



MINISTRY OF PUBLIC WORKS AND TRANSPORT



NATION RELIGION KING



QUARTERLY PROGRESS REPORT- JAN-FEB-MARCH 2021

PACKAGE IV: NGO SUPPORT FOR COMMUNITY MOBILIZATION AND ENVIRONMENT IMPROVEMENT



**Project: Integrated Urban Environmental Management in the Tonle Sap Basin
(RRP CAM 42285-013)**

Submitted to Ministry of Public Works and Transport - Government of Cambodia



in association with



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**Community Mobilization and
Environmental Improvement**

CMEI

Preface

This document is the Quarterly Progress Report prepared for the CMEI project's operations (Jan-Feb- March 2021). The global pandemic has been a challenge for operations, which has meant the delivery of the actions is affected. The project has strived to continue to work on the committed deliverables; the significant development is the finalisation of the VO-03 in the end of February 2021. This will allow the CMEI project to scale up the actions with continued resourcing on the human resources side, as the VO-03 is a no cost variation order.

The other key actions included the continual liaison (as much as is possible) with the key stakeholders in the project action including the ADB team, MPWT team, Provincial PIU, community representatives and vulnerable community. The team has also increased the liaison with the other aid partners, govt. departments and key focal within the ADB including Gender. The information about the operational environmental and related factors has been minimised to keep the report concise and to the point.

The QPR now follows the revised reporting period aligned to the calendar quarters.

Acknowledgements

This report would not have been possible without the generous contributions of time and expertise of many individuals and organisations. The team would like to express its sincere gratitude to all our partners in this collaborative effort. A number of individuals consulted during the preparation of this Report provided invaluable advice, information and material. The funding for this study came from the Ministry of Public Works and Transport, Govt. of Cambodia project funded by the Asian Development Bank.

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List of Abbreviations

ADB	Asian Development Bank;
ADPC	Asian Disaster Preparedness Committee;
ASEAN	The Association of Southeast Asian Nations
BBB	Building Back Better;
BER	Bid Evaluation Report
CAR	Climate change adaptation And Risk reduction;
CCA	Climate Change and Adaptation
CCDM	Commune Council Disaster Management;
CHF	Cambodian Humanitarian Forum;
CMEI	Community Mobilization and Environmental Improvements
DDR	Due Diligence Report
DMS	Detailed Measurement Survey
DRR	Disaster Risk Reduction
EGM	Effective Gender Mainstreaming;
EMP	Environmental Management Plan
GAP	Gender Action Plan;
GMS	The Greater Mekong Sub region
GOVT	Government
HH	Head Household;
HHP	Health and Hygiene Promotion
HVCA	Hazard Vulnerability Capacity Assessments;
ID	Identification Card;
IEC	Information, Education and Communication;
IEE	Initial Environmental Examination
IEIA	Initial Environmental Impact Assessment
IRC	Inter-ministerial Resettlement Committee,
KPCH	Kampong Chhnang;
LRRD	Linking Relief Recovery to Development.
MEAL	Monitoring Evaluation and Learning;

MEF	Ministry of Economy and Finance,
MOH	Ministry of Health;
MPWT	Ministry of Public Works and Transport;
MRD	Ministry Rural Development;
NCB	National Competitive Bidding;
NGO	Nongovernmental organizations,
O & M	Operation and Maintenance
ORS	Oral Rehydration Solution
PADEK	Partnership in Development in Kampuchea;
PAM	Project Administration Manual
PCC	Provincial coordination committee,
PDOWA	Provincial Department of Women's Affairs
PDPWT	Provincial Department of Public Works and Transport
PDRD	Provincial Development of Rural Department;
PIU	Project implementation unit,
PMIS	Project management and implementation support,
PMU	Project management unit,
RP	Resettlement Plan
SADD	Sex Age Disaggregated Data
SPS	Safeguard Policy Statement
TOR	Term of Reference;
TSUADF	The Tonle Sap Urban Areas Development Framework
UNDP	United Nations Development Program;
UNEP	United Nations Environment Program;
UNFCCC	United Nation Framework Convention on Climate Change
VDMG	Village Disaster Management Group;
VO	Variation Order;
WASH	Water, Sanitation and Hygiene;
WCCC	Women and Children's Consultative Committees;
WEDC	West East Development Cambodia;
WWTP	Waste Water Treatment Plan

1. Community Mobilisation and Environmental Improvements Project –CMEI

- The CMEI project supported by MPWT and funded by ADB is being implemented across the vulnerable areas of Cambodia. The Project looks at the interconnections between infrastructure developments, urban management, water and climate change in Tonle Sap Region specifically in the two provinces of Pursat and Kampong Chhnang in Cambodia.
- The partnership is based on the Contract No. MPWT/PMU/IUEMTSP/QBS/004 dated 17 Jan 2018 between The Ministry of Public Works and Transport (MPWT) (The Client) and Partnership for Development in Kampuchea (PADEK) in association with West East Development Cambodia Co., Ltd. (WEDC) (The Consultant) for Consultant's Services for NGO Support for Community Mobilisation and Environmental Improvement (Package IV) (The Project).
- The Ministry of Public Works and Transport and provincial departments of public works and transport of Kampong Chhnang and Pursat are wholly responsible for the implementation of ADB financed projects, as agreed jointly between the borrower and ADB, and in accordance with Government and ADB's policies and procedures. ADB staff is responsible to support implementation including compliance by Ministry of Public Works and Transport and provincial departments of public works and transport of Kampong Chhnang and Pursat of their obligations and responsibilities for project implementation in accordance with ADB's policies and procedures.
- The agencies PADEK and WEDC have been awarded the project output: CMEI under the project titled "Integrated Urban Environmental Management in Tonle Sap Basin" This is part of a larger mandate to help develop the Tonle Sap basin.
- CMEI's output is working to translate Project principles into community action. This includes support for community planning and prioritization, and provision of community-driven climate-resilient urban environmental infrastructure.
- The involvement of local communities, including poor, vulnerable and ethnic Cham and Vietnamese, in planning, decision-making and supervision of the works will encourage local solutions and greater accountability of the services delivered. It will help to create ownership and provide benefits to those often marginalized and vulnerable.

2.1 Project Outputs and Outcomes

- The project aims to address the climate change and environmental needs of the urban poor and vulnerable, including ethnic Cham and Vietnamese in Kampong Chhnang and Pursat—making the project more inclusive by extending benefits from large infrastructure investments.
- It includes improved household sanitation for ID Poor 1 and 2 in the current municipality area; climate change and hygiene awareness and action; and community small-scale infrastructure improvements in pre-identified poor and vulnerable areas in each municipality. Small-scale infrastructure improvements will be prioritized by the communities and will be financed by the

project, national government, and community. The output will help extend project benefits to the poor and vulnerable groups.

- The output includes the following sub-outputs and activities:
 - a. Household sanitation grants for ID Poor 1 and ID Poor 2 households within the defined municipality area).
 - b. Information, Education and Communication (IEC) activities to promote project awareness, hygiene awareness, initiate behavioural change and disseminate climate change information to men and women. The project area for the IEC efforts will include Sangkats in the existing municipal boundary and adjacent urban Sangkats. It will generate information and opportunities for knowledge management to further strengthen the knowledge management aspects of the project; and,
 - c. Small-scale infrastructure improvements in Sangkats that are pre-identified by the project survey as being poor and vulnerable to poor urban environmental conditions (e.g., community sanitation, improved drainage with access roads, or community collection points for solid waste management). These components will connect directly with Output 1 and 2 investments to ensure that local communities are also direct beneficiaries. Communities residing in the urban Sangkats of the existing municipal boundary area will be eligible for assistance.

2.2 Key benchmarks for project implementation

- a) Address the climate change and environmental needs of the urban poor and vulnerable, including ethnic Cham and Vietnamese in Kampong Chhnang and Pursat.
- b) Making the project more inclusive by extending benefits from large infrastructure investments.
- c) Improved household sanitation for ID Poor 1 and 2 in the current targeted municipality areas; climate change and hygiene awareness and actions;
- d) Small-scale infrastructure improvements prioritized by the communities and financed by the project, national government, and community.
- e) Help extend project benefits to the poor and vulnerable group by the end of project period.

2.3 CMEI Approach

- The project has adopted an integrated WASH approach covering the following key action agendas:
 - a) supports effective processes to manage water and sanitation systems assisting in establishment of Water Trust Funds, Drinking Water Users Associations and local networks of stakeholders, as well as help in the development of Water Safety Plans,
 - b) supports various abovementioned stakeholders in constructing and managing water and sanitation systems in project target villages; and
 - c) Ensures a civil society and govt. collaborative monitoring mechanism is in place at urban municipal level so that consumers, operators and other stakeholders can hold a constructive dialogue over management in water consumption area.

2. Operational Geography Scenario: Kampong Chhnang Pursat Provinces

- The project is being implemented in the Tonle Sap Lake Basin geography. The Tonle Sap is the largest body of water in Cambodia ebbs and flows depending on the time of year. The Sangkats of operation of CMEI have been pre-identified for inclusion in the small-scale infrastructure improvements.
- The CMEI project has been working with the most vulnerable communities in the project areas of the Tonle Sap Lake basin. The engagement has been fruitful and have completed the bulk of committed actions in the implementation period, excepting for the expanded scope of activities, due to site conditions (which were beyond the scope of the consultant).
- The project covers 2 provinces

Table 1: Operational geographical details

S.No	Geography- Province	Focus areas	Focus Areas
1.	Kampong Chhnang Municipality (Total 7,928 households or 40,360 people. Covers 26 villages in 4 Sangkats)	Kampong Chhnang Town	Samrong village, Chong Kosh village and Kandal village*
2.	Pursat Municipality (Total 13,314 households or 63,773 people. Covers 66 villages in 7 Sangkats)	Pursat Town	Kbal Hong village, Toul Makak village and Kos village

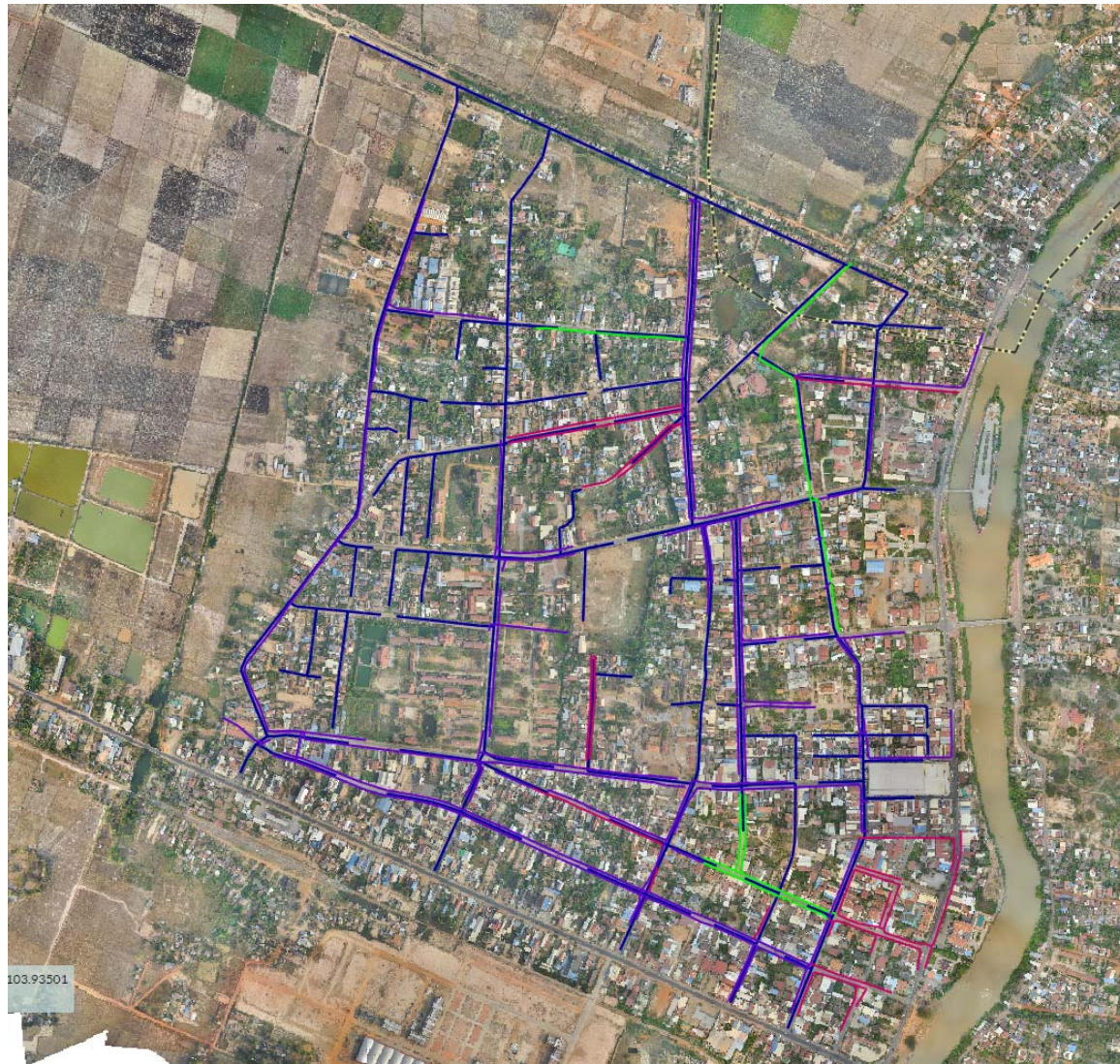
* The villages in Kampong Channang may change over time due to the continual delays in the finalisation of the actions for the villages in Kampong Channang.

- Based on the evolving operational environment, the villages might change in consultation with the other components of the project and the MPWT. For each additional community, detailed needs assessment will be carried out and submitted to the MPWT.
- The changes in the current implementation phase have been severely impacted by the new ways of working due to the Covid19 Pandemic and the unprecedented and widespread flooding in the Pursat River, which cut off access to the operational villages in Pursat and the continual delays in the finalisation of the actions for the villages in Kampong Channang.

