

HIGH COURT OF MADHYA PRADESH: JABALPUR

// CLARIFICATION //

No. Reg(IT)(SA)/2023/1400

Jabalpur, Dated: 01-11-2023

Sub:- The matter regarding to publish the clarification / reply of pre-bid meeting dated: 12th October, 2023 regarding the Supply, installation, commissioning and maintenance of 21(inch) rugged touch screen wall mount panels / display panels, 4x4 HDMI matrix switcher, mini PC / CPU box for the High Court of Madhya Pradesh with reference to tender no. Reg(IT)(SA)/2023/1278, dated: 03-10-2023.

Ref:- Pre-Bid Meeting dated: 12th October, 2023.

Reply / clarification to the pre-bid queries

On the basis of query submitted by the bidders, the detailed reply / clarifications is prepared and the same is enumerated as per details given below:-

Query No.	RFP Reference (Section No. /Page No.)	Content of RFP Requiring Clarification	Query of the bidder / remarks of the bidder	Reply / clarification to the query /remarks by the High Court
M/s BK Network Services Pvt. Ltd.				
1.	Response time	18 MS	2 MS	05 MS or better
	Brightness	350 nits	220 nits or Higher	Yes Changed
	Contrast	3000:01:00	1000:01:00 or Higher	Yes Changed
	Viewing Angel	170/170 (H/V)	178 / 178 (H/V)	No Change
	Glass Thicknes	4.3 + 03mm	No Need Requirement	Yes Changed (Not Required)
	Response time	8 MS	2 MS	05 MS or better

M/s Veltronics India Pvt. Ltd.				
2.	21" (inch) rugged touch screen wall mount panels / display panels			
	Type	Table Top.	Table Top	
	Brightness	350 nits	220 cd/m ²	Yes accepted. The vendor can quote better
	Contrast Ratio	3000:1	1000:1 (Typical)	Yes Changed
			50,000,000:1 (DCR)	No Change
	Touch Technology	Projected capacitive(P-CAP) by bare finger/Pen	YES - Capacitive Touch	Yes Changed
	Surface treatment	Strengthened/Anti glare or better	Anti-Glare Class	No Change. Quote as per tender
	Glass thickness	4.3+03mm	As per OEM , please remove this clause	Yes Changed (Not Required)
	Touch pen	Battery free pen	Pen with rubber to be source from 3rd party	Yes Changed to "the touch pen is optional"
	MTBF	50000 hours	30000 to 50000 (It's Very Depend on Function)	
	Power supply	Ext adapter 100-240v AC , 50 to 60 Hz	External	No Change
	Certificates	CE/FCC+ CCC , BIS certified	yes	No Change
	Warranty	5 years	3 years	Yes Changed
	"SPECIFICATION – C" 4x4 HDMI matrix switcher			
Video Input				
USB	1 x Micro USB F/W upgrade	Yes (F/W Upgrade through LAN port)	Quote as per tender document	
Certificates	BIS certified			
Warranty	5 years	3 years	Yes Changed	

“SPECIFICATION – C” SFF/Mini PC/CPU Box				
Processor	Intel Core i5-1340P Processor (12M Cache, up to 4.60 GHz)	Core i5-13420H, 8 (4 P-core + 4 E-core) 12[2] P-core 2.1GHz / E-core 1.5GHz P-core 4.6GHz / E-core 3.4GHz 12MB	Yes Changed to Intel Core i5,13Gen.Processor (8 Core,12M Cache, up to 4.60 GHz) or better	
Pre-Installed Operating System	Windows 11 Professional	Yes	Quote as per tender document	
Supported Operating Systems	Ubuntu latest version		Quote as per tender document	
CPU Specifications				
Total Cores	12	No, 8 cores	Yes changed to 8 cores or above	
Total Threads	16	No, 16 threads	12 threads or better.	
Max Turbo Frequency	4.60 GHz	Yes	Quote as per tender document	
Memory & Storage				
Graphics Output	2x HDMI 2.1, 2x DP	No, 1x HDMI 2.1 TMDS 1x DisplayPort™ 1.4	Yes Changed to minimum 1x HDMI 2.1,1x DP port	
Bluetooth Version	5.2 or above	No, 5.1	Yes Changed to 5.1 or better	
M/s Lenovo India Pvt. Ltd.				
3.	Processor	Intel Core i5-1340P Processor (12M Cache, up to 4.60 GHz) 12 core processor	Tender has asked for specific processor and same is mobile processor used in laptops. Request you to Please	Yes Changed to Intel Core i5,13Gen.Processor (8 Core,12M Cache, up to 4.60 GHz) or better

