



Jabalpur Smart City Limited

CIN- U75100MP2016SGC035536

JSCL/2017/241

Date:- 06/05/17

Corrigendum

Selection of Agency/SI/MSI for Implementation and Management of Smart Schools in City of Jabalpur (5 Municipal Schools/20 Classrooms on Pilot)

RFP/NIT no.: JSCL 2017/172

This is with reference to NIT JSCL/2017/172 dated 21/03/2017 "Selection of Agency/SI/MSI for Implementation and Management of Smart Schools in City of Jabalpur (5 Municipal Schools/20 Classrooms on Pilot)" for smart city limited Jabalpur in various newspapers. This is to inform that all that following amendments have been made which is under:-

Revised Bid Schedules

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| 1. Last date of purchasing of tender document: | 19/05/2017 |
| 2. Last date of submission of document online: | 22/05/2017 |
| 3. Last date of submission of document in hardcopy: | 26/05/2017 (05:30 PM) |
| 4. Date of opening of technical bid: | 29/05/2017 |
| 5. Date of Technical Presentation : | To be notified later |
| 6. Date of opening of Financial bid: | 31/05/2017 |

Clarification of pre bid queries are attached with this.

As part of this corrigendum/addendum, **pre-qualification formats, technical bid formats, commercial bid formats and other relevant annexures** have also been released along as a separate document.

Executive Director

Jabalpur Smart City limited

Pre-Bid Clarification:

Pre-Bid meeting was held on 18/04/2017, following clarifications were sought with the response given as of below:

| Sr. No. | Section Page/ Reference | RFP Section | Content Requiring Clarification | Points of Clarification | Justification, if any | Response |
|---------|-------------------------|----------------------------------|--|--|---|---|
| 1 | 14 | 1.6 – Pre qualification Criteria | The Bidder or any member of consortium should possess Valid ISO Certification. ISO 29990 for educational services and training ISO 9001:2000 for quality management ISO 35.020 for IT general aspects including equipment. | <p>_ISO 9001:2000 policy emphases on the need of quality standards required for execution of projects like the Smart City / Smart Class project The quality management and quality assurance framework developed helps companies to effectively document the quality system elements to be implemented to maintain an efficient quality system.</p> <p>_Moreover, ISO 29990: Quality Management for Learning Service Providers & is similar to the quality management standard ISO 9001</p> <p>_While ISO 35.020 is standards for general aspects of IT equipment. This standard has relevance to Original Equipment Manufacture - We recommend the following: The Bidder or any member of consortium should possess Valid ISO 9001:2000 for quality management OR Certification ISO 29990 for educational services and training OR ISO 9001:2000 • Involves Top management in the improvement of the Quality management System facilitates the organization to become a customer-focused organization. • Ensures sustained customer satisfaction by producing, delivering services and providing support functions that meet customer's needs and expectations.</p> | While all the components form a important role in the deployment of smart school solution, it stands important to have ISO for each of the components. But with reference to pre-bid queries received from more 3 bidders against this parameter, the clause has been revised | <p>(Section 1.6, Sr no 6, column 2, Qualification Criteria)</p> <p>The Bidder or any member of consortium should possess one of the following 3 Valid ISO Certifications:</p> <ol style="list-style-type: none"> 1.ISO 29990 for educational services and training. 2. ISO 9001:2000 for quality management. 3.ISO 35.020 for IT general aspects including equipment. |
| 2 | 22 | 2.25 Technical | Experience in implementation of Smart School/Smart Education System/Digital | The Marks allocated are 15 while the marks with break up are reflecting as 8.5 marks With our experience of | Please refer point no 4 in section 1.6 which states "The Bidder (any of the | (2.25 Technical Evaluation, S.no 2 Column 2, Scoring Parameter) Experience in implementation of 3 |

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|---|----|--------------------------|--|--|---|--|
| | | Evaluation | Classroom with Learning Management System/ IT networking amongst classrooms & Schools | participating in similar tenders, we recommend a QCBS method of Technical & Financial Evaluation Attached are copies of tender for Smart City Udaipur, Jaipur & many more are to be released shortly | consortium members, in case of consortium) should have experience in implementing at least 3 Projects related to implementation of Smart School, Smart Classroom, Virtual Class Rooms, Learning Management System, School Management System within last five years (as on bid publish date) in India. Each of such projects should qualify following criteria: § Smart Classrooms at minimum 1 distant location § Project Value of minimum INR 1 (one) Crore § Projects which have been successfully completed (Go-Live) (not mandatory but preferable)" For eg: if a bidder has completed 3 projects on school management system with learning management system marks allocated will be 15. Regarding suggestion on QCBS, please section 2.27 of the RFP. This bid is already based on QCBS evaluation in ratio of 0.70 and 0.30 respectively. | projects from any of the following: 1. Smart School 2. Smart Education System 3. Digital Classroom with Learning Management System 4. IT networking amongst classrooms & Schools |
| 3 | 83 | 3.37.3- Payment Schedule | Quarterly Payments subject to satisfactory performance during Phase III. The Remaining 60% of contract value (i.e. Total Project Cost) to be equally amortized over 10 quarters in | It is suggested to revise the payment terms like The remaining 40 % of contract value to be equally amortized over 10 quarter in equal quarterly annuities | | # Milestone Description (as per Scope in Section 2.28 of the RFP and compliance to Section 3.16.1 and 3.17.4 of the Master Service Agreement) and % payment terms- |

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| | | | equal quarterly annuities. | | | <p>Mobilisation Advance of 5% will be given within 15 days of signing of agreement:</p> <p>1 Completion of Phase I + Completion of PAT (P1): 20% of contract value (i.e. Total Project Cost)</p> <p>2 Completion of Phase II + Completion FAT (P2): 30% of contract value (i.e. Total Project Cost)</p> <p>3 Quarterly Payments subject to satisfactory performance during Phase III The Remaining 45% of contract value (i.e. Total Project Cost) to be equally amortized over 10 quarters in equal quarterly annuities</p> |
| 4 | 58 | 3.16.1 Approvals and Required Consents | Phase 1: Development and Implementation of School Management System and Installation of Hardware for Studio, Classrooms, Lab, Library, Entire School including staff rooms and Principal's office in 45 days | <p>We recommend the following for data availability to meet deadlines: 1.Data Availability from the School in desired Format(Exl,CSV) Must be ready /available before Project Starts. 2. Data Availability from the School in semi-desired Format (Images, pdf) Must be available within 1 week of Project Starts 3. Date of Project to be considered from the day Basic Data is available for quick import send prior by the Implementation company for each module</p> | <p>Point no 1 and 2 agreed. Basic data sheet is being attached with the corrigendum. While all bidders have been relaxed from doing a POC, SI/MSI/Implementation Agency will be required to carry out the detailed analysis from day of commencement</p> | <p>(Page no 57, Section 3.16.1) PROJECT PHASES AND TIMELINES –</p> <p>For implementation purposes, we are dividing the project into 3 phases –</p> <p>Phase 1: Development and Implementation of School Management System and Installation of Hardware for Studio, Classrooms, Lab, Library, Entire School including staff rooms and Principal's office: 45 days. 1. Preliminary data related to basic infra of the school will be made available by JSCL in desired format (Exl,CSV) before project starts. 2. Data availability from the school in semi-desired format (Images, pdf) will be made available by JSCL within 4 days of commencement of project.</p> |

