Memorandum of Understanding

Objective: To establish a strategic partnership between Reap Benefit Eco Solutions Pvt Ltd. (hereinafter known as “Reap Benefit”) and Avanti Fellows **for the purpose of working on Waste-Water and Sanitation solutions in Government and low income schools in Karnataka.**

**Reap Benefit Eco Solutions Pvt Ltd.**

Reap Benefit is a hybrid social enterprise founded in the year 2012 & registered in 2013. Reap Benefit, works with a mission to solve local environment & civic problems with young people in school, colleges & community. Reap Benefit believes in solving local problems with young people through local data, local customizable solutions & engaging the local stakeholders.

Reap Benefit has a specific focus to improve local environment & civic issues, like sanitation, water, waste, energy etc. which will directly-indirectly influence learning outcomes, attendance, better health & hygiene & above all developing important skills of problem solving, critical thinking, hands on problem solving amongst others.

Avanti Fellows

Avanti is an award winning non-profit organization established by IIT alumni in 2010 to provide an affordable, high-quality education to disadvantaged students aspiring to study at India’s top colleges. At present, Avanti has over 50 full-time employees & 100 volunteers, and supports over 2400 students in 16 locations across 3 government school systems spread over 5 states – Corporation of Chennai, Navodaya Vidyalayas and Haryana Government Schools.

At Avanti, a unique pedagogy is implemented called Peer Instruction that reduces teacher dependence and enables collaborative learning. Over the past 4 years, they have shown that their students outperform the most expensive after-school programs in the country at less than one-fourth the cost. Till date they have been able to send 102 students in top 100 engineering colleges of the country.

Purpose of Memorandum of Understanding (MOU)

Nearly 200 million school-days are lost every due to inadequate waste-water-sanitation facilities.

In addition, most schools are without sanitation facilities of functional facilities like access to water or dumping of garbage. There is no toilet block set aside for girls, parents often won’t allow their daughters to attend school. This fuels the discrepancy in primary school completion rates: one in four girls do not complete primary school, compared to one in seven boys. Just improving sanitation facilities or building toilets and providing water purifers etc; is not the remedy to the solution. Forming consistent behaviours and attitudes is one of the primary objectives of an effective school sanitation-health programme. It is important that children know about risks to their health and how to avoid these.

We hope to in partnership create a replicable model within the expanse to provide effective facilities, solutions and education to children through this programme.

Therefore this Memorandum of Understanding (“MOU”) is made on this 1 April 2017 between:

Reap Benefit Eco Solutions Pvt Ltd. (First Party)

521, 20th Main Road,

4th T Block,

Jayanagar,

Bangalore - 560041

AND

Avanti Fellows (Second Party)

16, Paschimi Marg,

Vasant Vihar,

New Delhi - 110057

1. PERIOD:

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This MOU is valid for a period of twelve months, from 1 April 2017 to 31 March 2018.

1. SCOPE:

Reap Benefit and Avanti Fellows partner under this MoU to enhance the learning opportunities for the children at the selected schools in Karnataka. Reap Benefit, the operational and community partner, has established and is implementing the education centre, while Avanti Fellows will serve as the technology and knowledge partner and will look at bridging ecosystem gaps that will ensure better quality education in the community.

1. ROLES & RESPONSIBILITIES OF Reap Benefit
2. Collect local data about the schools
3. Engage in the analysis of data collected
4. Co-develop local solutions with the students
5. Deploy and implement solutions in the schools
6. Engage with the local communities
7. Deliver on the project deadlines within the given timelines (refer Annexure)
8. Monitor and collect data about the impact
9. Serve as communication channel to ASHA and send regular updates
10. ROLES & RESPONSIBILITIES OF Avanti Fellows:
11. Take the grant from ASHA For Education Stanford
12. Coordinate the project activities
13. Serve as communication channel to ASHA and send regular updates
14. Support with ideation and system design
15. Provide periodic feedback on the design and usability of the solutions
16. Study the effectiveness of the deployed solution through regular observations.
17. Identify the other interventions required to improve the programme
	* OTHER TERMS & CONDITIONS:
18. This MOU shall contain the entire agreement of the parties. It may not be changed orally, but only by agreement in writing signed by both parties.
19. Notwithstanding anything to the contrary in these Terms, it should be noted that Avanti Fellows provides support to its partners to enhance their chances to provide quality service to the poor. Avanti Fellows’s sole intent is to create a service by way of sustainable technical, financial and operational solution. Avanti Fellows will not and cannot be held responsible for any conflicts that may arise between **ASHA For Education Stanford** and its partners/users of their services during this program. However Avanti Fellows will make every attempt to resolve such conflicts to the best of its ability and in the interest of all parties.

