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JSCL/2018/858

DATE: 20 09 2018

Corrigendum

This is with reference to NIT No. JCSL/2018/837/ADM/148 dated- 10-09-2018

"Appointment of Implementation Agency for Supply, Installation and Management of
Digital Library with Library Management Software (LMS) Integrated with RFID at
GANDHI BHAWAN LIBRARY, Jabalpur" as per Pre-Bid meeting held on 17 September
2018 and Bidders' queries/ clarification/ suggestions have been incorporated (as found suitable by JSCL) are mentioned bellow.

Chief Executive Officer

Jabalpur Smart City Limite



Section/Page reference of RFP	Query raised by the bidder	Recommendation from bidder with justification	JSCL Response
Section 1 Key Information /	The solution required is very		This clause changed to: The selection will be done through Quality and Cost
Bid Evaluation	specific and hence require		Based Selection process (QCBS) with 70:30 (70% weightage to technical score
Page No 10	selection of service provider		and 30% to weightage to financial score).
	considering the capabilities of		
The selection will be done	solution and technical		
through Least Cost Selection	feasibility of the solution. So,		
process (Li). Technically	weightage must be given to		
qualified bidder with least	technical strength of the		
cost will be awarded	solution provider. It is thereby		
	requested that Bid evaluation		
	methodology should also		
	capture the technical		
	capabilities of bidder in		
	addition to the price / cost of		
	solution proposed.		



Section 12 Technical	Query 1: The scores here are	Scores are given for number of users. If a bidder does not have experience of
Evaluation Criteria/point No.	given for 5000 or more ebooks	managing minimum 5000 number of ebooks then it will be disqualified.
5	or number of users	
Page No 46	Query 2 : what will be score	
	for a bidder who has e books	
Bidder should have	less than 5000	
experience of managing		
minimum 5000 No of e		
Books on subjects of Higher		
Education, Management,		
Engineering, Competitive		
Exams, Leisure and Good		
read in both Hindi and		
English also Newspapers in		
English and Hindi for large		
user base.		
user buse.		
This may be captive project		
(for end users) or for a		
particular client (private or		
government).		
governmenty.		
NOTE: User means direct		
user through Library		
platform availing services.		
placiotiti availing services.		



Section 1 Key Information / Bid Evaluation Page No 10 The selection will be done through Least Cost Selection process (Li). Technically qualified bidder with least cost will be awarded	After looking out at tender we found out that Tender is full of complicated technical requirements to make it world class library. So, the WIEGHTAGE OF TECHNICAL POINTS should be MORE ON QUALITY of content and material provided	Answered above.
Section 6 Deliverables, and Time Duration/ Point 5 , page 37	Time Line for deployment of Hardware: For testing development and staging environment hardware needs to be delivered at early stage policing AAA authentication, stabilizing the application, integration with CCC is complex also networking component, access points and bandwidth needs to be secured using policing and firewall and IPS, hence deployment of hardware needs to be done at T0+10 Weeks instead of To +20 weeks.	No Change. This clause will remain as per RFP.



Section 7 Payment Terms/Point 6 Page 39	Payments:-Payment milestone 5 & 6 are requested to be modified. It is requested that 20 % CAPEX should be taken out from 60% CAPEX part promised on go-live and the same should be paid at I &C of the hardware. Go-live payment could be kept as 40%	No Change. This clause will remain as per RFP.
	of the capaex accordingly.	
Section 1 Key Information /	Bid Evaluation Methodoloev:	Answered above.
Bid Evaluation	The extensive scope of work	
Page No 10	includes digital library	
	application , test prep, LMS,	
The selection will be done	RFID integration, integration	
through Least Cost Selection	with ICCC seamless	
process (Li). Technically	deployment of networking	
qualified bidder with least	equipment hosted on cloud,	
cost will be awarded	mobile agnostic application,	
	payment gateway integration	
	making it technology heavy	
	project, considering the	
	complex nature of solution	
	and interdependency of	
	modules, the evaluation	
	strategy should be such that	
	technical solution is given	
	appropriate weightage as	
	current structure of RFP is	
	least cost based which can	
	jeopardize the envisaged	