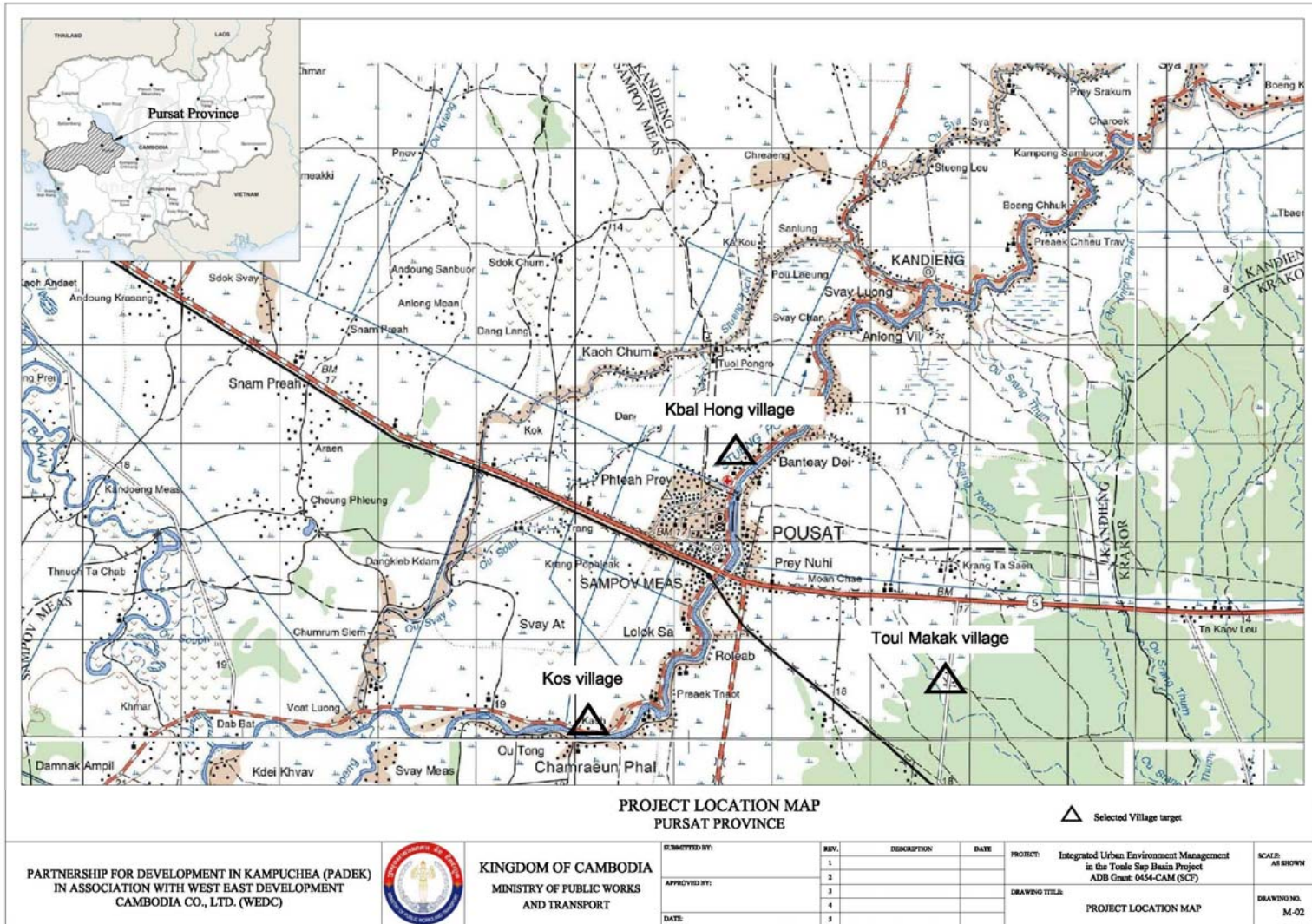
Table 2: Geolocation of the operational villages

Province	Commune	Village	Latitude	Longitude
Pursat	Pursat	Kbal Hong	12°32'53.86"N	103°55'10.27"E
Pursat	Roleab	Toul Makak	12°30'24.69"N	103°57'40.42"E
Pursat	Lo Lork Sar	Kos	12°30'17.39"N	103°53'52.82"E
Kampong Chhnang	Phsar Chhnang	Samrong	12°15'31.92"N	104°40'29.63"E
Kampong Chhnang	Phsar Chhnang	Chong Kosh	12°16'16.82"N	104°40'35.31"E
Kampong Chhnang	Phsar Chhnang	Kandal	12°15'57.13"N	104°41'5.74"E

Map 2: Pursat Network Areas



Map 3: Location of the Operational Villages in Pursat



Map 4: Location of the Operational Villages in Kampong Chhnang



3. Project Updates

- The main activities have focused on Septage (Faecal Sludge) management, Solid Waste management and Public Health Management.

3.1 Covid 19 Global Pandemic Situation

- The global pandemic situation has also affected the work environment in the project. The situation in the operational geography has been affected immensely by the global pandemic. The staff is taking the necessary precautions and ensure the safe distancing norms throughout their work actions.
- The meeting have been managed in terms of low numbers and ensuring that the participants also follow the safeguards like wearing masks and practicing handwashing, using sanitizers and adhering to safe distancing norms.
- The bank and PMU liaison has largely moved to the virtual space.

3.2 Pursat

- The bidding documents for both the proposed villages have been finalised in this current quarter after a long process. Each successive action has taken a substantial amount of time. The DDR report was finalised in late October 2020 and the final bidding document completed in Feb 2021.
- The delayed actions related to the latrine construction, we found reports that since the data capture, a few households have been constructing latrines or in the stages of building. Based on the field checks, the CMEI team filed a report that indicated the preference for brick based design.
- The design and costings were updated to reflect the aspirations of the beneficiaries and shared – this was agreed in principle and the documents updated.
- Thereafter it was suggested that the procurement method for the construction needs to be updated to 'shopping' from the 'NCB' mode in the small package mode.
- The CMEI Team thereafter worked out the package wise breakup for the actions for small shopping (without advertising) mode. All the packages are now within the \$25,000/- threshold. The small shopping contracts also provide us the opportunity (flexibility) to change some actions at the end depending on the evolving situation in the field.
- Please note that the total beneficiaries might change a little by the time we finally agree to implement the action, this is largely because the community is waiting for a long time and some have started to construct on their own. We expect these numbers to go down by 4-5% at the max.
- Given the inordinate delays, the field teams are facing slow but steady discontent and query on the state of the finalisation of the action given the delays.
- As a remedial measure, we have been meeting the proposed beneficiaries and updating them on the progress of the action. This process is also heavily curtailed due to the evolving Covid19 situation. We are also reassessing the current numbers due to the above-mentioned

reasons and have come to the conclusion that these numbers will change. This has been also conveyed to the bank and the PMU in all communications. We will finalize the numbers closer to the final approval.

- At the time of reporting, we were getting reports that there is a move to prioritize the Toul Makak village over the Kosh village. This is largely due to the flooding scenario in Kosh. There are talks about adding an embankment to the Kosh village, which will also protect the bank's investment in the form of latrines in the same village. PADEK has shown support to the need for community consultations in the village and if needed will aid the process.

3.3 Kampong Chhnang

- Padek team is currently assessing and will move to new operational areas/ villages within the municipalities. The PADEK team will thus phase out on the hardware part from some of the existing villages (Chong Kosh village along the river) due to the delays in approvals. The delay were largely due to the communities not owning sufficient tenural rights over the lands they occupy/ reside. The PADEK team will scope for new villages within the proposed sanitation network improvement areas.
- Plans are afoot to conduct a detailed Solid Waste Management. This assessment will also build the key pathways to related community based actions in the operational areas. The province is also battling with cases of Covid19, which is also forcing the project team to maintain a slow pace with adequate safeguards.
- The project had attained the mapping of the sewerage network from the PMIS and planned course of actions. The project team looked for pockets of ID poor within the close proximity to the proposed network actions, which would have helped in complementing the ongoing actions. The team leader and the team visited the proposed areas and conducted discussions with the villagers.
- The Covid 19 situation did not allow for a lot of engagement with the community. Hence, while we have tried to get as much information as possible, there might still be areas for additional information needs. The civil engineer has also visited the areas and come up with the designs for the community block of toilets.
- The design will be finalised in close consultation with the PMIS team. The project is also finalising the first draft of the design of the filter for the culvert for trapping the plastic waste into the main lake zone.
- We have now been updated that the sewer network is undergoing changes and hence the plans of including the communities closer to the network lines in villages and also proposed actions esp.in Samrong will have to be relooked.

3.4 Field Visit to Kampong Channang and Pursat

- In the month of February 2021, the CMEI and PMIS team leaders visited the Samrong high school in Kampong Channang and the Pursat WWTP. The teams inspected the construction processes in the Pursat site and the PMIS TL showed how the flooded areas were being upgraded to be future ready.

- The school visit showed the poor hygiene surroundings and validated the proposed needs of the school reviewed the designs of the engineer. It was agreed that CMEI team will look for additional schools with similar actionable needs and come up with the set of engineering interventions.

Site Visit in Pursat



Site Visit in Kampong Channang



3.5 Consultation on SWM equipment at Provincial Level

- In order to define the exact needs of the communities and the Provincial authorities in the two operational provinces in the field of Waste Management, the CMEI team liaised with PMIS team continually.
- In the month of February 2021, the roundtable with the authorities in KPCH and Pursat was organised to understand their needs, which will aid the finalisation of the hardware procurement actions as per the revised procurement table. The consultations has good participation and provided scope to ascertain the possible equipment for solid waste management to be procured for the provincial authorities in Pursat and Kampong Channang (16 Feb 2021 - Pursat & 17 Feb 2021- Kampong Channang).
- This was to be succeeded by a digital questionnaire with sample community members to triangulate the needs. However, the digital questionnaire actions have been pushed back due to the sudden spurt in the covid19 cases across the nation.
- We hope that this action will be completed in the month of April.

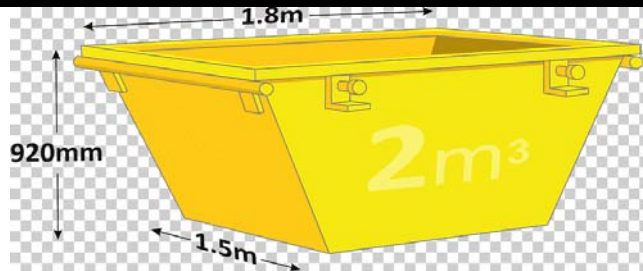
- It was agreed that there are two phases of Equipment procurement for the landfill an essential (phase 01) and a non-essential/ gap filling (phase 02).
- The discussions bought the key actions needed and related to the actions, the key equipment that can be procured and provided to the authorities. This included:
 - (a) Larger bins at community level
 - (b) Small bins at household level (they need bins with lids) and
 - (c) Collection carts for the collection.
- It is important to note that KPCH did not want any household bin supports at the consultations stage but will come back after detailed internal consultations.
- The questions about the management of the waste management actions revealed four options for consideration:
 - (a) Province
 - (b) Contractors
 - (c) Community, which included – School, Students, Youth and Households.
- The authorities in KPCH indicated that the current the contractors in the province use the equipment available with the provincial authority. It has to be noted that questions remained about the informal waste collectors.
- The CMEI and PMIS teams were told to share the list of the probable equipment that could be considered by the authorities. This list is shared with the authorities through PMIS.
- Based on the consultations, the CMEI team has drafted a set of possible actions that can be taken up :
 1. Training And Capacity building of the provincial authorities
 2. massive Awareness Building
 3. Policy Action on promotion of better waste management techniques/ practices
 4. Provision of waste collection hand carts with two partitions to carry the garbage
 5. Scorecard for change measurement of performance
 6. Documentation support and white paper for the entry of private sector enterprises
 7. Vermicomposting at the household level
 8. Bins with lids for households
 9. Campaigns on reducing Plastic Waste and promotion of Circular Economy

- **Possible Solutions for Solid Waste Management Equipment**

a) Trucking Solutions



b) Skips / Skip Bins/ Containers



c) For Community Spaces



d) For Household Level



e) For waste collection workers within streets





f) tools and small equipment needed



g) IEC – Messaging Posters for wider Information dissemination



h) Awareness signposts at community levels with collection bin



i) Messaging at Public places



3.6 Procurement Table

- The works have continued with right earnest with the PMU and supported the development and refining of key documents. The CMEI team submitted the update on the procurement table on 24 February 2021.
- We have fast tracked the proposed actions under 2 packages and endeavour to do so for all packages. The technical requirements will be ready as per schedule in the table below although it has to be also noted that some actions are also contingent to the laying of the sewer networks in the provinces The detailed procurement table is attached as an annex

Package	General Description	Detailed Description	Update- Timeline <i>as per the procurement plan</i>
CW09a	Toul Makak- HH Latrine Support	<ul style="list-style-type: none"> • The project will provide an upgrade over a standard pit latrine as a cost effective measure to promote household sanitation. • The households will be provided with training and awareness raising support through extensive public health campaigns and continual water and sanitation surveillance. • This latrine will help prevent disease vectors and enhance the public health conditions of the village. 	Proposed: Q1/2021 Actual: Q1/2021 On track <i>the bidding documents are completed with all relevant sub sections and submitted to PMU</i>
CW09b	Kosh Village HH Latrine Support	<ul style="list-style-type: none"> • The project will provide an upgrade over a standard pit latrine as a cost effective measure to promote household sanitation. • The households will be provided with training and awareness raising support through extensive public health campaigns and continual water and sanitation surveillance. • This latrine will help prevent disease vectors and enhance the public health conditions of the village. 	Proposed: Q1/2021 Actual: Q1/2021 On track <i>the bidding documents are completed with all relevant sub sections</i>
CW09c	Household Sewerage Line Connections - Pursat & Kampong Channang	<ul style="list-style-type: none"> • The project will provide household connection support to the poor and vulnerable households in the two provinces. • The households will be encouraged to connect to the main and trunk sewer lines laid as part of the other contracts in the urban municipality. • The support will cover materials, trainings, labour and other incidental components. This action will involve 	Proposed: Q4/2021 On track and will be fast tracked <i>Expected Month of completion of design documents for PMU Review: June 2021</i>

		community mobilization and awareness raising for mass action.	* <i>Contingent to the laying of the sewer lines</i>
CW09d	Environmental Improvements & Waste Management- Pursat & Kampong Channang	<ul style="list-style-type: none"> The project will undertake detailed assessments to understand the situation of waste in the provinces. This will also cover the relations with the public health scenario with the status of livelihoods of the communities. Based on the assessments, proper management strategy will be formulated to work with the community of key waste management actions including source segregation, reducing plastic waste, better waste collection, payment modalities, and safe disposal. 	Proposed: Q3/2021 On track
CW09e	Community Preparedness and Disaster Resilience	<ul style="list-style-type: none"> The project will focus on assessing the vulnerabilities of the proposed geography and work with the project communities in raising awareness on their capabilities. Post this, the project will focus on enhancing the preparedness levels by providing needed in kind supports like high raised platforms, boats, sandbags, water filtration units, tents, along with training on management of disaster situations. The teams will work on formulating teams with agreed and understood roles and responsibilities in times of crisis. 	Proposed: Q2/2021 On track <i>Expected Month of completion of design documents for PMU Review: June 2021</i>
G09f	Household Support (Water Filter, Water Storage Container, Roof water Harvesting System)	<ul style="list-style-type: none"> The project will provide essential supports to the ID poor and needy households to aid their growth. This includes- water filters for enhancing access to safe and potable water, water storage containers as an augmented support to an important water storage mechanism practiced by the households in the project area for storage of rainwater harvested from the roof. Additionally, the households will be provided with support for the roof drainage solution of supply and installation of rooftop gutter and drainage pipes for rainwater harvesting. 	Proposed: Q3/2021 Actual: Q1/2021 Faster than committed timeline <i>This action is fast tracked to the Q1/2021</i>

3.7 G09f_Household Sanitation Support

- The TL has updated the TS1-G09f_Household Sanitation Support and shared the bidding documents to the PMU. The updated documents were submitted on 26 Feb 2021, 01 March 2021 (see annex). We have continually updated the technical specifications as per the inputs from the Bank, PMU, and other consultants.

