

Tender Enq. No. - OCAC-SEGP-INFRA-0019-2021-21022

CORRIGENDUM

Tender Enquire No. - OCAC-SEGP-INFRA-0019-2021-21022,

Selection of System Integrator for Establishment of Smart LABs for Govt. and Govt. aided High Schools in the District of Keonjhar, Odisha Government of Odisha.

CORRIGENDUM FORMAT

Sl. No.	RFP Clause, Page No, Section	Existing Clause	Revised
	Page No-20, Clause No- 5.1 (c), Prequalification Criteria (General Bid), Net worth	<ul style="list-style-type: none">The company must be positive net worth in last three financial years ending at 31st March 2020. Net-worth should be as per the definition mentioned in the section 2(57) of Companies Act 2013The Bidder should have positive net profit for the last (3) financial years i.e., 2017-18, 2018-19 & 2019-20.	The Clause modified as: - "The company (including the consortium partner) must have positive net worth in last three financial years ending at 31st March 2020. Net-worth should be as per the definition mentioned in the section 2(57) of Companies Act 2013".
	Page no. 22 Clause No- 5.1 (i), Prequalification Criteria (General Bid) - Consortium	Consortium with maximum two bidders (inclusive of prime bidder) is allowed.	Consortium is allowed only with local firms of Odisha with maximum two bidders (inclusive of prime bidder).
	Page No-27, Clause No- 6.7 (c),	On receipt of a letter of intent from OCAC, the successful Bidder will furnish a bank guarantee, by way of	The Clause modified as: - On receipt of the letter of intent (LOI) from OCAC, the successful Bidder will furnish a Bank Guarantee, by way of performance security, equivalent to THREE (3) per cent of the total contract value excluding tax, on or before the signing of the subsequent contract, typically within 15 days from notification of the award. In case the successful Bidder fails to submit

	Performance Guarantee	performance security, equivalent to 10 per cent of the total contract value excluding tax, on or before the signing of the subsequent contract, typically within 15 days from notification of award	<p>Performance Guarantee within the time period, the Purchaser may at its sole discretion cancel the letter of intent without giving any notice and en-cash the EMD furnished by the Bidder, in addition to any other right available under this RFP.</p> <p>The Performance Guarantee furnished by the successful Bidder shall be in the manner prescribed at Appendix III. The successful Bidder shall ensure, the Performance Guarantee is valid for 64 months i.e. at all times during the term of the subsequent contract (including any renewal) and for a period of 60 days beyond all contractual obligations, including warranty terms".</p> <p>The Purchaser may invoke the Performance Guarantee in the event of a material breach by the successful Bidder leading to termination for material breach.</p>
3	Page No-20, Clause No- 5.1 (b), Prequalification Criteria (General Bid), Sales Turnover	Average Turnover of the System Integrator from IT/ITES must be ₹180 Crores (Rupees One Hundred Eighty Crore) in last three financial years ending at 31st March 2020.	The Clause modified as: - "The average turnover of the System Integrator from IT/ITES must be ₹120 Crores (Rupees One Hundred twenty Crore) in last three financial years ending on 31st March 2020".
4	Page No-45, Clause No- 7.24, Point No- 5, Technical Specifications, (Web Cam)	<ul style="list-style-type: none"> • Minimum 4 MP Camera. • Support for Full HD Video Calling (1920x1080 pixels). • It should have at least 80 degrees or more field of view. • USB 2.0 or better interface. • It should be USB Powered. • Should have lens cover for safety purpose. • Should support Windows/Linux. • There should be a status LED to indicate various condition like calling mute etc. Should have CE/UL Certification 	<p>The Specification modified as: -</p> <ul style="list-style-type: none"> • Minimum 4 MP Camera with 4x zoom. • Support for Full HD Video Calling (1920x1080 pixels). • It should have at least 80 degrees or more field of view. • USB 2.0 or better interface. • It should be USB Powered. • Should support Windows/Linux. • There should be a status LED to indicate various condition like calling mute etc. Should have CE/UL Certification.

