



Water & Land Management Institute

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(Autonomous Institute sponsored by W.R. Deptt. GOM.)

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Our Ref: WALMI/ EMS / / 2018

Date: / / 2018

QUOTATION NOTICE

Sealed quotation are invited by the administrative officer ,WALMI Aurangabad , on behalf of Director General ,WALMI , Aurangabad for the estimation of work **Renovation of Seminar hall & Toilet unit, Supply and installation of Audio video system in Seminar hall of main institute building of WALMI campus.** The rates should be inclusive of all taxes, GST etc complete. The rates should be submitted before 09/01/2019. The list of items is available on the website: www.walmi.org . These quotations are invited for the purpose of estimate only.

**Administrative officer
WALMI, Aurangabad**

	<p>जल व भूमि व्यवस्थापन संस्था (वाल्मी) पत्र पेटि क्र. ५०४, कांचनवाडी, पैठण रोड औरंगाबाद - ४३१००५. (महाराष्ट्र) (महाराष्ट्र शासन, मृद व जलसंधारण विभाग पुरस्कृत स्वायत्त संस्था)</p>
<p>दूरध्वनी क्र. 0240-2379159-60 EX- 215 , 216</p>	<p>Website : www.walmi.org E-mail : walmimnci@walmi.org</p>

----दरपत्रक सुचना---


महासंचालक, वाल्मी औरंगाबाद यांच्या वतीने प्रशासकीय अधिकारी, वाल्मी औरंगाबाद हे वाल्मी संस्थेतील मुख्य इमारतीमधील असलेल्या सभागृह व स्वच्छतागृह यांची दुरुस्ती तसेच सभागृहतील Audio Visual System इ. कामांकरीता अंदाजपत्रके तयार करण्यासाठी नामांकीत पुरवठादार व कंत्राटदाराकडून दरपत्रक मागविण्यात येत आहेत. दरपत्रकात नमुद दरामध्ये सर्व करांचा (GST इत्यादी) समावेश केलेला असावा.

सदर दरपत्रके दि.09/01/2019 पर्यंत बंद लखोटा पाकीटात वाल्मी संस्थेस पाठविण्यात यावे. दरपत्रकाची सुची www.walmi.org या संकेतस्थळावर उपलब्ध आहे.

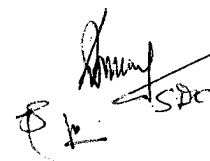
प्रशासकीय अधिकारी
वाल्मी औरंगाबाद

**Name of Work: - Renovation of Seminar Hall & Toilet Unit in Main Institute Building Of
WALMI Campus
(List of Items)**

Sr. No	Item	Qty	Unit	Rate quoted by the Contractor
1	Item No. 13 Removing of existing Auditorium chairs with all fittings and fixtures in good condition and staking as directed by Engineer in charge with all lead and lift etc. complete	200	No	
2	Item No.14:- Providing and fixing suspended false ceiling (type C) Including G. I. Perimeter channels of size 0.45 mm thick having one flange of 20 mm & another flange of 30 mm and a web of 27 mm along with perimeter of ceiling , screw fixed to brick wall / partition with the help of nylon selves & screw at 610 mm centre . with suspended G. I. intermediate channels of size 45 mm x 0.09 mm thick with two flange of 15 mm each form the soffit at 900 mm center with ceiling angle of width 25 mm x 10 mm x 0.55 mm thick to soffit with G I Sheet & steel expansion faster ceiling section of 0.55 mm thickness having knurled web of 51.5 mm & two flange of 26 mm each with lips of 10.50 mm are fixed to the intermediate channel with the help of connecting clip & in direction perpendicular to the intermediate channel at 300 mm center , 12mm thick plain gypsum board perorated ceiling tiles of size 595 x 595 mm is then screw fixed to ceiling section with 25 mm dry wall screw at 230 mm centre having UP Twiga glass wool 25 mm thick , 48 Kg density in tissue cover laid over acoustic tiles etc. complete with jointing and finishing etc. (FOR MAIN HALL)	425	Sqm	
3	Item No. 17 Providing and suspended false ceiling (type A) Including G. I. Perimeter channels of size 0.55 mm thick having one flange of 20 mm & another flange of 30 mm and a web of 27 mm along with perimeter of ceiling , screw fixed to brick wall / partition with the help of nylon selves & screw at 610 mm centre . with suspended G. I. intermediate channels of size 45 mm x 0.09 mm thick with two flange of 15 mm each form the soffit at 1200 mm center with ceiling angle of width 25 mm x 10 mm x 0.55 mm thick to soffit with G I Sheet & steel expansion faster ceiling section of 0.55 mm thickness having knurled web of 51.5 mm & two flange of 26 mm each with lips of 10.50 mm are fixed to the intermediate channel wiyh the help of connecting clip & in direction perpendicular to the intermediate channel at 300 mm center , 12.50 mm thick plain gypsum board (conforming to I. S. 2095-1982) IS then screw fixed to ceiling section with 25 mm dry wall screw at 230 mm centre etc. complete.(FOR PANTRY AND TOILET UNITS)	55	Sqm	
4	Item No. 18 Providing and fixing Gypsum board vertical up to 75 mm height with angle of 25 mm x 10 mm x 0.55 mm with gypsum screw complete with jointing and finishing etc.	102	Sqm	

