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PUNE
SMART CITY
DEVELOPMENT
CORPORATION LTD.

Expression of Interest

For

**Selection of System Integrator for Digital
Education Software (DES) Solutions for all Pune
Municipal Corporation (PMC) schools over Pune
city**

For

**Pune Smart City Development Corporation
Limited**

EOI Reference: PSCDCL/School/DES/26/2018

Dated: 14th September 2018

Issued By

The Chief Executive Officer

Pune Smart City Development Corporation Limited ("PSCDCL")
PMC Building, Near Mangla Theatre, Shivaji Nagar, Pune - 411 005

Contents

Notice Inviting Expression of Interest	5
1. Disclaimer	6
2. Introduction and Background	8
2.1 About Pune.....	8
2.2 About Pune Smart City Development Corporation Limited	9
2.3 About Pune Municipal Corporation (PMC).....	10
2.4 About Education Software solution system Project.....	11
2.5 Objectives of Education Software Solution Project.....	12
2.6 Description of EOI Process.....	13
3. General Information.....	14
3.1 Eligible Applicants.....	14
4. Information to be provided in the EOI.....	15
5. Instructions to Applicants	17
5.1 Concept Note:	Error! Bookmark not defined.
5.2 Availing Bid Documents	17
5.3 Completeness of the EOI Response	17
5.4 EOI Preparation Cost	17
5.5 Sealing, marking and submission of EOI.....	17
5.6 Late Proposal for EoI.....	19
5.7 Language of Bids	19
5.8 Evaluation of EoI	19
5.9 Key Suggestions.....	19
5.10 Right to extend the validity of EoI Document	20
5.11 No obligation to issue of RFP	20
5.12 Right to cancel the EOI Process.....	20
6. Scope of Work.....	21
6.1 Indicative Scope of Work for System Integrator for VTS solution:	21
6.2 Operations & Maintenance for 3 years:	21
6.3 Functional Overview:.....	Error! Bookmark not defined.
6.4 Solution Specifications.....	23
6.5 Proof of Concept (POC).....	26
6.5.1. Obligations of PMC and PSCDCL during the POC period	26
6.5.2. Obligations of selected agency during the POC.....	26
6.6 Proposed Timelines	Error! Bookmark not defined.
7. Specific format for the Applicants to fill in the details	27
7.1 Format A_1: Cover Letter	27

7.2 Format A_2: Details of Applicant29

7.3 Format A_5: Concept Note32

7.4 Format A_6: Declaration – No Blacklisting.....35

7.5 Format A_7: Power of Attorney for Signing the EOI:37

Glossary

PMC	Pune Municipal Corporation
EoI	Expression of Interest
GPS	Global Positioning System
GoI	Government of India
GoM	Government of Maharashtra
IT	Information Technology
O&M	Operation & Maintenance
PQ	Pre-Qualification
PSCDCL	Pune Smart City Development Limited
QoS	Quality of Service
SCOC	Smart City Operation Center
COTS	Commercial off-the-shelf
RFP	Request for Proposal
SI	System Integrator

Notice Inviting Expression of Interest for

“Selection of System Integrator for Digital Education Software (DES) Solutions for all Pune Municipal Corporation (PMC) schools over Pune city”

[PSCDCL/School/DES/26/2018 dated Sept 14, 2018]

This EOI Document is being published by the Pune Smart City Development Corporation Limited (PSCDCL) for the project of “Education Software Solutions” which is an initiative to improve the learning experience platform in PMC schools (“**Project**”). PSCDCL is proposing to select a private sector partner for procurement, supply and implementation of the Digital Education Software Solution System.

The purpose of this EOI Document is to provide interested parties with the relevant information regarding the project and understand the scope of the Project and invite feedback from interested private sector Applicants. The Applicants are advised to study this EOI Document carefully before submitting their feedback & suggestions in response to the EOI Notice. The feedback & suggestions received as part of the response from the industry participants to this EOI Document may or may not be used towards formalizing the RFP for the Project which is proposed to be released in the near future. This EOI document is not transferable. No pre-qualification of Applicants is proposed to be done as part of this EOI.

Last date (deadline) for EOI response	Feedback & suggestions in response to the EOI, should be submitted through: a. Email to: cko@punesmartcity.in Latest by 05/10/2018 up to 14:30 hrs. b. Hard copy of the responses (duly signed) through Speed Post or Courier or in person. Latest by 05/10/2018 up to 14:30 hrs. at the following address: CEO Pune Smart City Development Corporation Ltd.; A-204, ICC Trade Towers Senapati Bapat road, Shivajinagar Pune – 411016
Website to download EoI	https://pmc.gov.in, punesmartcity.in

The right to accept/reject any or all the responses received is reserved with PSCDCL without assigning any reason thereof.

Pune Smart City Development Corporation Limited

1.Disclaimer

This Expression of Interest (EoI) contains brief information about the Project and will assist PSCDCL to formulate the RFP for the process of selecting the Applicants during the RFP stage. This EoI is not an agreement or an offer by the purchaser/authority to the Applicants or any other person.

The purpose of the document is to provide the Applicants with information to assist the formulation of their EoI application or response to EoI Document (“the Application”).

The information provided in this EoI Document, to the Applicants is on a wide range of matters, some of which depends upon interpretation of law. The Applicants may conduct their own independent assessment, site visit, investigations and analysis and check the reliability, accuracy and completeness of the information at their end and obtain independent advice from relevant sources as required before submission of their EoI application.