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| | | | | | | Phase 2: Training of Teachers, Students, Staff & Parents and Development & Implementation of Learning Management System and Library Management System: 5 Months Phase 3: Operation, Maintenance and Monitoring: 2 Years 9 Months |
| 5 | 10 | 1.3. Current Tender Objective | Common website for all 5 Municipal schools with individual dashboard for each school | We recommend Architecture of Solution must be SAAS Based to manage individual website and various custom forms and processed for different category of school. | School Management System can be based on any solution architecture and will be required to cover the scope as mentioned in the RFP. | Not required |
| 6 | 26 | 2.28.1. SMART SCHOOL MANAGEMENT SYSTEM | Required Modules of School Software : Finance | The Scope of Finance Module should be elaborated. It May Include : Fee Module+ Payroll + Inventory and Purchase + Accounts | As this is a government school; payroll, fees and other related components are not managed at school level and managed by Municipal Corporation | Not required |
| 7 | 26 | 2.28.1. SMART SCHOOL MANAGEMENT SYSTEM | CWA Evaluation | Cognitive work analysis is highly specialized area based on Neuro science and AI Tools. In case this is made mandatory then it's good for education Software to have for long term | This will be part of future integration as behavioural analysis and neuroscience has not been scoped under current RFP. | Feature Integration |
| 8 | 28 | | CWA Evaluation | It is meant to be Accounting module or its related to Fixed asset and infrastructure detail in a separate module? | This is related to fixed asset and infra details. As mentioned, accounting module is not required as this is not being done at city level and is being managed by Municipal Corporation separately | Not required |
| 9 | 29 | Eligibility Criteria | The Bidder (any of the consortium members, in case of consortium) should have experience in implementing at least 3 Projects related to | As per our understanding of this clause, we assume that all projects started or allocated prior to last 5 years(i.e projects awarded prior to year 2012) but are still in the process | Yes projects started or allocated prior to last 5 years but are still in the process of completion will be considered in eligibility | The Bidder (any of the consortium members, in case of consortium) should have experience in implementing at least 3 Projects related to implementation of |

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| | | | implementation of Smart School, Smart Classroom, Virtual Class Rooms, Learning Management System, School Management System within last five years (as on bid publish date) in India. Each of such projects should qualify following criteria: § Smart Classrooms at minimum 1 distant location § Project Value of minimum INR 1 (one) Cr § Projects which have been successfully completed (Go-Live) (not mandatory but preferable) | of completion should be considered in the eligibility criteria as well as marking scheme. Kindly clarify. Request to take into account Smart University also into eligibility criteria. | criteria and marking scheme. Yes Smart School or any similar educational institute project (like smart university) would be considered. | Smart School/University, Smart Classroom, Virtual Class Rooms, Learning Management System, School/Integrated University Management System within last five years (as on bid publish date) in India or abroad (projects which are LIVE or in process of implementation will also be considered even in case such project was kicked-off prior to 2012). Each of such projects should qualify following criteria: |
| 10 | Page 10 | 1.3- B: Setting up of Learning Management System | Implementation Agency thus working under this RFP will have to create 2D/3D content for learning based on syllabus prescribed under MP Board or any other relevant syllabus prescribed by Education Department through Jabalpur Smart City Limited (JSCL). | The agency has to create altogether new 2D/3D content in consultation with JSCL or content already created for MP board may be used. As the new content creation will have significant impact on cost, request you to please clarify this aspect. | | 1.3.B1-Implementation Agency thus working under this RFP will have to create 2D/3D content for learning based on syllabus prescribed under MP Board or any other relevant syllabus prescribed by Education Department through Jabalpur Smart City Limited (JSCL). 1.3.B2-Already prepared content can also be used so far as it fulfills the requirements mentioned in the clause 1.3.B1 |
| 11 | Page 10 | 1.3- B: Setting up of Learning Management System | Facilitation of digital contents syllabus-wise and subject-wise in Hindi as well as English. Hindi will be the primary language of the overall smart school project while English shall be essential and secondary. | Syllabus and subject wise complete content should be in both the languages? Please clarify. | | Yes, subject-wise complete content has to be in both languages. (excluding language subjects which can only be in a single language) |
| 12 | Page 10 | 1.3- B: Setting up of Learning Management System | Live streaming of lectures with facility of interaction with students from various classrooms in real time. Students should be able to ask questions in real time over voice communication. | Will it be a two way video communication or live video streaming from teach and voice communication for asking questions? IF it is voice communication what will the mode? Is it through IP phone? | | REVISED CLAUSE: Live streaming of lectures with broadcasting facility to all Smart Classrooms. Students should be able to ask questions in real time over voice/text communication through the teacher in the class. |

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| 13 | Page 10 | 1.3- B: Setting up of Learning Management System | Modern features for recording and replay of lectures in offline mode as well as internet streaming. | Request you to please elaborate on modern features of recording and replay. | | To be suggested by bidder. Technical evaluation will be done based on feasible solutions proposed and already implemented. This is automatic CD writers connected to high resolution webcams wherein lecture are automatically recorded incompact disc. |
| 14 | Page 10 | 1.3- B: Setting up of Learning Management System | Project assignment and submission on learning management system. Interactive facility for the projects between schools, students and teachers. | It appears that login for each student should be created in LMS, assignment sharing will also be allowed between students and schools? Please clarify? | Yes, assignment sharing will be allowed. | REVISED CLAUSE: Project assignment and submission on learning management system. Interactive facility for the projects between schools, students and teachers. This will also have assignment feature based on individual login and will also have teacher to student and vice-versa feature. |
| 16 | Page 25 | 2.28.1. SMART SCHOOL | Human Resource Management | Already Student Management and partly Staff Management is there. No detail specification of Human Resource Management is mentioned in the tender docs. Please clarify in details with proper parameter for work. | | To be done by Implementation Agency as part of feasibility study under phase-1. i.e 1. Staff attendance 2. Staff leave management 3. Staff training etc |
| 17 | Page 25 | 2.28.1. SMART SCHOOL | Records & Profiles Management | Please specify the details of this head. The range under this head is unlimited. For example it can start with a outsider's visit and can end with the top level authority's details. So clear specification of the work module with parameters are needed to understand the scope of the work. | | Records & Profiles Management for: 1. Students 2. Teachers 3. Parents |
| 18 | Page 26 | 2.28.1. SMART SCHOOL | This system should be marked by additional features such as news and events, school calendar, profile search, messages, internal mail, etc. | By Internal Mail do you mean full-fledged mail system? | Yes it will be full-fledged e- mail system to the volume of 100 e mail IDs. This will be for teachers and authorities only. | REVISED: This system should be marked by additional features such as news and events, school calendar, profile search, messages, internal mail (for teachers, principal and JSCL authority only), etc. |
| 19 | Page 26 | 2.28.1. SMART SCHOOL | This system should be marked by additional features such as news and events, school calendar, profile | These features are website features. How are they related to the software part? Please | | This will be part of dashboard under School Management System. |