Technical Specifications

- **Water Filters**

- a. Brand: To be specified by bidder
- b. Model: To be specified by bidder
- c. Dimension: 5 -10 Litres Top & Bottom Containers
- d. Type: Low cost household ceramic pot water filter
- e. Ensure consistent flow rates (2-3 L/hr)
- f. Comply to WHO water quality standards
- g. The filter includes:
- h. Enhanced with silver nitrate solution
- i. Should maintain Turbidity below 5 NTU

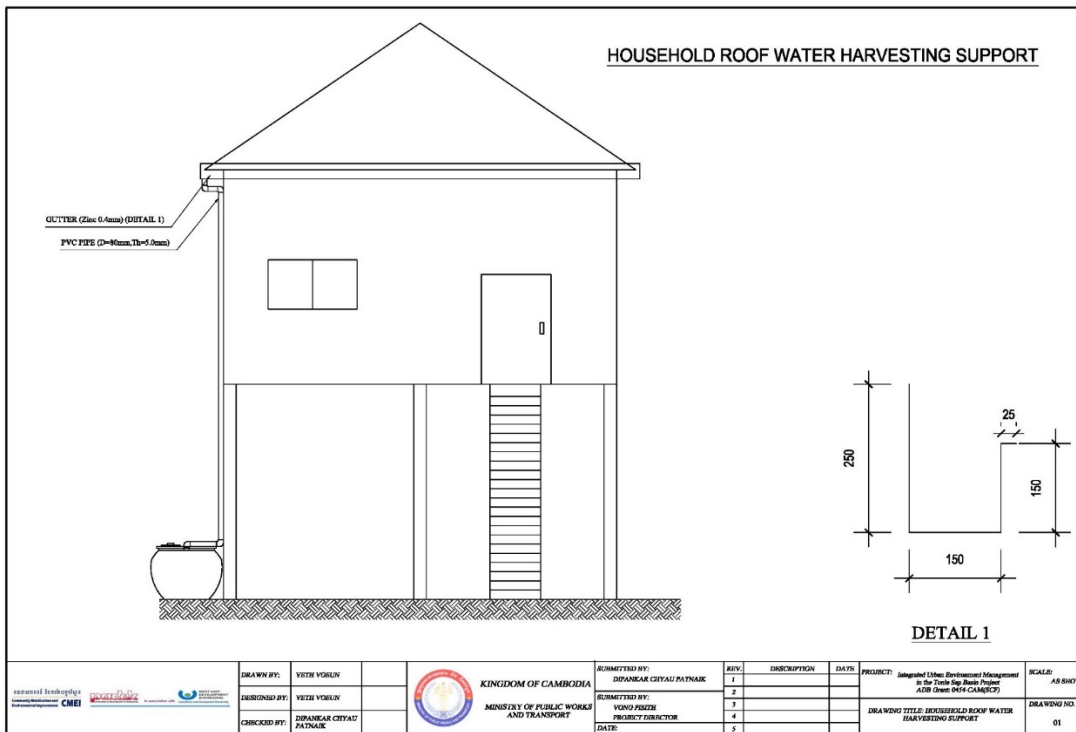
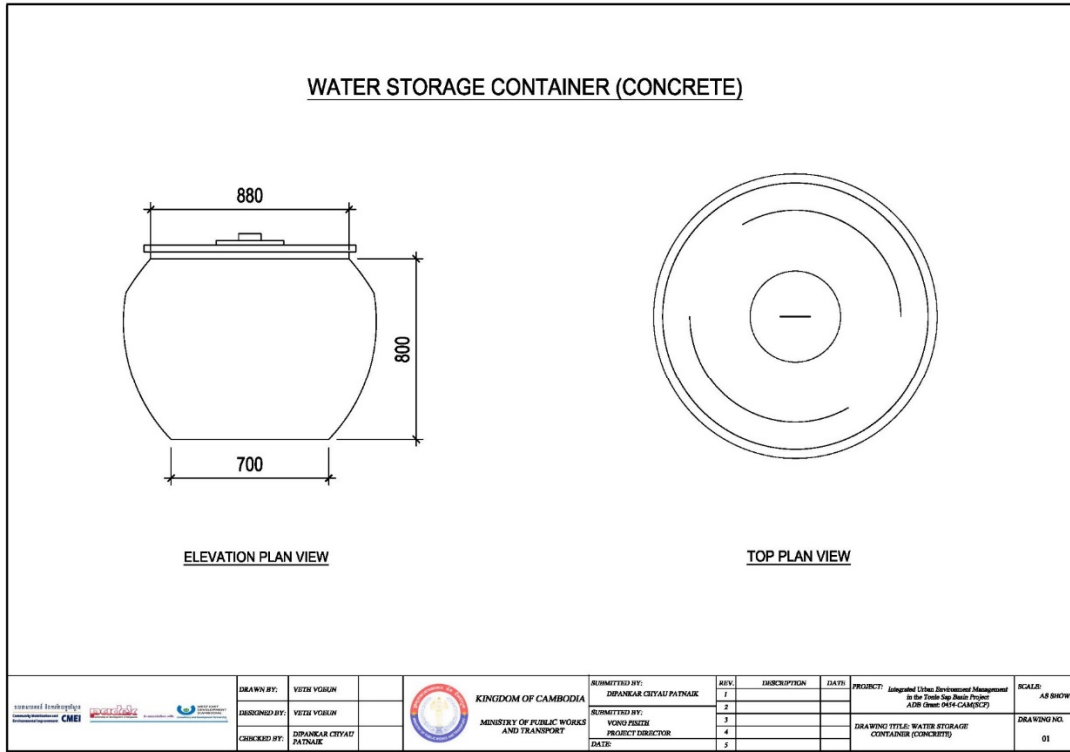
- **Roof water Harvesting supports**

- a. The contractor shall construct the household roof water harvesting support by using:
- b. Zinc gutter (0.4mm thickness) with dimension
- c. PVC pipe 80mm.
- d. All materials shall be approved by the Engineer prior to use (Detailed drawing below).

- **Water Storage Containers**

- The contractor shall construct the concrete water container using cement and sand with appropriate mould to shape the jar.
 - a. Brand: To be specified by bidder
 - b. Model: To be specified by bidder
 - c. Material: RCC (Portland Cement-ASTM.C150 TYPE I.)
 - d. Shape: Oval
 - e. Features: Leak Proof
 - f. Dimensions:
 - g. Capacity-500-600 L per container
 - h. Length-7 feet/2.5 m
 - i. Diameter-800-1600 mm
 - j. Wall Thickness: 2 - 5 Inch
 - k. Before using the concrete jar, the contractor shall pour water into the jar and let it stay for two to three days.
- Prior to use all construction material shall be inspected and approved by the Engineer (Detailed drawing below)

• Detailed Drawing



• **Quotation Price Schedule**

Item	Description	Country of Origin	Unit	Quantity
1	Water Filters (x1/HH)		Nos.	107
2	Water Storage Containers (x4/HH)		Nos.	429
3	Roof water Harvesting Supports (x1/HH)		Nos.	107
4	Services			

• **Final Destination Delivery**

No.	Item Description	(Unit)	Toul Makak-Pursat	Kosh Village - Pursat	Total
1	Water Filter	Unit	66	41	107
2	Water Storage Container	Unit	264	164	429
3	Roof water Harvesting	Unit	66	41	107

- Note: The household numbers may change based on actual field realities and will be finalized in close coordination with the provincial and village authorities

3.8 Need for VO -03

- The VO1 dated 15 July 2019 allowed the NGO to generate Detailed Engineering Designs (DED) for household latrines for Kampong Channang and Pursat and conduct awareness raising and promotion of Public Health in the targeted villages.
- The VO2 dated 13 March 2020 allowed the NGO to pursue new actions on Solid Waste Management, generate revised Detailed Engineering Designs (DED) for household latrines for Pursat and conduct awareness raising and promotion of Public Health in the targeted villages.
- The project has moved from the initial solution proposed of raised concrete and brick latrines to household connections to the centralised solution being implemented under the new package CW10. The NGO completed the following actions in this direction:
 - (a) produced revisions of latrine designs,
 - (b) finalised the Due Diligence Report for the site actions,
 - (c) finalised the UXO clearances,
 - (d) produced detailed engineering designs for school sanitation plan in kampong Channang,
 - (e) updated the procurement plan,
 - (f) provided relief for the flood affected communities in Pursat and
 - (g) continued with the Public health promotion training,
 - (h) awareness raising and capacity building of the community members and public officials from the provincial and village authorities.

- The changes in the current implementation phase have been severely impacted by the new ways of working due to the Covid19 Pandemic and the unprecedented and widespread flooding in the Pursat River, which cut off access to the operational villages in Pursat and the continual delays in the finalisation of the actions for the villages in Kampong Chhannang.
- Based on the discussions with the bank team during the months of September- December 2020, it was agreed to approve a no cost variation for PADEK under this Variation Order for implementation of the proposed activities in Kampong Chhannang and Pursat. The NGO has proposed for changes in the operational modalities in terms of new actions in line with the revised and updated procurement plan and correspondingly a revised human resourcing strategy to ensure best fit and cost effectiveness.
- The project team is going through a time of reduced time for team. The VO-02 provided for 6-7 months of effective project implementation time for the team. Due to the delays in the project actions due to covid19 and continual demands of updating the actions, the team is running short of person months. Although, the project team is engaged on intermittent basis as of now, the Covid19 situation has taken a toll on the possible options available for the team members.
- The TL has continued to liaise with the bank team for the finalisation of the VO-03. It was proposed by the TL and was agreed by the Bank and PMU team to go for a No Cost VO. Thus, the overall budget does not change. It was agreed that the time is appropriate for a VO, as this will provide us adequate time for the implementation of the proposed actions.

3.9 Variance order -03

- The variance order was finally approved on 16 March 2021. (see Annex) The main activities will focus on Septage (Faecal Sludge) management, Solid Waste management and Public Health Management. The NGO will design and propose a new sanitation solution, for connecting the poor and vulnerable households to the centralised solution. Given the lack of tenural documentation with many of the poor and vulnerable communities. The household latrine solutions for the two villages in Pursat have been finalised and are being procured now.
- The NGO will supervise the implementation work in this phase. The work on the solution for the village along the canal will be prioritised in the current phase and while the actual action is linked to the network sewer's laying, the NGO will engage in mass awareness and capacity building supports. The NGO will work through agreements, which are "temporary" in nature to be accepted by the Provincial Authority of Kampong Chhannang and Pursat for the hardware to be constructed on the land currently occupied by the target villages.
- The project will also provide equipment support to the poor and vulnerable communities to enhance the status of public health and the standard of living. This will also enable the support to reach the communities faster, which is usually delayed by the need for tenural documentation. It is also seen that smaller supports expand the reach and ensure better acceptance and motivation for larger actions of the future. The project will also prioritise the provision of supporting the informal sanitary workers and waste collection people and provide supports to them. This could include, collection bins, mobile collection vehicles, sorting areas with platforms in addition to training and capacity building supports. The NGO will consider

existing successful models of community scale waste collection, desludging in informal settlements in proposing its solution and business model.

- **Key Activities:** Accordingly, the scope of work has been revised to, but not limited to the following:
 - a. **Capacity Building and Awareness Campaigns:** The NGO will focus on SWM, Public Health and Resilience. This will include possible ways to improve efficiency, enhancing equipment, training and exploring pathways to cost recovery, training and Capacity Building for zero waste management for water pickers, authorities. Gender mainstreaming will also be an important action agenda for this implementation phase and will be worked out with the PMIS team. This will include design and printing of relevant IEC for dissemination and Information boards at vantage locations, Wall painting and murals, IEC distribution, volunteers for mass awareness.
 - b. **DED Preparation, Construction Supervision and Monitoring support:** The NGO will support the PMIS in development of DED (drawings, specifications, BoQs), provide supervision and monitoring support for the construction actions. The NGO will create demonstrative prototypes on SWM and Flood resilience to be scaled up and these actions will inform the learning for the mass numbers tendering actions covering. This will include Individual HH latrine (in 2 villages of Pursat), canal site connections (Pursat), small facilities block (toilet, shower, food preparation and personal protection equipment storage area) at the new landfill site for approved recyclers, work with schools to make efficient School Sanitation Plans and structures in Kampong Chhnang. It is envisaged that the construction contracts will mostly be done by the contractor with some limited community participation facilitated by the NGO through goods contract for household level equipment (G-09.01).
 - c. **Scoping for New Areas:** The NGO will move to new operational areas/ villages within the municipalities. The NGO will thus phase out on the hardware part from some of the existing villages (Chong Kosh village along the river) due to the delays in approvals. The delay were largely due to the communities not owning sufficient tenural rights over the lands they occupy/ reside. The NGO will scope for new villages within the proposed sanitation network improvement areas.
 - d. **Resilience building:** this activity will ensure enhanced actions related to flood resilience for the operational area communities. This will include demonstrative prototypes to be scaled up and will inform the learning for the mass numbers tendering actions. This will include high raised platforms for evacuation, flood response support equipment's to the authorities including handheld transceiver (HT) (walkie talkies), sacks for sand bags, search and rescue equipment and other items as informed by due assessments at opportune times. These in kind supports will be supported by training and capacity building of vulnerable communities in getting better prepared for flood related measures.
 - e. **GPS tagging and Digital Information Management:** Geotagging of all facilities and beneficiaries of the programme action including collection, compilation and analysis of

periodic information. The team will be trained on digital data gathering solution used for the project on mobile devices (procured for this action) to collect data.

- f. **Community centric waste collection approach:** Identify private operators currently active in providing septage and solid waste collection services, equipment available, number of households currently serviced by them, charges collected per household, their willingness to extend their services to all areas in Kampong Chhnang taking into consideration of the narrow access routes to service the households.
 - g. **Coordination:** Support MPWT during procurement of civil works and report to MPWT on the progress of works; coordinate with other agencies and actors operational in the region and nationally
 - h. **Reporting:** The NGO will provide periodic reports to the MPWT and the provincial government along with output reports for events and trainings.
 - i. **Updates to overall project management approach:**
 - Equipment supports for small demonstrative actions for future scale up: the NGO will have an enhanced equipment budget line to respond to sudden needs and events like floods, and other unforeseen events.
 - Covid19 Response: A limited Covid 19 action budget to include protection, communications support like protection gear, equipment, consumables and communications support for the team
 - Changes in Positions: It is proposed to merge two positions to make a single position of Programme Associate focused on emerging needs of the project to cover SWM, Flood Resilience, Public Health and Gender. Further, the office assistant and community mobiliser positions will be discontinued and their responsibilities will be managed by the administrator and the provincial project officer respectively. The proposed actions will provide agility and better implementation support to the actions.
- The variation will cover the delivery of the revised actions as mentioned above through additional time for the approved human resources, revised time schedule and recruitment modalities along with reimbursable expenses for the Team Leader and his team. The overall budget does not change and the costs are reworked to enhance the proposed action and time for the team.