	solution. It is requested to make it a QCBS RFP	
Section 4 Maintenance and Support/ Point 16 Page 34	5 years of O&M along with 5 years of warrantee on hardware is an additional cost to Authority. 3 years O&M should be sufficient wherein in-house capabilities could also be developed saving on further O&M.	No Change. This clause will remain as per RFP.
Section 14 Annexure 2 Point 9 General Instructions on Preparation of the Technical Proposal Clause (c) / Page 100	<seems has<br="" like="" something="">been referred to is missing here>*Compliance to Technical and Functional Specifications as mentioned in Section Error! Reference source not found, and section</seems>	Compliance to Technical and Functional Specifications as mentioned in section 12



	Error! Reference source not found, of the RFP		
Section 14 Annexure 2 Point 9 General Instructions on Preparation of the Technical Proposal Clause (c)	•CVs of the Key Manpower proposed (Qualification of each resource is provided in this RFP Section Error! Reference source not found.)		CVs of the Key Manpower proposed (Qualification of each resource is provided in this RFP Section 5
/ Page 100 Section 14 Annexure 2 Point 15 Manufacturers Authorization Form / Page 108	Is this form required to be signed for both Hardware and Software?; And for each type of Material?		Yes, wherever applicable.
Section 14 Notes to Financial Bid / Page 84	Line items mentioned in the Financial Formats are for representation purpose and IA may propose alternate technology / solution (with proper justification). Bidders are required to suitably add line items / merge the cost components depending upon their proposed solution.	Need Clarification: Option to propose Alternate Solution / Technology (other than those specified in this RFP) may lead to 'Non -Uniform'	Clause removed.



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Section 12 Technical Evaluation Criteria/point No. 5

Page No 46

Bidder should have experience of managing minimum 5000 No of e Books on subjects of Higher Education, Management, Engineering, Competitive Exams, Leisure and Good read in both Hindi and English also Newspapers in English and Hindi for large user base.

This may be captive project (for end users) or for a particular client (private or government).

NOTE: User means direct user through Library platform availing services.

Query 1: There has not been any mention to Relative scores for Bidder who has 5000 or more e books from established Indian Publisher (Not Open source / Free content)
Query' 2:- In case of Captive Users / End users, the user does not provide work order.
So, there has to be some other measure than 'work order' to establish experience of managing 5000 or more e

books for end users.

Scoring is based on number of users. Revised Clause for document requirement for this criterion is:

"In case of Captive Project:

Project Citation along with Copy of Catalogue with 5000 e-books in digital format + Report on User base Size signed by Authorized signatory of the bidder and counter signed by CA/CS along with some proof like analytics report of Library platform (Authority if required will do a live check of the user base Size)."



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Annexure 3 Technical Speciifications / Page 118 Must be a chassis based switch and have minimum 32 x 40G QSFP+ or more ports distributed across minimum two or more interface line-cards fully populated with Mode Fiber Transceiver. In addition, it must have 48x 10G Base T ports and 48x 1/10G SFP+ ports fully populated with multi-mode fiber transceiver.

Must be a chassis based switch and have minimum 32 x 40G QSFP+ interface linecards fully populated with Mode Fiber Transceiver. In addition, it must have 48x 10G Base T ports and 48x 1/10G SFP+ ports fully populated with multi-mode fiber transceiver.

Different OEM have different architecture and port density each slot, asking "distributed across minimum two or more interface linecards" force OEM's to quote two line cards, hence increase the cost. This particular line "or more ports distributed across minimum two or more" gives undue advantage a particular OEM, hence requesting to change this clause.