Furthermore, the information provided in this EOI Document is not intended to be an exhaustive account of statutory or commercial requirements and should not be regarded as a complete or authoritative statement of law. PSCDCL along with its directors, associates, employees, affiliates, consultants make no representation or warranty and shall have no liability to any person including the Applicant under any law, statute or by any rule and/or regulation made thereunder, tort, equity, principles of restitution, unjust enrichment or otherwise for any loss, damage, costs or expenses which may arise from or be incurred or suffered on account of anything contained in this EOI Document or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the EOI Document any assessment, assumption, statement or information contained therein or deemed to form part of this EOI Document or arising in anyway in this subject.

Pune Smart City Development Corporation Limited (PSCDCL) or any of its employees or advisors / representatives shall incur no liability under any law, statute, rules or regulations as to the accuracy or completeness of the EoI Document. PSCDCL reserves the right to change any or all conditions/ information set in this EoI Document by way of revision, deletion, updating or annulment through issuance of appropriate addendum as the organisation may deem fit without assigning any reason thereof.

PSCDCL will not entertain or be liable for any claim for costs and expenses in relation to the preparation of the EoI applications to be submitted in terms of this EoI Document.

The information contained in this EOI Document or subsequently provided to the prospective Applicants, whether verbally or in documentary or any other form by or on behalf of PSCDCL or any of its employees or advisers, shall be considered confidential and is not to be reproduced/ adopted/ displayed for any purpose whatsoever.

This EOI Document is for informative purpose only and does not imply that PSCDCL is bound to select or short list pre-qualified applications for the RFP stage or to appoint the Applicant for the Project as the case maybe and PSCDCL further reserves its absolute right and discretion to terminate the process at any time without assigning any reasons or explanations thereof.

2. Introduction and Background

2.1 About Pune

Pune is the seventh-most populous city in India and the second largest in the state of Maharashtra. It was known as Punya Nagari in earlier times. It is situated 560 meters (1,837 feet) above sea level on the Deccan plateau, on the right bank of the Mutha River. Pune city is the administrative headquarters of Pune district and was once the center of power of the Maratha Empire.

Further, the city is also known for manufacturing and automobiles, as well as government and private sector research institutes for information technology (IT) education, management and training that attract migrants, students, and professionals from India, South East Asia, the Middle East, and Africa.

Pune is also one of the fastest growing cities in the Asia-Pacific region. Pune is considered as the cultural capital of Maharashtra and is also popularly known as 'Queen of the Deccan'. Pune is also known as 'Oxford of the East' and has one of the oldest universities and colleges in India such as, University of Pune, College of Engineering Pune and Fergusson College.

Pune is one of India's major industrial hubs. The city is known for its automobile and Information Technology (IT) industries. Other major manufacturing sectors in Pune are steel, equipment, biotechnology and pharmaceutical. Pune is one of the most populous districts in Maharashtra and ranks third in the state in terms of population.

2.2 About Pune Smart City Development Corporation Limited

The Pune Smart City proposal was selected for priority financing under Smart City Mission by Ministry of Urban Development (MoUD), Government of India. Thereafter, the Pune Municipal Corporation (PMC) has incorporated a Special Purpose Vehicle (SPV) company called PUNE Smart City Development Corporation Limited (PSCDCL), under the Companies Act 2013, solely for the purpose of implementing the Smart City proposal. PSCDCL will be fully owned by the Government with equal shareholding from the Government of Maharashtra and the Pune Municipal Corporation (PMC). In accordance with Government Resolution No. smartci-pune-2016/PR94/UD-23 dated 14th March 2016, passed by the Government of Maharashtra, CEO, PSCDCL has been delegated powers and is authorized to issue this EoI Document

The Board of PSCDCL is chaired by the Chairman, PSCDCL and has 15 members including selected representatives of PMC, representatives of the State Government, Central Government as well as independent directors.

2.3 About Pune Municipal Corporation (PMC)

The Pune Municipal Corporation (PMC) was established on 15 February 1950. The PMC is in charge of the civic needs and infrastructure of the metropolis. Pune is divided into 15 municipal wards and about 76 electoral wards/prabhags.

Since 1950, the Pune Municipal Corporation is administrating the city and serving citizens. Pune Municipal Corporation has taken an initiative for implementing e-Governance. Success of e-governance depends on use of Information Technology in mobilization of Government resources and utilization of these scarce resources with an aim of providing a better service.

Pune Municipal Corporation stood second in the Smart Cities Challenge launched by Ministry of Urban Development, Govt. of India. Under Smart City Initiative, PMC is committed for making governance citizen-friendly and cost effective by delivering services electronically to ensure accountability and transparency, especially using mobiles to reduce cost of services and providing services to its stakeholders without having to go to municipal offices; and by facilitating e-groups to listen to citizens and obtain feedback and use online monitoring of programs and activities with the aid of cyber tour of worksites.

2.4 About Education Software solution system Project

Under the Pune Smart City mission, it is proposed to upgrade the livability standards of Pune city's neighborhoods in a phased manner, starting with the local area development pilot. This would be a holistic transformation of neighborhoods across core infrastructure, social infrastructure (e.g. schools, healthcare), livability parameters (e.g. open spaces, pollution control, recreation options), sustainability and neighborhood through a suite of citizen and business interfacing solutions.

