



পশ্চিমবঙ্গ পশ্চিম বঙ্গাল WEST BENGAL

AS 695472

MEMORANDUM OF UNDERSTANDING / SERVICE AGREEMENT

THIS AGREEMENT ("AGREEMENT") IS MADE ON THE DATE OF LAST SIGNATURE

BY AND BETWEEN

STEM LEARNING PVT. LTD., a company incorporated under Companies Act, and having its registered office at 12th Floor, Marathon ICON T205, Marathon Nextgen Campus, Opp. G.K. Marg, Lower Parel(W), Mumbai-400013, India, hereinafter referred to as "SERVICE PROVIDER", which expression shall unless repugnant to the context shall mean and include its successors and permitted assigns of the ONE PART;

For Punjab Chemicals And Crop Protection Ltd.


YASH VARDHAN TRIPATHI
Assistant Vice President (HR & ADMIN)





AND

Punjab Chemicals and Crop Protection Limited (hereinafter referred to as "PCCPL"), having its registered office at Milestone 18, Ambala Kala Road, Village & P.O. Bhankharpur, Derabassi, Distt. SAS Nagar, (Mohali), Punjab-140201, which expression shall, unless it is repugnant to the context or meaning thereof, shall mean and include its successors and permitted assigns) of the OTHER PART;

Service Provider and PCCPL shall individually be referred to as 'Party' and collectively as 'Parties'.

WHEREAS:

1. PCCPL is a listed company manufacturing agrochemical, specialty chemicals, industrial and other chemicals and is engaged in various social welfare initiatives as a core belief and to create a positive impact on society. PCCPL as part of its Corporate Social Responsibility (CSR) initiative undertakes many development and social welfare work which inter alia include creating better quality of life for vulnerable communities through health, education and employable skills projects in the communities in accordance with Section 135 and Schedule VII of the Companies Act, 2013.
2. SERVICE PROVIDER has represented to PCCPL that they are in the business of providing quality education to children through basic concepts of STEM education and have the expertise, requisite trained and experienced resources, and relevant infrastructure and financial capacity to provide the Services under this Agreement.
3. SERVICE PROVIDER agrees to provide the Services to PCCPL for a valuable consideration and PCCPL agrees to receive the Services, both Parties having consented has agreed to terms and conditions of this Agreement and as appearing herein under;

NOW THEREFORE THIS AGREEMENT WITNESSETH AND BOTH PARTIES HERETO AGREE AS UNDER:

1. TERM OF THIS AGREEMENT

This Agreement shall be valid for a period effective from **1st January 2025 to 31st Day of December 2025** unless terminated in accordance with the provisions of this Agreement.

2. SCOPE OF SERVICES

- 2.1 SERVICES: SERVICE PROVIDER shall be providing technical Partnership for establishing the Mini Science Centre at the identified govt. school: (School Details as **ANNEXURE-I**) targeting the students from standard 5 to 10, more fully detailed in **ANNEXURE A** to this Agreement (hereinafter "Services"). The objective of the project is to clear the basic understanding of Science & Math concepts to the students and also make them understand the application of science in day-to-day life by giving them a hands-on approach with the help of the science models.
- 2.2 SERVICE PROVIDER shall be responsible for the mobilization of candidates and for this purpose provide a Teacher's Training Program (TTP) for better mobilization of the students and will be monitoring the project for - 12 months viz. **1st Day of January 2025 to 31st Day of December 2025** to ensure proper utilization of the project and mobilization of the students.
- 2.3 SERVICE PROVIDER shall provide the Services using its own staff/employees and shall not subcontract the work of providing the Services to a third Party without prior information and approval from PCCPL.

For Punjab Chemicals And Crop Protection Ltd.


YASH VARDHAN TRIPATHI
Assistant Vice President (HR & ADMIN)





2.4 SERVICE PROVIDER shall provide PCCPL such other Services as required by PCCPL from time to time and mutually agreed by the Parties to this Agreement by way of separate writings between the parties hereof

2.5 In performing the terms and conditions of this Agreement, SERVICE PROVIDER shall at all times be an Independent Contractor. This Agreement does not in any way create a relationship of principal and agent between PCCPL and the SERVICE PROVIDER.