5	Page No-46, Clause No-7.24, Point No-9, Technical Specifications, (Smart TV + Laptop)	<p>"OEM Criteria: - 1) Manufacture should have local direct service support branch & should have authorized service centers to manage onsite support service at district level (Legal agreement copy required as a proof of document)</p> <p>2) Manufacturer should have registered in Odisha from last 5 years.</p> <p>SMART TV with Touch Facility Specification:</p> <ul style="list-style-type: none"> • Display Size - minimum 65 inch (Diagonal), Screen Type - LED • Panel Technology: IPS • Color - Black • Smart Feature – Yes • Touch Facility – Yes, Min 20 Touch Points/ 10 writing Points • Stylus - Yes (At least 2 nos.) • Resolution Standard - UHD or above • Resolution (pixels) - 3,840 x 2,160 or above • Aspect Ratio - 16:09 • Refresh Rate (Hz) – 60 • Brightness: 350cd/m2 with Touch Protection Glass • Build-in Android 8 or latest OS 	<p>The Specification modified as: -</p> <p>OEM Criteria: -</p> <p>1) Manufacture should have local direct service support branch & should have authorized service centers to manage onsite support service at district level (Legal agreement copy required as a proof of evidence document)</p> <p>2) Manufacturer should have registered service centre in Odisha from last 5 years.</p> <p>SMART TV with Touch Facility Specification:</p> <ul style="list-style-type: none"> • Display Size - minimum 65 inch (Diagonal), Screen Type - LED • Panel Technology: IPS/VA • Color - Black • Smart Feature – Yes • Touch Facility – Yes, Min 20 Touch Points/ 4 writing Points or more. • Stylus - Yes (At least 2 nos.) • Resolution Standard - UHD or above • Resolution (pixels) - 3,840 x 2,160 or above • Aspect Ratio - 16:09 • Refresh Rate (Hz) – 60 • Brightness: 350cd/m2 with Touch Protection Glass • Build-in Android 8 or latest OS • Surface Treatment: Hard coating, Anti-glare treatment and 4T glass • Gap between Panel and Glass 1 mm or less • Conformal Coating for PCB protection from Dust & Humidity <p>Connectivity features:</p> <ul style="list-style-type: none"> • Minimum 2 no. of HDMI Ports, Minimum 2 no. of USB Ports, Minimum 1 no. of VGA Port • Built-in Bluetooth: Yes, Built in Wi-Fi: Yes • Ethernet (RJ45) – 1 • PIP/PBP Option • Screen Share/Miracast to Connect TAB/Mobile, Web Browser, simultaneously share/connect 6 devices wirelessly from Android, iOS, Windows, Mac <p>Audio features:</p> <ul style="list-style-type: none"> • Minimum number of Speakers - 2 • Speaker Output RMS - 20 W or above • Supported Audio Formats Audio Codec:
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- Surface Treatment: Hard coating, Anti-glare treatment and 4T glass

- Gap between Panel and Glass 1 mm or less

- Conformal Coating for PCB protection from Dust & Humidity

Connectivity features:

- Minimum 2 no. of HDMI Ports, Minimum 2 no. of USB Ports

- Built-in Bluetooth: Yes, Built in Wi-Fi: Yes

- Ethernet (RJ45) – 1 • PIP/PBP Option

- Screen Share/Miracast to Connect TAB/Mobile, Web Browser ,

Simultaneously share 6 devices wirelessly from Android , iOS, Windows, Mac

Audio features:

- Minimum number of Speakers - 2

- Speaker Output RMS - 20 W or above

- Supported Audio Formats Audio Codec:

- Dolby Digital or above /AAC/ MP3/ PCM/DTS/DTS-HD/DTS Express/WMA

- Compatible with Microphone for online meetings.

- Dolby Digital or above /AAC/ MP3/ PCM/DTS/DTS-HD/DTS Express/WMA

- Compatible with Microphone for online meetings.

- The Webcam supplied must be compatible with SMART TV

Certifications:

- BIS

- UL or CB

- FCC Class "A" /" B"

- CE

NB: The Smart TV should be wall mounted and locked in a steel frame with hardened glass in front side for protection from physical damage or theft.