This clause changed to : Must be a chassis based switch and have minimum $32 \times 40G$ QSFP+ interface line-cards fully populated with Mode Fiber Transceiver. In addition, it must have $48 \times 10G$ Base T ports and $48 \times 1/10G$ SFP+ ports fully populated with multi-mode fiber transceiver.



Annexure 3 Technical Speciifications / Page 118 Must have minimum 128K IPv4 Routes, 32K IPv6 Routes, 12K ACL's, 160K MAC Address, 4K active VLAN's and 4 hardware queues per port.	Must have minimum 128K IPv4 Routes, 32K IPv6 Routes, 12K ACL's, 70K MAC Address, 4K active VLAN's and 4 hardware queues per port.	Scalability figures are favoring to specific OEM. We understand that max Mac addresses limit can go upto 70000 to 80000 across Core and Access. Thus, will request you to amend this clause as "Switch should support minimum 70,000 no. of MAC addresses"	This clause changed to: Must have minimum 128K IPv4 Routes, 32K IPv6 Routes, 12K ACL's, 70K MAC Address, 4K active VLAN's and 4 hardware queues per port.
Annexure 3 Technical Speciifications / Page 118	Requesting to add VRF clause "Switch should have minimum 1000 VRF instances"	VRFs enable multi-tenancy. A VRF lives across the network. Request you to normalize the VRF ask across. Hence requesting the change to "Switch should have minimum 1000 VRF instances"	No change.



Annexure 3 Technical Specifications / Page 118 Requesting to change this clause "Platform should be should be EAL2/NDPP/DISA certified". This point ensure the during Vulnerabi Assessme Penetration Testing / a malicious present of hardware reputed viproducts a or NDPP of the control of the	lity nt and on audit no code is n the . All the endor are EAL
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	1	İ	
Annexure 3 Technical		We suggest	3 access switch are added. Financial bid is also modified. New Financial bid is
Speciifications / Page 118		below minimum	named as Pricebid_Version1. Speciification for Access Switch are :> Must be a
		specifications for	chassis based switch and have minimum 32 x 40G QSFP+ interface line-cards
		Access switch:	fully populated with Mode Fiber Transceiver. In addition, it must have 48x
			10G Base T ports and 48x 1/10G SFP+ ports fully populated with multi-mode
		> Switch support	fiber transceiver. >There should not be any Single point of failure in the
		in-line hot	switch. All the main components like CPU module, switching fabric, power
		insertion and	supplies and fans etc. should be in redundant configuration. >It must have
		removal of	minimum five or more vacant interface payload slots (after populating all the
		different parts	required above interfaces)>Chassis must support 40G / 100G interface line
		like power	cards (as required)>Must have minimum of 2.56 Tbps full duplex or more per
		supplies/fan tray	interface slot throughput.>All the interfaces / line-cards should be non-
		etc. should not	blocking and wire-speed for 64 bytes of packet size and have distributed
		require switch	forwarding architecture.>Must support minimum of 32 no of ports per LAG /
		reboot and	vLAG / Ether channel.>Must have minimum IPv6 Static routes, OSPFv3, PIM
	Requesting to provide	disrupt the	Sparse / Dense mode (SM /DM), Policy-based routing (PBR), Virtual routing
	minimum specification for	functionality of	and forwarding (VRF), BGP and Netflow/ Jflow/ Sflow. >Must support the
	Access Switch	the system	separation of data and control plane, to be controlled by SDN Controller,
		> 48 x 1G/10G	utilizing openflow or equivalent protocol.>Must have minimum 128K IPv4
		Ethernet RJ 45	Routes, 32K IPv6 Routes, 12K ACL's, 70K MAC Address, 4K active VLAN's and 4
		Interface and 6 x	hardware queues per port.
		40GbE QSFP28	
		ports	
		> Switch should	
		support	
		minimum 1000	
		VRF instances	
		> Switch should	
		support	
		minimum 2.16	
		Tbps of non	
		blocking capacity	
L	ı		