2.6 Advice and provide consultation services to PCCPL regarding various safety and precautionary measures that may be required in relation to the devices, equipment, accessories, system etc. for which the Services are Provided.

3. COVENANTS OF SERVICE PROVIDER

SERVICE PROVIDER shall:

3.1 Provide the Service and as specified in Annexure A as and when required by PCCPL. However, both Parties shall mutually discuss and agree upon any other days/hours of work on a case-to-case basis from time to time.

3.2 Solely responsible for any defect, damage, loss, etc. caused to PCCPL's property including the devices, equipment's, accessories, systems, etc. in respect of which the Services shall be provided by SERVICE PROVIDER as a result of any acts, omissions, commissions, defaults, negligence's, etc. whatsoever on the part of SERVICE PROVIDER including of its employees/staff.

3.3 Repair and remove any defects and damage caused on account of normal wear and tear of devices, equipment, accessories, systems, etc. in respect of which the Services shall be provided.

3.4 Ensure that they have with them all the tools, parts, testing equipment, accessories, equipment's, accessories, systems, etc., well before actually providing the Services to PCCPL. PCCPL shall not be responsible in any manner to provide the same to SERVICE PROVIDER.

3.5 Be responsible for the safekeeping of its own tools, equipment's, testing equipment, systems, etc. brought in PCCPL's offices/branches for the purpose of providing Services.

3.6 Provide PCCPL a report relating to the work done and the Services provided.

3.7 The staff/employees of SERVICE PROVIDER involved in providing the Services to PCCPL shall remain the employees of SERVICE PROVIDER and shall in no circumstances claim, represent or act as staff/employees of PCCPL. As their employer, SERVICE PROVIDER shall be solely responsible for the payment of wages/salaries, and statutory benefits if any of its employees/staff are involved in providing the Services to PCCPL at its offices/premises. Such staff/employees shall not be below the age of 18 years.

3.8 Ensure that while providing the Services the SERVICE PROVIDER and or its employees/staff providing the Services follow PCCPL's code of conduct and safety policies which shall be provided by PCCPL from time to time. PCCPL shall inform the SERVICE PROVIDER of any acts of misconduct by its staff/employees providing the Services immediately and discuss the action/steps to be taken. In the event of violation of the Code of Conduct such staff/employee, the same shall be intimated to the SERVICE PROVIDER through its designated person in charge for necessary action by the SERVICE PROVIDER.

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Assistant Vice President (HR & ADMIN)


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- 3.9 PCCPL, through its designated personnel, shall inform the designated person in charge of the SERVICE PROVIDER for withdrawal of any of its employee/staff providing the Services in case of theft, fraud, acts that constitute moral turpitude, etc., PCCPL shall brief the Services Provider on the full details in such cases for the SERVICE PROVIDER to take appropriate action.
- 3.10 The SERVICE PROVIDER and or its employees/staff providing the Services to PCCPL shall have no claims whatsoever against PCCPL and should PCCPL have to bear any cost due to the failure of the Services Provider to fulfil their obligations, the same shall be recovered from the amounts due to the SERVICE PROVIDER. The Services Provider shall obtain the necessary insurance policy to cover their employees/staff involved in providing the Services against injuries, death, and for any claims arising under the Workmen Compensation Act. The Service provider shall from time to time, keep the said policy renewed and furnish a copy to PCCPL forthwith of the same been renewed.
- 3.11 Not sub-contract this Agreement or any part thereof to a third party without prior written permission from PCCPL.
- 3.12 Only depute those of its employees/staff with the necessary skill, experience, training, etc. for providing Services to PCCPL.
- 3.13 keep its employees/staff at PCCPL'S offices/branches briefed on the work requirements of such employees/staff and ensure Services as defined in the Scope of Work.
- 3.14 Supervise and facilitate its employees/staff relating to the Services to be provided. PCCPL on its part may decide to inspect the work done during and after the Services are provided.
- 3.15 Provide funds utilization certificate on completion of the project in line with CSR activities.