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| | | | search, messages, internal mail, etc. | clarify in details. | | |
| 20 | Page 26 | 2.28.1. SMART SCHOOL | Student Admission- Manage all employees from admission to exit | Under Student Admission how this feature is included, Please clarify. | | Student Admission: Manage all student database from admission to exit |
| 21 | Page 26 | 2.28.1. SMART SCHOOL | Modules of School Software- Finance | By Finance we mean Tally ERP. No specifications about Finance is given. So the specifications are highly required to understand the scope of work. Until and unless the proper parameter of work is given how to raise questions for clarifications. | | As this is a government school, finance module would only cover the inflow and outflow of funds and will not be required to manage the fees, payroll or payment components i.e tracking of Cash flow |
| 22 | Page 26 | 2.28.1. SMART SCHOOL MANAGEMENT SYSTEM | Examinations in School Software | It is assumed that for conducting online examination, IT infrastructure for student (Individual Computers/laptops) will be provided by JSCL. Please clarify. | | |
| 23 | Page 26 | 2.28.1. SMART SCHOOL MANAGEMENT SYSTEM | Security, Surveillance, Visitor Management System, Attendance Management, Wi-Fi facilities. | Please elaborate on Wi-Fi facility as how many access points to be provided and how many users it should support for each access point. | | JSCL will be responsible to provide working internet connection to School. The SI will be responsible to spread the same to School campus using Wi-Fi. |
| 24 | Page 28 | 2.28.1. SMART SCHOOL MANAGEMENT SYSTEM | Student Information Management System: 1. Manage Asset and Liabilities 2. Search for any users using the search bar | The point needs more clarifications with specific parameters. | | |
| 25 | Page 32 | 2.28.3. IT INFRASTRUCTURE REQUIREMENTS | Bill of materials is not mentioned. | It is requested to provide minimum quantity of items to be provided (BOM). | | Indicative BOM is part of RFP |
| 26 | Page 42 | 2.28.4 IT NETWORKING REQUIREMENTS | Bill of materials is not mentioned. | It is requested to provide minimum quantity of items to be provided (BOM). | | Indicative BOM is part of RFP |
| 27 | Page 45 | 2.28.5 SOFTWARE REQUIREMENTS | Apart from the above mentioned Hardware for the Digital Classroom, IT Labs and Digital Libraries JSCL wants to: | What provisions a bidder has to make for integration with central command and control center of JSCL? Request you to provide the technology platforms, up to | | Apart from the above mentioned Hardware for the Digital Classroom, IT Labs and Digital Libraries JSCL wants to: |

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| | | TS | Create school functioning/administration system and integrate it with proposed Central Command and Control Centre of JSCL. | what extent it should be integrated? We require complete technical information of command and control center for provision integrations. | | Create school functioning/administration system and integrate it with proposed Central Command and Control Centre of JSCL to the extent that a reporting dashboard can be flashed to command and control center as part of effective governance. |
| 28 | Page 45 | 2.28.5 SOFTWARE REQUIREMEN TS- Teacher specific software | Software to encourage collaboration: Distribute and collect digital assignment, form chat groups on topics and Interact via virtual whiteboard, remotely collaborate with other teachers | Please explain about chat groups? Is it internal to the system? How it will be implemented? | Chat feature removed. | REVISED CLAUSE: Software to encourage collaboration: Distribute and collect digital assignment on topics and remotely collaborate with other teachers through student login id. |
| 29 | Page 45 /46 | 2.28.5 SOFTWARE REQUIREMEN TS- Student specific software | To hear how to pronounce English words to build fluency • To connect various sensors to conduct Science projects / experiments • To see 2D and 3D models to better visualize STEM concepts • To create multi-media projects and report • To monitor learning process of students and assess student performance and provide real-time feedback to teachers, parents etc. • Access to Open Education Resources relevant to offline learning. | Is this apart from specific MP board content? Request you to please clarify about scope related to course contents. | | Yes it is apart from MP Board content and has to be part of student specific software. |
| 30 | Page 46 | 2.28.5 SOFTWARE REQUIREMEN TS- Services to be provided | The Bidder may also need to install MIS software/application to be provided by Jabalpur Smart City Limited on all the systems to be supplied for the facility management, Infrastructure and asset management, monitoring of the IT education delivery etc. Bidder would also be required to send various reports using this application. Some of the MIS software/applications will be required to be pre-loaded in the | You are request to provide details of this MIS application if it has to be integrated with school management system. | | 1. This is for future integration. In case JSCL realises need of any application to be deployed, it will be procured by JSCL and will have to deployed by implementation agency (IA) on-boarded under this RFP. 2. For pre-loaded MIS software/application, IA will have to study the requirements during the Phase 1 of the project and implement it as part of Phase 2. |

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| | | | equipment's | | | |
| 31 | Page 46 | 2.28.6 MANPOWER REQUIREMEN TS | Development Phase | Development will be done at bidder's office premises hence we understand that during development phase the man power may not be required full time at site. If it is otherwise please clarify. | | Agreed. But more than 60% of desired manpower should be available for the periodical meetings suggested in this RFP. |
| 32 | Page 89 | 3.37.3 Payment Schedule | Phase wise payment | <p>We request you to please change the payment clause as;</p> <ol style="list-style-type: none"> 1. 5 % of total project cost at the start of the project (Mobilization) 2. 80 % payment of hardware after delivery of hardware. 3. 100 % payment for hardware after testing and installation of hardware at JSCL. <p>Later phase wise payment may be kept.</p> | | <p># Milestone Description (as per Scope in Section 2.28 of the RFP and compliance to Section 3.16.1 and 3.17.4 of the Master Service Agreement) and % payment terms-</p> <p>Mobilisation Advance of 5% will be given within 15 days of signing of agreement:</p> <ol style="list-style-type: none"> 1 Completion of Phase I + Completion of PAT (P1): 20% of contract value (i.e. Total Project Cost) 2 Completion of Phase II + Completion FAT (P2): 30% of contract value (i.e. Total Project Cost) 3 Quarterly Payments subject to satisfactory performance during Phase III The Remaining 45% of contract value (i.e. Total Project Cost) to be equally amortized over 10 quarters in equal quarterly annuities |
| 33 | Page no.14 -15 Point 1.6 | 15 Point 1.6 | The Bidder (Lead bidder in case of consortium) should have an average annual turnover of at least INR 100 Cr over the last three financial years (FY 2013 - 14, 2014 - 15, 2015 - 16). | This turnover requirement is too high considering the fact that small companies as well start-ups also have solution for this requirement. Please revise and lower the turnover requirement. | | The Bidder (Lead bidder in case of consortium) should have an average annual turnover of at least INR 25 Cr over the last three financial years (FY 2013 - 14, 2014 - 15, 2015 - 16). |
| 34 | 1(i) | | The Bidder (any of the consortium members, in case of consortium) should have experience in implementing at least 3 Projects related to implementation of Smart School, Smart Classroom, Virtual Class Rooms, Learning Management System, School Management System within | This requirement should also consider our experience in doing similar work outside India as well. Our consortium partner has this experience with USA schools and universities. Please permit experience outside India as well. | | The Bidder (any of the consortium members, in case of consortium) should have experience in implementing at least 3 Projects related to implementation of Smart School/University, Smart Classroom, Virtual Class Rooms, Learning Management System, School/Integrated University Management System within last |