		> Switch should support minimum 90,000 no. of MAC addresses > Platform should be should be EAL2/NDPP/DISA certified	
Annexure 3 Technical Speciifications / Page 119 Must have minimum 1M IPv4 Routes, 200K IPv6 Routes, 32K IPv6 Multicast routes, 1M MAC Address and 4K active VLAN's.	Requesting to change this clause "Must have minimum 160K IPv4 Routes, 8K IPv6 Routes, 5K IPv6 Multicast routes, 200k MAC Address and 4K active VLAN's."	Scalability figures ask in the RFP are for service provider network, where OEM's need to provide carriergrade routers and increase the	This clause changed to: Must have minimum 160K IPv4 Routes, 8K IPv6 Routes, 5K IPv6 Multicast routes, 200k MAC Address and 4K active VLAN's.



		overall Project cost. Hence requesting to change the clause	
Annexure 3 Technical Speciifications / Page 119	Requesting to change this clause "Platform should be should be EAL2/NDPP certified".	This point will ensure that during Vulnerability Assessment and Penetration Testing / audit no malicious code is present on the hardware. All the reputed vendor products are EAL or NDPP certify.	No Change.
Annexure 3 Technical Speciifications / Page 120 Must have minimum 1M IPv4 Routes, 200K IPv6 Routes, 32K IPv6 Multicast routes, 1M MAC Address and 4K active VLAN's.	Requesting to change this clause "Must have minimum 160K IPv4 Routes, 8K IPv6 Routes, 5K IPv6 Multicast routes, 200k MAC Address and 4K active VLAN's."	Scalability figures ask in the RFP are for service provider network, where OEM's need to provide carriergrade routers and increase the overall Project cost. Hence requesting	This clause changed to: Must have minimum 160K IPv4 Routes, 8K IPv6 Routes, 5K IPv6 Multicast routes, 200k MAC Address and 4K active VLAN's.



		to change the clause	
Annexure 3 Technical Speciifications / Page 120	Requesting to change this clause "Platform should be should be EAL2/NDPP certified".	This point will ensure that during Vulnerability Assessment and Penetration Testing / audit no malicious code is present on the hardware. All the reputed vendor products are EAL or NDPP certify.	No change.
Annexure 3 Technical Speciifications / Page 120 The offered NGFW Solution shall be an integrated Next Gen Firewall platform which includes at least firewall, application control, user identity acquisition, IPS, Anti-Virus, Anti-Bot, Antispyware, URL Filtering, IPsec, event correlation and reporting and security policy management capabilities.	Requesting to change the clause "The offered NGFW Solution shall be an integrated Next Gen Firewall platform which includes at least firewall, application control, user identity acquisition, IPS, Anti-Virus/Anti-Malware, URL Filtering, IPsec, event correlation and reporting and security policy management capabilities."	Different OEM have different mechanism to meet the objective. A virus is just one type of malware, but the term is more widely used by the public. The term malware refers to any malicious	This clause changed to: The offered NGFW Solution shall be an integrated Next Gen Firewall platform which includes at least firewall, application control, user identity acquisition, IPS, Anti-Virus/Anti-Malware, URL Filtering, IPsec, event correlation and reporting and security policy management capabilities



		software, including a computer virus. Hence requesting you to reframe this clause.	
Annexure 3 Technical Speciifications / Page 121 The offered solution shall be in High Availability (Active- Hot Standby/Active-Active) set of two hardware and shall include all licenses required for Firewall, IPSEC VPN, SSL VPN, Application Visibility and Control, User- ID, Intrusion prevention, Anti Virus / Malware, Antispyware, Antibot, URL filtering,	Requesting to change this clause "The offered solution shall be in High Availability (Active-Hot Standby/Active-Active) set of two hardware and shall include all licenses required for Firewall / IPSEC VPN / SSL VPN / Application Visibility and Control / User-ID, Intrusion prevention, Anti Virus / Malware / Antispyware/ Antibot / URL filtering"	Different OEM have different mechanism to meet the objective. A virus is just one type of malware, but the term is more widely used by the public. The term malware refers to any malicious software, including a computer virus. Hence requesting you to reframe	This clause changed to: The offered solution shall be in High Availability (Active-Hot Standby/Active-Active) set of two hardware and shall include all licenses required for Firewall / IPSEC VPN / SSL VPN / Application Visibility and Control / User-ID, Intrusion prevention, Anti Virus / Malware / Antispyware/Antibot / URL filtering