3.10 Communication

- The CMEI project is continually being update on the dedicated Facebook page. The intent is to continually update the information about the works of the project CMEI and broadcast it. The project is very consciously building a credible database of information to broadcast the details of the action to a wider audience.

3.11 Coordination

- The project has continually engaged with the PMIS team and this association has been very fruitful and harmonious. The project team has continually attained and also provided support

to the PMIS which we believe has helped both the projects. The coordination has informed the development of the designs and the proposed actions. Some of the actions informed by coordinated actions include working closely in KPCH and looking for new areas around the main sewer lines, community based approach for KPCH as well as the UXO actions and the impact this may have on other actions and villages.

3.12 Future Outlook

- The team is working hard to ensure that we are able to deliver the committed actions within the agreed timelines. This commitment is severely affected by the pandemic situation which has aggravated in the months of February 2021. The team is committed to producing good proposals within a short time for the consideration of the bank.
- The intent is to make use of the project funds to create demonstrative pieces of support, which can be used as test pilots and developed into better actions. These revised actions will be thereafter tendered or routed through the other norms and ways of implementation beyond our scope.
- The project team is hopeful that the actions will be fast tracked soon, the implementation actions will start in the field and the community in need will be served after a long wait.

3.13 Challenges in Operational Geography

- The global pandemic situation has affected the situation considerably and due to the delays in the award of the contracts for the toilets in Pursat, the community is restive about the delays in the small-scale sanitation actions while the needs continue to rise. The community is questioning the CMEI team members each time and they have to provide a 'politically correct' response to ensure the continuity of the relationship and not upset the provincial department teams.
- The ADB has indicated in the MoU "guidance for the NGO by ADB and MPWT is required, following the cancellation of the embankment subproject in Kampong Chhnang. The suggestions of the ABD- MTR on the proposed actions in the village is as per our discussion in the field. Given the dropping of the embankment, we have to leave the current operational village of "Chong Kosh" in Kampong Chhnang. Once the official notification is provided, we will initiate a phased exit from the Chong Kosh village with due information to the stakeholders we have worked with. The project may continue to provide time bound (spaced periodically) to the vulnerable communities through the life of the larger project.
- The timelines for the project will have to be relooked; the linked actions (CW-09) will now mean that the CMEI actions can start a little before (2-3 Months prior) the actual construction of the sewer network. This is a necessary action for community mobilisation and aid in better long-term ownership of the structures and lead to sustainable development post closure of the funded actions.

4. Gender and Social Inclusion

- The project is focusing on Women in a major way, targeting the female-headed households within the ID Poor 1 and 2 to ensure better delivery of the CMEI project and also the development of the project documentation for the Sanitation grants. The operational areas is a predominantly agrarian patriarchal society setup.
- The project has continually and meaningfully engaged in consultations with women in Kampong Chhnang and Pursat. This has helped in prioritizing the needs of the women in small-scale infrastructure improvements (e.g., gender-specific requirements for public infrastructure, such as separate latrines for women with trash bins, if appropriate). The project is making all efforts to ensure at least 40% of participants in CMEI activities and training are women. The hygiene IEC campaigns covers topics focused on women (e.g., at least 30% of hygiene campaigns focus on menstrual hygiene and solid waste management) to be prioritized. Although this has been severely hampered by the pandemic situation in recent times.
- The CMEI has consulted the PMIS team on the community profile along with the extensive field level outreach actions. The Project is classified as 'Effective Gender Mainstreaming' (EGM) under the Asian Development Bank's (ADB) guidelines (March 2010). The Project impact is increased economic activities and environmental protection in towns in the Tonle Sap Basin and the outcome of the project will be improved urban services and enhanced climate change resilience in Kampong Chhnang and Pursat municipalities.
- The ADB mission noted the Quarterly Report prepared by the PMU includes updates on the implementation of the Gender Action Plan (GAP), however data for a number of indicators is missing and for others is not yet available as construction has not started. The CARM gender expert met with the PMIS during the mission and will coordinated to update the GAP with available data. The GAP targets for female representation in the USUs was re-iterated during the mission.
- The CMEI Gender Action Plan (GAP) has been prepared in accordance with ADB's Policy on Gender and Development (1998), ADB Operations Manual Section C2/BP (2010) Gender and Development in ADB Operations, the Government's goal to strengthen the role and social status of women through capacity building for women in all sectors, changing discriminatory social attitudes, and safeguarding women's rights to actively and equally participate in nation building as well as in coordination with the other components under the larger project.
- The Gender Action Plan includes specific gender actions to help ensure men and women actively participate in project activities, receive project information, and have access to opportunities during project implementation. In this report the performance indicators/targets of the plan as presented in the PAM have been reformulated based on the SMART criteria to be able to more accurately measure the level of achievement
 - a) The gender action plan (GAP) will support the implementation of gender-related decisions and mandates in the CMEI process, which may include priority areas, key activities and indicators, timelines for implementation, responsible and key actors and indicative resource requirements for each activity, and to further elaborate its review and monitoring processes.

- b) The GAP seeks to advance women’s full, equal and meaningful participation and promote gender-responsive climate policy and the mainstreaming of a gender perspective in the implementation of the CMEI project
 - c) Gender-responsive climate policy requires further strengthening in all activities concerning adaptation, mitigation and related means of implementation (finance, technology development and transfer, and capacity building) as well as decision-making on the implementation of climate policies (UNFCCC).
 - d) The GAP recognizes that gender-related action is being progressed across all areas of the project and with respect to the ADB gender guidelines.
 - e) The GAP seeks to enhance the understanding and expertise of stakeholders on the systematic integration of gender considerations and the application of such understanding and expertise in the thematic areas under the CMEI project action.
 - f) The GAP aims to ensure the respect, promotion and consideration of gender equality and the empowerment of women in the implementation of the project action.
- Women are increasingly seen as taking upon themselves more visible roles in community development, participating in all levels of community social affairs in central and local governments. This has been seen particularly in their participation in commune councils and in the community decision-making process. There is a need to ensure that the project is implemented in a systematic manner with a participatory approach experience gained during the project's implementation, they are now prepared and backed.

GENDER ACTION PLAN (GAP) MONITORING TABLE

- Project Title: **Integrated Urban Environmental Management in the Tonle Sap Basin**
- **Country:** Cambodia
- **Project No.:** CAM 42285
- **Type of Project (Loan/Grant/TA):** Loan 0454
- **Approval and Timeline:** 10 November 2015–30 April 2023
- **Gender Category:** Effective Gender Mainstreaming
- **Project Impact:** Increased economic activities and environmental protection in towns in the Tonle Sap Basin
- **Project Outcome:** Improved urban services and enhanced climate change resilience in Kampong Chhnang and Pursat municipalities

Output 3. Community mobilization and environmental improvements

GAP Activities <i>Indicators, and Targets, Timeframe, and responsibility</i>	Progress to Date <i>This should include information on the period of actual implementation, sex-disaggregated qualitative and quantitative updates (e.g. number of participating women, women beneficiaries of services, etc.) However, some would be in process-so explain what has happened towards meeting this target</i>	Issues and Challenges <i>Please include reasons why an activity was not fully implemented, or if targets fall short, or reasons for the delay, etc.</i>
Sanitation grants to IDPoor 1 and 2, including female-headed households if categorized as IDPoor 1 or IDPoor 2. Action 13: More data needed Responsibility: PMU, PIUs, PMIS consultants, NGOs, municipal, sangkat (sub-district), commune and village authorities, PDOWA, and WCCC Time: 2020 up to 2021	<ul style="list-style-type: none"> • The selection of ID Poor 1 and 2 for providing the toilet constructions has already included the female-headed households for sanitation grants project. • The DDR of the project has been finally approved and is uploaded on the ADB website in the end of December 2020 • The bidding procedural work has finally started in the end of December and will be completed in January 2021 	<ul style="list-style-type: none"> • This action is delayed
Meaningfully consultations with women in Kampong Chhnang and Pursat on priority small-scale infrastructure improvements (e.g., gender-specific requirements for public	<ul style="list-style-type: none"> • The design process for the community interventions in both provinces was informed by meaningful and continual consultations with the project participants. Women folk formed the majority of the participants and respondents to 	<ul style="list-style-type: none"> • This action is yet to be approved under the small-scale sanitation grants.

<p>infrastructure, such as separate latrines for women with trash bins, if appropriate).</p> <p>Action 14: More data needed</p> <p>Responsibility: <i>PMU, PIUs, PMIS consultants, NGOs, municipal, sangkat (sub-district), commune and village authorities, PDOWA, and WCCC</i></p> <p>Time: 2018 - 2021</p>	<p>the assessments. The key issues of access, privacy and special needs were drafted through this process and is well representative of the community needs. prioritized to the women needs, accessibility and privacy as well as use.</p> <ul style="list-style-type: none"> • The outcomes include- HH latrines and water filters, trash bins and mass awareness campaigns for community level. • The Project is studying the public infrastructure options for KPCH, all such structures will be designed will to meet the MRD minimum standard for the toilets. • These public infra actions will cover the needs of separate units for women and men along with the provisions of trash bins inside the toilets for managing the women menstrual hygiene management needs as well as needs, accessibility and privacy. • The project has continued to identify areas for small-scale infrastructure interventions and will be sharing detailed actionable plans in the coming quarter. 	<ul style="list-style-type: none"> • Once approved, these committed actions will implemented. • This is subject to the agreement with the provincial authorities and stakeholder groups on O&M • Most of the ground work is complete • The project has continually tried to incorporate the inputs and needs of the community and the revision of latrine design is a testimony to this action
<p>At least 40% of participants in CMEI activities and training are women</p> <p>Target 1:</p> <p>Responsibility: <i>PMU, PIUs, PMIS consultants, NGOs, municipal, sangkat (sub-district), commune and village authorities, PDOWA, and WCCC</i></p> <p>Time: 2018 - 2021</p>	<ul style="list-style-type: none"> • The project has continually ensured that the women participation in the project actions are higher than the set standard. • The Project has conducted trainings topics of Health and Hygiene Promotion, Hazard Vulnerability Capacity Assessment/ participatory vulnerability capacity assessment, Disaster Risk Reduction and Climate Change Adaptation. • A total of 350 vulnerable community members have been trained. • Of the participants, 61% were women (215), 13% were elders (45), 8% were students (27) and 7% were specially abled (7 physically challenged). • The process of design and implementation for CMEI Project is ensuring active women's participation in the target communities and schools in close collaboration and coordination with PIU and PDOWA, WCCCs as well as NGOs who implement WASH activities in the operational Geography. 	<ul style="list-style-type: none"> • The project foresees a continual and higher degree of participation as we move more towards the solid waste management and septage management processes.

<p>Hygiene IEC campaigns covers topics that are important for women (e.g., at least 30% of hygiene campaigns focus on menstrual hygiene and solid waste management).</p> <p>Target 2: not yet due</p> <p>Responsibility: PMU, PIUs, PMIS consultants, NGOs, municipal, sangkat (sub-district), commune and village authorities, PDOWA, and WCCC</p> <p>Time: 2020 - 2022</p>	<ul style="list-style-type: none"> • The public health trainings have covered a series of women and child based topics including maternal and child care, mensural hygiene, solid waste management and environmental sanitation and will continue • This action will prioritize, at least 50% of menstrual hygiene and solid waste management topics along with the training actions. • Public health campaigns and trainings in the month of October had been conducted in Kampong Channang. The continual Covid19 related breakups have affected the implementation plans. 	
<p>Capacity development and IEC materials will be gender-sensitive.</p> <p>Action 15: On-track</p> <p>Responsibility: PMU, PIUs, PMIS consultants, NGOs, municipal, sangkat (sub-district), commune and village authorities, PDOWA, and WCCC</p> <p>Time: 2020 - 2022</p>	<ul style="list-style-type: none"> • The CMEI Project has published a first round of IEC posters which were certified by MRD and the WATSAN group Cambodia and have been disseminated in the field with good receptivity • The project team has consulted with the ADB gender focal on the need for newer IEC materials with special focus on Women specific needs- this action will be actioned in the next phase of programming. • The project is continually liaising with other INGOs and focus groups for the sharing of relevant IEC materials which are already developed to ensure cost effectiveness (on preparation part) and enhanced options (on dissemination) part. • This is a continual action. 	<ul style="list-style-type: none"> • Most of the ground work is complete • The action will be actioned in the next phase

5. Financials

- The original Contract No. MPWT/PMU/IUEMTSP/QBS/004 dated 17 Jan 2018 is supplemented with a Variation order no.1, dated 15 July 2019 and Variation order no.2, dated 16 March 2020 for providing Services of NGO Support for Community Mobilisation and Environmental Improvement (Package IV) for the project- Integrated Urban Environmental Management in the Tonle Sap Basin Project.
- The project is funded under ADB Grant: 0454-CAM (SCF) (The Project), contract amount of US\$ 1,267,214 (total remuneration= US\$ 908,754 total reimbursable = US\$ 231,550 Provisional sum= US\$ 125,660 and contingency= US\$1,250).
- The financial spending in the current quarter is low as compared to the planned outputs in line with the implementation action plan due to the Covid19 pandemic situation. The project is proposing for a VO-03 in the form of Non Cost variance order to overcome the delays.
- The Reimbursable Costs are provided to cover the additional travel and subsistence costs, associated with these increases in person-months.
- The project will design and print Information, Education and Communication (IEC) posters to supplement the training actions. The CMEI project will follow the project's focus to aid the training and capacity building actions in the poor and vulnerable communities. The NGO shall continuously provide key information updates to communities on the activity plans through banners, flyers, community meetings, one-on one meetings and the installation of noticeboards at all action sites highlighting key project information including timeline, objectives and budget.
- The Project will procure software, training and equipment support needed for digital data gathering and information management in the provinces need based.
- The additional costs to execute the aforesaid activities requires an extension of the contract by 24 months for implementation of the same.
 - a) Change in scope of works in Contract No. MPWT/PMU/IUEMTSP/QBS/004 to include enhanced work on Septage Management and Solid Waste Management in the field
 - b) The Total Remuneration Costs are increased by US\$ 6280.48
 - c) The Total Reimbursable Costs are increased by US\$ 7,260.00
 - d) The Provisional Sum is decreased by US\$ 13,540.48
 - e) The Contract Ceiling in Foreign Currency (Clause 41.2 of the SCC) is increased by US\$ 0.00

6. Human Resources

6.1 Team management

- The team has been working in the right spirits continually over the implementation phase. Team members are able to understand each other as they work with each other. Although the mobilisation of the team is severely affected due to the Covid 19 scenario, the mutually beneficial team bonding has resulted in better convergence and assimilation of ideas, which is proving helpful for the project action. The periodic program meetings have resulted in ensuring the continual training of the staff on key thematic areas.
- The TL and the PMU had a series of meeting the planning of the CMEI project to manage the delays in implementation and the shrinking mobilisation time for the team resulted in the proposed VO-03 changes.
- It is proposed to merge two positions to make a single position of Programme Associate focused on emerging needs of the project to cover SWM, Flood Resilience, Public Health and Gender. Further, the office assistant and community mobiliser positions will be discontinued and their responsibilities will be managed by the administrator and the provincial project officer respectively. The proposed actions will provide agility and better implementation support to the actions.

