

Expression of Interest (Eoi) for evaluating technology platforms for Digital Classroom solutions for Govt. Elementary Schools within the State of Gujarat.

Gujarat Informatics Limited (GIL) on behalf of Gujarat Council of Elementary Education (GCEE), Education Department, Government of Gujarat invites Eoi for evaluating technology platforms for Digital Classroom solutions in 6000 no.s of Government Elementary Schools within the State of Gujarat.

Interested agencies can download Eoi and further amendments if any freely available on <https://gil.gujarat.gov.in/> and submit the same physically at GIL on or before due date & time of the Eoi.

Last date & Time for submission of Eoi at Gujarat informatics Limited (GIL)	19.10.2018 up to 1500 hours
Date & Time for Presentation cum Demonstration	24.10.2018 to 26.10.2018
Venue of Presentation cum Demonstration	Gujarat Council of Elementary Education, Sarva Shiksha Abhiyan (SSA), State Project Office, Sector -17,Gandhinagar-382010

DGM (Tech),

Gujarat informatics Limited (GIL)

Block No. 2, 2nd Floor, C & D Wing, Karmayogi Bhavan,

Sector - 10 A, Gandhinagar – 382010.

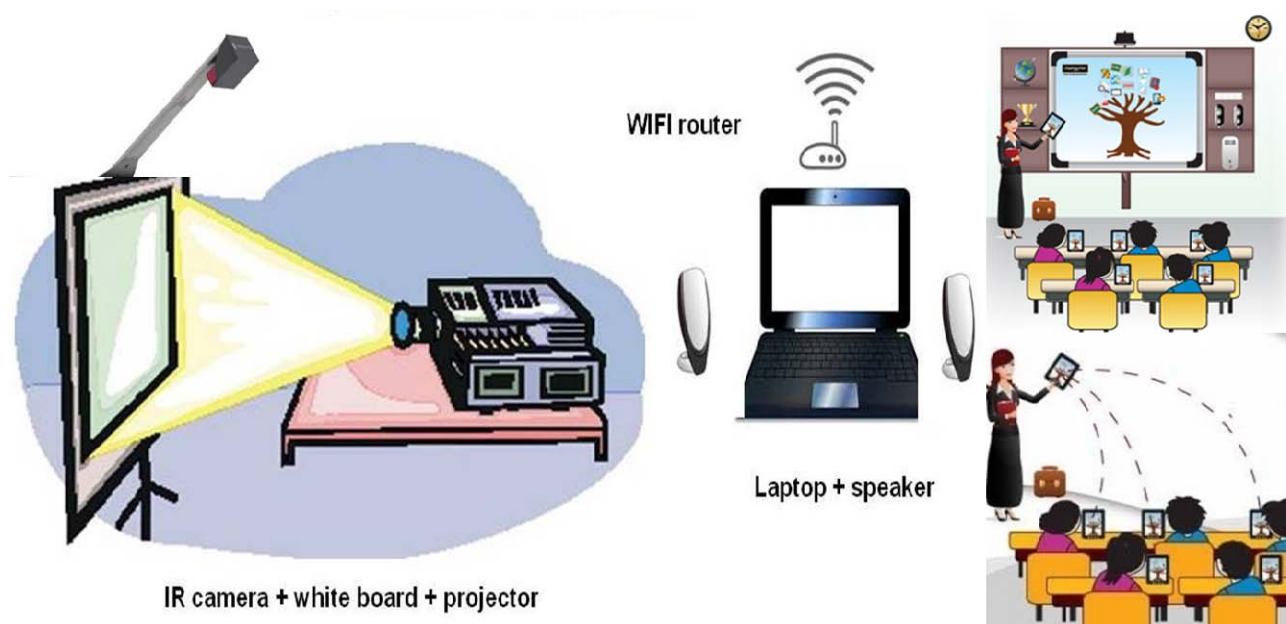
Background details of existing Gyankunj Project:

Gujarat Council of Elementary Education (GCEE), Education Department, Government of Gujarat (GOG) has implemented Gyankunj project in 1609 no.s of schools. Gyankunj model was approved for pilot implementation in Classes along with following facilities :

1. Wi-Fi Internet Connectivity at school
2. Projector
3. IR Camera
4. Laptop
5. Speaker
6. White Board
7. Wi-Fi Router
8. LAN Switch with necessary LAN cabling
9. Maintenance support for hardware through helpdesk

This model uses whiteboard, a computer/laptop, a projector, IR camera and interactive software for interactivity in classroom, the components/laptops are connected wirelessly or via USB or serial cables. A projector connected to the computer/laptop displays the desktop/laptop image on the whiteboard and IR camera uses high speed image sensors which can intelligently track and learn the environment and allow for a seamless information control with any display with real-time interaction and writing speed without any lag and superior interactive performance. The IR camera accepts touch input from infrared enabled pen. It also helps schools, teachers and students to stand globally competent with the help of education technology.