Annexure 3 Technical Specifications / Page 121 Solution should comply with PCI DSS however not a relevant certification for federal government.	Requesting to remove this clause	Requesting to remove this is a specific to OEM. This clause is specific to USA federal government certification and not applicable in India	Clause removed.
Annexure 3 Technical Speciifications / Page 121 The solution should not allow for application and network traffic cache poisoning	Requesting to remove this clause	Requesting to remove this is specific to OEM. This clause gives undue advantage to a specific OEMs	Clause removed.
Annexure 3 Technical Specifications / Page 121 Offered NGFW solution must support at least 60K new connection per second and 5 Million of concurrent Connections	Requesting to change the clause "Offered NGFW solution must support at least 60K new connection per second and 9 Million of concurrent Connections"	Asked no. of concurrent Connections is way to less, requesting to change it to 9million	No Change. This clause will remain as per RFP.



Annexure 3 Technical Speciifications / Page 121 The Central Management system should be software based and should be able to build management server on Open Servers and VM infrastructure. Central NGFW Management should be able to manage at least 5 gateway on day1, It should be able to accommodate more firewalls to be managed in future with just license upgrade.	Requesting to change the clause "The Central Management system should be software based on Open Servers and VM infrastructure or an appliance based. Central NGFW Management should be able to manage atleast 5 gateway on day1, It should be able to accommodate more firewalls to be managed in future with just license upgrade."	All OEM offer centralized Mgmt solution in appliance form factor and hence requested change "The Central Management system should be software based on Open Servers and VM infrastructure or an appliance based. Central NGFW Management should be able to manage atleast 5 gateway on day1, It should be able to accommodate more firewalls to be managed in future with just license upgrade."	This clause changed to: The Central Management system should be software based on Open Servers and VM infrastructure or an appliance based. Central NGFW Management should be able to manage atleast 5 gateway on day1, It should be able to accommodate more firewalls to be managed in future with just license upgrade
Annexure 3 Technical Speciifications / Page 121 NGFW shall have ability to lock objects and rules while modifying it, avoiding	Requesting to remove this clause	Requesting to remove this is specific to OEM. This clause gives undue advantage	Clause removed.



administrator collision when there are multiple people doing changes in configuration at same point of time		to a specific OEMs	
Annexure 3 Technical Speciifications / Page 121 Solution must have the granularity of administrators that works on parallel on same policy without interfering each other	Requesting to remove this clause	Requesting to remove this is specific to OEM. This clause gives undue advantage to a specific OEMs	Clause removed.
Annexure 3 Technical Speciifications / Page 121 Anti-APT & Sandboxing solution must have advance technology to prevent malware at exploit stage to prevent attack technique itself such as ASLR, ROP, DEP etc.	Requesting to remove this clause	Requesting to remove this is specific to OEM. This clause gives undue advantage to a specific OEMs	Clause removed.
Annexure 3 Technical Speciifications / Page 121 Each appliance in Sandbox cloud must be supplied with at least 2x10 G ports.	Requesting to change the clause "Each appliance in Sandbox on-prem must be supplied with at least 2x10 G ports."	It has to be "on- premise" as physical interface is required. Requesting to change the clause	This clause changed to: Each appliance in Sandbox on-prem must be supplied with at least 2x10 G ports
Annexure 3 Technical Speciifications / Page 121 The solution should support	Requesting to remove this clause	Requesting to remove this is specific to OEM.	Clause removed.