6.2 Additional Input proposed under VO3

- In order to ensure initiate and complete the proposed activities, the project needs the following staffing arrangements. This is to ensure continual and effective supervision and hand holding support for the project actions. The detailed mobilisation is provided in the implementation schedule give in the annexures.
 - i. **Team Leader (International):** The person-months for the role holder are increased by 4.85 person-months to aid the full implementation of the enhanced project actions. The home base for the TL is also changed to field base in accordance of the changed operating environment due to the global pandemic.
 - ii. **Administrator (National):** The person-months for the role holder are increased by 6.10 person-months to aid the full implementation of the enhanced project actions including continual MPWT liaison and billing management & book keeping actions for the organization.
 - iii. **Climate Change Advisor (National):** The person-months for the role holder are increased by 0.53 person-months to augment the support for the team and to provide guidance on key thematic of DRR and climate change which we factor will be needed
 - iv. **Programme Associate (National):** The person-months for the role holder will be 5 person months to aid the full implementation of the enhanced project actions.
 - v. **Project Coordinator x2 (National) :** The PC role in Kampong Channang is decreased by 6.06 person months and PC- Pursat is increased by 0.88 person-months

- vi. **Civil Engineer (National):** The person-months for the role holder is increased by 4 person-months to aid the actions of the hardware construction's supervision and monitoring.
- vii. **Discontinuation of Office Assistant, Hygiene and Gender Promotion Specialist and Environment/ WASH Engineer (3x National roles):** the positions will be discontinued and the savings used for additional mobilization of other roles. The person-months for the office assistant is decreased by 27.67 person-month, 13.87 person-month for Hygiene and Gender Promotion Specialist and 1.86 person-month for Environment/ WASH Engineer.
- viii. **Change of CM to Provincial Project Officer in Kampong Channang:** the role holder has provided efficient services from the start of the project and has sound institutional memory. Hence, it is proposed to upgrade the role holder to the higher position, which is vacant now.

6.4 List of CMEI team members and ToR

Table 3: List of CMEI Team and ToR

Position	ToR
Team Leader /Community Development Manager	<ul style="list-style-type: none"> • Over all accountable for the management of project including the project and operations management. Responsible for managing the assign team for delivery of the project results and performance of individual team members • Report to designated PMU as well as WEDC CEO or any other designated directors in due course. Manage seamless national level coordination and communication with the key stakeholders in MPWT and key PIU members in targeted provinces. Responsible for providing regular updates internally and externally as agreed in the project agreement with MPWT and ADB adhering the standards, format and procedures set by ministry and ADB • Responsible for the project compliance in accordance of WEDC, PADEK internal compliance procedures and systems. Responsible for the project compliance in accordance of ADB and MPWT compliance procedures and systems • Taking lead in setting out the strategy and project operation strategies, coordination and communication strategies. Taking lead and helping the provincial coordinators for project implementation and sub national level coordination with key stakeholders. Maintaining the good relations with in-country key stakeholders
Climate Change Advisor	<ul style="list-style-type: none"> • Over all accountable for the management of project including the project and operations management. Responsible for managing the delivery of the project results and performance of individual team, members. Report to designated PMU and Manage seamless national level coordination and communication with the key stakeholders in MPWT and key PIU members in targeted province.
Provincial Project Officer	<ul style="list-style-type: none"> • Field coordination working closely with field staff, partners' agencies and Government Departments. Organizing internal meetings, Leading reporting to donor, working with teams across both agencies to follow up on implementation, identifying gaps and challenges and working with teams to find a solution. Prepare the provincial work plan, implementation of work plan, Coordinate the implementation of the program, monitor field activities across the province and ensure respect of implementation deadline. Ensure consistency of interventions between the provinces and work with the CCA, WASH coordinators and MEAL coordinators to capture lessons learnt. Document the processes, lessons learned, best practices, case studies and other relevant information regularly • Additional scope for solid waste consultations and assessment and ID Poor survey for networked sewer areas
Community Mobiliser	<ul style="list-style-type: none"> • Day to Day field coordination and coordinate the implementation of the program, ensure consistency of interventions between the provinces and work with the CCA, WASH coordinators and MEAL coordinators to capture lessons learnt. Conduct ongoing evaluation of the actions taken and propose corrective measures if necessary. • Additional scope for solid waste consultations and assessment and ID Poor survey for networked sewer areas

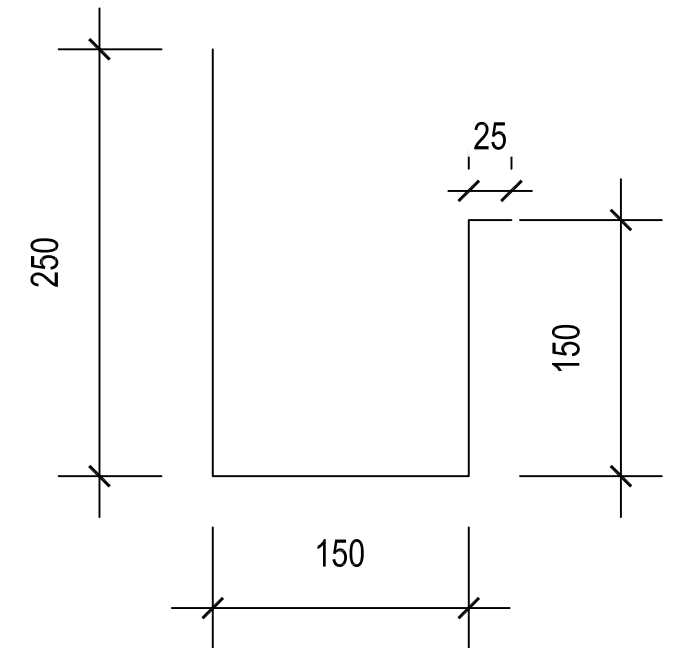
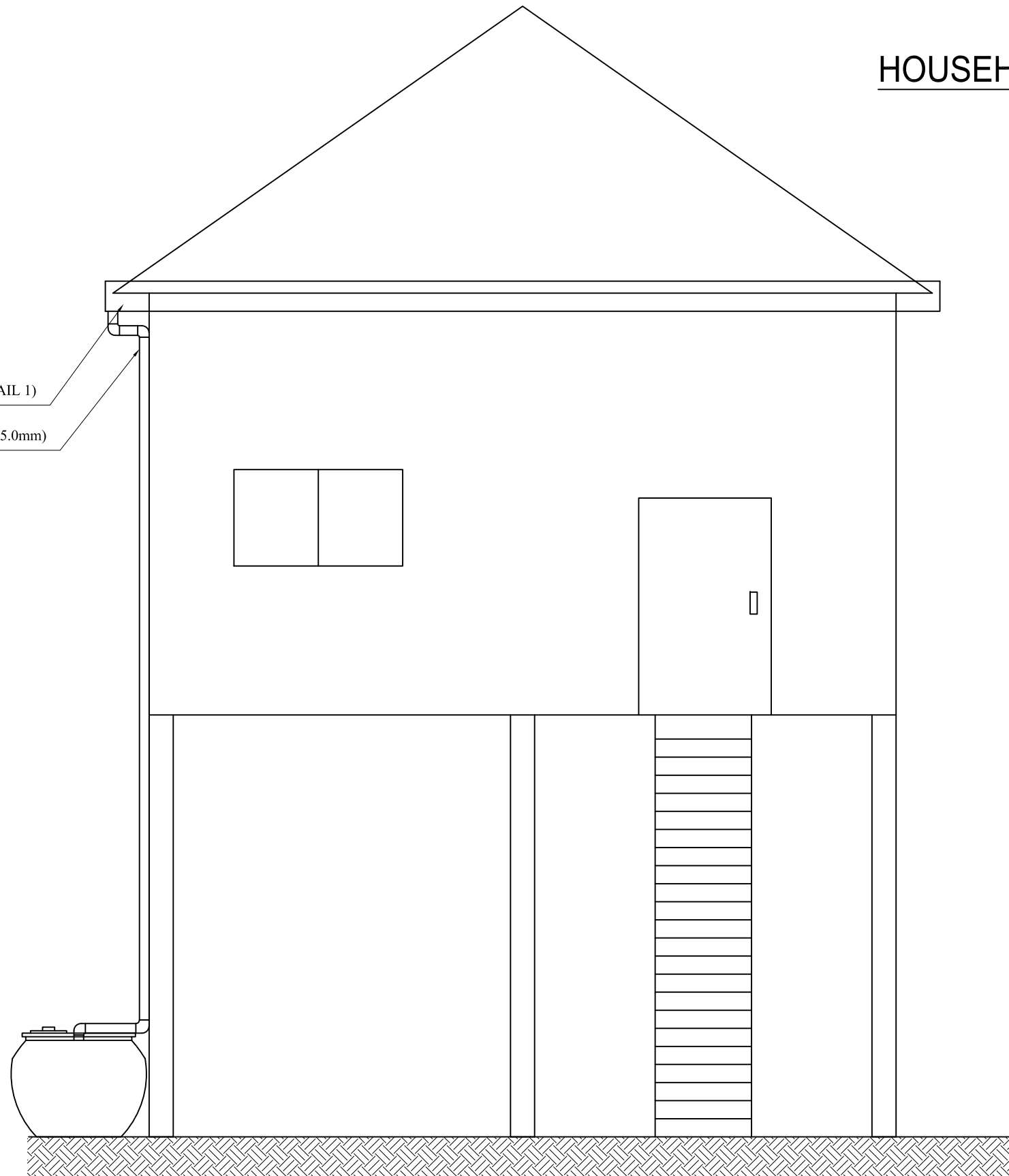
Position	ToR
Provincial Project Officer	<ul style="list-style-type: none"> • This role provides coordination in the field for the lead agency working closely with field staff, partners' agencies and Government Departments. Organizing internal meetings, Leading reporting to donor, working with teams across both agencies to follow up on implementation, identifying gaps and challenges and working with teams to find a solution. Prepare the provincial work plan, implementation of work plan, Coordinate the implementation of the program, monitor field activities across the province and ensure respect of implementation deadline. Ensure consistency of interventions between the provinces and work with the CCA, WASH coordinators and MEAL coordinators to capture lessons learnt. Document the processes, lessons learned, best practices, case studies and other relevant information regularly • Additional scope for solid waste consultations and assessment and ID Poor survey for networked sewer areas
Civil Engineer	<ul style="list-style-type: none"> • To assess the need for household sanitation needs, classify them into Water, Sanitation and Hygiene at household level and community level. Provide detailed process methodology for the construction of sanitation facilities in house (individual basis), schools and other key locations (community level) in villages selected by the CMEI. Provide needs in numbers (quantity) and potential benefits from the proposed actions. Provide technical designs, BoQ supported by market assessment for pricing actions. • Prepare technical documentation including drawings, bills of quantities and technical specification work of latrine and well. Train HHs committee who are responsible for monitoring construction work on how to monitor and follow up quality of construction materials and process of construction work. To ensure effective and all-round women participation in project's activities/trainings.
Environmental/WASH Engineer	<ul style="list-style-type: none"> • work to ensure that water, sanitation and hygiene (WASH) project are implemented effectively, professionally, and in accordance with the culture and practices of the local population and CMEI's Project, Conduct technical assessments of selected WASH infrastructure identified for construction and rehabilitation, Prepare technical intervention designs and BOQs as well as specifications, Assist the Team Leader in preparing contracts and supervising contracted works to ensure compliance with technical requirements and schedules, Monitor ongoing projects and prepare for handover of completed works to communities and local authorities, • Responsible to monitor the daily latrines construction process and other infrastructures process including the preparation of contracts and insure the planned quantity of water is provides in the right way, Facilitate water-testing activities to ensure water quality improvements and sustainability over time.

Annexures

HOUSEHOLD ROOF WATER HARVESTING SUPPORT

GUTTER (Zinc 0.4mm) (DETAIL 1)

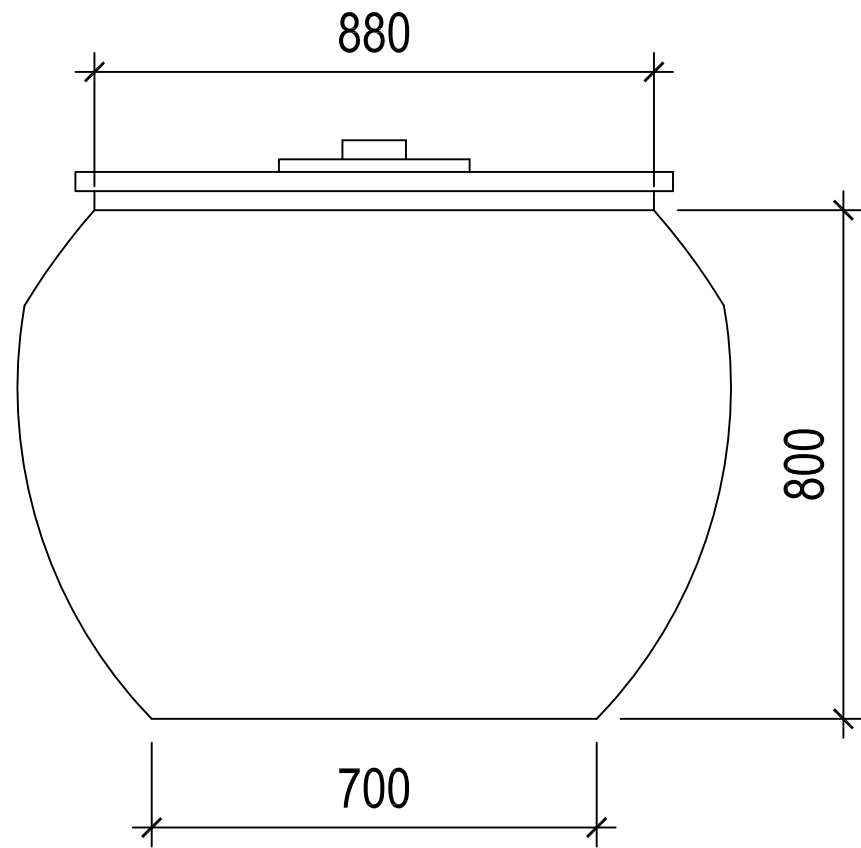
PVC PIPE (D=80mm,Th=5.0mm)



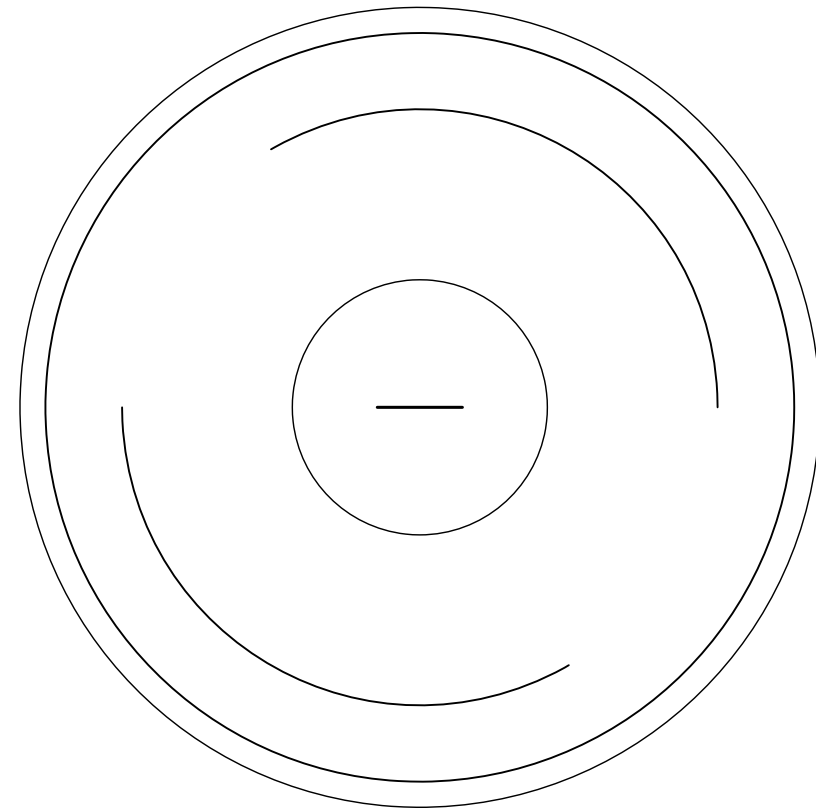
DETAIL 1

	DRAWN BY:	VETH VOEUN	<p>KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT</p>	SUBMITTED BY:	DIPANKAR CHYAU PATNAIK	REV.	DESCRIPTION	DATE	PROJECT: <i>Integrated Urban Environment Management in the Tonle Sap Basin Project</i> ADB Grant: 0454-CAM(SCF)	SCALE:	AS SHOWN
	DESIGNED BY:	VETH VOEUN		SUBMITTED BY:	VONG PISITH PROJECT DIRECTOR	1				DRAWING TITLE: <i>HOUSEHOLD ROOF WATER HARVESTING SUPPORT</i>	DRAWING NO.
	CHECKED BY:	DIPANKAR CHYAU PATNAIK		DATE:		2					
						3					
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				5							

WATER STORAGE CONTAINER (CONCRETE)

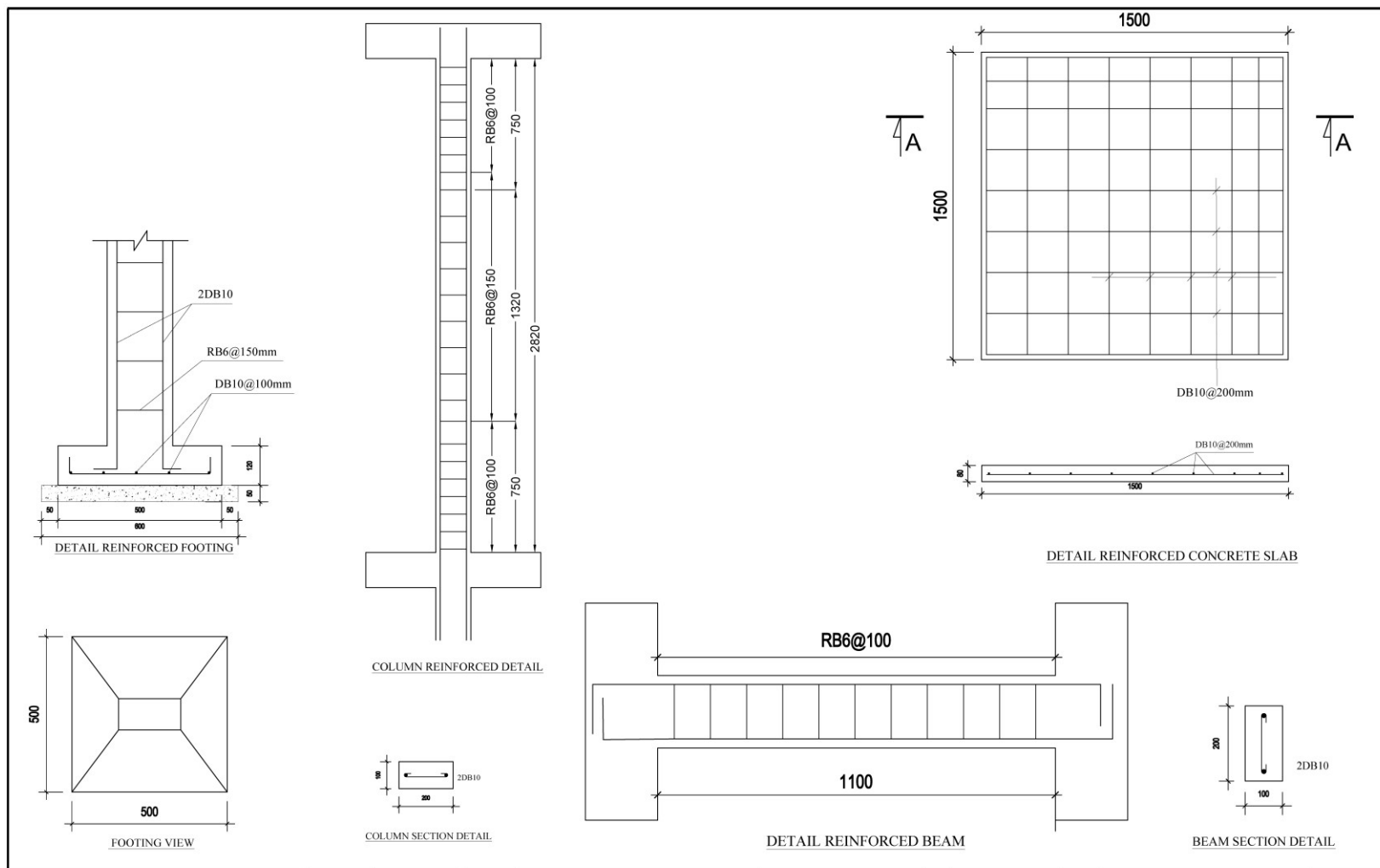


ELEVATION PLAN VIEW

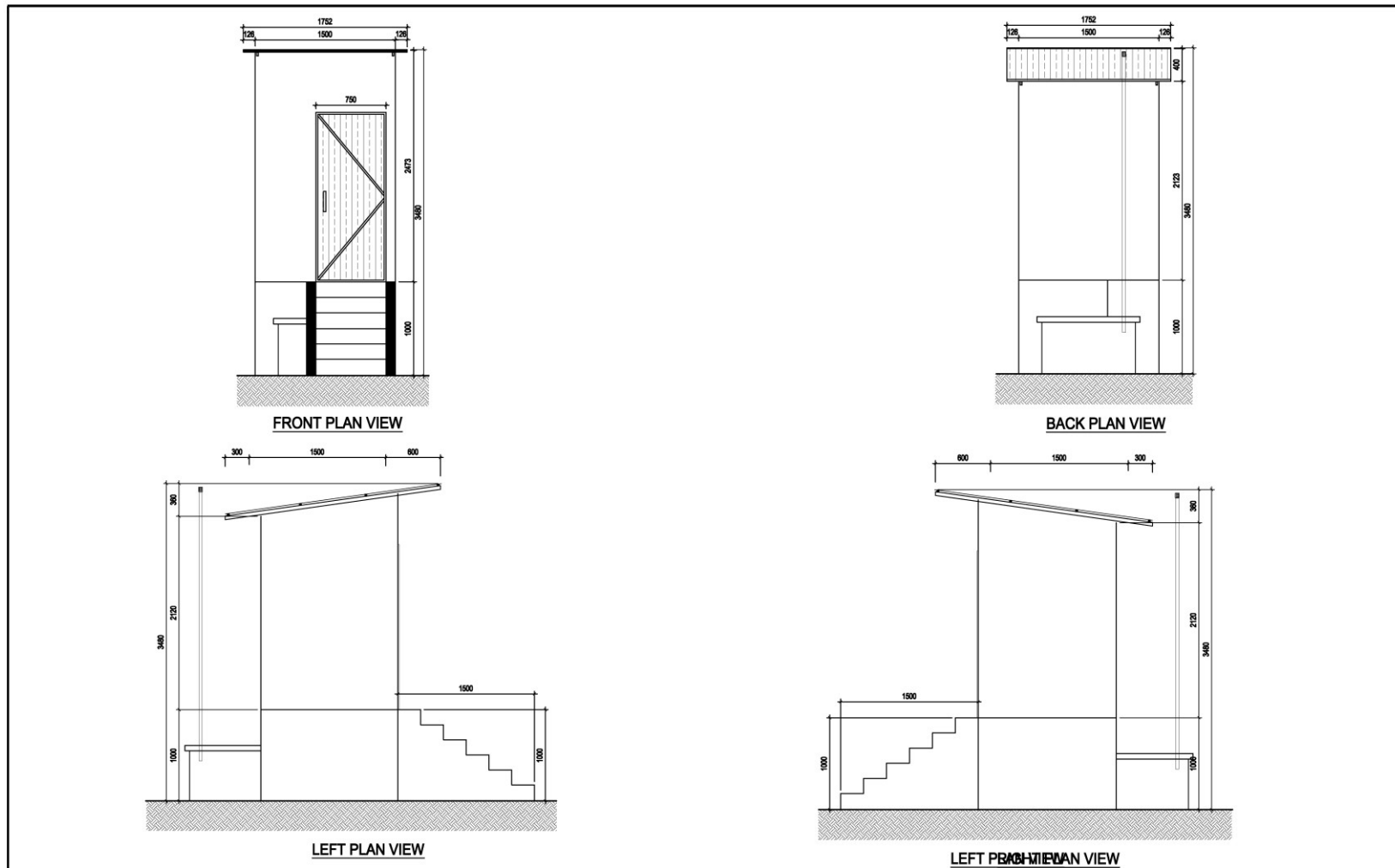


TOP PLAN VIEW

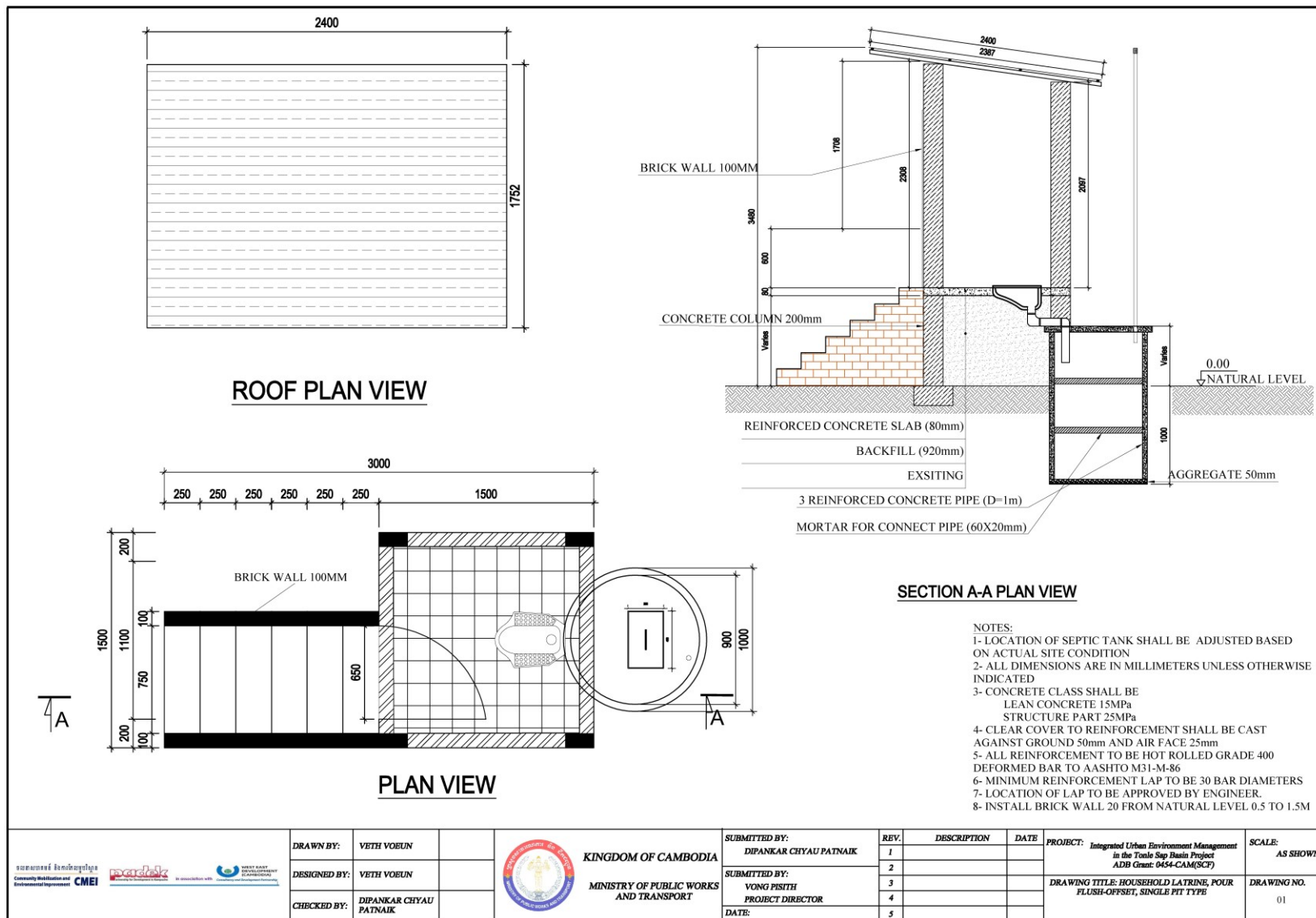
	DRAWN BY:	VETH VOEUN		SUBMITTED BY:	REV.	DESCRIPTION	DATE	PROJECT: <i>Integrated Urban Environment Management in the Tonle Sap Basin Project ADB Grant: 0454-CAM(SCF)</i>	SCALE:
	DESIGNED BY:	VETH VOEUN		DIPANKAR CHYAU PATNAIK	1				
	CHECKED BY:	DIPANKAR CHYAU PATNAIK			VONG PISITH PROJECT DIRECTOR	2			
KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT				DATE:	3			DRAWING TITLE: WATER STORAGE CONTAINER (CONCRETE)	DRAWING NO.
					4				
					5				