PMC is currently operating more than 306 schools in the city for delivering free and quality education to the about 1,00,000 (1 lakh) students from Lower KG to 10th standard. Out of these, certain number of schools are provided with IT hardware to run the A/V learning programmes. The proposed Digital Education Software (DES) solution is planned to cover all the Pune Municipal Corporation schools within the city in various wards of PMC (the number of schools are subject to increase in future).

PSCDCL has taken up the initiative of education and therein aspires to transform Pune city education standards. In order to achieve this, Pune needs to be distinctive on the dimension of quality of education by improving the quality of student performances. As part of this initiative, multiple applications are being implemented by the Education department.

PSCDCL is committed for setting up a platform to impart holistic education to students free of cost. PSCDCL proposes to leverage digital learning to increase focus on self-learning initiative as a key activity for our aspiring youths. The learning opportunities will help students improve skills thereby enhancing growth and development. Also, studying online will allow students more opportunities to reach and access the content from home. The basic concept behind adopting a Digital e-Learning Solution in schools is to establish a strong online presence by providing an industry best user experience to all the stakeholders like students, teachers, principals, administrators in a single platform.

With this system, PMC schools will have access to features such as A/V content for classrooms, governance, administrative parameters, integration systems, school management methodology, etc. and ways to improve on these parameters and quickly respond to citizens/stakeholder query on respective deliverables.

DES intends to adopt an indigenous platform for comprehensive learning delivery & progress monitoring and analysing. The proposed project should leverage the use of state-of-the-art technologies involved in the solution such as Smart attendance, implementation and integration with existing systems like Grievance systems, Smart City Operations Centre etc. to improve school performances and provide efficiency to the schools in learning process and student performance outcomes.

In this regard PSCDCL intends to engage System Integrator who can deploy the Digital Education software solution to the PMC schools and at Smart City Operation centre and should cover all PMC schools (Marathi, Hindi, English and Urdu medium) which are currently owned and operated by PMC Education departments to deliver free education services.

Additionally, PMC has already appointed Bharat Sanchar Nigam Limited (BSNL) for supply and installation of hardware and software components in all PMC schools to provide digital learning platform to students from Class I to Class X. The project scope includes digitization of classrooms including several IT components and covers about 3-4 classrooms in each school.

2.5 Objectives of Digital Education Software (DES) Solution Project

The main purpose of this initiative is to enable a creative and interactive teaching-learning experience in the schools registered under PMC to increase the student performance and learning standards.

PSCDCL envisages to develop a holistic learning approach in the schools with the following primary objectives:

1. To create a common online platform on which students, teachers, trainers and other learners can collaborate to create an open learning environment
2. To provide exposure for students to online education system, which will enable Self-Paced Learning Management System
3. Building a complete online portal, which works as a combined centre for all parties associated with the school functioning such as teachers, principals, PMC and state level officials.
4. Facilitating an effective and attractive PTS outreach platform for the parent, the teacher and the student.
5. Implementing remedial training planning
6. Digitizing overall reporting system and mapping of student and teacher progress as well as school performances
7. Providing fully integrated School Management System and Document Management System
8. Implementing Virtual Classroom and Digital classroom concept

The following broad level features are included in the software solution:

1. A/V content for classrooms
2. Adaptive learning management system

3. School Governance
4. School Administrative platform
5. School Management system
6. Integration with existing system

2.6 Description of EOI Process

During the stage of Expression of Interest (EOI) is undertaken as an industry consultation where, credible Applicants having requisite capability for undertaking the Scope of Work have been requested to provide their inputs on the key parameters to be adopted by PSCDCL as it determines the terms and conditions of the RFP. EOI published is non-selective and pre-qualification of Applicants will not be done at this stage.

Subsequent to this EOI and the finalization of the Project details, PSCDCL proposes to issue a Request for Proposal (RFP) for selection of interested Applicants for the Project.

PSCDCL does not, in any manner whatsoever, warrant or represent that it will subsequently proceed to release the RFP and/or initiate the RFP Stage of the Bidding Process. Accordingly, the information regarding the RFP made in this EOI are indicative in nature and purely informative, and non-binding.

PSCDCL in its absolute discretion may cancel, change, alter or replace the RFP Stage of the Bidding Process and/or the Project itself, without according any reason thereof or providing any prior notice to any person including the Applicants.

3. General Information

3.1 Eligible Applicants

The Applicants eligible for participating in the EOI process shall be any of the following categories:

The Applicant shall be legally competent to enter into contract as per prevailing Indian law and must be either:

- i. a company incorporated under the Companies act 1956 (as amended or re-enacted and restated including the Companies act 2013 as notified from time to time), (Copy of certificate of incorporation, Memorandum and Article of the Association of the Applicant should be submitted) or
- ii. a partnership firm registered the Indian Partnership Act (copy of registered partnership deed should be submitted) or
- iii. a registered proprietary firm (Copy of sales tax/service tax registration, EPF registration, Shop registration certificate, as may be applicable, should be submitted).

The term Applicant used hereinafter would therefore apply to both the above-mentioned categories. Any entity, which has earlier been barred by PSCDCL, PMC and any other government institutions from participating in its projects, would not be eligible to submit an EOI individually, if such bar subsists as on the last date of submission of EOI.

4. Information to be provided in the EOI

EOI is open to all participants that comply with the following requirements:

Information	Document Proof	Refer Format
The Applicant must be registered company and should be operational	<ul style="list-style-type: none">Certificate of Incorporation / Registration Certificate	A_2
As on date of submission of the proposal, the Applicant should not be blacklisted by Central / State Governments in India.	<ul style="list-style-type: none">Declaration letter by the Applicant as per the format given in the EOI document	A_5

Note:

- i. The Applicants must submit the information requested in clause 5.4 in the prescribed formats and with attached relevant documentary proof.
- ii. The applications must be signed by duly authorized person holding the power of attorney in case of limited company or corporation. (A certified copy of the Power of Attorney shall accompany the application).

4.1 Concept Note:

The participants of the EoI are also required to submit a Concept Note regarding their capabilities and experience in implementing Digital Education Software solution. A preferred solution would comprise of a commercially off the shelf solution (COTS) that has already been implemented in schools supported by Urban Local Bodies and private organizations in India. The system integrator should demonstrate capability to customize, implement and support the COTS solution. The System Integrator should also demonstrate competency in gathering of functional requirements from schools run by Urban local bodies or similar government bodies.

The Applicants should cover the following aspects in the Concept Note:

- Solution architecture with regard to their understanding of the project scope
- Solution details – platform, operating system, database, integration platform details
- Technical architecture including deployment architecture (cloud/on-premise/hybrid)

- Approach & Methodology to implement the solution
- Functional compliance of the proposed COTS solution
- Additional features of the COTS solution with unique value proposition of the solution
- Indicative BOM and technical specifications of the DES solution components
- Maintenance and on-site support arrangement during operations
- Compliance with Security, scalability, manageability, performance parameters
- Proposed KPI's and acceptance criteria for the solution
- Connectivity requirements
- Hardware component requirements
- Compliances & certifications
- Case Studies of other client implementations of the DES solution
- Learnings from other client implementations
- Training plan

5. Instructions to Applicants

The PSCDCL, invites reputed firms to submit their proposals for the Project for PMC in accordance with conditions and manner prescribed in this Expression of Interest (EOI) document.

No Applicant shall submit more than one EOI.

5.1 Availing Bid Documents

The EoI Document can be downloaded from the website <https://pmc.gov.in> up to the date and time mentioned in the EoI Notice. PSCDCL/School/DES/26/2018.

5.2 Completeness of the EOI Response

Applicants are advised to study all instructions, forms, terms, requirements and other information in the EOI documents carefully. Submission of bid shall be deemed to have been done after careful study and examination of the EOI document with full understanding of its implications. The response to this EOI should be full and complete in all respects. Failure to furnish all information required by the EOI document or submission of a proposal not substantially responsive to the EOI documents in every respect will be at the Applicant's risk and may result in rejection of their proposal.

5.3 EOI Preparation Cost

The Applicant is responsible for all costs incurred in connection with participation in this process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by PSCDCL to facilitate the evaluation process. PSCDCL will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process. All materials submitted by the Applicant shall become the property of the PSCDCL and may be returned at its sole discretion.

5.4 Sealing, marking and submission of EOI

The Application should be submitted through Email and Postal Speed Post or Courier or in person, so as to reach on or before 05/10/2018 up to 14:30 hrs. **PSCDCL won't be responsible for any postal delays.**

The Application including supporting documents and its duplicate shall be typed or written in indelible ink and the Applicant shall initial each page. All the alterations, omissions, additions, or any other amendments made to the Application shall be initialed by the Authorised Signatory of the Applicant.

Applicant should fill in information in prescribed formats for qualification as mentioned in the EOI Document.

The Applicants shall submit all supporting documents in the format as prescribed in the EOI Document along with suggested documentary evidence with the Application.

The Application shall include the following requisite documents and necessary supporting documents as specified in Appendix A to E, each envelope should contain –

- a. Cover Letter as per format A_1 (Please Refer Section 7.1);
- b. Details of Applicant as per format A_2 (Please Refer Section 7.2);
- c. Details of relevant experience as per format A_3 (Please refer Section 7.3)
- d. Concept Note as per format A_4 (Please Refer Section 7.4)
- e. Declaration – No Blacklisting as per format A_5 (Please Refer Section 7.5)
- f. Power of Attorney for Signing the EOI as per format A_6 (Please Refer Section 7.6)

Applicants should submit only one copy of the EoI including the information requested in the prescribed formats along with any supporting documents. The original copy shall be sealed in an envelope marked “Original” and the other copy in an envelope marked “Copy”. Both these envelopes shall then be enclosed in an outer envelope marked “*EoI for Selection of System Integrator for Digital Education Software (DES) Solutions for all Pune Municipal Corporation (PMC) schools over Pune city*”. Along with the hardcopies, a soft copy in PDF format shall also be submitted through a CD / DVD / USB flash drive.

If the envelopes are not sealed and marked as instructed above, the PSCDCL assumes no responsibility for the misplacement or premature opening of the contents of the application and consequent losses, if any suffered by the Applicant.

In the event of any discrepancy between the original and CD/Pen Drive/USB stick, the original shall prevail.

Each page of the above should bear the initials of the Applicant along with the seal of the Applicant in token of confirmation of having understood the contents

The submission should be signed by an authorized person holding the power of attorney in case of limited company or corporation. A certified copy of the power of attorney shall accompany the EoI. Proposals must be direct, concise, and complete. PSCDCL will evaluate Applicant’s proposal based on its clarity and completeness of its response to the requirements of the project as outlined in this EOI. The CEO, PSCDCL reserves the right to accept or reject any or all the proposals without assigning any reason.