deployment in MTA (Mail		This clause gives	
Transfer Agent) mode,		undue advantage	
inspect TLS & SSL		to a specific	
		OEMs	
Annexure 3 Technical		This point will	No Change.
Speciifications / Page 121		ensure that	
		during	
		Vulnerability	
	Danisation to alconomities	Assessment and	
	Requesting to change this	Penetration	
	clause "Platform should be	Testing / audit no	
	should be EAL2/NDPP certified".	malicious code is	
	certified .	present on the	
		hardware. All the	
		reputed vendor	
		products are EAL	
		or NDPP certify.	
Annexure 3 Technical		Please confirm	This clause changed to: Must have ability to scale to up to 40000 users
Speciifications / Page 127		actual count, we	
Must have ability to scale to		understand this	
up to 40000 users per		scalability	
appliance	Requesting to change this	figures. 50,000	
	clause "Solution must have	devices is too	
	ability to scale to up to 40000	much.	
	users and 50000 devices"	Kindly confirm	
	users and soudd devices	the actual	
		number of user	
		and devices to be	
		supported from	
		day 1.	



Annexure 3 Technical Specifications / Page 128 AAA server should have device profiling functionality for 50000 concurrent devices to enforce context aware policies.	Clarification	Please confirm actual count, we understand this scalability figures	This clause changed to: AAA server should have device profiling functionality for 5000 concurrent devices to enforce context aware policies.
Annexure 3 Technical Speciifications / Page 128 Solution must be capable of providing captive portal access. License for 50000 devices should be available	Clarification	Are we expecting 50,000 guest? Requesting authority to provide actual no. 50,000 license from Day 1 will increase overall project cost.	This clause changed to: Solution must be capable of providing captive portal access. License for 5000 devices should be available
Annexure 3 Technical Speciifications / Page 128	Requesting to change this clause "Platform should be should be common criteria certified ".	This point will ensure that during Vulnerability Assessment and Penetration Testing / audit no malicious code is present on the hardware. All the reputed vendor products are common criteria certify.	No Change.



Annexure 3 Technical Speciifications / Page 130 Should automates prevention by autonomously reprogramming itself using threat intelligence	Requesting to change this clause "Should support threat intelligence"	Endpoint Specs have terminologies which are favoring a single OEM. Alternate ways of achieving same are available, however documentary evidence can be produced by a single OEM only. Request to remove this clauses Or accept alternate ways.	This clause changed to Should support threat intelligence
Annexure 3 Technical Speciifications / Page 130 The proposed solution must prevent exploitation of unpatched OS like Windows XP vulnerabilities	Requesting change this clause "The proposed solution must prevent exploitation of unpatched OS like Windows XP/Windows 7 vulnerabilities"	Windows XP extended support ended on April 2014, since this product no longer supported by its OEM, installing an end- point client is not suggested as per best security practices	This clause changed to: The proposed solution must prevent exploitation of unpatched OS like Windows XP/Windows 7 vulnerabilities



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Annexure 3 Technical
Speciifications / Page 130
Should block malicious
macros from running when
launched from a Microsoft
office process on Windows
endpoints for the file
formats: Microsoft Office
2003 to Office 2007—doc,
xls Microsoft Office 2010
and later releases—docm,
docx, xlsm, xlsx

Please change the clause to
"Should block malicious
macros / file from running
when launched from a
Microsoft office process on
Windows endpoints for the
file formats: Microsoft Office
2003 to Office 2007—doc, xls
Microsoft Office 2010 and
later releases—docm, docx,
xlsm, xlsx"

Endpoint Specs have terminologies which are favoring a single OEM. Alternate ways of achieving same are available, however documentary evidence can be produced by a single OEM only. Request to remove this clauses Or accept alternate ways.