7. CONFIDENTIALITY:

Avanti Fellows and Reap Benefit will ensure that all information shared by each other is kept confidential and not disclosed to any third party. Such information shall only be disclosed to its employees/associates as may be required to provide the amenities as understood in this MOU.

8. TERMINATION:

Either Avanti Fellows or Reap Benefit may terminate this MOU without cause, by thirty (30) days’ prior notice in writing, by either email or registered post. However it is understood that both parties will make every attempt to resolve differences amicably before taking such action.

9. ANNEXURE:

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| **BUDGET** |
| **Component** | **Cost (INR)** |
| Total materials | 4,93,000 |
| Facilitator (1 years) | 3,60,000 |
| **Total** | **8,53,000** |

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| MONITORING PLAN |
| TIME | **RESOURCES/INPUTS** | **ACTIVITY/ ACTIONS** | **OUTPUT** | **OUTCOME/IMPACT** |
| Y2Q1 (Apr - Jun 2017) | HR - Facilitator and Designer | Redesign stakeholder engagement and solutions if needed | Updated stakeholder engagement content and solutions | Ready for implementation in 5 schools and re-engagement in 10 schools from previous year |
|  | Deploy new content/solutions in 10 old schools and 5 new schools  | Begin intervention in 5 new schools and reengage students in 10 old schools |  |
| Y2Q2 (Jul - Sep 2017) | HR - Facilitator and Designer | Deploy new content/solutions in 10 old schools and 5 new schools  | Begin intervention in 5 new schools and reengage students in 10 old schools | All schools on same page with solutions being deployed in all of them |
| Solutions (Waste, Grey Water, Sanitation) |  |  |  |
| Y2Q3 (Oct - Dec 2017) | Monitoring and Evaluation framework | Collect data from 10 schools on usage of solutions and behavior around them | Analyzable data about post implementation of solutions and kits | Data for Analysis |
| HR - Facilitator and Designer | Analyze Data from these schools | Data analysis reveals trends in behavior change and adoption of solutions | Validation of solutions and identification of need to change either solutions or stakeholder engagement method |
| Y2Q4 (Jan- Mar 2018) | HR - Facilitator and Designer | Make Report |  |  |
| Reward partners | Implement rewards from Reward partners | 10 schools which have bought in |  |

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| --- | --- | --- |
| TIMELINES FOR THE PROJECT |  |  |
| MONTHS FROM LAUNCH | KEY MILE STONE | KEY MILE STONE | KEY MILE STONE | KEY MILE STONE | KEY MILE STONE | KEY MILE STONE |
| **Project Deliverables** | **Facilitator** | **Designer** | **Sanitation System** | **Grey Water System** | **Waste Management** | **Rewards And Incentives** |
| Apr-17 | Training + Design solutions if needed |   | Design solutions/Maintenance support if needed | Design solutions/Maintenance support if needed | Design solutions/Maintenance support if needed |  |
| May-17 | Prepare for Round 2 of engagement |  |  |  |  |  |
| Jun-17 | Deploy Solutions and engagement program (5 schools new and reengage students of 10 old schools through reward based financing) |   | Implementing solutions | Implementing solutions | Implementing solutions |  |
| Jul-17 | Deploy Solutions and engagement program (5 schools new and reengage students of 10 old schools through reward based financing) |   | Implementing solutions | Implementing solutions | Implementing solutions |  |
| Aug-17 | Deploy Solutions and engagement program (5 schools new and reengage students of 10 old schools through reward based financing) |   | Implementing solutions | Implementing solutions | Implementing solutions |  |
| Sep-17 | Deploy Solutions and engagement program (5 schools new and reengage students of 10 old schools through reward based financing) |   | Monitor and collect data on impact | Monitor and collect data on impact | Monitor and collect data on impact | Deploy Solutions and engagement program (5 schools new and reengage students of 10 old schools through reward based financing) |
| Oct-17 | Monitor and collect data on impact in all schools |   | Monitor and collect data on impact | Monitor and collect data on impact | Monitor and collect data on impact | Identify Reward Partners |
| Nov-17 | Monitor and collect data on impact |   | Redesign solutions if needed | Redesign solutions if needed | Redesign solutions if needed | Reward Schools |
| Dec-17 | Analyze Data collected |  |  |  |  | Reward Schools |
| Jan-18 | Evaluating impact + Reward Based financing for the new 5 schools + Report Making |  |  |  |  |  |
| Feb-18 | Evaluating impact + Reward Based financing for the new 5 schools + Report Making |  |  |  |  |  |
| Mar-18 | Evaluating impact + Reward Based financing for the new 5 schools + Report Making |  |  |  |  |  |

For Reap Benefit For Avanti Fellows

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Name: Name:

Date: Date: