CSR PROJECT PROPOSAL

TITLE - PROPOSAL FOR SETTING UP MINI SCIENCE CENTRE IN 10 GOVT SCHOOLS IN DHUBRI DISTRICT, ASSAM

SUBMITTED TO:
Central Warehousing Corporation
Regional Office 39, SaptaSwahid Path Sarumotoria, Dispur Guwahati – 781006

PREPARED BY OFFICE OF THE DEPUTY COMMISSIONER, DHUBRI DISTRICT, STATE ASSAM

CSR PROJECT PROPOSAL

1. Name of the Organization: STEM LEARNING PVT LTD

2. Complete Office Address with PIN: ICON 1205, Marathon Nextgen Campus,Lower Parel, Pin-400013
Mail id: info@stemlearning.in
Website: www.stemlearning.in

3. About the Organization: STEM Learning is an education company providing STEM(science, technology, Engineering and Mathematics) solution in the schools benefitting both students and teachers. It takes care of the manufacturing the science models to doing the training, Moniotoring and evaluation works. The organization was established in 2011 and has worked in 26 states across India having tie ups with 250+ Corporates and PSUs.

4. Location of proposed project: Dhubri,Assam

5. Mention the background and need of the Project being proposed: Dhubri being an aspirational district as per NITI Aayog guidelines, we plan to intervene in the education sector thereby changing the education pedagogy of teaching Science and Mathamatics.

6. Specific Objectives of Proposed Proposal:

Sl. No.	Specific Objectives
1	Ignite Scientific interest in children and aptitude development
2	Difficult subjects like Science & Maths are made fun & easy thereby giving clarity on scientific knowledge provided for day to day understanding.
3	Possibly a stepping stone for career in Science & Math's, hence increasing scientific temper in children
4	Teacher capacity building as it acts as aid to learning.

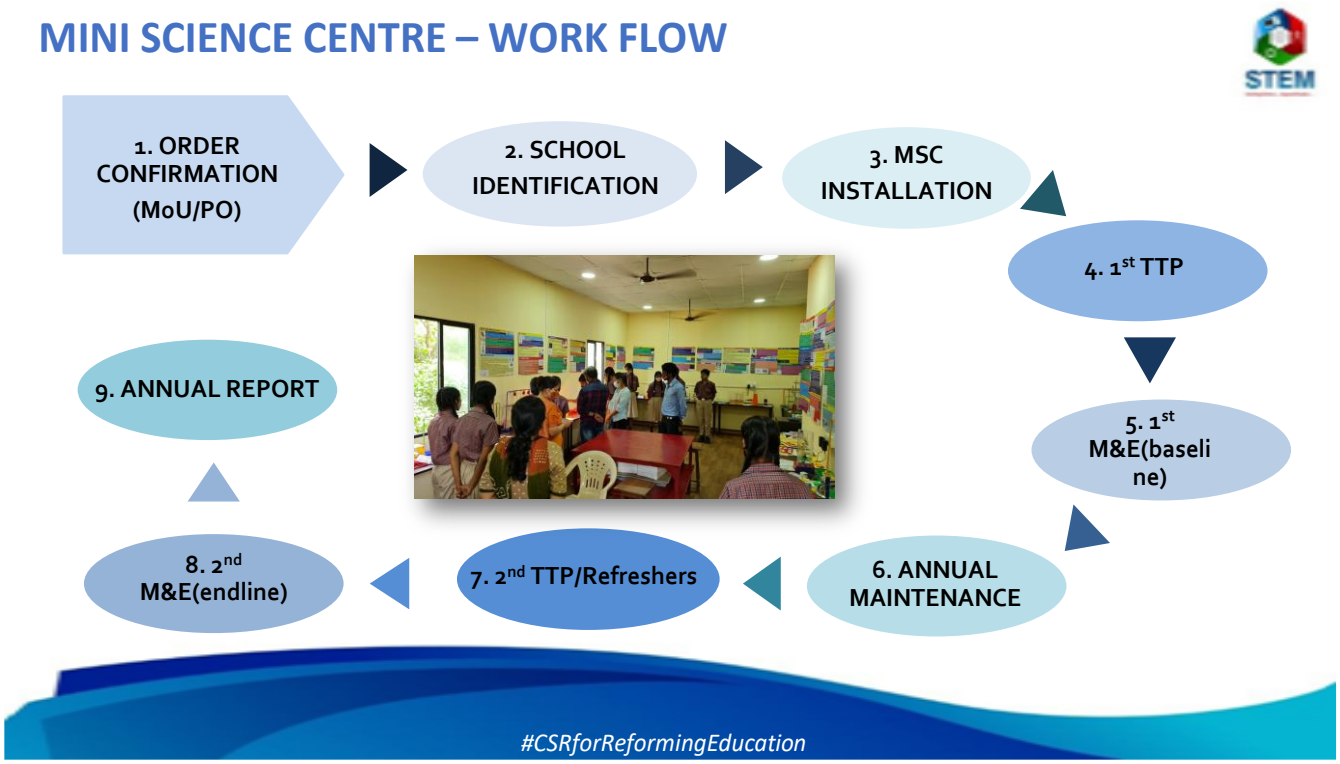
7. Target Group and Number of Beneficiaries of the proposed project:

Sl. No.	Geographical Area	Project on (Education/Health/Water/ Skill Development / Community Development)	Profile/Category of the Beneficiaries (ST/SC/PWD/ Unprivileged etc.)	Number of Beneficiaries to be covered
1	Dhubri District	Education and community development	Students and teachers across 10 Govt schools. Students will be from 5-10 Standard class	3000+ students, 30+ Teachers

8. Proposed PERIOD of Completion of the proposed project:

The proposed project will be completed in 1 year. The successive events of the projects are presented in the gantt chart as follows.

Activities	Months											
	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
School Identification - once												
Baseline Survey - once												
MSC Installation - once												
First Teacher Traning Program (FTTP)												
MSC Maintenance - as and when required												
Midline Survey - once												
Refesher Teacher Training Program(RTTP)												
MSC Monitaring & Evaluation- twice												
Client Visit to MSC established School (as and when required)												



9. Methodology in Sequence to be followed to carry out the Project:

Input	Output	Outcome	Measurement indicators	Timelines (Quarterly)	Risks Vs Mitigation
School Identification	• Identifying government schools from areas of deficit	• An intervention plan will be created. • Meeting with school principal for formal MSC introduction and benefit for students	• Receiving list of schools from DEO • Visiting government schools • Well drafted intervention plan introduced to school • Receive Installation Approval letter from school	1st quarter	• Inter-state and city travel, risk of covid-19 infection • Multiple visits to schools and getting permission
Baseline survey	• A thorough knowledge about various conditions, needs and its interventio n for school.	• to understand problem & need by gathering information on the status quo of the school	• Preparing baseline question tool • Visit by PIA to conduct baseline survey on student and teachers • Identify 1 room for MSC installation • Baseline report created with analysis	1st quarter	
MSC installation	• MSC installation in room of 80 models with 33 back-drops and manuals in regional language	• To provide hands-on experience for learning/teach ing Science and Mathematics for Class 5 through 10. • Maximise Learning experience through practical approach • Explains 150 + concepts with depth clarity	• Install tables and 80 plugs • Transport 80 models to school • MSC models testing and function check • Inauguration of MSC with Clients, BD and PIA	1st Quarter	• Long distance travel with MSC models transport from warehouse
Teacher Training Program - TTP	• Call and TTP scheduling by PIA • Training Through PPT of MSC models • Benefits • Best usage • Maximum utilization • Models & concepts it explains in simpler way • Benefits & takeaway	• Teachers empowered with innovative teaching aids • Teaching time reduced to 50-60% • Complex concepts taught easily • Active engagement of students in class • Replace rote-based learning to practical-based approach for	• TTP will be scheduled • TTP with PPT will be conducted • Feedback & suggestion from teachers • TTP report created for documentation	1st quarter	• **Risk:** Absentees • **Mitigation:** Constant update of MSC benefit will be communicated.