This clause changed to: Should block malicious macros / file from running when launched from a Microsoft office process on Windows endpoints for the file formats: Microsoft Office 2003 to Office 2007—doc, xls Microsoft Office 2010 and later releases—docm, docx, xlsm, xlsx



Stage 3 Financial Evaluation, page 41	d. The bid with least price shall be awarded the project. L1 bidder will win the bid.	The Normalized Financial score of the technically qualified bidders will be calculated, while considering the Total Cost of Bid given by each of the Bidders in the Financial Bid as follows: Normalized Financial Score of a Bidder = {Lowest TCB/ Bidders TCB} X 100 (adjusted to 2 decimals) The final score will be calculated through Quality and Cost selection method based with the following weight-age: Technical: 70%, Financial: 30% Final Score = (0.70* Technical Score) + (0.30* Normalized Financial Score) The bidder with the highest Final score shall be treated as the Successful bidder. In the event the Final scores are 'tied', the bidders whose score is tied securing the lowest (among all the tied bidders) financial score will be adjudicated as the Best Value Bidder for award of the Project.
Stage 3 Financial Evaluation , page 41	e. If L1 bidder fails to submit the Performance Bank Guarantee (PBG) and align the agreement as per the timelines defined in this RFP, L2 bidder will be invited for negotiations. In this case, L2 bidder will be asked to match the prices of L1 bidder. Final decision of awarding the project to L2 bidder will depend upon the mutually agreed price between both the parties (bidder and Authority).	Revised clause as: If highest scoring bidder after QCBS round fails to submit the Performance Bank Guarantee (PBG) and align the agreement as per the timelines defined in this RFP, the second highest scoring bidder (after QCBS round) bidder will be invited for negowtiations. In this case, the second highest scoring bidder will be asked to match the prices of highest scoring bidder. Final decision of awarding the project to second highest scoring bidder will depend upon the mutually agreed price between both the parties (bidder and Authority).



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Form - 2: CAPEX

No) .	Line Item
1		2
1		Digital Library Platform prepectual licence with unlimited users



2	Smart Self Teaching (Multi-Media Content in Hindi and English from Class 1 to 12) prepectual licence with unlimited users
3	Test Preparation Platform prepectual licence with unlimited users
4	Smart Language Lab prepectual licence with unlimited users
5	Library Management System (LMS)Software solution perpetual license
6	Digital Library Mobile Application (for end users and admin)
7	Mega Display 85 inch LED 4K HD resolution scree
8	e-Library system: 40 Nos (20 Boys+20 Girls rooms)
9	Language Lab: 20 Nos with headphones & Mic
10	Test Prep: 60 Nos
11	Tablets with cover & stand (10 inch minimum)
12	Wifi Access Points
13	LAN SETUP (lumpsum for the complete project setup)
14	Server (Database and Application)
15	Storage
16	IT Rack
17	Core Switch
18	Core Router
19	Internet Switch
20	Next Generation Firewall
21	Web Application Firewall
22	AAA
23	End Point Protection



24	Database Management System (DBMS) prepectual licence
25	RFID Tags for Books
26	RFID Staff Station
27	RFID Library Security Gate Single Aisle (2 EAS Pedestals)
28	RFID Wi-Fi Handheld Reader for Shelf Management
29	Smart card printing for members
30	RFID smart card
31	Library Label /Anti-Theft Sticker
32	Work Stations -for Library Assistant and librarian
33	Turnstile Gate (for entrances - 2 on each entrance of building)
34	UPS (2 hour back up - 2KVA online UPS)
35	Data Entry of books and library materials on LMS
36	Printer
37	Access Switch
	Total Price
1	







Form 3 - OPEX

No.	Line Item	Quantity Proposed	O&M Cost per Year	Total O&M cost (Exclusive of Taxes) for 5 years	All taxes, levies, duties etc. as applicable (In INR), excluding GST (Per Unit)	Total O&M cost including All taxes, levies, duties, etc.as applicable (In INR) for 5 years (excluding GST)
1	2	3	4	5 = (3 * 4)*5 Years	6	7 = ((6 + 4) * 3)* 5 years
1	Project Manager (cost for man year is to be quoted)	1		₹ 0.00		₹ 0.00
2	Library Assistants	1		₹ 0.00		₹ 0.00
3	Digital Library Platform prepectual licence with unlimited users (Cloud operations cost - for 5000 concurrent users)	1		₹ 0.00		₹ 0.00