A. Details of the proposed project

1. Rationale:

The education system in India is undergoing a transformational process with special emphasis on Science and Math's education. Science education in India is faced with various practical challenges today. The first and the most basic problem that has persisted and resisted solution since early education is our inability to ease the fear of difficult subjects such as science and math's and make them simple and fun to help retain the knowledge and strengthen the foundation of the child for future.

We aim to provide the Mini Science Centre – (MSC) that supports and encourages the students to develop aptitude & skills. Science activities are done to stimulate curiosity, provide practical opportunities to explore a concept in easy ways, and develop appropriate hands-on experience in understanding science and its concepts which is sadly absent today across all our education syllabus. More so with inadequate teaching staff in rural, municipal schools which are for underprivileged children adds to the existing challenge in the education system.

MSC will be a permanent and integral part of the school and academics right from its installation. The models designed for MSC forms the basis for effective education and a better understanding of the academic concepts and their practical applications. Principally these models are:

- For all students from standard 5 to 10.
- Active, interesting, and relevant to students.
- Reflect current research and practices that are curriculum based.
- Integrate skills from different subjects of Science and Mathematics and
- Incorporate teaching staff training in Science and Math teaching.

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- Based on ongoing assessment of student needs and progress.

2. Project Objectives:

Objective of the program is –

- * Aptitude of students for learning science and mathematics improved by creating child friendly eco system which is fun and enjoyable.
- * Empowering teachers with easy teaching aids.
- * Improve teaching pedagogy by use of models in conducting the science and math's class through better engagement of teachers in teaching.
- * Aptitude foundation laid for Science and Math's educational consolidation.
- * Easy to Set Up, Use & Maintain
- * Digital Empowerment of Teachers
- * Simple Hardware & Android Operating System
- * Curriculum Aligned Digital Content in Local Languages
- * Integrated Reporting & Central Monitoring for Impact Outcomes

3. Methodology (Approach for Implementation- Elaborate on the specific activities that will be undertaken to achieve the project objectives.)

School Identification:

PCCPL will identify the school - in and around Derabassi / Lalru, Distt Mohali (SAS Nagar), Punjab for the Mini Science Center with the following criteria.

- School should be from standard 5th to 10 and with CBSE affiliated education system and Hindi Language (Vernacular) as a medium of learning.
- Beneficiaries from school are from the underprivileged sector.
- Schools lacking basic science learning infrastructure.
- Schools with a minimum enrolment of 250 - 300 students.
- Schools with a minimum space of 350 sq. ft. to establish the classroom
- Schools willing to maintain and ensure optimum utilization of the equipment given
- School undertakes the ownership of the Mini Science Centre, and has given necessary permissions on their school letterhead.

Infrastructure Creation: The knowledge partner will create the infrastructure in the school with a Wall-mounted tabletop 18mm particleboard (BSL) 104 running feet, clipping underneath, switches with tripper & wiring to place Mini Science Centre Models in the classroom which will be provided by the school.

Mini Science Centre Installation: Our knowledge partner will be establishing a Mini Science Centre in every school and that will include the following:

1. 80 Mini Science Centre Models.
2. 80 User Manuals.
3. 37 Colourful Backdrops.
4. 1 Safety Manual & Teaching Manual.

Teacher Training Program: First Teachers Training Program (TTP) -

1. 1st Teachers training program is undertaken within 2-3 weeks from the installation.
2. Trainer's team to get in touch with the school authorities-Principal & Teachers then schedule the training date & venue.
3. 72 hours before the TTP, reconfirmation is taken from principal and teachers.