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| | | | last five years (as on bid publish date) in India. Each of such projects should qualify following criteria: | | | five years (as on bid publish date) in India or abroad (projects which are LIVE or in process of implementation will also be considered even in case such project was kicked-off prior to 2012). Each of such projects should qualify following criteria: |
| 35 | 1(ii) | | <p>1-Project Value of minimum INR 1 (one) Crore</p> <p>2- Projects which have been successfully completed (Go-Live) (not mandatory but preferable)</p> | <p>1-This should also be lowered as Min. 1 crore project value is high. Please lower it.</p> <p>2-Part systems which are LIVE and part systems where work is going on currently. I hope that is permissible and as per the expectations.</p> | | <p>1- Project Value of minimum INR 50 (Fifty Lacs)</p> <p>2-Permissible</p> |

Annexure 1: Declaration of Acceptance of Terms and Conditions in RFP

(To be submitted by Bidder / All members of the consortium)

To,

[Date]

The Executive Director,
Jabalpur Smart City Limited,
Manas Bhavan, Wright Town,
Jabalpur, Madhya Pradesh,
India

Sub: Selection of Agency/SI/MSI for Implementation and Management of Smart Schools in City of Jabalpur (5 Municipal Schools/20 Classrooms on Pilot)

Ref: JSCL/School Education/....., Dated

Sir,

It is to certify that the RFP document – RFP No..... dated..... is carefully Read & Understood and all the sections and clauses are COMPLIED UNCONDITIONALLY AND UNEQUIVOCALLY. There is no deviation from the terms & conditions of the RFP. We also hereby Confirm that the solution proposed by us will meet the project requirements.

Yours faithfully,
(Signature, name and designation of the authorized signatory)

(Name and seal of the firm)

Annexure 2- Power of Attorney'

Sample form of Power of Attorney for signing the Application & Bid

(On INR 100.00 Non judicial Stamp Paper and duly notarized)

KNOW ALL MEN BY THESE PRESENTS,

We _____ (*name of the firm and address of the registered office*) do hereby irrevocably constitute, nominate, appoint and authorize Mr./ Ms.(*name*), _____ son/daughter/wife of and presently residing at _____, who is presently employed with us and holding the position of _____, as our true and lawful attorney (hereinafter referred to as the "Attorney") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our application for qualification and submission of our bid for the Project proposed by the _____ (the "JSCL") including but not limited to signing and submission of all applications, bids and other documents and writings, participate in pre-applications and other conferences and providing information/ responses to the JSCL, representing us in all matters before the JSCL, signing and execution of all contracts including the Agreement and undertakings consequent to acceptance of our bid, and generally dealing with the JSCL in all matters in connection with or relating to or arising out of our bid for the said Project and/ or upon award thereof to us and/ or till the entering into of the Agreement with the JSCL.

AND we hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE, _____, THE ABOVE NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS DAY OF _____.

For _____
(Signature, name, designation and address)

Witnesses:

1. (Notarized)
- 2.

Accepted
(Signature, Name, Title and Address of the Attorney)

Notes:

1. The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.
2. Wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a board or shareholders' resolution/ power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.
3. In case the Application is signed by an authorized Director / Partner or Proprietor of the Bidder, a certified copy of the appropriate board resolution / document conveying such APSFL may be enclosed in lieu of the Power of Attorney.

Annexure 3 -EMD Format

(To be executed in Rs.100/- Stamp Paper)

To,

The Executive Director,
Jabalpur Smart City Limited,
Manas Bhavan,
Wright Town,
Jabalpur, Madhya Pradesh,
India

Bank Guarantee No:
Amount of Guarantee:
Guarantee covers from:
Last date for lodgment of claim:

This Deed of Guarantee executed by _____ (Banker's Name & Address) having our Head Office at _____ (address) (hereinafter referred to as "the Bank") in favour of 'Jabalpur Smart City Limited', India payable at Jabalpur (hereinafter referred to as "the Beneficiary") for an amount not exceeding Rs. _____ / (Rupees _____ Only) as per the request of M/s. _____ having its office address at _____ (hereinafter referred to as "Supplier") against Letter of Acceptance reference _____ dated ____/____/____ of Jabalpur Smart City Limited.
This guarantee is issued subject to the condition that the liability of the Bank under this guarantee is limited to a maximum Rs. _____ /- (Rupees _____ Only) and the guarantee shall remain in full force up to ____ months from the date of Bank Guarantee and cannot be invoked otherwise by a written demand or claim by the beneficiary under the Guarantee served on the Bank before ____ months from the date of Bank Guarantee.

ANDWHEREAS it has been stipulated by you in the said ORDER that the Supplier shall furnish you with a Bank Guarantee by a Scheduled/Nationalized Bank for the sum specified therein as security for compliance with the Contractor's performance obligations for a period in accordance with the contract.

ANDWHEREAS we have agreed to give the Supplier a Guarantee.

THEREFORE, we (Bankers address) , hereby affirm that we are Guarantors and responsible to you on behalf of the Supplier up to a total of Rs. _____ /- (Rupees _____ Only) and we undertake to pay you, upon your first written demand declaring the Supplier to be in

default under the contract and without any demur, cavil or argument, any sum or sums within the limit of Rs. _____/-
(Rupees _____ Only) as aforesaid, without your needing to prove or show grounds or reasons for your demand or the sum
specified therein. We will pay the guaranteed amount notwithstanding any objection or dispute whatsoever raised by the Supplier.

This Guarantee is valid until _____ months from the date of Bank Guarantee.

Notwithstanding, anything contained herein our liability under this guarantee shall not be exceed Rs. _____/-
(Rupees _____ Only).

This bank guarantee shall be valid up to ____ months from the date of Bank Guarantee and we are liable to pay the guaranteed amount or any part
thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before _____

In witness whereof the Bank, through its authorized Officer, has set its, hand and stamp on this _____ at _____.

Witness: (Signature)

(Name in Block Letters)

Annexure 4: Instructions for Pre-Qualification Bid

1.1 Pre-Qualification Cover Letter

Date: / / YYYY

To

The Executive Director,
Jabalpur Smart City Limited,
Manas Bhavan, Wright Town,
Jabalpur, Madhya Pradesh,
India

Sub: Selection of Agency/SI/MSI for Implementation and Management of Smart Schools in City of Jabalpur (5 Municipal Schools/20 Classrooms on Pilot)

Ref: JSCL/School Education /, Dated

Dear Sir,

Having examined the bid, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to provide the professional services as required and outlined in the bid for the “Selection of Agency/SI/MSI for Implementation and Management of Smart Schools in City of Jabalpur (5 Municipal Schools/20 Classrooms on Pilot)”. We attach hereto our responses to pre-qualification requirements and technical and commercial bids as required by the bid. We confirm that the information contained in these responses or any part thereof, including the exhibits, and other documents and instruments delivered or to be delivered to Jabalpur Smart City Limited, are true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead the JSCL in its short-listing process.

We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading the selection process, we are liable to be dismissed from the selection process or termination of the contract during the project, if selected to do so.

We agree for unconditional acceptance of all the terms and conditions set out in the bid document and also agree to abide by this bid response for the bid validity period as mentioned in the RFP. We hereby declare that in case the contract is awarded to us, we shall submit the contract performance guarantee bond in the form prescribed in the bid. We agree that you are not bound to accept any bid response you may receive. We also agree that you reserve the right in absolute sense to reject all or any of the products/ services specified in the bid response.

