

Educational Videos for Mobile Science Lab – Phase II
Vidnyanvahini, Pune, Maharashtra

Category	Parameter Name	Data Provided by NGO
Project synopsis	Project name	Educational Videos for Rural High School Students – Phase II
	Project description	<p>As part of MSL's visit, we show appropriate material on VCD (earlier we used to carry VCR which has now become obsolete) to students. Some examples are function of heart, brain; space travel, Newton's laws in space, biology, atomic structure, superstitions and science (or sleight of hand) behind them. We have about a dozen such topics covered on VCDs. We are in search of more such material.</p> <p>We are seeking audio-visual material that can be used as part of our educational efforts. We only visit Marathi medium rural schools and most material is available in English. We have in the past dubbed such material in Marathi making it easy and interesting for the beneficiaries. Firstly we need to find suitable material and then dub it in Marathi. We seek your help in selection as well as dubbing costs. The material will remain property of the organization and will not be distributed.</p> <p>Some school systems in USA use supplemental material in the form of videos on science and math topics that may please be located and sent by ASHRAYA. Ideally, one idea should be covered in a 20-25 minute lesson and should be relevant to Indian environment. An example is a video called "powers of ten" by Eames. We will also keep looking for more material in India.</p> <p>In Phase I, ASHRAYA purchased an educational video series titled “World of Chemistry” from PBS, and got them dubbed into Marathi using the services of a video production agency in Mumbai. In Phase II, we would like to extend our educational curriculum to videos on biology and Physics. We have identified two video series geared towards high school education, titled “Cycles of Life” on Biology, and “Mechanical Universe” towards Physics.</p> <p>“Cycles of Life” is a 7 episode series of 60 minutes each, and “Mechanical Universe” is a 52 episode series of 30 minutes each. Our goal is to purchase the entire series of videos, but get only 4 episodes each dubbed into Marathi in this phase.</p>
	Period of time for which funds are requested (in months)	Over a 12 month period
	Total funding needed for project in \$	\$2,066
	Project funds sought from Ashraya (% of total funds)	100%
Other sources for funding (name the sources)	Internal (trust fund interest) source.	

Funding details	Delineation of usage of funds	<table border="1"> <thead> <tr> <th>Description of Item</th> <th>Cost Per Unit</th> <th># of Units</th> <th>Total (\$)</th> </tr> </thead> <tbody> <tr> <td>Educational Videos¹: Cycles of Life (7 x 60 Minutes)</td> <td>\$375</td> <td>1</td> <td>\$375</td> </tr> <tr> <td>Mechanical Universe (52 x 30 Min)</td> <td>\$549</td> <td>1</td> <td>\$549</td> </tr> <tr> <td>Dubbing (English to Marathi): Cycles of Life (60 Min Each)</td> <td>Rs. 7000</td> <td>4</td> <td>\$622</td> </tr> <tr> <td>Mechanical Universe (30 Min Each)</td> <td>Rs. 4500</td> <td>4</td> <td>\$400</td> </tr> <tr> <td>Duplication (3 Copies Each)</td> <td>Rs. 225</td> <td>24</td> <td>\$120</td> </tr> <tr> <td>Totals</td> <td></td> <td></td> <td>\$2,066</td> </tr> </tbody> </table> <p>1. Includes shipping and taxes</p>	Description of Item	Cost Per Unit	# of Units	Total (\$)	Educational Videos ¹ : Cycles of Life (7 x 60 Minutes)	\$375	1	\$375	Mechanical Universe (52 x 30 Min)	\$549	1	\$549	Dubbing (English to Marathi): Cycles of Life (60 Min Each)	Rs. 7000	4	\$622	Mechanical Universe (30 Min Each)	Rs. 4500	4	\$400	Duplication (3 Copies Each)	Rs. 225	24	\$120	Totals			\$2,066
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	Direct equipment to be disbursed to beneficiaries (list the equipment)	None																												
	Indirect equipment needed to provide service to beneficiaries (list the equipment)	See above																												
	Other non-recurring expenditure (list the items)	None																												
Recurring expenditure (annual)	None																													
Number of employees involved in project	2 Employees of MSL plus Volunteer Teachers																													
Qualifications of employees in project	Teaching																													
Transportation (types and number of occurrences)	None																													
Other costs (specify)	None																													
Sources for purchase of direct equipment																														
Sources for purchase of indirect equipment	1. Videos: Learners.Org (PBS) for Mechanical Universe, GPN Educational Media for Cycles of Life 2. Dubbing Service: Kedar Gogate Private Traders, Mumbai, India																													
Project applicability	Number of beneficiaries being affected by project	10,000 high school students and 100 teachers in rural Maharashtra																												
	Criteria used to select beneficiaries (list them)																													
	Main problem being solved or addressed by project	Using the power of videos to provide scientific education in Marathi.																												
	Geographical domain of applicability (list the states)	Maharashtra rural areas																												
	Median yearly income of beneficiaries, in Rupees	None (students from rural areas)																												
	Revenue generation opportunities created (list the opportunities with potential in Rupees per year)	None																												
	Income generation opportunities created (list the opportunities with potential in Rs. per year)	None																												
Future potential	Future investments needed (\$ by year)	TBD																												

	Usage of future funds	Additional videos as needed
	Applicability to other geographical areas (state Yes or No)	Yes (if MSL concept is taken to other areas)
Monitoring	Suggested methods of monitoring funds usage	Periodic reports and visits on MSL for volunteer visitors from ASHRAYA
	Periodicity of reports (in months)	6 months