Gyankunj is a school digitization Programme to enhance classroom interactivity and teaching-learning process with the help of technology tools, like Projector, Interactive Infrared Camera, Laptop, Speaker, Whiteboard, Wi-Fi Router, LAN Switch with necessary LAN cabling etc. It aims to reinforce teaching-learning and evaluation process.



Objectives of Eol (Expression of Interest)

Gujarat Council of Elementary Education (GCEE), Education Department, Government of Gujarat (GOG) intends to evaluate technology platforms for Digital Classroom solutions in 12,000 classrooms of 6000 Government Elementary Schools within the framework of Sarva Shiksha Abhiyan (SSA) to achieve following objectives:

- To enhance interactivity in teaching-learning process of classrooms and reinforce teaching, learning and assessment through school digitization with help of interactive system encompassing software and hardware.
- To enhance classroom interactivity through advancement in teaching-learning process for Teachers and Students.
- To reinforce teaching, learning and evaluation process with use of latest technology.
- To make ease of understanding for each unit of curriculum in classroom itself by using technology as a medium.
- To track the usage of components utilized under setting up of digital classroom.

GCEE, SSA has decided to invite Eol, which would give platform for all players to participate for such a high volume of project of 12,000 classrooms to explore alternate technologies and models, which may provide latest technology with value added functionality, which could be more cost effective than the current model.

Indicative functionality of digital classroom:

- Teachers would be able to execute all pedagogy tactics (Do, Define, Demo, Evaluation) on solution proposed for enhanced delivery of curriculum.
- Use of e-Content provided by Gujarat Council of Elementary Education (GCEE) and Video Content telecast under e-Class project; at teachers-students comfort level
- Exploring utilization of all Educational Contents, Freeware, Open Source Resources, Online Resources, eContent Created / Tailored by teachers etc. with comfort to teachers up to complete understanding of all students
- Academic delivery through e-Contents, Audio-Visuals, Digital Textbooks which can be accessed offline (local host), online (Cloud based) as well as on local computer.
- The solution would attract Students to learn and grasp the curriculum with long lasting knowledge.
- The solution would also attract teachers to use the solution seamless by recording video lectures on board, tailoring online resources as per the need of children etc.
- Inspiring teachers to do innovations for academic delivery to address need of children to achieve learning level of each individual

- The offered solution should provide the functionality of usage tracking software with real time automatic usage/on-off logs for applications and equipments. The usage tracking application should provide following details:
 - Number of equipment switched ON at any point of time – daily basis
 - Duration for which an equipment was ON – Daily basis
 - Duration for which e-content was played on equipment – daily basis
 - These reports should be generated school wise, district wise, zone wise.
- The said usage tracking application shall send the details to cloud based application over internet. In absence of internet connectivity, the usage tracking application shall store the logs locally & shall send the details to cloud based application once the internet connectivity is available. The access to cloud based application for usage tracking shall be provided in the form of user ID & password to GCEE – SSA for accessing the details & downloading the required reports as mentioned above
- These are only indicative functionalities, agency may propose any technically feasible and cost effective solution meeting above functionalities.
- To review and observe the existing Gyankunj Digital Classroom Solution, Agency may, at its own cost, visit any of the Gyankunj Schools seeking prior permission from SSA.

Technical Proposal submission:

- As a part of EoI, agency will have to submit a detailed technical proposal of offered solution which should include following :
 - ✓ Technical solution write-up
 - ✓ Components of the solution
 - ✓ Make & models of items along technical specifications
 - ✓ Technical Literature/brochures of offered solution along with Data Sheets.
 - ✓ Estimated cost of offered solution (with Warranty & Support terms).
 - ✓ Details of Previous installation of proposed solution (if any), Documentary Proof, Work Orders etc.

Methodology of demonstration & evaluation:

- ✓ Agency will have to give detailed presentation of offered solution.
- ✓ GCEE, SSA shall provide / allot location for presentation cum demonstration of offered solution. Agency will have to demonstrate the offered solution by installing the required components within the time limit given in the EoI. The cost of the preparation of EoI as well as arranging presentation cum demonstration should be borne by the agency only on No Cost No Commitment basis.
- ✓ An expert committee will be formed by GCEE, SSA to study/evaluate the proposed models and to select the best and cost effective technology platform/products etc. from all proposed solution.
- ✓ This EoI does not commit GIL/GCEE, SSA to award a contract or to engage in negotiations.

- ✓ GIL/GCEE, SSA reserves the right to accept or reject any or all proposals without assigning any reasons whatsoever. GIL/GCEE, SSA's decision in this matter will be final.

Details of Agency :

- Name of the applicant organization
- Name of the chief functionary
- Address
- Registered Office
- Contact details
 - Phone number
 - Email address
- Year of establishment
- About the organization
 - Key areas of operation