	of MSC will be highlighted • Question – answer and queries will be resolved	sustainable knowledge			
MSC- Maintenance	• PIA along with MSC technical person, free maintenance drive is conducted. • Aim: Learning shouldn't stop, student can use MSC independently	• Continuous and Maximum utilization of MSC for sustainable use	• Quality check of MSC by Team technician • Repair and place if needed • Maintenance report created • MSC model utilization register maintained	3rd quarter	
Midline Survey	Survey to understand the impact of MSC on students and teachers academic learning and teaching achievement	• By then the impact on students: - explore their talents, apply theory knowledge to practice, gain essential skills, develop analytical & critical thinking	• Prepare midline M&E questionnaire • PIA will schedule date & time for M&E • M&E conducted with teachers and students • Report of midline report created with analysis		
Refresh Teacher Training Program - RTTP	• Improve & enhancement of teacher's skills • Techers empowered with innovative teaching aids to explain concepts with each • Benefits & takeaway of MSC will be highlighted	• Learning and using innovative teaching aids for quality teaching and better understanding of subjects • Reduces stress and completes syllabus on time • Class will be more interactive as students will take keen interest to learn science and math	• RTTP scheduled • RTTP with PPT will be conducted • Feedback & suggestion from teachers • TTP report created for documentation	3nd quarter	

	• Training to refresh best usage of MSC for maximum utilization				
MSC - Monitoring & Evaluation	• To understand student's needs and improve for Opportunities & innovative ideas for maximum learning.	• Students will be confident and empowered through new skills gained. • Reduced future academic anxiety. • Opportunities to explore one's potential Peer to peer learning and support	• Google form for M&E • Qualitative feedback through interview. • Quantitative data analysis	4th quarter	
Client Visit to MSC established school	• Coordinate and arrange visit to client's CSR funded school	• The client will witness themselves the impact created through MSC installation • Transformation in skills knowledge and self-confidence	• Annual Report • Annual PPT • Videos of impact and students' achievement – Client wise & School wise	1rd and 4th quarter	

10. Monitoring Mechanism of the Project:

Project Indicators	Means and frequency of verification
Quantitative: • **Target achieved as per indicators** • **Facilitating Volunteer Engagement**	Project specific Log Frame Matrix will be provided.

11. Particulars of the work to be done along with tentative costs:

Sl. No.	PARTICULARS	Units	Total Units	Per Unit Cost (approximate)	TOTAL (in Rs)
1	MINI SCIENCE CENTRE (80 MODELS + 80 USERS PLACARD+ 37 COLOURFUL BACKGROUNDS + 1 SAFETY PLACARD + 1 TEACHERS MANUAL+ 1 GATE BANNER INCLUDES INSTALLATION & DELIVERY)	1	10	4,33,400	43,34,000
2	TRAINING OF TEACHERS (TTP) (TEACHERS TRAINING PROGRAMME -2 (FRESHER TEACHERS TRAINING PROGRAMME - FTTP & REFRESHERS TEACHERS TRAINING PROGRAMME - RTTP	1	10	47,200	4,72,000
3	MONITORING & EVALUATION(TOTAL - 2 VISITS IN INDIVIDUAL SCHOOLS TO CONDUCT BASELINE & ENDLINE SURVEY)	1	10	47,200	4,72,000
4	INFRASTRUCTURE(SET UP OF PLATFORMS & ELECTRIC CONNECTIONS)	1	10	47,200	4,72,000
5	GST(18% of 1+2+3+4)	1	10	1,03,500	10,35,000
Total					67,85,000

The Annual Maintainance Cost(AMC) is free for 1st Year, post it will be charged Rs.47,200 per school exclusive of GST.

12. Diagram or LOP of the project- Mentioned in sl no.8

13. The Outcomes/Result expected out of the project-

- Improvement in aptitude of students for learning science and mathematics by creating simple, child friendly eco system which is fun and enjoyable
- Empowers teachers with easy teaching aids
- Improvement of teachers' pedagogical skills by use of models leading to innovation in teaching
- Increased enrolment and interest in STEM-related courses in school
- Continuous participation in STEM programming
- Increased self-confidence of students in tackling Science & Math problems
- Shift in attitude about careers in STEM
- Increased test scores as compared to non-participants
- Increased knowledge of science & math-based concepts
- Boost in 21st century skills- including communication, teamwork and analytical thinking
- Higher likelihood of graduating in and pursuing a STEM career
  Peer to Peer Learning

14. Conclusion:

The Mini Science Centre is need of the hour which has the best capability to gain parallels as per the NEW EDUCATION POLICY by the Central Government. It will bridge gaps and bring benefits to the teachers and students and community as a whole.