4	Smart Self Teaching (Multi-Media Content in Hindi and English from Class 1 to 12) prepectual licence with unlimited users (Cloud operations cost - for 5000 concurrent users)	1	₹ 0.00	₹ 0.00
5	Test Preparation Platform prepectual licence with unlimited users (Cloud operations cost - for 5000 concurrent users)	1	₹ 0.00	₹ 0.00
6	Smart Language Lab prepectual licence with unlimited users (Cloud operations cost - for 5000 concurrent users)	1	₹ 0.00	₹ 0.00
7	Library Management System (LMS)Software solution perpetual license	1	₹ 0.00	₹ 0.00
8	Digital Library Mobile Application (for end users and admin)	1	₹ 0.00	₹ 0.00
9	Mega Display 85 inch LED 4K HD resolution scree	3	₹ 0.00	₹ 0.00
10	e-Library system: 40 Nos (20 Boys+20 Girls rooms)	40	₹ 0.00	₹ 0.00
11	Language Lab: 20 Nos with headphones & Mic	20	₹ 0.00	₹ 0.00
12	Test Prep: 60 Nos	60	₹ 0.00	₹ 0.00
13	Tablets with cover & stand (10 inch minimum)	10	₹ 0.00	₹ 0.00
14	Wifi Access Points	10	₹ 0.00	₹ 0.00
15	LAN SETUP (lumpsum for the complete project setup)	1	₹ 0.00	₹ 0.00
16	Server (Database and Application)	2	₹ 0.00	₹ 0.00
17	Storage	1	₹ 0.00	₹ 0.00
18	IT Rack	2	₹ 0.00	₹ 0.00
19	Core Switch	1	₹ 0.00	₹ 0.00
20	Core Router	1	₹ 0.00	₹ 0.00
21	Internet Switch	1	₹ 0.00	₹ 0.00
22	Next Generation Firewall	1	₹ 0.00	₹ 0.00



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23	Web Application Firewall	1	₹ 0.00		₹ 0.00
24	AAA	1	₹ 0.00		₹ 0.00
25	End Point Protection	1	₹ 0.00		₹ 0.00
26	Database Management System (DBMS) prepectual licence	1	₹ 0.00		₹ 0.00
27	RFID Tags for Books	50000	₹ 0.00		₹ 0.00
28	RFID Staff Station	1	₹ 0.00		₹ 0.00
29	RFID Library Security Gate Single Aisle (2 EAS Pedestals)	2	₹ 0.00		₹ 0.00
30	RFID Wi-Fi Handheld Reader for Shelf Management	1	₹ 0.00		₹ 0.00
31	Smart card printing for members	5000	₹ 0.00		₹ 0.00
32	RFID smart card	500	₹ 0.00		₹ 0.00
33	Library Label /Anti-Theft Sticker	50000	₹ 0.00		₹ 0.00
34	Work Stations -for Library Assistant and librarian	2	₹ 0.00		₹ 0.00
35	Turnstile Gate (for entrances - 2 on each entrance of building)	4	₹ 0.00		₹ 0.00
36	UPS (2 hour back up - 2KVA online UPS)	2	₹ 0.00		₹ 0.00
37	Data Entry of books and library materials on LMS	1	₹ 0.00		₹ 0.00
38	Printer	1	₹ 0.00		₹ 0.00
39	Access Switch	3	₹ 0.00		₹ 0.00
	₹ 0.00				

Form 1 - Summary

Financial Bid for Appointment of IA for Supply, Installation and Management of Digital Library with LMS with RFID at GANDHI BHAWAN LIBRARY, Jabalpur



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Total Project Price	₹ 0.00
OPEX	₹ 0.00
CAPEX	₹ 0.00

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