5.5 Late Proposal for EoI

EoI response not reaching on or before the specified time limit will not be accepted.

5.6 Language of Bids

The responses prepared by the Applicant and all correspondence and documents relating to the bids exchanged by the Applicant and PSCDCL, shall be written in English language. Any printed literature furnished by the Applicant in another language shall be accompanied by an English translation, in which case, for purposes of interpretation of the bid, the English translation shall govern.

If any supporting documents submitted are in any language other than English, translation of the same in English language is to be duly attested by the Applicant.

Details to be mentioned exactly on sealed envelope

EoI Details

Notice No.: PSCDCL, PSCDCL/School/DES/26/2018 -
EoI for “*Selection of System Integrator for Digital Education Software (DES) Solutions for all Pune Municipal Corporation (PMC) schools over Pune city*”

Last date of Submission: On or before 05/10/2018

To,

CEO,
Pune Smart City
Development Corporation
Limited, Pune

5.7 Evaluation of EoI

All the information provided will be evaluated for the purpose of inclusion in the RFP. PSCDCL may optionally invite Applicants to make a presentation as part of the evaluation. The feedback received will be evaluated may be considered for designing the actual RFP.

PSCDCL may require verbal/written clarifications from the Applicants to clarify ambiguities and uncertainties arising out of the information submitted.

5.8 Key Suggestions

Workable comments and suggestions on the Scope of Work of this EoI that could overall improve the quality/effectiveness of this project shall be considered by PSCDCL at his own discretion.

5.9 Right to extend the validity of EoI Document

PSCDCL in its absolute discretion and prerogative may extend the validity of the EoI submitted by the Applicants by according proper reasons thereof.

5.10 No obligation to issue of RFP

PSCDCL shall be under no obligation to issue a Request for Proposal (RFP) for the Project described in this EoI Document.

5.11 Right to cancel the EOI Process

PSCDCL may cancel this EOI process at any stage without assigning any reasons whatsoever and will not be liable to compensate any Applicant on any grounds whatsoever. The Applicants shall not be entitled to refund of cost of documents or other costs in case the EOI is cancelled for whatsoever reason or without assigning any reason.

6. Scope of Work

6.1 Indicative Scope of Work for System Integrator for DES solution:

PSCDCL envisions to equip the PMC schools with digital learning experience and develop a comprehensive solution that enhances the learning experience of school students as well as teaching experiences of school staff. The proposed technical solution for the schools shall directly impact the student outcomes and teacher performances and shall attract more enrollment in the government schools.

1. Design, develop and deliver an Digital Education Software solution (both 2D and 3D) from KG to Class 10 with all the necessary licenses and warranties which shall contain at least the solution specifications listed below in clause no. 6.4
2. Supply and installation of Digital Education content completely designed and mapped to Maharashtra School Education Board syllabus/ NCERT and NCF guidelines for Class I to Class X as desired by PSCDCL
3. Technical and non-technical support for period of next 3 years
4. Service provider shall also invite different subject matter experts on board to support and ensure the effective e-learning delivery
5. Necessary actions and procedures to integrate the software with the centralized Smart City Operations Centre as and when required by PSCDCL
6. Upgrade the software content free of cost in sync with any changes in the Maharashtra School Education Board syllabus and provide necessary support for resolution of any bugs, patches & upgrades of the software solution
7. Design various manuals as required by PSCDCL like user manual, troubleshooting manual, etc. for the system
8. Management and quality control of all the services
9. Provide capacity building, maintenance and training to PMC Education department staff, School staff and PSCDCL technical team to run the DES solution.
10. Provide uninterrupted and free access to the students, teachers and principals or any other relevant agencies approved by PSCDCL to use the software in tabs, mobiles, computers, laptops, etc. as verified and approved by PSCDCL

6.2 Operations & Maintenance for 3 years:

1. System Integrator shall provide full operational, maintenance and technical support during the entire period of the contract.

2. All the DES solution components shall be managed through a centralized management software. User credentials for MIS access to the software must be shared by SI with PSCDCL.
3. During the duration of the contract, the SI shall be required to conduct periodic checks of the deployed solution for performance, scalability, security, and further perform continuous monitoring of operations on behalf of PSCDCL. The SI shall be required to provide necessary information, support and MIS reports in the desired format to the PSCDCL and/or any of its authorized representatives to carry out analysis at any point during the contract, if required.
4. The System Integrator will have to provide necessary trainings to the departmental staff identified by PSCDCL from time to time on usage of the system.