The training consists of the following:

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- 1) Orientation of Models
- 2) Usage as per the concepts.
- 3) Mapped document of model with curriculum.
- 4) Establish topics and used as per the timetable
- 5) Explaining the follow up process for any queries through Phone calls and WhatsApp support group formation.
- 6) Updating the MSC Register, as the models are plug and play, it can be demonstrated in class for concept clarity.
- 7) Identify and prioritize issues to be dealt by teachers.
- 8) Set up goals for best practice documentation.
- 9) Inform about the Monitoring & Evaluation visit and process.

The documents supporting this activity are:

- a. Call sheet
- b. WhatsApp group snapshot.
- c. Goal set document for output.
- d. Teachers' attendance sheet of training.
- e. Pictures and Videos

All the above process is documented in the report titled "1st Teachers Training Report"

• Monitoring & Evaluation:

The process is elaborated below in the "Monitoring Mechanism".

Annual Maintenance: Knowledge Partner shall provide the maintenance and that will undertake the following:

1. Repairing and Replacement of Mini Science Centre Model if required.
2. Re-clean the premises.
3. Oiling in all the Models
4. The free maintenance is for 1st year only, year 2 onwards will be charged.

• Monitoring Mechanism

Please define team responsible for monitoring, frequency, type of MIS to be maintained related to monitoring

By this, a thorough knowledge about various conditions, needs, and intervention for school is checked. It is generally conducted within 4-5 weeks of the 1st TTP.

Baseline questionnaires is prepared for students based on their curriculum taught as per their standard. Our team i.e. Project Implementation Associate visits and conducts the baseline survey on teachers and students both.

The M&E consists of collecting data on:

- No. of students per Class/division.
- Foundational skills for progressive improvement.
- Gender segregation.

The Principal and teachers questionnaire will be qualitative while for the students, it will be quantitative and qualitative with Focused Group Discussion (FGD).

The students' quantitative tools will include:

- 1) Fill in the blanks.

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- 2) Match the columns.
- 3) Questions and 3 options.
- 4) Pictorial identifications of models.

The documents supporting this activity are:

- 1) Call sheet.
- 2) WhatsApp group snapshot.
- 3) Questionnaires
- 4) Notes of FDG.
- 5) Pictures and Videos (if possible).
- 6) Raw data in excel.
- 7) M&E Report.

2nd Monitoring & Evaluation Visit

Generally conducted 6-8 weeks after the maintenance visit.

Qualitative: FGD and IDI (In-depth interview) lead questions will be framed for students on actual usage in class and MSC.

The same process is followed for 2nd M&E as explained in the 1st M&E visit.

The 2nd M&E will be the 1st year baseline and based on the goal set, data will be captured in the 2nd set of questionnaires, which will be developed.

There port will be known as "2nd Monitoring & Evaluation Report (1st Years baseline)".

Few Important points in relation to the Monitoring and Evaluation

The Snowball technique is selected to identify output, outcome & impact of the project. Four times in a year the data is collected by the M&E team through Focus Group Discussion & Interview Method. The data is recorded in excel sheet and is presented in tables, charts in descriptive format as per the requirement.

Parameters checked during the M&E Process

M&E Parameters		
Sr. No.	Teachers Parameters	Students Parameters
1	Usage of the MSC in school	Students' awareness on MSC
2	Installation	Students visits in MSC & Handling the Models
3	Teacher training program Impact	Students able to explaining the models
4	Teachers Trained	Students Feedbacks

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Assistant Manager - Resident (HR & ADMIN)





5	Need of additional training /Refresher Teacher training report	
6	WhatsApp activity Group	
7	Usage of Models (Taken in class/students MSC usage)	
8	Items provided by STEM	
9	School Maintained stock register	
10	MSC Neat & Clean	
11	MSC Registers Maintaining	

Methodology

- Research type: Primary Research.
- Frequency of data collection: 2 times in a year.
- Variables used: Teachers, location, students and standard etc. Sampling: Random sampling.
- Mode of data collection: Focus Group Discussion (FGD)/Questionnaire.

Outcomes/Result expected –

- Improvement of aptitude of the students in regard to science and mathematics
- Development of inquisitiveness, critical thinking, problem-solving skills, and creativity of students
- Enhancing the skills of teachers by training them to teach in a practical manner
- Improve teaching pedagogy by use of models in conducting the science and math's class through better engagement of teachers in teaching.
- Strengthening of concepts of Science and Mathematics.

Impact Assessment

- Monitoring Evaluation: Undertake M&E activities for baseline data. M&E team visit twice a year
- Reports to measure and encourage teachers for the maximum usage of MSC
- Closely evaluate the students to monitor their interest

b. Provide information in following table:

Particulars	Description	Indicators	Frequency Monitor to	Source of Information
Activities				
School identification & need assessment	Identify suitable government schools and assess the need for MSC installation.	- Number of schools identified and assessed.	Once during project initiation.	Need assessment reports, selection records.
MSC installation	Install 80 plug-and-play science and math models in identified schools.	- Number of MSC installations completed on schedule.	Once installation completed	Installation reports, photographs, feedback and acknowledgement letters from schools.

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ASHU VARDHAN
Asst. Mgr. Resident (HR & ADMIN)


Manu Shankar
STEM LEARNING PRIVATE LIMITED
MUMBAI

Baseline study	Conduct a baseline study on students' and teachers' understanding of science and math concepts.	-Baseline completed for X students and Y teachers in Z schools.	Once after installation.	Baseline study reports, teacher and student surveys.
Teacher training	Provide full day initial training to science and math teachers on utilizing MSC models effectively.	- Number of teachers trained.	Post-training after each session.	Training records, feedback form, attendance sheet
Refresher training	Conduct refresher training 4-5 months after installation to reinforce learning and check implementation status.	- Percentage of teachers attending refresher training.	Once, 4-5 months post-installation.	Refresher training attendance records, feedback from teachers.
Annual maintenance	Conduct maintenance visits to ensure all MSC models are in working condition.	- Percentage of schools with fully functioning models after maintenance.	Annual visit	Maintenance reports, feedback from schools
Outputs				
MSC models installed	80 models installed in each identified school to enhance hands-on science and math learning.	- Number of models installed in each school.	Post-installation.	Installation records, photographs.
Teachers trained	Teachers trained on using MSC models to deliver practical lessons.	- Percentage of trained teachers demonstrating effective model usage.	After training and refresher training.	Training evaluations, classroom observations.
On-going teacher support	Continuous support provided via WhatsApp group for model utilization.	- Number of WhatsApp group interactions and queries resolved.	Monthly check-ins.	WhatsApp group activity logs, feedback from teachers.
Maintenance completed	All MSC models are in working condition through annual maintenance visits.	- Percentage of models functioning post-maintenance.	Annual maintenance.	Maintenance reports, feedback from schools.
Impact				
Improved student learning	Enhanced science and maths learning through practical engagement with MSC models.	- Percentage of students demonstrating improved science/math understanding.	Baseline and end-line studies.	Baseline and end-line study reports, teacher feedback, test scores.

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 Assistant Vice President (HR & ADMIN)

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 HARBHAI GHOSKE
 LEARNING PRIVATE LTD
 MUMBAI

Increased teacher effectiveness	Teachers effectively use MSC models to teach science and maths concepts in a hands-on manner.	- Percentage of teachers integrating models into lessons effectively.	Post-training evaluations	Photos and videos of model utilisation shared in WhatsApp group
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c. Top five targeted project goals to be achieved in the current financial year:

Project Goals	Status at the start of project cycle	Targeted to be achieved at the end of project cycle
01-Improvement in student engagement in science	40% of students show active participation	70% of students actively engage in science and maths classes
02-Teacher capacity building on using MSC tools	No teachers trained in MSC usage	100% of science and maths teachers confidently using Mini Science Centre models
03-Increase in practical learning sessions	Students were not learning science and math in a practical manner	Teachers will conduct practical science and maths sessions using MSC models
04-Improvement in science grades among students	Average science scores are at 55%	Average science scores increase to 65%

4. PCCPL'S CONVENANTS

PCCPL shall

- 4.1 immediately inform SERVICE PROVIDER if a Service-related requirement arises and SERVICE PROVIDER shall promptly provide the Services.
- 4.2 PCCPL shall provide the SERVICE PROVIDER details of its designated personnel for the purpose of this Agreement from time to time.