Laptop Specification:

X86 Architecture 3.2 GHz Processor with 4 dedicated cores, 8 GB RAM or more, 500 GB HDD or more

Operating System – Pre-loaded Microsoft Windows 10 Professional

Internal components - Wireless LAN, Bluetooth, 10/100 Mbps LAN, SD Card Reader, Webcam, HDMI port, VGA, 15-inch screen

Battery - 6 Cell primary battery.”

		<ul style="list-style-type: none"> • The Webcam supplied must be compatible with SMART TV <p>Certifications:</p> <ul style="list-style-type: none"> • BIS • UL or CB • FCC Class "A" / "B" • CE <p>NB: The Smart TV should be wall mounted and locked in a steel frame with hardened glass in front side for protection from physical damage or theft.</p> <p>Laptop Specification: X86 Architecture 3.2 GHz Processor with 4 dedicated cores, 8 GB RAM or more, 500 GB HDD or more Operating System – Pre-loaded Microsoft Windows 10 Professional Internal components - Wireless LAN, Bluetooth, 10/100 Mbps LAN, SD Card Reader, Webcam, HDMI port, VGA Port, 15-inch screen Battery - 6 Cell primary battery"</p>	
6	Page No-23, Clause No- 5.2 (b), Technical Evaluation Criteria,	The bidder must have implemented similar nature i.e., "Supply, installation and commissioning of Smart/Digital/Virtual	"The Clause modified as: - " The bidder must have implemented similar nature i.e., "Supply, installation and commissioning of Smart/Digital/Virtual Classrooms/ ICT Labs at Government or Semi Govt. Schools/ Colleges/ Universities/ Institutes in last five years." PO should be in the name of bidder only. Consortium Purchase Orders will not be considered. All the components pertaining to Smart/ Digital/ Virtual Classrooms/ ICT/ Computer Lab should be included in PO.

	<p>Relevant Strength</p>	<p>Classrooms/ ICT Labs at Government or Semi Govt. Schools/ Colleges/ Universities/ Institutes in last five years." PO should be in the name of bidder only. Consortium Purchase Orders will not be considered. All the components pertaining to Smart/ Digital/ Virtual Classrooms/ ICT/ Computer Lab should be included in single PO.</p> <ul style="list-style-type: none"> • 400 locations setup - 05 Marks • >400 and <=600 locations setup - 10 Marks • >600 and <=800 locations setup - 15 Marks • >800 locations setup - 20 Marks 	<ul style="list-style-type: none"> • 400 Classrooms setup - 05 Marks • >400 and <=600 Classrooms setup - 10 Marks • >600 and <=800 Classrooms setup - 15 Marks • >800 Classrooms setup - 20 Marks."
7	<p>Page No-44, Clause No-7.24, Point No-15, Technical Specifications, CCTV Surveillance</p>	<p>Dome Camera: -</p> <ul style="list-style-type: none"> • 2MP IP Dome Camera • Image Sensor 1/2.7" CMOS, • Support Dual Stream Encoding H.265+/H.265 • Lens 2.8 mm fixed lens (3.6 mm optional) • IR: IR Range of 20 Meter or Better <p>Network Video Recorder (NVR): -</p> <ul style="list-style-type: none"> • 4 Channel • Embedded Linux Operating System 	<p>The Specification modified as: -</p> <p>Dome Camera: -</p> <ul style="list-style-type: none"> • 2MP or higher IP Dome Camera • Image Sensor 1/2.8" CMOS, • Support Dual Stream Encoding H.265+/H.265 • Lens 2.8 mm fixed lens (3.6 mm optional) • IR: IR Range of 40 Meter or Better <p>Network Video Recorder (NVR): -</p> <ul style="list-style-type: none"> • 4 Channel • Embedded Linux Operating System • User Interface GUI, • Video Output 1 HDMI, 1 VGA • HDD (SATA) 1TB, <p>Display System: - 19.5" LED Monitor, Resolution 1,366x768(HD)</p>