6.3 Solution Specifications

Digital Education software solution should cover the following broad modules:

I. A/V learning content for classrooms:

- a. Unit-to-unit planning and designing of lessons in sync with the latest Maharashtra School Education Board syllabus subject and / or Chapter and/ or topics in micro learning methodology as desired by PSCDCL. The syllabus provided shall be in English, Marathi, Hindi and Urdu. The software shall be capable of regular time to time updating for the next 3 years
- b. DES including existing or developed content, tools, etc. by the SI shall be the property of PSCDCL and it can be used by the department of PSCDCL or its authorized agencies in other schools in the state of Maharashtra also without seeking content of the System Integrator and without paying any extra cost for unlimited period of time.
- c. DES shall be compatible to allow the user to create/ customize any type of content
- d. The software content for the school shall comprise of the following items:
 - A/V content designed and mapped to Maharashtra School Education Board which shall contain grade specific lesson planning which shall contain parameters like 2D/3D animations, 3D videos, 3D models, activities, interactivity sessions, etc.
 - Quiz content which shall allow the user to display quiz questions in between learning lessons and shall also allow creation of any new questions
 - Interactive class tests which shall contain parameters like periodic table activities, assignments, lecture note Q/As, etc.
 - Interactive maps, geographical maps, images and animations content
 - Games content
- e. Remedial training planning
- f. Setting up of digital library which shall contain e-books in different languages
- g. Setting up of digital science labs which shall deliver e-content of science lab

equipments and experiments

II. Adaptive learning management system:

- a. Planning of lessons and tests based on student wise grasping capabilities
- b. This shall include the following components:
 - i. Quick run teaching modules for all the students to be taught in classrooms
 - ii. Slow motion and more detailing learning sessions for students with weak grasping capabilities
 - iii. Additional module tests and training sessions for students with weak grasping capabilities
 - iv. Other specialized and high-level learning skills for students quick grasping capabilities

III. School Governance:

- a. Create multiple reports as per the user requirements
- b. DES shall be capable to set a baseline for performance of students and mapping student and teacher progress
- c. DES shall be able to monitor the functioning in terms of adherence to the schedule and shall directly report the observations to the Education department/ PSCDCL SCOC
- d. Mapping of teacher performance within the school as well as comparison of school to school performances

IV. School Administrative platform:

- a. Online assessment and examination management which shall include online test centers, evaluation and online scoring display
- b. Automatic recording and reporting of students, teachers and other support school staff's daily attendance and creating monthly reports for Education department
- c. HR planning; in which the users shall be able to perform staff planning in terms of lecture scheduling, creation of timetables, holiday planning and mapping, etc.
- d. Expense and asset registrar creation, management and reporting

V. School management system:

- a. Centralized scheduling and mapping of internal school meetings, parent-teacher meetings, school management committee meetings
- b. Mapping Head Master performance standards based on school-to-school comparison of performances
- c. Online assessment of efficiency of other school parameters like cleanliness standards, fire-fighting equipment performances, etc.

VI. Integration and implementation:

- a. Centralized integration of the software solution with the centralized SCOC
- b. Centralized smart attendance recording and monitoring
- c. CCTV footage integration with the centralized SCOC of PSCDCL/ any other PMC center.

6.4 Proof of Concept (POC)

PSCDCL will support SI keen to deploy the Digital Education software solution system on trial basis for duration of 2-3 months for the selected 15-20 PMC owned schools of Education department without any cost liability to PSCDCL/PMC.

Report on the following criteria will have to be submitted at the end of the trial run.

- a) Efficiency –Functioning reports of use of the software components and understanding of solution
- b) Functional compliance – as per listed requirements
- c) Ease of operation – based on user feedback (department, registered vendors or other stake holders)

It will be responsibility of the SI to manage the supply, installation, testing, commissioning of proposed solution at its own cost and risk during the POC period. The exact dates for the POC will be communicated separately.

6.5.1. Obligations of PMC and PSCDCL during the POC period

- a) Provide access to infrastructure for POC scope and issue necessary permissions
- b) Operate the systems including allocating support staff for the operations
- c) Provide integration details of existing equipment and IT systems in the schools
- d) Provide permission to integrate the existing hardware components as applicable

6.5.2. Obligations of selected agency during the POC

- a) Design, procure, develop, configure & implement Education software solution including required software & hardware components for 3 months
- b) Deploy the DES solution on cloud / data center
- c) Design, deployment documentation as per PSCDCL requirements
- d) On-site training to PMC, PSCDCL staff
- e) On-site support in operations (need based)
- f) Host, retain entire data operate the systems including allocating support staff for the operations.
- g) Retain data securely and handover periodically and at the end of trial run.

7. Specific format for the Applicants to fill in the details

7.1 Format A_1: Cover Letter

[To be printed on the Applicant company's/ Lead Member's letterhead and signed by its Authorized signatory]

dd/mm/yyyy

To,
The CEO PSCDCL,
2nd Floor, ICC Tower "A",
Senapati Bapat Road,
Pune - 411 016,
(Maharashtra), India

Sub.: Submission towards Expression of Interest ("EOI") for "Selection of System Integrator for Digital Education Software (DES) Solutions for all Pune Municipal Corporation (PMC) schools over Pune city"

EOI Ref.: [•]

Dear Sir/ Madam,

Having examined the EOI, the receipt of which is hereby duly acknowledged, I/We offer to submit the EOI for the Project.

We agree and understand that this EOI is non-binding and non-committal. PSCDCL or its directors, employees, associates, affiliates or its agents shall not be liable to me/us for any liability arising directly or indirectly from our participation in the EOI Process.

We further agree, understand and fully comprehend that PSCDCL may in its absolute and exclusive discretion at any time change, alter, replace, remove and/or cancel any or all part of the EOI Document or the Project. PSCDCL may also abandon, call-off, alter, replace, revise the Project. Furthermore, PSCDCL is under no obligation or compulsion in any manner whatsoever to release or publish the RFP, it may also change or replace or cancel any or all part of the bidding process.