It is hereby confirmed that I/We are entitled to act on behalf of our company/ corporation/ firm/ organization and empowered to sign this document as well as such other documents, which may be required in this connection.

Signature of Authorized Signatory (with official seal)

Name :
Designation :
Address :
Telephone and Fax :
E-mail address :

Annexure 5. Financial Information

Annual turnover of the bidder

(To be submitted by Bidder / All members of the consortium)

Annual Turnover of the Bidder

| Criteria | Sub Criteria | FY | Total Financials (in case of Sole Bidder) | Financial details of Bidder in case of Consortium. Mention financial details for each member as applicable | | |
|----------------------|--|------------|---|--|----------|--|
| | | | | Lead member/ member 1 | member 2 | Total of financials (considering all members of the consortium) |
| Financial Capability | Overall turnover (in INR crores)# | FY 2014-15 | | | | |
| | | FY 2015-16 | | | | |
| | Turnover exclusively from business activities related to ICT / ITES/ Networking services | FY 2014-15 | | | | |
| | | FY 2015-16 | | | | |

Documentary Proof Required:

- Statutory Auditor Certificate clearly specifying the turnover for the specified years.

Annexure 6 – Pre-Qualification Criteria Checklist

| Documents to be submitted | | Fill (YES or NO) | Page No. |
|------------------------------------|--|---------------------|----------|
| DD against Bid Document Fee | | | |
| DD / BG against EMD amount | | | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |

Format to share Bidder's Particulars

| Sr. No | Description | Details (to be filled by the responder to the Bid) |
|--------|--|--|
| 1. | Name of the company | |
| 2. | Official address | |
| 3. | Phone No. And Fax No. | |
| 4. | Corporate Headquarters Address | |
| 5. | Phone No. And Fax No. | |
| 6. | Web Site Address | |
| 7. | Details of Company's Registration (Please enclose copy of the company registration document) | |
| 8. | Name of Registration Authority | |
| 9. | Registration Number and Year of Registration | |
| 10. | ISO/CMMi certifications and its validity | |
| 11. | CST/LST/VAT registration No. | |
| 12. | Service Tax Registration No. | |
| 13. | Permanent Account Number (PAN) | |
| 14. | Company's Revenue for last 3 audited years (Year wise) | |
| 15. | Company's net worth for the last audited year | |

Please submit the relevant proofs for all the details mentioned above along with your bid response.

Contact Details of officials for future correspondence regarding the bid process:

| Details | Authorized Signatory | Secondary Contact |
|---------|----------------------|-------------------|
| Name | | |

| | | |
|-----------------|--|--|
| Title | | |
| Company Address | | |
| Phone | | |
| Mobile | | |
| Fax | | |
| E-mail | | |

Annexure 7 Format for Undertaking on Non-Black-listing Cum Indemnity Bond

(On Stamp Paper of Rs 200)

(To be submitted on the Letterhead of the responding firm)

Date: dd/mm/yyyy

We, (1) Mr. _____ (2) Mr. _____ and (3) Mr. _____ aged (1) _____ yrs. (2) _____ yrs. And (3) _____ yrs. Respectively; proprietor/partners/power of Attorney holder of the Firm _____ having its office at _____ hereby gives undertaking-cum-indemnity bond as under:

AND, WHEREAS we are registered contractor/s with the Jabalpur Smart City Limited and/or (Name of the authority), having registration number _____ valid up to _____.

AND, WHEREAS the Jabalpur Smart City Limited had published the tender notice for the work _____ in _____ wards.

AND, WHEREAS I/We want to participate in the said tender procedure. I/ We hereby given an undertaking-cum-indemnity bond as herein after appearing:-

I/we hereby agree and undertake that my/our firm is not under any penal action such as Demotion, Suspension, Black-listing, De-registration etc. by any Government, Semi-Gov. And Govt. undertaking etc.

I/we hereby further undertake to communicate if my /our form comes under any penal action such as Demotion, Suspension, Black-listing, De-registration etc. by any Government, Semi-Gov. And Govt. undertaking etc.

I/we hereby further agree and undertake that, at any stage of tendering, if the said information is found incorrect, it should be Lawful for the JSCL To forthwith debar me/us from the tendering procedure and initiate appropriate penal action.

The undertaking-cum-indemnity bond is binding upon us/our heirs, executors, administrators, and assigns and/or successors and assigns.

Place:- Proprietor/Partners/Directors/POA holder

(Seal of Firm/Co.)

Date :- Identified by me Before ME

Annexure 8: Performance Bank Guarantee Format

(For a sum of 10% of the value of the contract)

Ref. No. :

Date :

Bank Guarantee No. :

To

<Insert complete postal address>

THIS INDENTURE made this ----- day of -----20---- BETWEEN THE -----BANK incorporated under the English / Indian Companies Acts and carrying on business in Jabalpur (hereinafter referred to as 'the bank' which expression shall be deemed to include its successors and assigns) of the first part -----

inhabitants carrying on business at -----

in Jabalpur under the style and name of M/s -----

(hereinafter referred to as 'the contractors') of the second part Shri-----

THE EXECUTIVE DIRECTOR FOR JABAPUR (hereinafter referred to as 'the Commissioner' which expression shall be deemed, also to include his successor or successors for the time being in the said office of Municipal Commissioner) of the third part and THE JABALPUR SMART CITY LIMITED (hereinafter referred to as 'JSCL') of the fourth part WHEREAS the contractors indemnify and keep indemnified the Corporation against any loss or damage that may be caused to or suffered by the Corporation by reason of any breach by the contractors of any of the terms and conditions of the contract that will be entered subsequently (within 15 days) and/or in the performance thereof against Letter of Intent number ----- dated ----- for the project "Supply, installation, testing & commissioning of new smart schools in JSCL and comprehensive up gradation of existing vtcs & studios with operation

& maintenance of the Project for three years.” of Education department having tender No. <<>> tender amount Rs.----- and the terms of such tender / contract require that the contractors shall deposit with the Executive Director as earnest money and/ or the security a sum of Rs.----- (Rupees-----) AND WHEREAS if and when any such tender is accepted by the Executive Director, the contract to be entered into in furtherance thereof by the contractors will provide that such deposit shall remain with and will be appropriated by the Executive Director towards the Security Deposit to be taken under the contract and be redeemable by the contractors, if they shall duly and faithfully carry out the terms and provisions of such contract and shall duly satisfy all claims properly chargeable against them thereunder AND WHEREAS the contractors are constituents of the Bank and in order to facilitate the keeping of the accounts of the contractors, the Bank with the consent and concurrence of the contractors has requested the Executive Director to accept the undertaking of the Bank hereinafter contained, in place of the contractors depositing with the Executive Director the said sum as earnest money and/or the security as aforesaid AND WHEREAS accordingly the Executive Director has agreed to accept such undertaking. NOW THIS AGREEMENT WITNESSES that in consideration of the premises, the Bank at the request of the contractors (hereby testified) UNDERTAKES WITH the Executive Director to pay to the Executive Director upon demand in writing, whenever required by him, from time to time, so to do, a sum not exceeding in the whole Rs.----- (Rupees-----) under the terms of the said tender and/or the contract. The B.G. is valid upto-----

We agree that the decision of the JSCL, whether any breach of any of the terms and conditions of the contract and/or in the performance thereof has been committed by the Bidder and the amount of loss or damage that has been caused or suffered by the JSCL shall be final and binding on us and the amount of the said loss or damage shall be paid by us forthwith on demand and without demur to the Corporation.