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5	Item No. 19 Providing and fixing wall paneling on side wall (Type C) including fixing in ceiling section (0.50mm thick of (0.50 mm thickness having knurled web of 51.5 mm & two flange of 26 mm each with lips of 10.50 made of G. I. Sheet) placed at 600 mm centers vertically, Affix on the side wall surface UPT wiga glass wool II – 300 in poly cover spot glued to the back surface and fixing of 12.5 mm thick Gypsum boards fully perforated tiles of size 595 x 595 mm (conforming to I. S. 2095-1982) screw fixed to ceiling section , jointing the boards and finished so as to have a flush look which includes filling and finishing the tapered & square edge of the board with jointing compound , paper tape and two coats of primer suitable for Gypsum boards etc. complete.	204	Sqm	
6	Item No. 20 Providing and fixing Acoustic wooden wall panel Maple patten by perforated wooden acoustic sheet by using water proof , ant termite ply having IS 710 & ISO 9001 , 19 mm , 12 mm ply with necessary hardware as directed by Engineer in charge.	153	Sqm	
7	Item No. 21 Sound and light room unit stage side unit - veneer finish out side , laminate inside, size 8' x 8' x 7, height with Entrance open able door and 5 mm thick glass for vision of size 2,6" height fixed in wooden frame etc. complete as directed by Engineer in charge	1	Per Unit	
8	Item No. 22 Providing and Fixing Auditorium chairs in fabrics as specified make and brand and prior approved from Authority etc. complete as directed by Engineer in charge	250	Nos.	
9	Item No. 23 Providing and Fixing VIP Revolving chairs for Stage as specified make and brand and prior approved from Authority etc. complete as directed by Engineer in charge	9	Nos.	
10	Item No. 24 Providing and Fixing semi VIP chairs for Stage as specified make and brand and prior approved from Authority etc. complete as directed by Engineer in charge	14	Nos.	
11	Item No. 41 Providing and supplying podium made from 18 mm commercial plywood with 4 mm veneer complete with melamine polish having 12 mm thick glass top and itched glass on front of modium etc. complete	1	Nos.	
12	Item No. 61 Providing and fixing wooden Dias table 550 mm wide by using water proof , ant termite plywood IS 710 & iso 9001 , 19 mm plywood with Teak wood frame and laminate including beading and its polish etc. complete as directed by Engineer in charge	6	Rmt	
13	Item No. 62 Providing and fixing wooden Dies for all the	85	Nos	



	seats of 250 nos front of 1.5m wide along with slot for Audio system by using water proof , ant termite plywood IS 710 & iso 9001 , 12 mm plywood with steel /plywood wood frame and laminate including beading and its polish etc. complete as directed by Engineer in charge			
14	Providing service of consultant architect for the work of renovation of seminar hall along with toilet block for coordination and implementation of work along with project management for the said work , along with consultant visit etc. complete as directed by Engineer in charge	1	Nos	

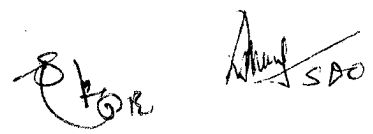
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Name of work :- Supply and installation of Audio video system in Main Institute Building of WALMI Campas .