We submit hereto my/our EOI as per the requirements and details specified in the EOI Document. I/We confirm that the information contained in these submissions or any part thereof, including the appendices, and other documents and instruments delivered or to be delivered to PSCDCL, are true, accurate, verifiable and complete. These submissions include all information necessary to ensure that the statements therein do not in whole or in part mislead PSCDCL in its EOI Process.

We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading the EOI Process, I/we are liable to be disqualified from the EOI Process, if selected to do so.

We agree for unconditional acceptance of all the terms and conditions set out in the EOI Document and also agree to abide by this EOI for a period of 120 days from the date of submission.

We agree that you are not bound to accept any EOI you may receive. I/We also agree that you reserve the right in absolute sense to reject all or any of the EOI received as per the EOI Document and Advertisement.

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

Signature of Authorized Signatory (with official stamp)

Vide Board Resolution dated [•]

Name of Authorised Signatory: [•]

Designation of Authorised Signatory: [•]

Address of the Applicant: [•]

Telephone & Fax of the Applicant: [•]

E-mail address of the Applicant: [•]

7.2 Format A_2: Details of Applicant

[To be printed on the Applicant company's/ Lead Member's letterhead and signed by its Authorized signatory]

To,

The CEO, PSCDCL,
2nd Floor, ICC Tower "A",
Senapati Bapat Road,
Pune - 411 016,
(Maharashtra), India

EOI Ref.: [•]

Dear Sir/ Madam,

Enclosed are the details of Applicant for participation in the EOI for "Selection of System Integrator for Digital Education Software (DES) Solutions for all Pune Municipal Corporation (PMC) schools over Pune city"

Sr. No.	Particulars	Details
1.	Name of the Applicant/ Lead Member along with all other members of the Consortium	
2.	Type of Firm (Private Limited/ Public Limited company/ LLP/ Partnership/ HUF/ Foreign Incorporated Entity)	
3.	Country of registered Office of the Applicant	
4.	Address of registered office of the Applicant	
5.	Company registration details/number	
6.	Name and permanent address of all directors of the Firm	
7.	Date of incorporation of the Firm	
8.	GST registration number (mandatory for Indian Firms)	
9.	Details of Certificate of CMMI Level 3 / ISO 9000-3 Company or any other equivalent certificate (<i>if any</i>)	
10.	PAN (mandatory for Indian Firms)	
11.	TAN (mandatory for Indian Firms)	

12.	No. of years of operations in India (mandatory for Indian Firms)	
13.	Authorized signatory name	
14.	Authorized signatory designation	
15.	Authorized signatory contact details	

[In case the Applicant is a Consortium then please mention details in the aforesaid details of the Lead Member and all the Consortium Members by making separate tables]

The below mentioned annexures (as applicable) have been attached for the Applicant to further demonstrate that that the Applicant has been operational at least for five (5) years preceding the EOI Due Date:

- a) Certificate of Incorporation/Registration
- b) Memorandum and Articles of Association
- c) Certificate as per Shops & Establishments Act
- d) GST Registration Certificate (mandatory for Indian Firms)
- e) PAN Card (mandatory for Indian Firms)
- f) Consortium Agreement
- g) Partnership Deed/ LL.P. Agreement

In case the Applicant is a Consortium then please enclose all the aforementioned supporting documents of the Lead Member and the Consortium Members.

Yours sincerely,

Signature of Authorized Signatory (with official stamp)

Vide Board Resolution dated [•]

Name of Authorised Signatory: [•]

Designation of Authorised Signatory: [•]

Address of the Applicant: [•]

Telephone & Fax of the Applicant: [•]

E-mail address of the Applicant: [•]

7.3 Format A_3: Details of relevant experience

[To be printed on the Applicant company's/ Lead Member's letterhead and signed by its Authorized signatory]

dd/mm/yyyy

To,

The CEO, PSCDCL,
2nd Floor, ICC Tower "A",
Senapati Bapat Road,
Pune - 411 016,
(Maharashtra), India

EOI Ref.: [•]

Dear Sir/ Madam,

We have carefully gone through the requirements and conditions of eligibility specified in the EOI Document for EOI for "Selection of System Integrator for Digital Education Software (DES) Solutions for all Pune Municipal Corporation (PMC) schools over Pune city".

Description	Details
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)	
Project Details	
Date of the Project	
Duration of the project (number of months, start date, completion date,	

current status)	
Supporting Documents: (Work Order/ Definitive Agreement/ Letter of Award or Letter of Intent)	

[In case the Applicant is a Consortium then please mention details in the aforesaid details of the Lead Member and all the Consortium Members by making separate tables]

I/We hereby declare that below are the details regarding the Projects that have been taken up and successfully demonstrated by my/our Firm.

I /We further certify that I/We am/are authorized officer in my/our Firm to make this declaration.

Yours sincerely,

Signature of Authorized Signatory (with official stamp)

Vide Board Resolution dated [•]

Name of Authorised Signatory: [•]

Designation of Authorised Signatory: [•]

Address of the Applicant: [•]

Telephone & Fax of the Applicant: [•]

E-mail address of the Applicant: [•]

7.4 Format A_4: Concept Note

[To be printed on Applicant company's/ Lead Member's letterhead and signed by it's Authorized signatory]

dd/mm/yyyy

To,

The CEO PSCDCL,
2nd Floor, PMC Main Building,
Shivaji Nagar,
Pune - 411 005,
(Maharashtra), India

EOI Ref. No: [•]

Dear Sir/ Madam,

In response to the EOI Document Reference No. [•]/2017 dated [•] for “Selection of System Integrator for Digital Education Software (DES) Solutions for all Pune Municipal Corporation (PMC) schools over Pune city”, we have prepared a concept note which is attached herewith. The concept note is prepared in good faith, after understanding the EOI document and requirements of PSCDCL.