			<p>change the processor to intel 13th generation Core i5-13420H, 8 core (4 P-core + 4 E-core) 12[2] P-core 2.1GHz / E-core 1.5GHz P-core 4.6GHz / E-core 3.4GHz 12MB</p> <p>Pls change the processor to 8 core</p>	
	Graphics Output	2x HDMI 2.1, 2x DP	<p>Mini PC can't offer 2HDMI and 2DP offer at the same time.</p> <p>Request you to please change this to 1x HDMI 2.1 TMDs , 1x DisplayPort™ 1.4.</p>	Yes Changed to minimum 1x HDMI 2.1,1x DP port or more
	Bluetooth Version	5.2 or above	<p>Bid has asked Bluetooth version 5.2, however Mini PC can offer BT 5.1 version only</p> <p>Request you to please change to BT 5.1</p>	Yes Changed to 5.1 or better

	Display Size	21" or Better or Above	Touch screen can't offer 21" screen Request you to please change this to 23.8" touch screen.	21" or Better or Above. The vendor can quote higher side
	Response Time	18 ms	Request you to please change the response time to 4ms.	5 MS or better.
	Brightness	350 nits	350 NITS brightness not available in Touch screen monitor Request you to please change this to 300 NITS	Yes Changed to 220 nits or Higher
	Contrast Ratio	3000:1	This contrast ratio is not available in Touch screen Request you to please change this to Contrast Ratio: 1000:1	Yes Changed
	Video Input	HDMIx2	Touch screen monitor cannot offer 2 HDMI ports. Request you to please change this 1x HDMI® 1.4. 1x DisplayPort™ 1.2 (1x HDMI & 1x DP port)	Yes Changed

	Touch Technology	Projected capacitive(P-CAP) by bare finger/Pen	Request you to allow Capacitive touch with 10 point touch	Yes Changed
	Glass thickness	4.3+03mm	Glass thickness is not defined in all monitors. Request you to please remove this clause.	Yes Accepted.
	Response time	8 MS	Request you to this change the response time to 4ms. This will have better performance.	5 MS or better.
	Touch pen	Battery free pen	Touch screen monitor will 10 point touch however battery free pen support is not available.	Yes Changed to "the touch pen is optional"
	MTBF	50000 hours		
M/s VSN International Pvt. Ltd.				
4.	Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATIO N – A” (21” (inch) rugged touch screen wall mount panels / display panels) (Page no.43)	Type: Table Top	As per the clause mentioned display type is Wall mount in the heading section of display panel and as per the specification mentioned display panel type is Table Top hence, request you	Yes, Table Top

			to kindly clarify the Type of display panel is Wall mount or it could be Table top.	
	Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATION – A” (21” (inch) rugged touch screen wall mount panels / display panels) (Page no.43)	Brightness: 350 nits	As per the clause this clause is restrictive to other eligible OEM's to participate in the Bid. Hence, request to amend the clause to "Brightness: 250 nits or higher"	Yes Changed to 220 nits or Higher
	Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATION – A” (21” (inch) rugged touch screen wall mount panels / display panels) (Page no.43)	Contrast Ratio: 3000:1	As per the clause this clause is restrictive to other eligible OEM's to participate in the Bid. Hence, request to amend the clause to "Contrast Ratio: 1000:1 or Higher"	Yes Accepted
	Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATION – A” (21” (inch) rugged touch screen wall mount panels / display panels) (Page no.43)	Warranty: 5 years	As the required Rugged touch Screen display is specific TFT and comes with 3 years standard warranty & also, 5 years warranty	Yes Changed