		<ul style="list-style-type: none"> • User Interface GUI, • Video Output 1 HDMI, 1 VGA • HDD (SATA) 1TB, Display System: - 19.5" LED Monitor, Resolution 1,366x768(HD) OEM Certificate: - <ul style="list-style-type: none"> • CCTV OEM should have ISO 9001 & 27001 Certifications • CCTV Camera should support ONVIF and Model should be listed on ONVIF website 	OEM Certificate: - <ul style="list-style-type: none"> • CCTV OEM should have ISO 9001 & 27001 Certifications • CCTV Camera OEM should be a permanent member in ONVIF and Model should be listed on ONVIF website".
8	Page No-22, Clause No- 5.1 (i), Prequalification Criteria (General Bid), OEM Quality Certificates	All below mentioned certificates for major components for the solution to be submitted: <ul style="list-style-type: none"> • Smart TV - BIS, FCC Class "A" /" B", CE, Energy Star, RoHS • DG - BIS • Server - RoHS, BEE, Energy Star • Thin Client/Dumb Terminal - FCC/UL, RoHS, BIS, BEE, CE • UPS & Servo Stabilizer - BIS 	The parameter modified as: - All below mentioned certificates for major components for the solution to be submitted: <ul style="list-style-type: none"> • Smart TV - BIS, FCC Class "A" /" B", CE, RoHS • DG - BIS • Server - RoHS, BEE/Energy Star • Thin Client/Dumb Terminal - FCC/UL, RoHS, BIS, BEE/Energy Star, CE • UPS & Servo Stabilizer – BIS
9	Page No-21, Clause No- 5.1 (g), Prequalification Criteria (General Bid),	The bidder must have successfully undertaken at least the following numbers of similar assignments of value specified herein: -One project of similar nature in system integration, not less than the	The Clause modified as: - "The bidder must have successfully undertaken at least the following numbers of similar assignments of value specified herein: - One project of similar nature in system integration, not less than the amount ₹48,00,00,000/- (Forty-Eight Crores Only) OR

	<p>Technical Capability-II</p>	<p>amount ₹48,00,00,000/- (Forty Eight Crores Only) OR Two projects of similar nature in system integration) not less than the amount ₹36,00,00,000/- (Thirty Six Crores Only) OR Three projects of similar nature in system integration, not less than the amount ₹ 24,00,00,000/- (Twenty Four Crores Only) "Similar Nature" is defined as: Supply, Installation & Commissioning of Smart/Digital/Virtual Classrooms/ICT Computer Labs in Government/Semi Government Schools / Colleges/ Universities/Institutes in last five years. Purchase Order (PO) should be in the name of bidder only. Consortium Purchase orders will not be considered. All the components pertaining to Smart/Digital/Virtual Classrooms/ICT Computer Labs should be included in single PO</p>	<p>Two projects of similar nature in system integration) not less than the amount ₹36,00,00,000/- (Thirty-Six Crores Only)</p> <p>OR</p> <p>Three projects of similar nature in system integration, not less than the amount ₹ 24,00,00,000/- (Twenty-Four Crores Only)</p> <p>"Similar Nature" is defined as: Supply, Installation & Commissioning of Smart/Digital/Virtual Classrooms/ICT Computer Labs in Government/Semi Government Schools / Colleges/ Universities/Institutes or E-Governance/Smart City Projects in the last five years. Purchase Order (PO) should be in the name of bidder only. Consortium Purchase orders will not be considered. All the components pertaining to Smart/Digital/Virtual Classrooms/ICT Computer Labs should be included in the PO".</p>
10	<p>Page No-23, Clause No- 5.2 (a-i), Technical Evaluation</p>	<p>Annual turnover from IT/ITES in last 3 years > ₹180 Cr to <= ₹200 Cr = 05 Marks</p>	<p>The Clause modified as:-</p> <p>Annual turnover from IT/ITES in last 3 years > ₹120 Cr to <= ₹160 Cr = 05 Marks > ₹160 Cr to <= ₹190 Cr = 08 Marks</p>