5. COMMON OBLIGATION OF PARTIES

- 5.1 Both Parties shall coordinate with each other for providing information, details, etc. required for the purpose of SERVICE PROVIDER to provide the Services under this Agreement.
- 5.2 Both Parties shall mutually discuss and agree the terms and conditions, considerations, etc. upon any further services required by PCCPL from time to time.
- 5.3 Both Parties shall provide each other details of their authorized personnel who shall co-ordinate with each other for the purpose of this Agreement.

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Assistant Vice President (HR & ADMIN)


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6. CONSIDERATION

6.1 In consideration of the Services provided by Service Provider, PCCPL shall make payment for the Services received at the rates given in Annexure- B, and applicable GST shall be paid extra by PCCPL. The Service Provider shall raise invoice for the Services to be provided under this Agreement as per the consideration agreed herein. Upon receipt of the undisputed invoice, PCCPL shall verify the amounts stated in the invoice and shall endeavour to pay amounts in the invoice within 7 / 15 days of the receipt of the invoice by way of cheque / NEFT/RTGS to the bank account of the Service Provider as communicated to the PCCPL in the relevant invoice. All the payments by PCCPL shall be subject to deduction of applicable taxes.

7. DISPUTE RESOLUTION

Any dispute, controversy or claim arising out of or relating to this agreement, or the breach, termination or invalidity thereof shall be settled by reference of dispute to Arbitration conducted in accordance with the Arbitration and Conciliation Act, 1996. The place of arbitration shall be Chandigarh. The language used in the arbitral proceedings shall be English.

8. CONFIDENTIALITY

The Parties agree to maintain confidentiality and shall not disclose to any third party, any confidential information related to the governance, financial management, business or programmes under Service Agreement, without seeking prior consent of the other party to this Agreement. However, this restriction shall not apply where the information is required under a legal obligation to any Court or to a Government authority. Further parties agree to restrict access to such Confidential Information to such of its employees who have a need to know it to effectuate its rights and obligations under this Agreement.

9. FORCE MAJEURE PROVISION

None of the parties shall be responsible for delay or failure to perform any part of this Service Agreement when caused by events or circumstances outside the control of each party, including but not limited to acts of God, fire, flood, war, sabotage, terrorism, embargo, civil commotion, acts or omissions by a government entity, power or communication failures not caused by the parties. No party shall be deemed in violation of this Service Agreement if it is prevented from performing any of its obligations hereunder due to strikes, failure of public transportation, civil or military authority, act of public enemies, accidents, fires, explosions, acts of God including, without limitation earthquakes, floods, winds, or storms. In such an event the intervening cause must not be through the fault of the party asserting such an excuse.

10. TERMINATION

PCCPL may terminate this agreement after giving the due notice of 30 days to Service Provider in case of the following:

In the event of violation of any of the provisions specified in various clauses of this Agreement that lead to a conflict which may affect the objectives of the programme, at any time of this Agreement period.

The Service Provider to ensure completion of the assigned activities as PCCPL is taking services from the Service Provider towards compliance of CSR activities in accordance with Section 135 and

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Assistant Vice President (HR & ADMIN)


Meera Shankar



Schedule VII of the Companies Act, 2013 and is required by law to get completion certificate for the payment made to the Service Provider.

If the Service Provider, is unable to comply with the obligations of the agreement, they are entitled to make the payment of the remaining amount which remains unspent and or spent amount, to provide certificate / proof / receipts to enable PCCPL to comply with the CSR requirements.

11. STATUTORY COMPLIANCE

Service Provider shall be solely liable for all statutory compliance for applicable laws of land in respect of the project and hereby indemnifies PCCPL for all non-compliances thereof, if any.

