Kampong Prasat Clean Water Supply – PWX Information

### Name (limit: 150 letters) Enter a name for the project. It does not have to be the same as the application. If this project is part of a program, make each project name distinct.

Kampong Prasat Piped Water Supply System Using PPP Model (Public Private Partnership)

### Status



### Project Summary (limit: 250 letters)

Describe the project briefly: the goals and how the execution matches the goals.

EMW has partnered with Kampong Prasat Piped Water Supply Investor (Private Water Operator) who has received license from Ministry/Provincial Department of Industry, Mines and Energy (MIME/PIME) and cooperated with Provincial Department of Rural Development (PDRD) to facilitate this PPP model. With the PPP model, EMW is committed to providing its support for the connection of 350 households in Kampong Prasat and Prek Raing villages to the Kampong Prasat piped water supply system. With this commitment, the Private Water Operator started the construction of Kampong Prasat piped water supply system in January 2014.

On 29th January 2014, the EMW team (Assna and Kim Hor) and PDRD Kampong Chhnang Deputy Director (Oum Chomroeun) visited the construction site of Kampong Prasat piped water supply system to see the progress of this project. We met with Pen Savann, the Private Water Operator to build better partnership and keep track on the project. The foundation of the water storage tank and the treatment plant (17.5 meter long x 6 meter wide x 1.2 meter deep) has been completed.

### Started On

Actual/Estimated

15 January 2014

### Completed On

Actual/Estimated

31 August 2014

### Total Funding for project

$35,000

### Amount Allocated

Enter the portion of total funding to be applied to this project vs. any other projects created as part of the same proposal. You can enter only an amount that is less than or equal to the Remaining Amount (shown above). If you enter the full Remaining Amount, you will have used all of your funding and will not be able to create any more new projects from this funding. The "Accept/Manage Funding" task will also disappear from your dashboard.

$35,000

### Community Contribution

$220,000 from the Private Water Operator

### Final Cost

Include co-funding and community contribution, not just the portion funded through PWX

$220,000 from the Private Water Operator for:

$50,000 for Water Storage Tank and Water Sedimentation Tank

$2,000 for Water Intake Station

$18,000 for four Pressure Water Pumps

$150,000 for main pipe lines distribution

$35,000 from funder:

$5,250 for management fee for headquarters

$3,250 for salary for Clean Water Officer for 5 months

$1,800 for monitoring supervision and verification

$24,700 for support 350 households piped connection fee.

Enter total number of people impacted (beneficiaries) for water, sanitation, schools eliminating duplicates.  This will help PWX calculate your total impact across projects.

350 households totaling 1,750 people (first phase of EMW’s support)

### Number of People Getting Safe Drinking Water

Details about the people getting safe drinking water on a daily basis. Provide details behind the numbers and source.

350 households totaling 1,750 people (first phase of EMW’s support)

### No of School Children Getting Safe Drinking Water (at school)

Enter details about children getting safe drinking water if this project is at a school. Provide details behind the numbers and source.

N/A

### No of People Getting Sanitation

Enter details of the number of people getting sanitation or access to sanitation facilities. Provide details behind the numbers and source.

75 household totalling 375 people (first phase of EMW’s support)

### No of People getting other benefits

What other benefits/impacts is the project creating? Provide details behind the numbers and source.

With the support of the Private Water Operator and EMW, 3,006 households totaling 15,030 people (when completed the second phase) will have an opportunity to access clean water from this project and participate in hygiene and sanitation awareness activities to decrease the incidence of diarrhea.

### Primary Focus



The main outcome desired from the project

To supply piped water supply to 350 households (first phase of EMW’s support)

### In Kampong Prasat and Prek Raing Villages. Secondary Focus



The second most important objective of the project

To strengthen community hygiene practice through education by EMW, Provincial Department of Rural Development Kampong Chhnang and local authorities.

### Narrative

Provide as much information about the project. Stories and interviews (video and audio) are welcome and photos are a must

The EMW team learned that PDRD Kampong Chhnang assessed the need for piped water supply in Kampong Prasat and Prek Raing for Tonle Sap rural water project, and the project confirmed that they don’t have funds to support this water supply. The PDRD confirmed the need for this piped water supply. Then, the EMW team conducted an assessment to these villages. The water supply situation in Kampong Prasat and Prek Raing is bad. All households are using cloudy water directly from the river as mentioned by the PDRD. They have no other alternative source and is a health concern for the people there.

The EMW Cambodia office had confirmed about the 35,000$ funding for Kampong Prasat piped water supply project in two villages. Since this is a small amount of funding EMW could not afford to do this project for the whole piped water supply system construction, so EMW decided to find a partner working as a Private Water Operator.

Finally, we found Mr. Pen Savann, the Private Water Operator who is interested in the Kampong Prasat Piped Water Supply project. This Private Operator is willing to supply clean water to approximately 3,006 households totaling 15,030 people in 13 villages of 3 communes (Toek Hout, Saeb and Khos Tkov), three districts (Rolea Ba’ear, Kampong Tralach, and Chulkiri) of Kampong Chhnang Province. This project is planned to be completed in 2018 by the Private Water Operator.

EMW motivated and encouraged the Private Water Operator to start the project in early 2014 because these two villages have used microbiological contaminated water. Furthermore, these villages are also the highest priorities for the Private Water Operator of his first phase for the project implementation. He started the construction in January 2014 and planned to complete in August 2014. EMW is committed to supporting Kampong Prasat and Prek Raing villagers including the poor households in these villages. Approximately 350 households totaling 1,750 people are expected to have access to the clean water supply from the project.

### Maintenance Cost

Enter the annual operating costs

For this PPP model, the annual operating costs are the responsibility of the Private Water Operator.

### Sustainability Model

Model for long-term impact and financial and operational sustainability. Also describe the challenges in introducing and implementing the model

EMW has an MOU with Ministry of Rural Development (MRD) and works closely with PDRD Kampong Chhnang. With these relationships, EMW and PDRD Kampong Chhnang are able to work with local government (commune council) and village chiefs of Kampong Prasat and Prek Raing on this project.

EMW is partnering with PDRD Kampong Chhnang to work with the Private Water Operator. The Private Water Operator will use his own funds for Kampong Prasat Piped Water Supply for the whole construction system that has been approved by MIME. During the construction, EMW and PDRD Kampong Chhnang will work as technical advisers and provide any technical support requested from the Private Water Operator. EMW and the PDRD will provide technical advice and guidance to support the operator establish efficient operating and monitoring processes for this water supply.

EMW will also support the poor households in Kampong Prasat and Prek Raing villages to connect to the main pipe with the agreed connection fee.

The agreement of payment for the poor household connection fee to the Private Water Operator will be made up on completion and verification of households connected to the main pipe.

The Private Operator will be responsible for Operation and Maintenance (O&M) of the piped water supply system.

### Other Issues

Describe other issues encountered during the project.

The rainy season will start in June 2014, so most of the areas of the project will be flooded in September-October.

### Learnings

Share experiences and ideas from this project which will help others

This is the first experience of EMW in Cambodia to initiate the PPP model.

If EMW encounters challenges, EMW will reach out and seek advice from Gret (another NGO member of BPN) and an expert at implementing the PPP model in Cambodia and Laos.

### Implementer Name

Name of implementer organization/group ONLY if different from project owner.

N/A

### Implementer Background

### Extra data

N/A