	Criteria, Quality Certification	> ₹200 Cr to <= ₹250 Cr = 08 Marks > ₹251 Cr Above = 10 Marks	> ₹190 Cr Above = 10 Marks												
11	Page No-23, Clause No- 5.2 (a-ii), Technical Evaluation Criteria, Quality Certification	Quality Certification - CMMi Level 3 or higher: 3 Marks - ISO 9001:2015: 1 Marks - ISO 27001: 3 Marks - ISO 20000: 3 Marks	The Clause modified as: - Bidder/Any member of consortium should have below Quality Certification - CMMi Level 3 or higher: 3 Marks - ISO 9001:2015: 1 Marks - ISO 27001: 3 Marks - ISO 20000: 3 Marks												
	Page no. 42 Clause no. 7.20 -Payment Term 7.20.1 Site Preparation, Installation & Commissioning of equipment	<ul style="list-style-type: none"> 75% of amount against site preparation, hardware, software license and other cost shall be paid after functional of Lab and submission of Installation & Commissioning Report (ICR). Balance 25% shall be made in 10 equal half-yearly instalments during the project period on the receipt of half yearly lab functionality report. 	<ul style="list-style-type: none"> 75% of amount against site preparation, hardware, software license and other cost shall be paid after functional of Lab and submission of Installation & Commissioning Report (ICR). Payment shall be released after completion of each 100 Labs in all respect. Balance 25% shall be made in 10 equal half-yearly instalments during the project period on the receipt of half yearly lab functionality report. 												
12	Page No-44, Clause No- 7.24, Point No- 1, Technical Specifications, Low-end Server		The Specification modified as: - <table border="1" data-bbox="853 1273 2119 1517"> <thead> <tr> <th>Sl.No.</th> <th>Category</th> <th>Minimum Requirement</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Form Factor</td> <td>Tower (Minimum form factor preferable)</td> </tr> <tr> <td>2</td> <td>Processor Make</td> <td>x86 Architecture</td> </tr> <tr> <td>3</td> <td>CPU</td> <td>Minimum 1 x Latest generation from the offered CPU OEM</td> </tr> </tbody> </table>	Sl.No.	Category	Minimum Requirement	1	Form Factor	Tower (Minimum form factor preferable)	2	Processor Make	x86 Architecture	3	CPU	Minimum 1 x Latest generation from the offered CPU OEM
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1	Form Factor	Tower (Minimum form factor preferable)													
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			4	CPU Configuration	64 bit X86 processor fully binary compatible to 32 bit applications, minimum 4 core or more, each core supporting multi thread
			5	Memory	32GB DDR4 with ECC.
			6	Hard Disk	Minimum 4 HDD slots. 1TB SATA HDD @ minimum 7200 RPM from day1. Support for NVMe and SSD drive.
			7	Expansion Slots	Minimum 2 free PCIe Gen3 x16 slot
			8	USB Ports	Minimum 4 x USB 3.0
			9	Certifications & Compliance	Latest Version of Windows, Linux and Ubuntu OS including all industry standard virtualization software
			10	DVD ROM	Internal/external, to be offered from day1
			11	Networking	2 x 1G BaseT or higher, 1 dedicated 1Gb OOB Management port
			12	Power Supply	Minimum 1 (Adequate spare(s) to be factored for meeting the SLA.
			13	Warranty	5 years OEM on site compressive
			14	OEM Criteria	The OEM of quoted server should be in the leader quadrant of latest Gartner Magic quadrant of modular server or OEM should be from the top 3 during any two quarters of the preceding 4 quarters in the IDC India ranking.
			15	Country of Origin	The OEM/Product manufactured in a country sharing a land border with India cannot participate in this bid
			16	Other	21.5" OEM monitor, Key board and optical mouse
			17	IPv6	IPv6 ready certified

Revised tender schedule :

1. Last date and time for submission of Bid (through e-Nivida): - **09.07.2021, by 4.00 PM**
2. Date and time for opening of General & Technical Bid Documents: - **09.07.2021 at 4.30 PM**
3. Opening of Commercial Bid: - To be informed