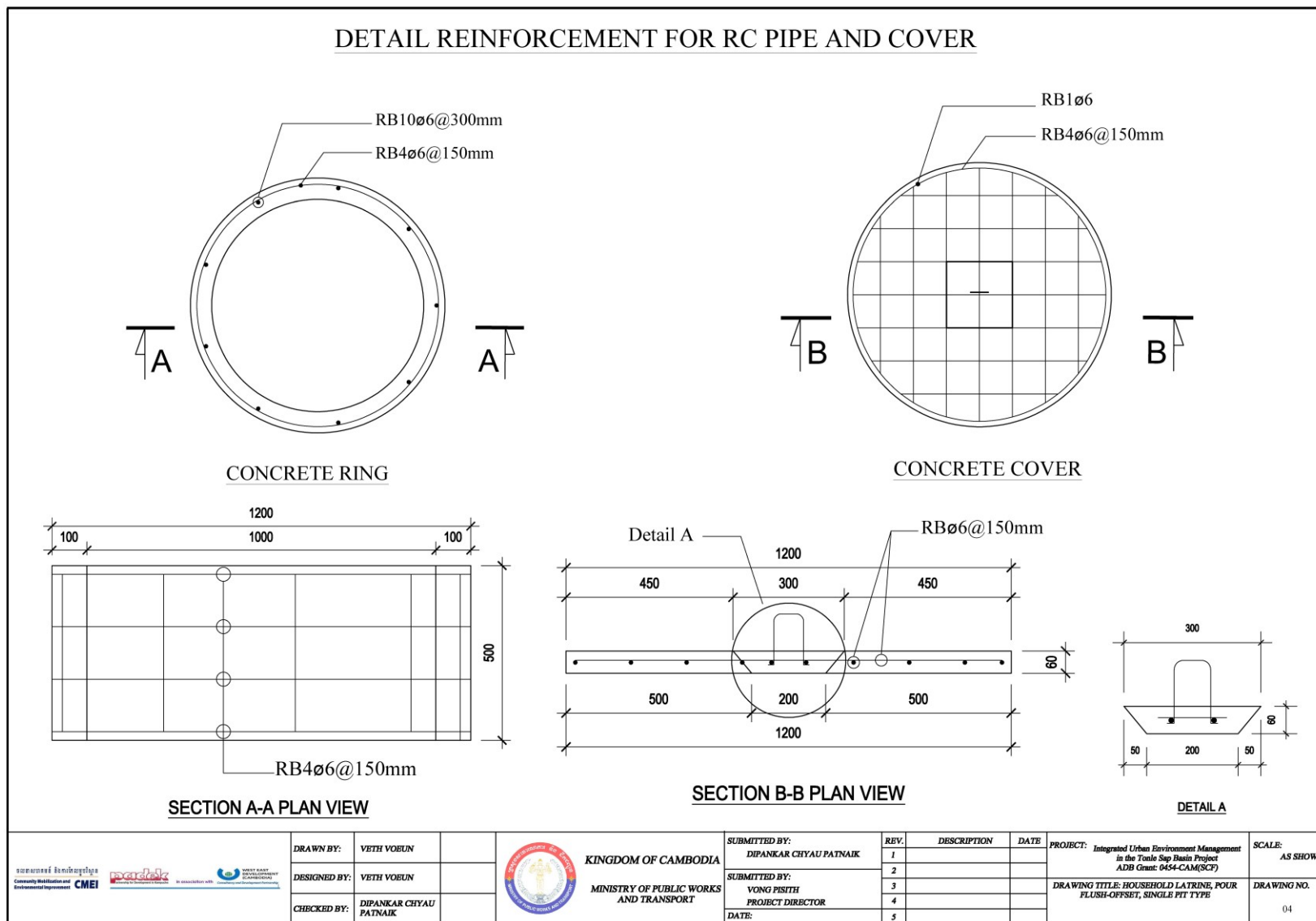


	DRAWN BY:	VETH VOEUN	<p>KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT</p>	SUBMITTED BY:	DIPANKAR CHYAU PATNAIK	REV.	DESCRIPTION	DATE	PROJECT: <i>Integrated Urban Environment Management in the Toul Sap Basin Project ADB Grant: 0454-CAM(SCT)</i> DRAWING TITLE: HOUSEHOLD LATRINE, FOUR FLUSH-OFFSET, SINGLE PIT TYPE	SCALE:	AS SHOWN
	DESIGNED BY:	VETH VOEUN		SUBMITTED BY:	VONG FISITH	1					
	CHECKED BY:	DIPANKAR CHYAU PATNAIK		PROJECT DIRECTOR		2					
				DATE:		3					
						4					
				5				DRAWING NO.	03		



	DRAWN BY: VETH VOEUN	KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT	SUBMITTED BY: DIPANKAR CHYAU PATNAIK	REV. 1	DESCRIPTION	DATE	PROJECT: Integrated Urban Environment Management in the Toul Sap Basin Project ADB Grant: 0454-CAM(SCP) DRAWING TITLE: HOUSEHOLD LATRINE, POUR FLUSH-OFFSET, SINGLE PIT TYPE	SCALE: AS SHOWN DRAWING NO. 02
	DESIGNED BY: VETH VOEUN		SUBMITTED BY: VONG FISITH PROJECT DIRECTOR	REV. 2				
	CHECKED BY: DIPANKAR CHYAU PATNAIK		DATE:	REV. 3				
				REV. 4				
				REV. 5				





Our Reference No: **PMIS-PMU 010**

Phnom Penh, 10th February 2021

To: **Mr. SY Vuth,**
Pursat PIU Manager
Department of Public Works and Transport

Subject: **Request for Meeting to Discuss about Machinery/Equipment List for Purchasing for Solid Water Management (SWM) in Pursat Town, IUEMTSB Project (Tonle Sap I)**

Dear Sir,

Refer to Term of Reference (TOR) of the project, we would like to request you to have a meeting on 16th February 2021 at 3:00PM with local authority as mentioned in subject above to discuss about machinery/equipment list to be procured because Landfill construction activities will complete soon.

We would also like to inform you that PADEK and PMIS Consultants will attend this meeting.

Thanks you for your kind assistance and cooperation.

Sincerely yours,



Louis Rijk
Team Leader/ Municipal Engineer

cc: PMU

Our Reference No: **PMIS-PMU 011**

Phnom Penh, 10th February 2021

To: **Mr. CHHOUR Chanrithy,**
Kampong Chhang PIU Manager
Department of Public Works and Transport

Subject: **Request for Meeting to Discuss about Machinery/Equipment List for Purchasing for Solid Water Management (SWM) in Kampong Chhnang Town, IUEMTSB Project (Tonle Sap I)**

Dear Sir,

Refer to Term of Reference (TOR) of the project, we would like to request you to have a meeting on 17th February 2021 at 10:00AM with local authority as mentioned in subject above to discuss about machinery/equipment list to be procured because Landfill construction activities will complete soon.

We would also like to inform you that PADEK and PMIS Consultants will attend this meeting.

Thanks you for your kind assistance and cooperation.

Sincerely yours,



Louis Rijk

Team Leader/ Municipal Engineer

cc: PMU



Visit Report

Consultation on SWM equipment at Provincial Level

1. Places:	<ul style="list-style-type: none"> Pursat and Kampong Channang
2. Purpose:	<ul style="list-style-type: none"> to consult and ascertain the possible equipment for solid waste management to be procured for the provincial authorities in Pursat and Kampong Channang
3. Dates	<ul style="list-style-type: none"> 16 Feb 2021 - Pursat 17 Feb 2021- Kampong Channang
4. Team	<ul style="list-style-type: none"> a) Er. Louis Rijk – Team Leader PMIS b) Er. Srey Socheat, Deputy Team Leader, PMIS c) Dr. Dipankar Chyau Patnaik, Team Leader, CMEI
5. Discussion Points	
5.1. Phases of Procurement	<p>There are two phases of Equipment procurement for the landfill</p> <ul style="list-style-type: none"> a) essential (phase 01) b) non-essential/ gap filling (phase 02)
5.2. What are the equipment needed for Waste collection	<ul style="list-style-type: none"> a) larger bins at community level b) small bins at household level (they need bins with lids) c) collection carts for the collection <p><i>Note: KPCH did not want any household bin supports at the consultations stage but will come back after detailed internal consultations</i></p>
5.3. who will manage the waste management actions	<p>Four options were considered and discussed</p> <ul style="list-style-type: none"> • Option 01-Province • Option 02-Contractors • Option 03-Community <ul style="list-style-type: none"> ○ School ○ Students ○ Youth ○ Households • Option 04 (KPCH) • the contractors use the equipment available with the provincial authority • <i>Note: questions remained about the informal waste collectors</i>
5.4. Key Stakeholders	<ul style="list-style-type: none"> • Provincial Authorities • Waste Generators • Informal Waste Collectors
5.5. Pursat Discussions – Specifics	<ul style="list-style-type: none"> • they don't need anything for the market • need bins with lids for the households • Key requirements are bins with lids – to be confirmed- one per household?



**Consultation on SWM equipment at Provincial Level
Pursat and Kampong Channang**
February 2021



<p>5.6. KPCH Discussions – Specifics</p>	<p>Household level waste management</p> <ul style="list-style-type: none"> • they do not want house based bins distribution • the province wants a couple of bins to be placed at vantage locations on a street and each household will go to the bin and leave the garbage there • the source segregation will be decided prior to the action finalisation • the provincial authority suggested 8,000 HHs in all • the beneficiary list has to come from the PIU • if we give 3 bins (source segregation) then the total will be 24,000 • The participants agreed to provide the beneficiary list to the PIU and through the PIU to Padek
<p>6. Follow Up Actions</p>	<ul style="list-style-type: none"> • The consultant will share the list of possible solutions to both PIU’s to choose and let us know
<p>7. Expectations from Pursat and KPCH PIU</p>	<p>Beneficiaries</p> <ul style="list-style-type: none"> • The consultant team will beneficiaries from the PIU • the PIU needs to explain the basis of the selection of the HHs, CMEI can support the selection criteria formulation • the consultant teams will validate the list in coordination with the authorities <p>Locations</p> <ul style="list-style-type: none"> • PIU has to provide a set of locations for the support to be placed • CMEI can help in prioritising the zones if needed <p>M &E</p> <ul style="list-style-type: none"> • we will geocode the location to measure performance over time
<p>8. Possible Actions for CMEI</p>	<ul style="list-style-type: none"> • Training And Capacity building of the provincial authorities • massive Awareness Building • Policy Action on promotion of better waste management techniques/ practices • Provision of waste collection hand carts with two partitions to carry the garbage • Scorecard for change measurement of performance • Documentation support and white paper for the entry of private sector enterprises • Vermicomposting at the household level • Bins with lids for households • Campaigns on reducing Plastic Waste and promotion of Circular Economy

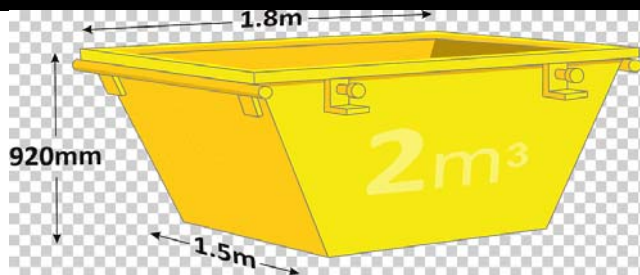


Possible Solutions for Solid Waste Management Equipment

a) Trucking Solutions



b) Skips / Skip Bins/ Containers





c) For Community Spaces



d) For Household Level



e) For waste collection workers within streets





f) tools and small equipment needed





Consultation on SWM equipment at Provincial Level
Pursat and Kampong Channang
February 2021



g) Awareness signposts at community levels with collection bin



h) Messaging at Public places





Consultation on SWM equipment at Provincial Level
Pursat and Kampong Channang
February 2021



i) IEC – Messaging Posters for wider Information dissemination





Consultation on SWM equipment at Provincial Level
Pursat and Kampong Chhnang
February 2021



Registration Sheets – Participant Information

បញ្ជីវគ្គប្រជុំ
List of Participation Meeting

ថ្ងៃទី.....ខែ.....ឆ្នាំ២០២១

ប្រជុំ.....

ល.រ N°	ឈ្មោះ និង ភេទ Name Sex	ភេទ Sex	អង្គការ Unit	មុខតំណែង Position	លេខទូរស័ព្ទ Phone number	ហត្ថលេខា Signature
1						
2	ស្រី ហ៊ុន	ស្រី	ក្រសួងសាងសង់	ប្រធានាធិការ	012 617426	
3	S. J. Kim	M		អគ្គនាយក	09 8 893063	
4	Dr. DIPANIKAR PATIRAPIC	M	PADEK	TL	0964027028	
5	Kinga Seeth	M	PADEK	CM	092785997	
6	Dr. គង់ សុខា	M	កម្ពុជា	ប្រធានាធិការ	010225586	
7	Dr. គង់ សុខា	M			012 940066	
8	ស្រី គង់ សុខា	ស្រី	ក្រសួងសាងសង់	ប្រធានាធិការ	015733030	
9	Dr. គង់ សុខា	M	KCC/PMIS	ប្រធានាធិការ	012802551	
10	Gray Sochet	M	PMIS	DTL	073488858	
11	Louis Ryk	M	PMIS	TL	077987046	
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**Consultation on SWM equipment at Provincial Level
Pursat and Kampong Chhnang
February 2021**



បញ្ជីចូលរួម
List of Participation Meeting

ថ្ងៃ: អង្គារ ១៧ ខែ ២ ឆ្នាំ ២០២១ លេខ: ៧៩ ៧៩ ៧៩ ៧៩

ល.រ N°	នាម Name	ភេទ Sex	អង្គការ Unit	ឋានៈ Position	លេខទូរស័ព្ទ Phone number	ហត្ថលេខា Signature
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2	ឆាយ ច័ន្ទ	ប្រុស	ក្រុមហ៊ុន ភី.អិ.អិ	ប្រធាន	012 91746	[Signature]
3	S. J. N. K.	ប្រុស		អគ្គនាយក	098 893063	[Signature]
4	Dr. PANICAR PANJAC		PADEK	TL	096402707	[Signature]
5	Kong Seeth	M	PADEK	CM	092785390	[Signature]
6	ឧបនាយករដ្ឋមន្ត្រី	ប្រុស	ក្រសួងសេដ្ឋកិច្ច	នាយករដ្ឋមន្ត្រី	010225536	[Signature]
7	ឧបនាយករដ្ឋមន្ត្រី	ប្រុស			012 940066	[Signature]
8	ឧបនាយករដ្ឋមន្ត្រី	ប្រុស	ក្រសួងសេដ្ឋកិច្ច	នាយករដ្ឋមន្ត្រី	015733 030	[Signature]
9	ឧបនាយករដ្ឋមន្ត្រី	ប្រុស	KCC/PMIS	នាយក	012802550	[Signature]
10	Srey Socheat	M	PMIS	DTL	097485858	[Signature]
11	Louis Ryk	M	PMIS	TL	07798746	[Signature]
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Consultation on SWM equipment at Provincial Level
Pursat and Kampong Chhnang
February 2021



Consultation Images – Pursat





Consultation on SWM equipment at Provincial Level
Pursat and Kampong Channang
February 2021



Consultation Images – Kampong Channang



End of Document

PROCUREMENT PLAN

Basic Data

Project Name: Integrated Urban Environmental Management in the Tonle Sap Basin Project	
Project Number: 42285-013	Approval Number: 3311/8295/0454
Country: Cambodia	Executing Agency: Ministry of Public Works and Transport
Project Procurement Risk:	Implementing Agency: N/A
Project Financing Amount: US\$ 52,600,000 ADB Financing: US\$ 37,000,000 Cofinancing (ADB Administered): US\$ 10,000,000 Non-ADB Financing: US\$ 5,600,000	Project Closing Date: 30 April 2023
Date of First Procurement Plan: 14 October 2014	Date of this Procurement Plan: 9 December 2020, Version 8
Advance Contracting: No	e-GP: No

A. Methods, Thresholds, Review and 18-Month Procurement Plan

1. Procurement and Consulting Methods and Thresholds

Except as the Asian Development Bank (ADB) may otherwise agree, the following process thresholds shall apply to procurement of goods and works.