(Item list)

S.No.	Item Description	Units	No of Units	Rate quoted by contractor per Units	Total Rate quoted by contractor
DIGITAL CONFERENCE SYSTEM					
1	Conference unit				
	The Discussion Device shall enable participants to take part in a discussion by speaking into a microphone and listening to proceedings on a loudspeaker. The device shall have the following features and benefits:				
	Plug-and-play functionality.				
	Compact, attractive, ergonomic design, with LED indicator in the Discussion Device and in head of microphone.				
	Choice of short or long fixed microphone with flexible stem.				
	Loudspeaker integrated into front of device.				
	Built-in headphone socket with output level control.				
	Automatic level reduction when microphone is activated (configurable via web browser application of Control Unit): prevents acoustic feedback from headphone to microphone.				
	Configurable as a participant or chairperson's device: changeable microphone buttons and concealed slide switch at the bottom of the device for configuration purposes.				
	GSM immunity.				
	The device shall have the following user controls and indicators:				
	Microphone button.				
	Color-coded LED indicator above microphone button for showing the status of the device:				
	- White ('Possible-To-Speak') shall indicate that the microphone will be active immediately after pressing the microphone button.				
	- green shall indicate that the participant has pressed the microphone button and the request to speak has been added to the waiting list.				
	- green flashing shall indicate that the participant is first in the waiting list, i.e. next in line to speak.				
	- red shall indicate that the microphone is active.				
	Color-coded light-ring indicator in head of microphone: green shall indicate that a request-to-speak has been added to the waiting list; green flashing shall indicate that the participant is first in the waiting list; red shall indicate that the microphone is active.				
	Rotary thumbwheel on side of device for adjusting volume of connected headphones.				
	The chairman has a separate microphone button and priority button enable the user to function as the chairperson at a conference or meeting. The chairperson's microphone shall be activated when the priority button is pressed and held in. All currently active participant microphones shall be muted, allowing the chairperson to take control of the meeting. A chime shall be sounded to announce that the chairperson is about to speak				
	Frequency response 200Hz-12.5kHz				
	Headphones load impedance >32ohms <1kohm				
	Loudspeaker nominal output 72dB SPL				
	from reputable and leading manufacturers	Nos	75		




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2	Central Control Unit for control of all microphones			
	The Control Unit shall have the following features and benefits:			
	Plug-and-play functionality for quick and easy connection of Discussion Devices.			
	Intuitive touch-buttons on the front panel for easy configuration and operation purposes.			
	Intuitive LED indicators for clear and immediate feedback on the system settings.			
	Web browser control – it shall be possible to use a web browser application to view and manage system settings.			
	System control for up to 80 Discussion Devices.			
	Hot swap of Discussion Devices, without having to power down the system.			
	Plus/minus buttons and green LED indicators for setting the volume range of all connected Discussion Devices.			
	Microphone-mode selection button and green LED indicators for selecting one of the following microphone operating modes: 'open mode', 'override mode', 'voice activation mode', and 'push to talk (PTT) mode'.			
	Number of Open Microphones (NOM) button and green LED indicators for selecting the number of microphones that can be activated at the same time. It shall be possible to select up to four open microphones at the Control Unit.			
	Built-in digital recorder with internal memory and USB recording.			
	Built-in loudspeaker and headphone socket for listening to recorded discussions before replaying them to the Floor, or listening to recordings.			
	Built-in Digital Acoustic Feedback Suppression (DAFS).			
	USB connector on front of unit for connecting a USB memory stick.			
	Gain reduction due to number of open microphones (NOM) 1/SQRT (NOM)			
	Sample rate 44.1kHz			
	Nominal input (85 db SPL) <0.5%			
	Max. input (110 db SPL) <0.5%			
	Recorder			
	Recording/ Playback 64,96,128,256Kbit/sec			
	Recording/ Playback (sample frequency) 44.1kHz			
	Monitoring loudspeaker			
	Nominal output 72dB SPL			
	Frequency response 200Hz-12.5kHz			
	from reputable and leading manufacturers	Nos	1	