IN WITNESS OF THE ABOVE the authorised representatives of the Parties have signed and dated this Agreement as follows:

**Signed and duly authorized for and on behalf
of PCCPL:**

Signature: 

Witness:

Name: Yash Vardhan Tripathi
For Punjab Chemicals And Crop Protection Ltd.

Signature: _____

Designation: AVP-HR
YASH VARDHAN TRIPATHI
Assistant Vice President (HR & ADMIN)

Name: _____

Date: 02-01-2025

Designation: _____

**Signed and duly authorised for and on
behalf of STEM LEARNING PVT. LTD.:**

Signature: 

Witness:

Name: **Ms. Meera Dhanuka**

Signature: _____

Designation: **Associate Vice President**

Name: _____

Date: _____

Designation: _____

ANNEXURE -I SCHOOL DETAILS

School Name: - Sardar Gurnam Singh Saini School of Eminence, Dera Bassi

ANNEXURE A SERVICES

MINI SCIENCE CENTRE		
Sl. No	Component	STEM Learning
1	Mini Science Center	80 models + 80 users Placard + 37 colourful backgrounds + 1 Safety Placard + 1 Teacher's Manual + 1 Gate Banner. Includes installation and delivery
2	Infrastructure	Infrastructure for the science centre will be set up by STEM
3	Support	Train existing science and computer teachers
4	Admin and Management	Service Provider
5	Training - Science Centre	2 Trainings - fresher and refresher at each location
6	Monitoring and Evaluation	2 visits - baseline and endline + online support throughout the year and even after project completion
7	Annual Maintenance	From second year (optional)

DELIVERY/ COMPLETION TIME:

1. The infrastructure will reach the location within 30 days from the signing of the Agreement.
2. Models will be delivered within 10 days from completion of the infrastructure setting.
3. Teacher's training will be done within 14 days after the entire setup of infrastructure & Models.

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YASH VARDHAN TRIPATHI
Assistant Manager - Resident (HR & ADMIN)





TIMELINE OF THE PROJECT

Mini Science Centre												
Activities	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12
MOU												
Mini Science Centre School Identification												
Need Assessment												
Mini Science Centre Installation												
Mini Science Centre Awareness												
Program Offerings Orientation												
Fresh Teacher Training Program (FTTP) Cluster												
MSC Utilization/ Best Practice												
MSC Maintenance												
Refresh Training Program (RTTP) Cluster												
M&E												

• Project Sustainability:

The Mini Science Centre is sustainable project which is robust and dynamic due to design planning with teacher as the back bone of deliverance and by ensuring regular teachers training program, strengthening the same with supportive learning tool by way of videos of models as well strong M&E.

1. PROGRAMMATIC SUSTAINABILITY:

The programmatic sustainability is achieved by undertaking the following actions:

- MSC is replicable and scalable program.
- Zero Operation Cost.
- MSC the very basic requirement of the schools to support its existing syllabus.

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Assistant Vice President (HR & ADMIN)





- A vibrant network of Peer lead teachers will be available for sustainability.

2. FINANCIAL SUSTAINABILITY:

With no infrastructure set up cost post 1st year, if needed Training +M&E and annual maintenance cost support can be provided on request for year two onwards for basic support of the Program. The same will be discussed and agreed upon in writing by both the parties by extension of this agreement or by executing a separate agreement.

We ensure programmatic sustainability from day 1 as the Mini Science Centre is part of the school from day 1- and the infrastructure is owned by the school, as MSC is within the school premises and has 24X7 access to teachers and students to visit and use the models for better learning, the students can also do self-learning by way of viewing the posters and placards that are in Hindi, Punjabi & English language learning is a continuous ongoing process with the MSC and the school's encouragement to student to visit/utilize the models enhances their aptitude to learning.

School Principal and teachers play an integral part in ensuring sustainability which we oversee during the Teachers Training and M&E activities. The trainer to create a whatsapp group and keeps providing specially designed videos to teachers for better clarity, all this propels the program towards sustainability.