“Notwithstanding anything what has been state above, our liability under the above guarantee is restricted to Rs. ----- only and guarantee shall remain in force upto -----unless the demand or claim under this guarantee is made on us in writing on or before-----all your right under the above guarantee shall be forfeited and we shall be released from all liabilities under the guarantee thereafter”.

IN WITNESS WHEREOF

WITNESS (1) -----

Name and -----

Address -----

WITNESS (2) -----

Name and ----- the duly constituted Attorney Manager

Address -----

the Bank and the said M/s-----
(Name of the bank)

WITNESS (1) -----

Name and -----

Address -----

WITNESS (2) ----- for Messrs -----

Name and ----- (Name of the contractor)

Address -----

Have here into set their respective hands the day and year first above written.

Annexure 9: Instructions and Technical Bid Document Formats

1.2 General Instructions for the Technical Bid

Bidders have to submit a very structured and organized technical bid, which will be analysed by the Technical Evaluation Committee for different compliances with regards to the requirements of the project. Bidder is expected to divide its Bid in following sections / documents:

A) Bidder's Competence to execute the project

This document should bring about the capability of the firm to execute this project. Some of the required documents are as follows:

- Financial Capability of the Bidder in required formats and supporting documents
- Experience of Bidder of implementing similar/same applications or in supply of similar/same hardware components
- Experience of Bidder in India in required formats and supporting documents
- Quality of IT and domain experts available with the firm

B) Proposed Team for the Project

As specified in the Technical Bid Evaluation Framework, the department would like to give importance to the right people proposed for the project. Bidder may propose different people for different skill-sets required and different responsibilities (during Project Implementation and Post-Implementation). Following documentation is expected in this section:

- Overall Project Team (for both Project Implementation and Support phases)
- Escalation Chart for the entire Project Duration
- Summary Table giving Qualification, Experiences, Certifications, Relevance
- Detailed CVs in the format attached

C) Technical Solution Proposed for the Project

Broad areas to be covered in the Technical Solution documentation are given below:

1. Describe the proposed Technical Solution in a structured manner. Following should be captured in the same:
 - a. Clear articulation and description of the design and technical solution and various components including details of the application software proposed
 - b. Reasoning for selection of the proposed technology over other options.

- c. Extent of compliance to technical requirements specified in the scope of work
 - d. Strength of the Bidder to provide services including examples or case-studies of similar solutions deployed and work undertaken for other clients
2. Clearly articulate the Strategy and Approach and Methodology for Installation, Configuration and Implementation of hosted components, hosting infrastructure of the project.
 3. Approach and Methodology for Management of SLA Requirements specified in the bid. Bidder is required to clearly articulate how the SLA requirements would be adhered to.
 4. Detailed Project Plan with timelines, resource allocation, milestones etc. for supply, installation and commissioning of the various project components.

NOTE: Please note that the bid shall get disqualified if Bidder gives price details in the technical document.

1.3 Format to share similar project experience Details

| Name of the Project | |
|--|--|
| General Information | |
| Client for which the project was executed | |
| Name of the client contact person(s) | |
| Designation of client contact person(s) | |
| Contact details of the client contact person(s) | |
| s | |
| Project Details | |
| Description of the project | |
| Scope of work of the Bidder | |
| Deliverables of the Bidder | |
| Technologies used | |
| Current Status of the project | |
| Other Details | |
| Total cost of the project | |
| Total cost of the services provided by the Bidder | |
| Duration of the project (number of months, start date, completion date, current status) | |
| Other Relevant Information | |
| Mandatory Supporting Documents: | |
| <ul style="list-style-type: none"> Work order / Purchase order / Contract for the project | |

- Client Certificate giving present status of the project and view of the quality of services by the Bidder

Note: The Bidder is required to use above format for all the projects referenced by the Bidder for the pre-qualification criteria and technical bid evaluation.

1.4 Details of Manpower ResourcesProposed

| # | Name of the Resource | Proposed Role | Highest Qualification | Total Experience (in years) | Total Relevant Experience for the proposed position (in years) |
|---|----------------------|---------------|-----------------------|-----------------------------|--|
| | | | | | |
| | | | | | |
| | | | | | |

CV of the Key Manpower proposed to be submitted in the following format:

| | | |
|---|--|--|
| 1 | Name of the Staff | |
| 2 | Current Designation in the Organisation | |
| 3 | Proposed Role in the Project | |
| 4 | Proposed Responsibilities in the Project | |
| 5 | Date of Birth | |
| 6 | Education | <ul style="list-style-type: none"> ▪ Degree / Diploma, College, University, Year of Passing ▪ Degree / Diploma, College, University, Year of Passing |

| 7 | Summary of Key Training and Certifications | <ul style="list-style-type: none"> ▪ ▪ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--|---|----------|--|--|-------------------------------------|---------|---------|----------|-----------|--|--|--|----------------|--|--|--|-------------------------------------|--|--|--|-----------|--|--|--|----------------|--|--|--|-------------------------------------|--|--|--|-----------|--|--|--|----------------|--|--|--|
| 8 | Language Proficiency | <table border="1"> <thead> <tr> <th>Language</th> <th>Reading</th> <th>Writing</th> <th>Speaking</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </tbody> </table> | | | | Language | Reading | Writing | Speaking | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Language | Reading | Writing | Speaking | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Employment Record (For the total relevant experience) | <table border="1"> <tbody> <tr> <td>From Month & Year/ To Month & Year:</td> <td colspan="3"></td> </tr> <tr> <td>Employer:</td> <td colspan="3"></td> </tr> <tr> <td>Position Held:</td> <td colspan="3"></td> </tr> <tr> <td>From Month & Year/ To Month & Year:</td> <td colspan="3"></td> </tr> <tr> <td>Employer:</td> <td colspan="3"></td> </tr> <tr> <td>Position Held:</td> <td colspan="3"></td> </tr> <tr> <td>From Month & Year/ To Month & Year:</td> <td colspan="3"></td> </tr> <tr> <td>Employer:</td> <td colspan="3"></td> </tr> <tr> <td>Position Held:</td> <td colspan="3"></td> </tr> </tbody> </table> | | | | From Month & Year/ To Month & Year: | | | | Employer: | | | | Position Held: | | | | From Month & Year/ To Month & Year: | | | | Employer: | | | | Position Held: | | | | From Month & Year/ To Month & Year: | | | | Employer: | | | | Position Held: | | | |
| From Month & Year/ To Month & Year: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Employer: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Position Held: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From Month & Year/ To Month & Year: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Employer: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Position Held: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From Month & Year/ To Month & Year: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Employer: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Position Held: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Total No. Of | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|----|--|-------------------------------------|--|
| | Years of Work Experience | | |
| 11 | Total No. Of Years of Experience for the Role proposed | | |
| 12 | Highlights of relevant assignments handled and significant accomplishments (Use following format for each project) | Name of assignment or project: | |
| | | From Month & Year/ To Month & Year: | |
| | | Location: | |
| | | Client: | |
| | | Main project features: | |
| | | Positions held: | |
| | | Activities performed: | |

Annexure 10 - Statement of Technical Deviation from Requirement Specification

To,

[Date]

Executive Director,
Jabalpur Smart City Limited,
Manas Bhavan,
Wright Town,
Jabalpur, Madhya Pradesh,
India

Sub: Selection of Agency/SI/MSI for Implementation and Management of Smart Schools in City of Jabalpur (5 Municipal Schools/20 Classrooms on Pilot)

Ref: JSCL/School Education/....., Dated

Sir,

There are no technical deviations (null deviations) from the requirement specifications of RFP items and schedule of requirements. The entire work shall be performed as per your specifications and documents.

