Expression of Interest from Agencies for Providing the "Holistic Solution for Personalised Learning and Inclusive Classrooms"

EoI No.: EdCIL/EIS&EPS/PROC/2022-23/EOI/01Dated:02-02-2023

EdCIL (India) Limited

(A Govt. of India 'Mini Ratna' Enterprises)
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Tel: 0120-4156001-02, 4154003,
0120-4310840, 0120-2970206, 207

EdCIL (India) Limited
(A GOVT. OF INDIA MINI RATNA ENTERPRISE)
SECTOR 16A, NOIDA

NOTICE INVITING EXPRESSION OF INTEREST (EOI)

EOI No.: EdCIL/EIS&EPS/PROC/2022-23/EoI/01 Dated: 02-02-2023

1. EdCIL (India) Limited is willing to provide the **Holistic Solution for Personalized Learning and Inclusive Classrooms** for other clients & EdCIL's own CSR projects, for improving the learning outcome of the students. EdCIL invites expression of Interest (EoI) from Agencies **for providing "Holistic Solution for Personalized Learning and Inclusive Classrooms"** as per details given below:

Name of work	Expression of Interest (EoI) from Agencies for Holistic Solution for Personalized Learning and Inclusive Classrooms;
Place of project	Pan India,
Date of Issue/Publishing	02-02-2023
Last Date and Time for receipts of EOI response	15-02-2023 up to 18:00 Hrs.
Date and Time of Opening of response	16-02-2023 at 11:00 Hrs.
Mode of submission of responses	Offline at the address given below;
Address for Communication	Chief General Manager (EIS & EPS) EdCIL (India) Limited, 18 A, Sector-16A, Noida-U.P.-201 301, Ph. No.: 0120-4310840
Contact No.	0120-4156001,002,4154003, 0120-2970206,207
Email Address	cgm.infracivil@edcil.co.in, eprocure@edcil.co.in

2. EoI document shall be downloaded from electronic tender portal link available at EdCIL Tender web page and details mentioned in the tender document.

3. Applicants are advised to visit the EdCIL Web site for getting themselves updated for information on this tender. Corrigendum and addendum may be issued on the changes required. The Corrigendum/addendum is the part of tender documents and applicants are supposed to submit the same, duly signed as per the guidelines given in the EoI document. Applicants are advised to visit EdCIL e-tender web page regularly to update themselves for any notifications for this tender.

Chief General Manager/ (EIS & EPS)
EdCIL (India) Limited,18 A, Sector-16A, Noida-201 301
Tel: 0120-4156001, 0120-4154003, 0120-4310840, 0120-2970206,207.

CHAPTER-1
INSTRUCTIONS TO PARTICIPATING AGENCIES

1. **Scope of Work:** The indicative scope of work has been given here under, however the agency may add value in it as suitable.

   ## 1.1 Assessment & Screening of Students including CwSN to promote Competency Based Learning

   ### 1.1.1 Training teachers for Administering – Grade based Cognitive and Achievement Assessment

   The creation of student-centred classroom and adoption of competency-based learning requires training teachers and educators to understand personalized education and individual differences. The first step will be to train teachers to conduct group competency based cognitive and achievement assessments for students. Training on how to use cognitive and achievement assessment will be provided through workshop over a period of three days. The assessment tools has been curated and developed by multidisciplinary team of Child Psychologists, Rehabilitation Psychologists and researchers. During the workshop Teachers and Special educators will also be trained to screen CwSN in their classrooms.

   ### 1.1.2 Administration of Competency based Cognitive & Achievement Assessment

   The next step will be to assess the strengths and weaknesses of each learner through a Grade based Cognitive and Achievement Assessment through use of a technology solutions. The data analytics will be used to examine developmental, cognitive and grade level achievement of individual learners. This assessment will aim to achieve the following objectives:

   a. To see the level of performance of each child based on the grade level.
   b. To identify children who need acceleration and those who need support as per the grade level achievement.
   c. To identify children with developmental delays and provide the necessary support to them in the classrooms.

   ### 1.1.3 Administration of Screening tool to identify children with disabilities
   Teachers/ special educators after getting training during three-day workshop would be well equipped to administer the screening software to identify children who may be at risk of any developmental delays or disabilities.

   ### 1.1.4 Report Analysis for each Student
   The software- "Teacher's Professional development & Performance Evaluation"- Generates reports of each student along-with the analytics for identifying students' academic strengths and weakness at individual and class level.

   ### 1.1.5 Report Analysis for CwSN
   The robust technology solution for CwSN - "Sp.Ed Tech for Rehabilitation Professionals" provides analysis on performance indicators at various levels. Data captured at school, block, district and state level for students, teachers

and CwSN will be analyses and shared with the relevant authorities in the form of reports (in case of schools this pertains with school students).

The analytics can be used in channelizing resources in a more meaningful way including policy formulation and implementation to get better results.

