid shall be considered as acceptance of tender.
8.0	Date and Time of Bid Opening	17/02/2026 by 17.00 Hrs
9.0	Commercial Terms & Conditions	As per below terms & conditions.

10.0	Earnest Money Deposit (EMD)	Not applicable for this Tender
11.0	Security Deposit (SD)	Not applicable for this Tender
12.0	Price Evaluation Criteria	Total Cost Basis
13.0	Validity of Offer	30 Days from due date of Bid submission.

ANNEXURE-I

<u>A</u>	<u>PC GENERAL-01 (one number)</u>		
SL.NO.	Parameter	Detail Specifications	Compliance
<u>1</u>	Make & Model	HP/DELL/ACER/EQUIVALENT	
<u>2</u>	PROCESSOR	(a) X-86 Architecture Based Microprocessor with minimum 6 Cores and 12 Threads, Turbo frequency/Max Boost Clock 4 GHz or higher. 65W TDP (or lower). (b) The quoted model should be supplied with latest generation of processor, available with the hardware OEM, at the time of final bid submission. A self-declaration by the OEM on its letter head signed by the authorised signatory of the OEM to be submitted.	
<u>3</u>	Motherboard	OEM motherboard with OEM Logo (No sticker)	
<u>4</u>	Chipset	Compatible Chipset for the quoted Processor	
<u>5</u>	RAM	16 GB DDR4 3200 MHz or higher Memory with support up to 32GB on 2 DIMM slots or higher	
<u>6</u>	HDD	a) Min. 256GB PCIe NVMe SSD M.2 for OS partition, b) Min. 1 TB 7200 RPM 3.5" SATA	

		Hard Drive with SMART (Self-Monitoring, Analysis and Reporting Technology) or Equivalent feature or higher.	
<u>7</u>	Monitor	OEM make 19" 16:9 aspect ratio, TCO 8.0 & Energy Star 7.0 compliant.	
<u>8</u>	Graphics	latest On-board Graphics feature	
<u>9</u>	Keyboard	Minimum 104 keys (Same make as PC)	
<u>10</u>	Mouse	2/3 Button Optical Scroll Mouse (Same make as PC)	
<u>11</u>	Audio	Integrated High Definition audio with internal speakers and volume control. Single audio jack (single pin) for connecting ear phones and mic.	
<u>12</u>	Ethernet	Integrated (on-board) 100/1000 Mbps RJ45 port with WOL, PXE (or equivalent).	
<u>13</u>	Wireless	Integrated 802.11 g/n/ac or higher	
<u>14</u>	PCI Slots	Minimum 2 PCI-E slots	
<u>15</u>	Ports	Total 8 USB ports - minimum 2 USB 3.0 and minimum 2 USB 2.0 or better, a headphone output and a microphone jack, RJ45 network interface and 3.5mm audio in/out jacks or combo jack, minimum 2 distinct ports VGA /HDMI/DP	
<u>16</u>	Form Factor	Small Form Factor/Micro Tower Form Factor	

<u>17</u>	Software	<p>a) Should come pre-installed with 64-bit Windows 11 Professional Edition with latest service pack. 17 Software</p> <p>(b) Each desktop should have Restore CD or DVD /Recovery partition.</p> <p>(c) The latest system drivers should be available on OEM's website. Time period should be specified by vendor.</p>	
<u>18</u>	Diagnostic Tool/ Software	Should come with OEM's Diagnostic tool for hardware diagnostics.	
<u>19</u>	Security	(a) Removable media boot control, (b) USB Interface Control, (c) Power-On Password, Setup Password, (d) Should come with (TPM)2.0 Security.	
<u>20</u>	Certifications	(a) OS Certification from Microsoft (b) For OEM: ISO 9001 (Latest version) (c) RoHS compliant (d) Energy Star 7.0 or higher complaint.	
<u>21</u>	Warranty	OEM warranty (labour, parts, on-site). Time period should be specified by vendor.	
<u>B</u>		Projector System -01 (one number)	
<u>SL NO.</u>	<u>Parameter</u>	<u>Detail Specifications</u>	<u>Compliance</u>
<u>01</u>	Make & Model	EPSON EB-L210W/Equivalent	

<u>02</u>	Brief Specification	3800 Ansi Lumens Im, WXGA, 3 LCD projector, HDMI X 1, VGA X 2, Video IN X 1, RS232 X 1, LAN X	
		1, USB A X 1, USB B X 1, Monitor OUT X 1(shared with VGA 2), USB Viewer, USB Display, wireless ready.	
		Standard Accessory: Power Cord, Remote Control (backlit), Ceiling Mount kit.	
		Warranty: Comprehensive OEM warranty. Time period should be specified by vendor.	
<u>C</u>	UPS -01 (One Number)		
<u>SL NO.</u>	<u>Parameter</u>	<u>Detail Specifications</u>	<u>Compliance</u>
<u>01</u>	Make & Model	<u>Specify by vendor</u>	
<u>02</u>	Rating	800 VA or above	
<u>03</u>	Technology	Line-Interactive	
<u>04</u>	Nominal Input Voltage	230V single phase	