Name of the Applicant: [•]

Authorized Signatory: [•]

Seal of the Organization: [•]

Business Address: [•]

Date: [•]

Place: [•]

Vide Board Resolution dated [•]

Note: The concept note to be prepared and submitted by the Applicants should include the details listed in Section 4.1 of the EOI Document. Please ensure that all requirements mentioned in the EOI Document with respect to the concept note are to be fully covered.

7.5 Format A_5: Declaration – No Blacklisting

[To be printed on the Applicant company's/ Lead Member's letterhead and signed by its Authorized Signatory]

dd/mm/yyyy

To,
The CEO PSCDCL,
2nd Floor, ICC Tower "A",
Senapati Bapat Road,
Pune - 411 016,
(Maharashtra), India

EOI Ref. No: [•]

Dear Sir/ Madam,

In response to the EOI Reference No. [•]/2018 dated [•] for EOI for "Selection of System Integrator for Digital Education Software (DES) Solutions for all Pune Municipal Corporation (PMC) schools over Pune city", as an owner/ partner/ Director of [•], I/ We hereby declare that presently our firm [•] is having unblemished record and is not declared ineligible for corrupt and fraudulent practices either indefinitely or for a particular period of time by the Pune Municipal Corporation and/or the Government of India and/or any State Government in the last 3 (three) preceding financial years from 2017-18.

I/We further declare that presently our Firm (name of the Firm) is not blacklisted and not declared ineligible for reasons other than corrupt and fraudulent practices by any State/ Central Government/ PSU on the date of Application Submission.

If this declaration is found to be incorrect then without prejudice to any other action my/our application may be rejected and PSCDCL may take any other action that may deem fit to it.

Yours sincerely,

Signature of Authorized Signatory (with official stamp)

Vide Board Resolution dated [•]
Name of Authorised Signatory: [•]
Designation of Authorised Signatory: [•]
Address of the Applicant: [•]
Telephone & Fax of the Applicant: [•]
E-mail address of the Applicant: [•]

7.6 Format A_6: Power of Attorney for Signing the EOI:

[To be printed on Non-Judicial Stamp Paper of INR 500 and duly attested by notary public] [Please Note Stamp Duty payable for Power of Attorney in the State of Maharashtra as per the Maharashtra Stamp Act of 1958 is INR 500] [In case the Applicant is a Consortium, then each Consortium Member shall submit this Power of Attorney authorizing the authorized signatory of the Lead Member to submit the Application and by the Lead Member authorizing the authorized signatory of the Consortium Member to submit the Application]

EOI Ref.: [•]

KNOW ALL MEN BY THESE PRESENTS that the undersigned [name], [title] of [name of the Firm] (hereinafter referred to as the “**Firm**”), is lawfully authorised to represent and act on behalf of the Firm, whose registered address is [Firm’s address], and does hereby appoint [name], [title], of [firm] of [•], whose signature appears below, to be the true and lawful attorney, and authorised the said attorney to sign the EOI, related documents, conduct negotiations, sign any agreement related to the EOI, supporting documents and other documents as required under the EOI Document and other documents as requisitioned by PSCDCL and execute all the necessary matters related thereto, and to do all such acts, deeds, things and matters in the name and on behalf of the Company in connection with the execution thereof, pertaining to the EOI for “Selection of System Integrator for Vehicle Tracking Solutions for Pune Municipal Corporation (PMC) vehicles”.

We hereby agree to ratify all acts, deeds, and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and always be deemed to have been done by us.

All terms not defined herein, shall derive their meaning in the EOI Document.

IN WITNESS WHEREOF WE THE PRINCIPALS ABOVE NAMED HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS [•] DAY OF [•], 2018

In the presence of

Me

Before

OFFICIAL SEAL AND SIGNATURE OF THE FIRM:

Name of the Legal Representative (*executant*): [•]

Duly authorised by the board to issue such Irrevocable Power of Attorney dated this _____ day of _____ (In case the Firm is a company).

Signature of the Legal Representative:

Name of the Attorney:

In the capacity of:

[Insert title or other appropriate designation]

Signature of the Attorney:

Company's seal:

Witnesses:

1. Name: _____

Address: _____

Signature: _____

2. Name: _____

Address: _____

Signature: _____

Note:

1. *The Applicant should include such power of attorney in its EOI.*
2. *The mode of execution of the power of attorney should be in accordance with the procedure, if any, laid down by the Applicable Law.*
3. *Also, wherever required, the executant(s) should submit for verification the extract of the charter documents and documents such as a board or shareholder's resolution/ power of attorney in favour of the person executing this power of attorney for the delegation of power hereunder on behalf of the executant.*
4. *For a power of attorney executed and issued overseas, the document will also have to be legalised by the Embassy of the Republic of India/ High Commission of the Republic of India/ Consulate General of the Republic of India/ Honorary Consulate General of the Republic of India and notarised in the jurisdiction where the power of attorney is being issued. However, the power of attorney provided by executants from countries that have signed the Hague Legalisation Convention 1961 are not required to be legalised by the Indian embassy if it carries a conforming apostille certificate.*