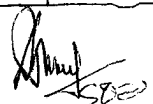
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3	Extension Unit				
	Supply of the extensio unit which expands the Digital Discussion System by up to 245 Discussion Devices. Easily connected to the system by use of 6-pole circular connectors. Built-in splitter,one trunk and two tap-off connections with short-circuit protection				
	Connections – 1x 2 meter cable with 6-pole circular male connector for connection to the Control Unit or previous component in the daisy-chain. – 1x 6-pole circular female connector for trunk connection of the conference devices (maximum of 40 components per trunk).2x 6-pole circular female connectors for tap-off connection of the Discussion Devices (maximum of 40 Discussion Devices per tap-off, with a maximum of 85 Discussion Devices per Extension Unit). – 1x 4-pole circular female 24 VDC power input connector.Supply voltage Adaptor 100 to 240 VAC, 50/60 Hz, max. 2.0 A, DC voltage Extension Unit 24 V, 6.0 A Dimensions including feet(H x W x D) 45 x 440 x 200 mm (1.8 x 17.3 x 7.9 in)				
	from reputable and leading manufacturers	Nos	1		
4	Installation Accessories & Cables				
a)	Extension cables and connectors for contribution units				
	from reputable and leading manufacturers	Nos	2		
	from reputable and leading manufacturers	Nos	4		
b)	Lightweight Stereo Headphones (OPTIONAL)				
	Headphone shall be stereo type for better sound quality.				
	Headphone shall be light weight for comfortable wearing.				
	Frequency response: 50Hz to 20 kHz				
	Sensitivity: Min 98 dB.				
	from reputable and leading manufacturers	Nos	0		
5	SUB-HEAD III - Audio & Sound Reinforcement System				
a	30W cabinet Loudspeaker				
	30W wall mount speaker with excellent speech & music reproduction Max Power: 45W, Rated Power: 30Watts, Power Tapping:30/15/0.75/3.75W Effective frequency range(-10 dB) : 100 Hz to 18KHz SPL at rated power (1Khz at 1 m) 105 dB Opening Angle 1 KHz / 4 KHz (-6 dB): 160° / 81° (hor.) 150° / 90° (ver.)				
	from reputable and leading manufacturers	nos.	8		
b	All in one 90 Watts amplifier	Nos	1		
	90 Watts all in one amplifier with following features: 4 microphone inputs with independent level control USB drive and SD card for MP3 playback Built-in FM tuner with preset memories 100V/Telephone input with priority and VOX 24 VDC backup power supply input				
	from reputable and leading manufacturers				

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c)	480W Booster amplifier for Sound reinforcement system - 480 W RMS output - THD less than 1% at 1 KHz, rated output - Frequency response 60 Hz to 18 kHz (-10 db) - Singnal to Noise Ratio (more than 85 dB) Make: Bosch LBD1938/00	Nos	1		
e)	Feedback Supressor - Sampling rate: 32 Khz - Frequencyt response 125 Hz to 15Khz - Distortion <0.1% @ 1Khz - Signal to Noise Ration > 90 dB Make: Bosch LBB1968/00	Nos	1		
g)	Microphones Handheld /Lapel wireless microhone Complete with reciever and Transmitter unit , LCD display for battery and frequency status and information. from reputable and leading manufacturers	no's.	As per requirement for instatulation		
h)	Additional Standby Condensor Gooseneck Microphone for Dias table from reputable and leading manufacturers	no's.	As per requirement for instatulation		
i)	16 Channel Streo Mixer with phantom power mic inputs Soundcraft /martin Audio/Electrovoice	Nos.	As per requirement for instatulation		
6	Full HD Automatic Camera Control				
a)	High Speed Dome Camera HD 1080p and 720p resolutions, 1/2.5-inch progressive scan CMOS sensor 160x zoom (10x optical, 16x digital), Industry standard HD-SDI output, Control and configuration via Ethernet, Screen line option for displaying delegate names up to 16 characters, aspect ratio 16:9, S/N ratio > 50 dB, Network Stream : One (1) H.264 1080p30 stream plus one (1) M-JPEG and one (1) I-frame stream, Pan Range 0-360° continuous, Preset Accuracy ± 0.1° typical, Pre-positions 64, TCP/IP Configuration and Control. from reputable and leading manufacturers	Nos	1		
b)	Displays	Nos	As per requirement		
c)	Racks	Nos	As per requirement		
	Installation charges				
	Total Cost				
	TOTAL				
	Note :1. Cable estimation,cable cocking clamps and other charges shall be include in installation chargesand it will be as per the architectural plan and design				
	2.Taxes and other Government and local levies shall be extra as applicable , rate are exclusive of GST				
	3.Installation charges inculading of trasport lead and lifts				

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