OR (Strike out whatever is not applicable)

Following is the exhaustive list of technical deviations and variations from the requirement specifications of RFP items and schedule of requirements. Except for these deviations and variations, the entire work shall be performed as per your specifications and documents.

| Sr. No. | Section No. | Req No. | RFP Page | Statement of deviations and |
|----------------|--------------------|----------------|-----------------|------------------------------------|
| | | | | |

| | | | | |
|--|--|--|--|-------------------|
| | | | | variations |
| | | | | |
| | | | | |

Yours faithfully,

(Signature, name and designation of the authorized signatory)

(Name and seal of the firm)

Annexure 11- Format for number of Smart School Designed, Implemented and managed by the Bidder

Please provide citations as per the Qualification / Technical criteria in the format provided below. The relevant documentary proofs need to be attached.

A) Format for no. of smart school management system with learning management system

| Sr. No. | Scope of Smart school project | No of Smart Schools Implemented & Designed | Client Name(s) | Startdate & Enddate | Project Cost(s) | Supporting Document(s) | Certifications from client(s) (Completion/ Appreciation etc.) |
|----------------|--------------------------------------|---|-----------------------|--------------------------------|------------------------|-------------------------------|--|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |

B) Format for no. of digital classrooms project operated and managed

| Sr. No. | Scope of Smart school project | No of Smart Schools Implemented & Designed | Client Name(s) | Startdate & Enddate | Project Cost(s) | Supporting Document(s) | Certifications from client(s) (Completion/ Appreciation etc.) |
|----------------|--------------------------------------|---|-----------------------|--------------------------------|------------------------|-------------------------------|--|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |

C) Format for no. of library management system project operated and managed

| Sr. No. | Scope of Smart school project | No of Smart Schools Implemented & Designed | Client Name(s) | Startdate & Enddate | Project Cost(s) | Supporting Document(s) | Certifications from client(s) (Completion/ Appreciation etc.) |
|---------|-------------------------------|--|----------------|---------------------|-----------------|------------------------|---|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |

Annexure 12 - Format for no. of projects of systems integration related to IT/Network Infrastructure in India

Please provide citations as per the Qualification / Technical criteria in the format provided below. Therelevant documentary proofs need to be attached.

| Sr. No | Project Name(s), Location and brief details about Project Scope | Client Name(s) | Start-date & Enddate | Project Cost(s) | Supporting Document(s) | Certifications from client(s) (Completion/appreciation etc.) |
|--------|---|----------------|----------------------|-----------------|------------------------|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |

Annexure 13 – Technical Criteria

1.5 Checklist for Technical Evaluation

| # | Parameter | Criteria | Documents Required | Marks | Page. No |
|---|--|---|--|-------|----------|
| 2 | The Applicant shall have successfully completed at least three relevant project in the last 10 years | 3 projects in last 5 years – 15 Marks 5 marks each for additional projects in last 10 years (Other than the three mandatory Project) Max Marks: 30 | The technical capacity completion certificate clearly indicating the Requirements sought under this RFP. | | |

| | | | | | |
|---|---|--|--|--|--|
| 3 | Experience in implementation of Smart School/Smart Education System/Digital Classroom with Learning Management System/ IT networking amongst classrooms and schools | <p>For Completed Project on School Management System with Learning Management System - 5 marks.</p> <p>For Completed Digital Classroom Project –2.5 marks.</p> <p>For Completed Project on Library Management System–1 marks.</p> <p>Max Marks: 15</p> | The technical capacity for completion certificate clearly indicating the Requirements sought under this RFP. | | |
| 4 | Our Understanding, Approach & Methodology & Work Plan | <p>Meeting the TOR for a pre-feasibility and analysis of existing situation- 5 marks</p> <p>Work Plan details – 10 marks</p> <p>Max Marks: 15</p> | ----- | | |
| 5 | Experience of Key Personnel | <p>Meeting the Minimum Eligibility Criteria</p> <p>Max Marks: 15</p> | ----- | | |
| 6 | Presentation in respect of understanding of services, credentials and strategy to handle all the tasks as stated in the ToR | <p>Meeting ToR</p> <p>Max Marks: 25</p> | ----- | | |
| | Total | Max Marks 100 | ----- | | |

1.6 Technical Solution Proposed for the Project

Broad areas to be covered in the Technical Solution documentation are given below:

1. Describe the proposed Technical Solution in a structured manner. Following points should be captured in the same:
 - a. Clear articulation and description of the design and technical solution and various components including make of equipment or sizing of infrastructure (including diagrams and calculations wherever applicable)
 - i. Reasoning for selection of the proposed technology over other options.
 - ii. Extent of compliance to technical requirements specified in the scope of work
 - iii. Technical Design and clear articulation of benefits to Department of School Education from various components of the solution vis-à-vis other options available.
 - iv. Strength of the Bidder to provide services including examples or case-studies of similar solutions deployed for other clients
 - b. The overall technical solution should be structured in following sub-sections, which are being evaluated by Technical Committee for technical scores:
 - i. Central Studio
 - ii. Smart School
 - iii. Other IT & non IT Infrastructure
2. Provide detailed approach and methodology for Pre-Implementation, Implementation & Post-Implementation periods.
3. Clearly articulate the Strategy and Approach & Methodology for installation, Configuration & Operationalization of all the key components of the project
4. Detailed Project Plan with timelines, resource allocation, milestones etc. in for supply, installation and commissioning of the physical and IT components for the Smart Classroom Projects

Annexure 14 - Format for Technical Specifications Compliance

Product Name:

Make & Model:

| Sr.No. | Components | Make | Model | Compliance (Yes / No/ Higher / Lower) | Deviations (If any) (Positive/Negative) |
|--------|------------|------|-------|--|--|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

Note:

Refer to section X of this RFP for the Indicative Components.

Annexure 15: Format for Authorization Letters from OEMs /Manufacturer

Date: dd/mm/yyyy

To

<Insert complete postal address>

Sub : Authorisation Letter to M/s. ----- for the participation in the bid for “Selection of Agency/SI/MSI for Implementation and Management of Smart Schools in City of Jabalpur (5 Municipal Schools/20 Classrooms on Pilot).”

Ref : Bid No: <No> Dated <DD/MM/YYYY>

Sir,

We _____, (name and address of the manufacturer) who are established and reputed manufacturers of _____ having factories at _____ (addresses of manufacturing / development locations) do hereby authorize M/s _____ (name and address of the Bidder) to bid, negotiate and conclude the contract with you against the above mentioned bid for the above equipment / software manufactured / developed by us.

We herewith certify that the above mentioned equipments/devices / software products are not end of the life and we hereby undertake to support these equipment /devices / software for the duration of minimum 5 years from the date of submission of the bid.