1.2 Establishment of Resource Centres for CwSN – At Block Level

To establish well equipped Resource Centres at block level in the Communities for CWSN. These centres will have tools and equipment's to support quality intervention like occupational therapy, speech therapy, special education, and physiotherapy to children with special needs. Extensive use of technology for Online Training of Rehabilitation professionals by experts. Individual School level resource rooms can also be established depending upon requirement and the budget.

(i) Expected Outcome of Setting of Resource Centres for CWSN

a. Increase in enrolment of CWSN in government schools.
b. Intervention would reduce the dropouts in higher grades, which eventually would help them become employable
c. Skill development of Special educators and other resource persons by experts remotely, thus equipping them with skills and resources to provide Quality intervention to these children.
d. Sensitising children towards CWSN, thus making schools and society truly inclusive.

(ii) Implementation Steps

- **Accessibility:**
  The resource centre with adequate space provided with complete civil work will be run in partnership with organizations working in the field of disability rehabilitation to ensure widespread awareness and easy access. The centre will be designed in accordance with universal design principles and the facilities will be made accessible to all through ramps and rails, provision of adapted toilets and drinking areas, space for wheelchairs, and braille signages.

- **Interventions:** The resource centre will aim to provide occupational therapy, special education, speech and language therapy, educational therapy, physiotherapy, and various other forms of therapy to children with neurodevelopmental disorders and special needs.

- **Technology:** The Special Ed. tech software provides special educators, rehabilitation professionals and teachers with the knowledge and skills needed to create individualized education plans (IEP) and design specific activities for integrating CwSN in mainstream classrooms.

1.3 Establishing Examination Centres for Children with Special Needs (CwSN)

A significant proportion of children with special needs in India are unable to access education due to inaccessible transportation to school, inaccessible school facilities and examination centres and infrastructural and social barriers. Although the Government of India has outlined various measures that schools and educational institutes need to take in order to ensure inclusive education, the ground level reality is far from the expectations. Schools still lack basic drinking and toilet facilities for CSWN, have no or inappropriate ramps, have uneven flooring and broken steps,

and lack tactical indicators, grab bars and inclusive softwares and poor entryways.

(i) The Solution

- Establish safe and accessible examination rooms and centres for children with special needs (CWSN) based on universal design principles.
- Train and sensitise examination room staff to ensure an anxiety-free and easy process of learning assessment for CWSN in government schools

(ii) Expected Outcomes

- Reduction in the dropout rates of CWSN in higher grades due to access to safe and barrier-free examination centres.
- Increase in school enrolment and attendance of CWSN in government schools owing to reduction in parents' worry regarding safety of their children.

(iii) Location

Examination centres may be built in select government schools that can then act as the primary examination centres for CWSN in their block and sub-division.

- Rooms will be set up on the ground floor to ensure easy accessibility for children with special needs.
- Examination staff and teachers of these schools will be trained to identify and understand the needs of CWSN and orient parents on the examination exemptions applicable.

1.4 Support to schools

Providing appropriate support and facilitation opportunities to ensure the enhancement of strengths and development of skills is an important step for improving learning outcomes and ensuring inclusive education.

1.4.1 Teacher Training- Self paced teacher learning modules:

"*The Teacher's Professional Development & Performance Evaluation Software"* is designed to equip in-service teachers with relevant skills and evidence-based practices through inbuilt training modules on different academic concepts. The bite-sized training modules cover various subjects, domains and skills. These modules can be accessed by teachers anytime and can help them design lesson plans and prepare for next day's class. They will help in providing conceptual clarity and practical skills to make the class more engaging & inactive.

1.4.2 Online Certificate Teacher Trainings Courses for Teachers & Special Educators

Online Certificate training courses curated for teachers (Preschool- Grade3) will be carried out by experts at the nodal studio using Live streaming.

*Similar online trainings courses are proposed to be conducted for Special Educators

1.4.3 Digitalization of School Management (For entire school)

ERP software for schools helps manage all day-to-day school activities including administrative tasks, teaching, curriculum management, student

attendance, student information, fee record management, homework management, etc

1.4.4 Learning management systems (Preschool- Grade 3)

The LMS would helps to track teacher's performance based on different parameters such as lesson plan creation, test paper creation, teacher attendance, peer knowledge sharing, training completion and more. This would increase the accountability of teachers and would encourage upskilling, thus impact learning classroom outcomes.

1.5 Teachers' resource package with tablet
We shall also provide a tablet along with the learning content, to the teachers to address the issues of internet connectivity.

1.6 Projector for innovative learning
We shall also provide a projector for each classroom to ensure learning continues without any gap even when the teacher is not available or is on leave.

1.7 Handbook
Teacher resource material activity handbook Each teacher will be given printed grade level (preschool- Grade 3) handbook, which will cover topics such as developmentally appropriate practices and activities that a teacher can adopt in their classroom and topics related to enhancement of social, cognitive, mental wellbeing of children.