<u>05</u>	Input Voltage Range	160V AC to 275V AC	
<u>06</u>	Input Frequency	50 Hz +/-3 Hz	
<u>07</u>	Nominal Output Voltage	230V AC +/-5%	
<u>08</u>	Output Frequency	50 Hz +/-1 Hz	
<u>09</u>	Output power capacity	Min. 560 watts. Power Factor 0.6 or higher	
<u>10</u>	Automatic Voltage Regulation	Automatic Voltage Regulation to be provided	
<u>11</u>	Transfer time	<6ms	
<u>12</u>	Overload capability	110% for 5 minutes, 150% for 2 minutes	
<u>13</u>	Protection	Surge, brownout, sag, short circuit, etc protection required.	
<u>14</u>	Battery Type	Sealed, mounted. Maintenance-free, Internally	
<u>15</u>	Battery make	Panasonic / Rocket /CSB/Global/ Yuasa/Amaraja (Quanta) /EXIDE	
<u>16</u>	Communication Port	RS232C or USB Port & necessary communication cables to be provided	
<u>17</u>	Backup	Min. 20 minutes on single PC load	
<u>18</u>	Power Management Software	The UPS should have Power Management Software to view & monitor UPS status, backup time & shutdown	

<u>19</u>	Battery Refresh	The Vendor shall replace all the batteries after every 2.5 years, also replace batteries on failure.	
<u>20</u>	Compliance	Latest Version of IEC/EN 62040 or Equivalent	
<u>21</u>	Warranty	OEM onsite, labour, parts warranty, Time period should be specified by vendor.	
<u>D</u>	PA System with speaker -01 (One Number)		
<u>SL NO.</u>	<u>Parameter</u>	Detail Specifications	<u>Compliance</u>
<u>01</u>	Make	SONY/PHILIPS/AHUJA/EQUIVALENT	
<u>02</u>	Sound output	Minimum -50 W (RMS) (Bi- amplification system)	
		It should have a portable speaker with BLUE TOOTH, USB, recording and two wireless mics .	
<u>03</u>	Connectivity Technology	Bluetooth, USB & WIRELESS connectivity.	
		Built- in digital echo effects.	
		USB playback and recording	
<u>04</u>	Compatible devices	Tablet, smartphone, computer.	
<u>05</u>	Mounting type	Floor mount.	
<u>06</u>	Power source	Chargeable battery powered and electric powered.	

<u>07</u>	Warranty	Should be specify by vendor.	
<u>E</u>	Laser Pen	<u>01</u> No	
		Logitech or equivalent make	
<u>F</u>	Slide changer	<u>01</u> No	
		Logitech Wireless Presenter R400 or similar model	
<u>G</u>	SCREEN	Wall mounting adjustable screen (Minimum size. 8X6 ft)	

General Terms & Conditions:

1. Paying Authority & Billing Address:

PROJECT DIRECTOR
M/s BHARAT HEAVY ELECTRICALS LIMITED.
BHEL, SITE OFFICE
2x800 MW, DVC, KTPS, PHASE-II
BANJHEDIH, PO- BANJHEDIH
KODERMA, JHARKHAND-825421
GST NO. 20AAACB4146P5ZP

2. Payment Terms: 100% payment will be released within thirty (30) days of receipt of material at site.

3. Terms of Delivery: All the goods shall be delivered and installed at **safety training centre /Safety Park at 2x800 MW, DVC, KTPS, Phase-II, KODERMA, JHARKHAND site**

4.The vendor shall ensure delivery of items as per the specified quality & quantity.

5.Manufacturing date of the items should be of 2025 & onwards.

6. Delivery Period: Within 15 days from the date of awarding of Purchase Order.

7. Liquidated Damage: If the seller fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid @ 0.5% of the contract value of delayed quantity per week or part of the week of delayed period, until actual delivery or performance, as pre-estimated damages not exceeding 5% of the total contract value without any controversy/dispute of any sort whatsoever.

8. PVC: Not applicable.

9. GST: GST shall be released upon compliance with following:

- (a) Declaration by bidder that such billing/invoicing in their GSTR-1
- (b) Receipt of goods and tax invoice by BHEL.

(c) Above is subject to receipt of goods and tax invoice thereof along with declaring invoice in your return and paying GST within timeline prescribed for availing ITC by BHEL
10. Others (if any): For any dispute, decision of BHEL will be final.

Thanking You
For and on behalf of BHEL

(Dhaneshwar Marandi)
Sr. Manager/HSE/Koderma Phase-II