Yours faithfully,

For and on behalf of M/s _____ (Name of the manufacturer)

Signature :

Name :

Designation :

Address :



Date :

Note: This letter of authority should be on the letterhead of the concerned manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer.

Annexure 16: SUMMARY OF ROLES & RESPONSIBILITIES

The roles of the stakeholders shall change over a period of time as the project will evolve from design to implementation and enter the operations phase. With this background, stakeholders' responsibilities, illustrative organizational structure for the design & implementation phase, operational phase is given below:

Below mentioned Table summarizes the roles and responsibilities of stakeholders involved in the project.

IA Implementation Agency (JSCL)

UD User departments

PMA Project Management Agency

SSIA Smart School Implementation Agency

JSCL Jabalpur Smart City Limited

Summary of Roles and Responsibilities of stakeholders

| # | Activity | IA | UD | SSIA | PMA |
|---|--|----|----|------|-----|
| | Implementation Phase | | | | |
| 1 | Provision of Centre Studio Building Space | Y | Y | | |
| 3 | Provision of Smart Classroom and IT Lab building space | | Y | | |
| 4 | Feasibility Survey of Field Office (Classroom, Central Studio) | | | Y | |

| | | | | | |
|---|--|---|---|--|--|
| 5 | Review & approval for Site Commissioning | Y | | | |
| 6 | Taking necessary actions based on the site evaluation and risk assessment | Y | | | |
| 7 | Preparation of Backup policy, Security policy, business continuity plan and other Policy documents | Y | | | |
| 8 | Provisioning of required Power facility and | Y | Y | | |

| # | Activity | IA | UD | SSIA | PMA |
|----|--|----|----|------|-----|
| | Clean Power, Including Earthing for Smart classroom System. | | | | |
| 9 | Obtaining Regulatory & Other Clearances for setting up the Studio, Smart classroom. | Y | | Y | |
| 10 | Requirement analysis, sizing and capacity planning for Studio, Virtual classroom. | | | | Y |
| 11 | Identification of the list of components being planned for the Studio, Smartclassroom. | Y | | | Y |
| 12 | Finalizing the requirements with respect to physical and component needs and come out with functional requirement specifications | Y | | | Y |
| 13 | Contract signing (Appointment of SSIA) | Y | | Y | |
| 14 | Site preparation of Studio, Smart classroom Facilities | | | Y | |
| 15 | Connectivity to this solution leveraging JSCLs aerial Fiber network | Y | | | |
| 16 | Procurement and installation of Infrastructure for Studio, Smart classroom and related documentation | | | Y | |
| 17 | Project Documentation including communication plan, training plan, acceptance test plan etc. for each location of Studio, Smartclassroom | Y | | | Y |
| 18 | Prepare periodic reports and status update to JSCL and UD on implementation progress, and Monitoring of implementation & SLA with VCIA. | | | Y | Y |
| 19 | PAT & FAT | Y | | Y | Y |

| # | Activity | IA | UD | SSIA | PMA |
|----|---|----|----|------|-----|
| 20 | Providing the required connectivity for connecting the following; <ul style="list-style-type: none"> Centre Studio to Smart Classrooms | Y | | | |
| 21 | Providing Computing and Storage for VCRS at JSCL Cloud | Y | | | |
| 22 | Operations & Management of the Studio and Virtual classroom infrastructure as per SLA | | | Y | |
| 23 | Recurring expenditure like electricity, UPS batteries, connectors, consumables etc. during build up and during Implementation | | | Y | |
| 24 | Recurring expenditure like electricity, post commissioning i.e. during connectors, consumables etc Operations and Management | Y | | | |
| 25 | Smart classroom, and Centre Studio buildup | | | Y | |
| 26 | Software License procurement for UD | | | Y | |
| 27 | Scalability in terms of availability of, virtual classroom physical space, racks and supporting infrastructure | Y | | Y | |
| 28 | 24x7 monitoring of the Successful Bidder infrastructure | | | Y | |
| 29 | 24x7 availability of help desk | | | Y | |
| 30 | SLA Audit | Y | | Y | Y |
| 31 | Internet Bandwidth | Y | | | |

| | | | | | |
|----|--|---|---|--|--|
| 32 | Maintenance of Fiber network interface to interconnect JSCL Cloud & FiberNet , Central Studio, District Studio and Smart Classroom | Y | | | |
| 33 | Bilingual subject matter content | | Y | | |
| 34 | Subject matter expert at Central and School level | | Y | | |

Notes:

- Based on the above, typical responsibility matrix will need to be finalized at the State depending upon the functions as mutually agreed. Third party security audit and third party SLA audit would be the responsibility of Jabalpur Smart City Limited (JSCL) or agency authorised by JSCL
- Raw Power would be provided by the JSCL.
- The Project Management Agency may be interacting through the officials nominated by JSCL/ Authority for any activities relating to the Monitoring, Inspection & Periodic Audit for the facilities being maintained by the Successful Bidder (IA). Successful Bidder (IA) shall provide necessary access to the Infrastructure, Monitoring tools etc. deployed by the vendor to facilitate periodic audits.
- The Authority reserves the right to make appropriate modifications to the above mentioned responsibility matrix based on the project requirements/field conditions in the interest of the Project.

Annexure 17- List of Indicative Schools

| The list of location of schools where the virtual classroom systems are to be setup. This list is indicative only. The locations may vary based on the field requirements/need during the implementation period. | | | | |
|---|---|----------------|------------------------------|---------------------------------------|
| # | SCHOOL NAME | ADDRESS | Approx no of students | Facilities available as of now |
| 1 | Laxmi Narayan Hr Sec School (Boys School) | | | |
| 2 | NN kanya uchtar madhyamik shala (Girls) | | | |
| 3 | NN kanya uchtar madhyamik shala (GIrls) | | | |
| 4 | Dr Rajendra Prasad Hsec School (Co-Ed) | | | |
| 5 | NN H Sec School Tilwara Ghat (Co-Ed) | | | |

Annexure 18- Status of facilities at school

| Name of School | Number of Teachers/Staff | No. of Students | Library | No of Books in Library | Computer Lab | No of Computers in School | No of CCTV Cameras | Wi-Fi Routers | Internet Connection in School | Generator in School | Inverter in Classroom | Inverter in Computer Lab | Inverter in Library | Safe Drinking Water Facility in School (RO/Aqua in working condition) |
|---|--------------------------|-----------------|---------|------------------------|--------------|---------------------------|--------------------|---------------|-------------------------------|---------------------|-----------------------|--------------------------|---------------------|---|
| Laxmi Narayan Hr Sec School Ranjhi | 23 | 425 | yes | 200 | yes | 1 | 4 | yes | yes | no | no | no | no | yes |
| NN Kanya Uchta Madhyamik Shala, Ghamapur | 15 | 350 | no | 0 | yes | 1 | 0 | yes | yes | no | no | no | no | yes |
| NN Kanya Uchta Madhyamik Shala, Govind ganj | 21 | 355 | yes | 200 | yes | 1 | 0 | yes | yes | no | no | no | no | yes |
| Dr Rajendra Prasad Hr Sec School Gwari Ghat | 17 | 250 | no | 0 | yes | 1 | 0 | no | no | no | no | no | no | yes |
| NN Hr Sec Coed School Tilwara Ghat | 12 | 250 | no | 0 | yes | 1 | 4 | no | no | no | no | no | no | yes |