The program sustainability success is by ensuring timely activity intervention which will provide confidence to the donor to scale up the program to add more schools to the ongoing program, the existing teachers become our Peer lead trainers who are supported by our Trainers, the student's aptitude change encourages other school students to be better at studies as an inherent healthy competitive environment is created.

3rd year we would have in place peer lead teachers to train others as well as some of the students can be mentors to other students from the lower class leading to student led peer mentorship.

STEM Learning provide Refresher Teacher's Training Programme (RTTP) in case new teacher is assigned in the school.

Our program is designed by having a clear exit strategy in mind & thus our emphasis is to have a proper handholding & capacity building of teachers to use teaching aids.

Mini Science Centre enhances the very basic requirement of the schools to support its existing syllabus. Pedagogy transformation is achieved by shifting from the chalk & board teaching to hands on teaching with teaching aids.

There is no separate operating cost involved thus the ownership transfer is achieved to the full extent.

Since the students & teachers have adopted & adapted to these new learning & teaching techniques in which their basic fundamentals are clear. Thus, there is a natural tendency to take ownership & belongingness for the program

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**ANNEXURE- B
FINANCIAL STRUCTURE**

SR.NO	ITEM	DESCRIPTION	COST	NOS OF SCHOOLS	TOTAL
1	MINI SCIENCE CENTRE	80 MODELS + 80 USERS PLACARD+ 37 COLOURFUL BACKGROUNDS + 1 SAFETY PLACARD + 1 TEACHERS MANUAL+ 1 GATE BANNER INCLUDES INSTALLATION & DELIVERY	3,67,288	1	3,67,288
		TAXES @ 18%	66111.84	1	66111.84
		TOTAL	4,33,400	1	4,33,400
2	TRAINING OF TEACHERS (TTP)	TEACHERS TRAINING PROGRAMME - 2 (FRESHER TEACHERS TRAINING PROGRAMME - FTTP & REFRESHERS TEACHERS TRAINING PROGRAMME - RTTP)	40,000	1	40,000
		TAXES @18%	7200	1	7200
		TOTAL	47,200	1	47,200
3	MONITORING & EVALUATION	TOTAL - 2 VISITS IN INDIVIDUAL SCHOOLS TO CONDUCT BASELINE & ENDLINE SURVEY	40,000	1	40,000
		TAXES @ 18%	7200	1	7200
		TOTAL	47,200	1	47,200
4	ANNUAL MAINTENANCE CONTRACT	CLEANING SERVICING & IF REPLACEMENT (if any)	40,000	1	40,000
		TAXES @ 18% (cost applicable from second year)	7,200	1	7200
		TOTAL	47,200	1	0
5	INFRASTRUCTURE	SET UP OF PLATFORMS & ELECTRIC CONNECTIONS & WHITE WASH	55,000	1	55,000
		TAXES @ 18%	9,900	1	9,900
		TOTAL	64,900	1	64,900
TOTAL (1+2+3+5)			5,92,700	1	5,92,700
NET COST FOR PER SCHOOL (1+2+3+5)			5,02,288	1	5,02,288
GST @ 18%			90,412	1	90,412
TOTAL COST INCLUDING GST			5,92,700	1	5,92,700

INR Five Lakhs Ninety-two Thousand and Seven Hundred Only (inclusive of GST)

For Punjab Chemicals And Crop Protection Ltd.


ASH VARDHAN TRIPATHI
Assistant Vice President (HR & ADMIN)




PAYMENT TERMS:

1. 80% advance payment to be made within 15 days of signing of the MOU /-Service Agreement upon raising of bill by the SERVICE PROVIDER. The payment is subject to applicable TDS.
2. 20% payment on completion of Installation and upon raising of bill and providing of completion certificate and other necessary proofs of completion of activity.

For Punjab Chemicals And Crop Protection Ltd.


YASH VARDHAN TRIPATHI
Assistant Vice President (HR & ADMIN)