			<p>increases overall project cost drastically. So, we would like to request to kindly amend the clause to "Warranty: 3 years".</p>	
	<p>Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATIO N – B” (SFF /Mini PC/CPU Box) (Page no.44)</p>	<p>SFF / mini PC / CPU Box</p>	<p>As per the discussion in the Pre-bid your requirement is of the CPU which can be mounted behind the monitor. So, as to meet your requirement SFF CPU cannot be mounted behind the TFT, kindly request you to remove SFF CPU and include Micro form factor (MFF) to meet your requirement. Request to amend the clause to "Micro form factor/mini PC/ CPU Box which can be mounted behind the TFT."</p>	<p>Yes changed to Micro form factor / mini PC / CPU Box / small form factor (SFF).</p>

<p>Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATION – B” (SFF /Mini PC/CPU Box) (Page no.44)</p>	<p>Processor: Intel Core i5-1340P Processor (12M Cache, up to 4.60 GHz)</p>	<p>As per the clause Mentioned Processor Intel Core i5-1340P is laptop processor and is not available in the standard mainstream desktop form factor SFF/Mini PC devices. Therefore, Request you to kindly, amend the clause to "Processor: Intel Core i5-13500T Processor (24MB Cache, up to 4.60 GHz) or higher".</p>	<p>Yes Changed to Intel Core i5,13Gen.Processor (8 Core,12M Cache, up to 4.60 GHz) or better</p>
<p>Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATION – B” (SFF /Mini PC/CPU Box) (Page no.44)</p>	<p>Total Cores: 12</p>	<p>As per clause the Proposed Processor Intel Core i5-1340P has minimum14 cores. Therefore, request to amend the clause to "Total Cores: 14".</p>	<p>Already clarified in the clarifications.</p>
<p>Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATION – B” (SFF /Mini PC/CPU Box) (Page no.44)</p>	<p>Total Threads: 16</p>	<p>As per clause the Proposed Processor Intel Core i5-1340P has minimum 20 Threads. Therefore,</p>	<p>12 threads or better.</p>

			request to amend the clause to "Total Threads: 20".	
	Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATIO N – B” (SFF /Mini PC/CPU Box) (Page no.44)	Memory: 8 GB DDR4-3200	As per clause the Proposed Processor Intel Core i5-1340P has support DDR5 memory module therefore kindly request to amend the clause to "Memory: 8 GB DDR5-4400 or higher".	No Change
	Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATIO N – B” (SFF /Mini PC/CPU Box) (Page no.44)	Graphics Output: 2x HDMI 2.1, 2x DP	Video ports vary between OEMs. Request to mention combination of Video ports with HDMI & DP as most of the desktops have minimum 3 DP ports and option to add either HDMI or DP. Hence, request to amend the clause to "Graphics Output: Min. 4 Video ports (Combination of HDMI 2.1 /	Yes Changed to minimum 1x HDMI 2.1, 1x DP port or more.

			DP to support 4 Displays)".	
	Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATIO N – B” (SFF /Mini PC/CPU Box) (Page no.44)	Warranty: years	5 As both the other products (i.e. 21” (inch) rugged touch screen display & 4x4 HDMI matrix switcher) procuring for single project & comes with 3 years standard warranty. So, we would request you to also keep the warranty period of 3 years for CPU. So, we would like to request you to kindly amend the clause to "Warranty: 3 years".	Yes Changed to 03 Years
	Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATIO N – B” (SFF /Mini PC/CPU Box) (Page no.44)	Additional Point	We would suggest to add additional point i.e. “Product supplied should be with dTPM 2.0 (Discrete Trusted Platform Module 2.0) chip embedded on Motherboard”.	Quote as per tender document.

<p>Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATIO N – B” (SFF /Mini PC/CPU Box) (Page no.44)</p>	<p>Additional Point</p>	<p>We would like to suggest to add additional point i.e. "Micro Form Factor Chasis will not more than 1.2 Ltrs"</p>	<p>Already clarified above in this clarifications.</p>
<p>Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATIO N – B” (SFF /Mini PC/CPU Box) (Page no.44)</p>	<p>Additional Point</p>	<p>We would like to suggest to add additional point i.e. "Keyboard, Mouse and Monitor should be of the same OEM make as that of the Desktop & OEM motherboard and should have OEM logo embossed".</p>	<p>No Change</p>
<p>Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATIO N – B” (SFF /Mini PC/CPU Box) (Page no.44)</p>	<p>Additional Point</p>	<p>We would like to suggest adding additional point i.e. "OEM must have online system hardware diagnostics facility and download updates of software, device drivers, and firmware on its website".</p>	<p>No Change</p>
<p>Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATIO N – B” (SFF /Mini PC/CPU Box) (Page no.44)</p>	<p>Additional Point</p>	<p>We would like to suggest to add additional point i.e. "The quoted model should be a Microsoft certified</p>	<p>No Change</p>

			hardware and the same to be verified from Microsoft Website".	
	Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATIO N – B” (SFF /Mini PC/CPU Box) (Page no.44)	Additional Point	We would like to suggest to add additional point i.e. "Specifications and warranty of the offered Desktop should be available through serial number search / tracking on the website of the OEM".	Yes added.
	Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATIO N – B” (SFF /Mini PC/CPU Box) (Page no.44)	Additional Point	We would like to suggest to add additional point i.e. "The OEM should be in top 4 in latest IDC report".	No Change
	Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATIO N – C” (4x4 HDMI matrix switcher) (Page no.45)	Certificates: BIS	As per the clause BIS certificate is not applicable for the asked product and most of the OEM's having the CE and WEEE certificates for this type of product. So, we would like to request you to kindly, amend the clause to	Yes Changed to BIS/CE/WEEE

			"Certificates: BIS/CE/WEE E".	
	Section – VII 7. TECHNICAL SPECIFICATION S:- “SPECIFICATION – C” (4x4 HDMI matrix switcher) (Page no.45)	Warranty: 5 years	As these type of products are generally comes with 3 years standered warranty and 5 years warranty will increases the overall cost drastically. So, we would request to kindly amend the clause to "Warranty: 3 years".	Yes Changed to 03 Years

M/s Dell Technologies

5.	Specification B, Processor	Intel Core i5-1340P Processor (12M Cache, up to 4.60 GHz)	Intel Core i5-13500T Processor (24MB Cache, up to 4.60 GHz) or higher	Already clarified above in this clarifications
	Specification B, CPU Specification- (Total Cores)	12	14	No Change
	Specification B, CPU Specification- (Total Threads)	16	20	No Change
	Specification B, Memory & Storage- (Memory)	8 GB DDR4-3200	8 GB DDR5-4400 or higher	No Change
	Specification B, Graphics Output	2x HDMI 2.1, 2x DP	Min. 4 Video ports (Combination of HDMI 2.1 / DP to support 4 Displays)	Already clarified in the clarifications.

M/s ITSC Technologies Pvt. Ltd					
6	Video Input				
	Interface	4 x HDMI Type A Female (Black)	HDMI Version 2.0, HDCP Version 2.2	No Change	
	Maximum Distance	5 meter	yes		
	Video Output				
	Interface	4 x HDMI Type A Female (Black)	HDMI Version 2.0, HDCP Version 2.2	No Change	
	Maximum Distance	15 meter	Yes		
	Video				
	Maximum Data Rate	10.2 Gbps (3.4 Gbps Per Lane)	Maximum Data Rate upto 18Gbps	No Change	
	Maximum Pixel Clock	340 MHz			
	Compliance	HDMI (3D, 4K, Deep Color),	Yes	No Change	
		HDCP 1.4 Compatible	HDCP Version 2.2		
	Maximum Resolution	Up to 4096 x 2160 / 3840 x 2160	upto 4K@60Hz 4:4:4 4K to1080p down-scaling for each independent output to compatibility with the legacy 1080p displays	No Change	
		.@60Hz (4:2:); 4096 x 2160			
		3840 x 2160 @ 30 Hz (4:4:4)			
	Maximum Distance	Up to 15 M			
EDID Settings	EDID Modes: Default / Port1 /Remix	Yes			
Control					
USB	1 x Micro USB F/W upgrade	Yes			
RS-232	Connector: 1 x DB-9 Female (Black) Baud Rate: 19200 Data Bits:8,				

		Stop Bits:1, Parity: No,		
	IR	1 x Mini Stereo Jack Female		
	Connectors			
	Power	1 x DC Jack (Black)		
	Certificates	BIS certified	BIS/CE and product should be non Chinese	Yes Changed to BIS/CE/WEEE
	Warranty	5 years		Changed to 3 years.
M/s Transline Technologies Limited				
7.	As per RFP Pg. No. 14; Section No: 2.15.2	Similar works means: Supply, installation and System Integration of Servers, Computers, printers, UPS systems and other related IT Equipments.	Similar works means: Supply, installation and System Integration of Servers/ Computers/ printers/ UPS systems and other related IT Equipments.	Yes Accepted
M/s Display Fort				
8.	Video Input			
	Interface	4 x HDMI Type A Female (Black)	Should consider: DHMI version 2.0 higher as all the upcoming latest devices will make the solution future proof	No Change
	Maximum Distance	5 meter		
	Video Output			
	Interface	4 x HDMI Type A Female (Black)		
	Maximum Distance	15 meter		
	Video			

Maximum Data Rate	10.2 Gbps (3.4 Gbps Per Lane)	Should Support Data Rate upto 18GBPS as Higher bandwidth will help in crisp and real time image and video to the output as ost of the new display will require 60Hz 18Gbps	No Change
Maximum Pixel Clock	340 MHz		
Compliance	HDMI (3D, 4K, Deep Color),HDCP 1.4 Compatible	Should also consider down scaling in individual output giving you flexibility to connect 1080P displays to its output	No Change
Maximum Resolution	Up to 4096 x 2160 / 3840 x 2160 @60Hz (4:2:); 4096 x 2160 / 3840 x 2160 @ 30 Hz (4:4:4)	Should also consider down scaling in individual output giving you flexibility to connect 1080P displays to its output	No Change
Maximum Distance	Up to 15 M		
EDID Settings	EDID Modes: Default / Port1 /Remix		
Control			
USB	1 x Micro USB F/W upgrade		
RS-232	Connector: 1 x DB-9 Female (Black) Baud Rate: 19200		

		Data Bits:8, Stop Bits:1, Parity: No,		
	IR	1 x Mini Stereo Jack Female		
	Connectors			
	Power	1 x DC Jack (Black)		
	Certificates	BIS certified	BIS/CE and product should be non Chinese	Yes Changed to BIS/CE/WEEE
	Warranty	5 years		Changed to 3 years.

Note:-

1. All the supplied hardware items / articles / cables should have minimum 03 years warranty and onsite support.
2. All the supplied hardware items / articles / cables should be compatible with each other and the vendor has to ensure proper functioning of the system during the warranty period.
3. All the given specifications are minimum and the bidder can quote higher side specifications.
4. The above clarifications / addendum are for all the prospective bidders' for their tender reference and necessary action.
5. The High Court of Madhya Pradesh shall have right to accept bid as a individual line item or as a package depending upon the requirement of High Court.
6. If required, the proof of concept (*PoC*) shall be carried out by the High Court of Madhya Pradesh in order to finalize the bidder.

7. In case of any further clarifications, the vendor may visit the IT wing of the High Court of Madhya Pradesh, Jabalpur.
8. All future correspondence/ clarifications/ addendum/ corrigendum shall be available on the website of the High Court of Madhya Pradesh i.e. www.mphc.gov.in and Government e-procurement portal www.mptenders.gov.in.
9. All the pages of the bids and Annexure's are to be sealed and signed by the authorized officers of the company / vendor.
10. All prospective bidders are requested to submit the bid with all relevant documents in sequenced manner, without fail.
11. The decision of the High Court of Madhya Pradesh in selection/ finalization of Firm/Vendor shall be final and no objection in this regard shall be entertained.
12. The last date for online tender submission is hereby extended till 20th November, 2023 by 6:00 PM (mandatory) hard copy submission is to be made by 21st November, 2023 by 5:00 PM (mandatory) and online technical bid opening will take place on 22nd November, 2023 at 11:30 AM.

Sd/-
REGISTRAR GENERAL