1.8 Teaching Learning Material (TLM)
TLM for Students to enhance their cognitive and academic competencies;

(i) Student Kits (Preschool)
The research based developmentally appropriate indigenous Teaching Learning Material (TLM) for children and classroom teaching will be provided. The TLM's will be IPR protected, manufactured in India and are ISI certified.

The TLM's are grouped into 6 categories as explained in the National Early Childhood Care and Education (ECCE) Framework. The categories are as follows: Imaginative/Pretend Play, Puzzles and Blocks, Creative art, Reading, Writing and EVS Kits.

Students Kit (Grade 1 to Grade 3): We propose to create customize Teaching and learning student kit for foundational language development and numeracy skills. The resources and materials will aim to develop the skills and competencies delineated in the NIPUN Bharat Mission Guidelines, namely:

- Word and Print Recognition/Decoding,
- Phonic Understanding and Sound Discrimination,
- Reading Fluency and Comprehension,
- Communication skills,
- Foundational Mathematical Skills and Number Concept,
- Abstract Thinking
- Visual Perception and Association;

1.9 Teaching Learning Material (TLM) for classroom:
TLM for implementation of innovative pedagogies in the classroom
   (i) Grade level, curriculum and concept based TLM's for classrooms:

These TLM's are curated by multidisciplinary team of experts with the aim to

achieve the following objectives:

- Make pre-school education relevant, enjoyable, and stimulating for the child.
- Improve school readiness and future academic and life outcomes through the development of age-appropriate cognitive, social and motor skills.
- Improving Foundational Literacy and Numeracy skills for grade 1 to grade 3 students;

2. **Preparation of EoI Responses**: The responses shall be submitted in hard copies at the address given in the table above. The responses will consist of the following:

   (a) Organization Information (In the given Format);
   (b) Organizations' Technical Capabilities (Project Experience in Similar Field, Team Strength);
   (c) Organizations' Financial Strength,
   (d) Methodology for Project Implementation: This will include activities involved, timelines/ Milestones, certifications/ statutory requirements, other requirements etc.

3. **Important Instructions**

- EdCIL reserves the right to verify/confirm all original documentary evidence submitted by Applicants in support of the qualifying criteria.

- At any point of time, EdCIL reserves the right to cancel this EoI and/or invite afresh with or without amendments or notice.

Annexure I

Organization Information

We, _____ hereby certify that all the information and data furnished by our organization with regard to this EoI specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

We, further specifically certify that ourorganization has not been Black Listed/ De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years.	NAME & ADDRESS OF THE Applicant Agency
1 Phone/Fax/Email	
2 Type of Organization	
3 Registration details	
4 Contact Person Name	
5 Mobile Number	
6 TIN Number	
7 PAN Number	
8 MSME Details i. Registration No.	
ii. Gender	
iii. SC/ST	
9. No. of Employees (on roll)	
10. Any other Relevant Information	
Note; Pls enclose the relevant document in support of the information filled-in;	

(Signature of the Authorized Person of Applicant Agency)

Name: _____

Seal of the Organization

Organizations' Technical Capabilities
Details of Projects Completed During Last 10 years

S. No.	Name of the Projects	Order No. & Date	Client Name	Value of Order	Date of Start	Scheduled Date of Completion	Actual Date of Completion	Reason for Delay, if any
1.								
2.								
3.								
4.								
5.								
6.								
7.								

Note: The copy of work order/ agreements will have to be enclosed in support of the above filled in information.

Signature with Seal

Organizations' Technical Capabilities
Details of Core Team and CV of Key Personals

1) Name & Present Position
2) Field of Expertise
3) Sub-Field/ Domain area of expertise:
4) Contact Number & Email id:
5) Present Position:
6) Date of Birth & Nationality:
7) Educational Details:
8) Membership of Professional Associations:
9) Other Training:
10) Countries of Work Experience:
11) Languages known:
12) Number of years of Experience
13) Work Experience in the respective fields:
14) Research Work;
15) Any other specific Experience

From [*Year*]: _____ To [*Year*]: _____

Employer: _____

Positions held: _____

Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned:-------

16) Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience.

_____ Date: _____
[Signature of the applicant] *Day/Month/Year*

Note: EdCIL at any time may ask to submit the documentary evidence in support of above information.

Signature with Seal

Organizations' Financial Strength

Turn Over of past 3 years: -

Sl. No.	Financial Year	Annual Turn over
1.	2019-20	
2.	2020-21	
3.	2021-22	

Note: Certificate from Statutory Auditor/ Charted Accountant certifying balance sheetfor all three years to be attached.

Signature with Seal

Methodology for Project Implementation:
(This will include activities involved, timelines/ Milestones, certifications/ statutory
requirements, other requirements etc.)