Procurement of Goods and Works		
Method	Threshold	Comments
International Competitive Bidding for Goods	US\$ 1,000,000 and Above	
National Competitive Bidding for Goods	Between US\$ 100,001 and US\$ 999,999	The first NCB is subject to prior review, thereafter post review.
Shopping for Goods	Up to US\$ 100,000	
International Competitive Bidding for Works	US\$ 3,000,000 and Above	
National Competitive Bidding for Works	Between US\$ 100,001 and US\$ 2,999,999	The first NCB is subject to prior review, thereafter post review.
Shopping for Works	Up to US\$ 100,000	

Consulting Services	
Method	Comments
Quality- and Cost-Based Selection for Consulting Firm	
Quality-Based Selection for Consulting Firm	
Consultant's Qualification Selection for Consulting Firm	
Individual Consultant Selection for Individual Consultant	

2. Goods and Works Contracts Estimated to Cost \$1 Million or More

The following table lists goods and works contracts for which the procurement activity is either ongoing or expected to commence within the next 18 months.

Package Number	General Description	Estimated Value	Procurement Method	Review (Prior/Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
None							

3. Consulting Services Contracts Estimated to Cost \$100,000 or More

The following table lists consulting services contracts for which the recruitment activity is either ongoing or expected to commence within the next 18 months.

Package Number	General Description	Estimated Value	Recruitment Method	Review (Prior/Post)	Advertisement Date (quarter/year)	Type of Proposal	Comments
None							

4. Goods and Works Contracts Estimated to Cost Less than \$1 Million and Consulting Services Contracts Less than \$100,000 (Smaller Value Contracts)

The following table lists smaller-value goods, works and consulting services contracts for which the activity is either ongoing or expected to commence within the next 18 months.

Goods and Works								
Package Number	General Description	Estimated Value	Number of Contracts	Procurement Method	Review (Prior/Post)	Bidding Procedure	Advertisement Date (quarter/year)	Comments
CW09a	Toul Makak - Latrine	70,428.00	1	SHOPPING	Post		Q1 / 2021	Covid-19 Response? No Comments: Government SOP
CW09b	Kosh - Latrine	43,751.00	1	SHOPPING	Post		Q1 / 2021	Covid-19 Response? No Comments: Government SOP
CW09c	Household Sewerage Line Connections – Pursat and Kampong Channang	170,000.00	1	NCB	Post	1S1E	Q4 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Others Covid-19 Response? No Comments: Government SOP
CW09d	Environmental Improvement and Waste Management – Pursat and	210,000.00	1	NCB	Post	1S1E	Q3 / 2021	Prequalification of Bidders: N Domestic Preference

	Kampong							Applicable: N Bidding Document: Others Covid-19 Response? No Comments: Government SOP
CW09e	Community Preparedness and Disaster Resilience	182,603.00	1	NCB	Post	1S1E	Q2 / 2021	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Others Covid-19 Response? No Comments: Government SOP
G05	Manual Equipment for Pursat Drainage Maintenance and Flood Protection	72,000.00	1	SHOPPING	Post		Q3 / 2021	Covid-19 Response? No Comments: Government SOP
G06	Manual Equipment for Kampong Chhnang Drainage Maintenance and Flood Protection	36,000.00	1	SHOPPING	Post		Q3 / 2021	Covid-19 Response? No Comments: Government SOP
G09f	Household Sanitation Support	23,219.00	1	SHOPPING	Post		Q3 / 2021	Covid-19 Response? No Comments: Government SOP

Consulting Services

Package	General	Estimated	Number of	Recruitment	Review	Advertisement	Type of	Comments
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Number	Description	Value	Contracts	Method	(Prior/ Post)	Date (quarter/year)	Proposal	
None								

B. Indicative List of Packages Required Under the Project

The following table provides an indicative list of goods, works and consulting services contracts over the life of the project, other than those mentioned in previous sections (i.e., those expected beyond the current period).

Goods and Works							
Package Number	General Description	Estimated Value (cumulative)	Estimated Number of Contracts	Procurement Method	Review (Prior/Post)	Bidding Procedure	Comments
G07	Supply of Kampong Chhnang Solid Waste Management Equipment	740,000.00	1	NCB	Post	1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Covid-19 Response? No Comments: Harmonized bidding documents
G08	Supply of Pursat Solid Waste Management Equipment	820,000.00	1	NCB	Post	1S1E	Prequalification of Bidders: N Domestic Preference Applicable: N Bidding Document: Goods Covid-19 Response? No Comments: Harmonized bidding documents

Consulting Services							
Package Number	General Description	Estimated Value	Number of Contracts	Recruitment Method	Review (Prior/	Type of Proposal	Comments

					Post)		
None							

C. List of Awarded and On-going, and Completed Contracts

The following tables list the awarded and on-going contracts, and completed contracts.

1. Awarded and Ongoing Contracts

Goods and Works							
Package Number	General Description	Estimated Value	Awarded Contract Value	Procurement Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
CW06	Construction of Kampong Chhnang and Pursat Landfill Sites	2,570,000.00	2,212,729.57	NCB	Q3 / 2019		
CW05	Construction of Pursat Drainage and Treatment Plant	7,340,000.00	9,834,116.59	ICB	Q2 / 2019	30-DEC-19	

Consulting Services							
Package Number	General Description	Estimated Value	Awarded Contract Value	Recruitment Method	Advertisement Date (quarter/year)	Date of ADB Approval of Contract Award	Comments
CS01	Project Management and Implementation Support	4,672,987.00	4,206,913.00	QCBS	Q4 / 2015	03-NOV-16	
CS04	NGO Support for Output 3	830,000.00	829,878.00	QBS	Q1 / 2017	11-JAN-18	
IC01	Finance Assistant	21,120.00	21,120.00	ICS	Q4 / 2017	09-OCT-17	
CS05	Project Engineer	70,000.00	70,000.00	ICS	Q1 / 2018	23-APR-18	

D. National Competitive Bidding

A. Regulation and Reference Documents

1. The procedures to be followed for national competitive bidding shall be those set forth for the "National Competitive Bidding" method in the Government's Procurement Manual issued under Sub-Decree Number 74 ANKR.BK, updated version dated 22 May 2012 with the clarifications and modifications described in the following paragraphs. These clarifications and modifications are required for compliance with the provisions of the Procurement Guidelines.

2. For the procurement of ADB financed contracts under National Competitive Bidding (NCB) procedures, the use of harmonized national bidding documents (NCB and National Shopping) developed in consultation with development partners including ADB, is mandatory except where the Government and ADB have agreed to amendments to any part of the documents. The Procurement Manual also advises users to check the ADB website from time to time for any update on ADB documents, which form the basis, among others, of the existing harmonized national bidding documents.

B. Procurement Procedures

1. Application

3. Contract packages subject to National Competitive Bidding procedures will be those identified as such in the project Procurement Plan. Any change to the mode of procurement of any procurement package in the Procurement Plan shall be made through updating of the Procurement Plan, and only with prior approval of ADB.

2. Sanctioning

4. Bidders shall not be declared ineligible or prohibited from bidding on the basis of barring procedures or sanction lists, except individuals and firms sanctioned by ADB, without prior approval of ADB.

3. Rejection of all Bids and Rebidding

5. The Borrower shall not reject all bids and solicit new bids without ADB's prior concurrence. Even when only one or a few bids is/are submitted, the bidding process may still be considered valid if the bid was satisfactorily advertised and prices are reasonable in comparison to market values.

4. Advertising

6. Bidding of NCB contracts shall be advertised on the ADB website via the posting of the Procurement Plan. Borrowers have the option of requesting ADB to post specific notices in the ADB website.

C. Bidding Documents

5. Use of Bidding Documents

7. The Standard National Competitive Bidding Documents provided with the Government's Procurement Manual shall be used to the extent possible both for the master bidding documents and the contract-specific bidding documents. The English language version of the procurement documents shall be submitted for ADB review and approval in accordance with agreed review procedures (post and prior review) as indicated in the Procurement Plan. The ADB-approved procurement documents will then be used as a model for all procurement financed by ADB for the project.

6. Bid Evaluation

8. Bidders shall not be eliminated from detailed evaluation on the basis of minor, non-substantial deviations.

9. A bidder shall not be required, as a condition for award of contract, to undertake obligations not specified in the bidding documents or otherwise to modify the bid as originally submitted.

7. Employer's Right to Accept or Reject Any or All Bids

10. The decision of the Employer to accept or reject any or all bids shall be made in a transparent manner and involve an obligation to inform of the grounds for the decision through the bid evaluation report.

8. ADB Policy Clauses

11. A provision shall be included in all NCB works and goods contracts financed by ADB requiring suppliers and contractors to permit ADB to inspect their accounts and records and other documents relating to the bid submission and the performance of the contract, and to have them audited by auditors appointed by ADB.

12. A provision shall be included in all bidding documents for NCB works and goods contracts financed by ADB stating that the Borrower shall reject a proposal for award if it determines that the bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the contract in question.

13. A provision shall be included in all bidding documents for NCB works and goods contracts financed by ADB stating that ADB will declare a firm or individual ineligible, either indefinitely or for a stated period, to be awarded a contract financed by ADB, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices or any integrity violation in competing for, or in executing, ADB-financed contract.

COUNTRY

Kingdom of Cambodia

ADB LOAN AND GRANT NOS.

Grant: 0454-CAM (SCF)

CMEI: Community Mobilisation and Environmental Improvements Project

Contract No. MPWT/PMU/IUEMTSP/QBS/004 (Variation Order No. 3)

between

**The Ministry of Public Works and Transport (MPWT)
(The Client)**

and

**Partnership for Development in Kampuchea (PADEK) in association with
West East Development Cambodia Co., Ltd. (WEDC)
(The Consultant)**

For

**NGO Support for Community Mobilisation and Environmental Improvement
(Package IV)**

Dated: 01 March 2021

Variation Order No. 3
Ref.: Contract No. MPWT/PMU/IUEMTSP/QBS/004

- This Variation Order No. 3, dated 01 March 2021 is to amend Contract No. MPWT/PMU/IUEMTSP/QBS/004 dated 17 Jan 2018 between The Ministry of Public Works and Transport (MPWT) (The Client) and Partnership for Development in Kampuchea (PADEK) in association with West East Development Cambodia Co., Ltd. (WEDC) (The Consultant) for Consultant's Services for NGO Support for Community Mobilisation and Environmental Improvement (Package IV) (The Project).
- Whereas, the Client has already contracted Consultant (vide Contract No. MPWT/PMU/IUEMTSP/QBS/004 dated 17 Jan 2018-hereinafter called the "Original Contract"). This contract is supplemented with a Variation order no.1, dated 15 July 2019 and Variation order no.2, dated 16 March 2020 for providing Services of NGO Support for Community Mobilisation and Environmental Improvement (Package IV) for the project- Integrated Urban Environmental Management in the Tonle Sap Basin Project.
- The project is funded under ADB Grant: 0454-CAM (SCF) (The Project), contract amount of US\$ 1,267,214 (total remuneration= US\$ 908,754 total reimbursable = US\$ 231,550 Provisional sum= US\$ 125,660 and contingency= US\$1,250).
- WHEREAS, The CMEI project has been working with the most vulnerable communities in the project areas of the Tonle Sap Lake basin. The engagement has been fruitful and have completed the bulk of committed actions in the implementation period, excepting for the expanded scope of activities, due to site conditions (which were beyond the scope of the consultant) covered in this contract variation.
- **Variation Order 01:** The VO1 dated 15 July 2019 allowed the NGO to generate Detailed Engineering Designs (DED) for household latrines for Kampong Channang and Pursat and conduct awareness raising and promotion of Public Health in the targeted villages.
- **Variation Order 02:** The VO2 dated 13 March 2020 allowed the NGO to pursue new actions on Solid Waste Management, generate revised Detailed Engineering Designs (DED) for household latrines for Pursat and conduct awareness raising and promotion of Public Health in the targeted villages. The project has moved from the initial solution proposed of raised concrete and brick latrines to household connections to the centralised solution being implemented under the new package CW10. The NGO produced revisions of latrine designs, finalised the Due Diligence Report for the site actions, finalised the UXO clearances, produced detailed engineering designs for school sanitation plan in Kampong Chhnang, updated the procurement plan, provided relief for the flood affected communities in Pursat and continued with the public health promotion training, awareness raising and capacity building of the community members and public officials from the provincial and village authorities.

Rationale for Variation Order No. 3:

- The current implementation phase has been impacted by the Covid19 Pandemic and flooding in the Pursat River in 2020. Based on the discussions with the concerned parties including the Bank during the months of September- December 2020, it was agreed in principle to undertake a no-cost variation for PADEK. The NGO has proposed for changes in the operational modalities in terms of new actions in line with the revised and updated procurement plan and correspondingly a revised human resourcing strategy to ensure best fit and cost effectiveness.

Variation Order 3:

- The main activities will focus on Septage (Faecal Sludge) management, Solid Waste management and Public Health Management. The overall budget does not change. The NGO shall support the following activities in Kampong Chhnang and Pursat as detailed below:

Revised Scope of Work in Kampong Chhnang and Pursat

- The NGO will design and propose a new sanitation solution, at an average connection cost of \$500 per household or lower, for connecting the poor and vulnerable households (ID Poor 1 & ID Poor 2) to the centralised solution. Given the lack of tenural documentation with many of the poor and vulnerable communities. The household latrine solutions for the two villages in Pursat have been finalised and are now in procurement stage. The NGO will supervise the implementation work in this phase. The work on the solution for the village along the canal will be prioritised in the current phase and while the actual action is linked to the network sewer's laying, the NGO will engage in mass awareness and capacity building supports. The NGO will work through agreements, which are "temporary" in nature to be accepted by the Provincial Authority of Kampong Chhnang and Pursat for the hardware to be constructed on the land currently occupied by the target villages.
- The project will also provide equipment support to the poor and vulnerable communities to enhance the status of public health and the standard of living. This will also enable the support to reach the communities faster, which is usually delayed by the need for tenural documentation. It is also seen that smaller supports expand the reach and ensure better acceptance and motivation for larger actions of the future.
- The project will also prioritise the provision of supporting the informal sanitary workers and waste collection people and provide supports to them. This could include, collection bins, mobile collection carts, sorting areas with platforms in addition to training and capacity building supports. The NGO will consider existing successful models of community scale waste collection, desludging in informal settlements in proposing its solution and business model.

Key Activities: Accordingly, the scope of work has been revised to, but not limited to the following:

- a) **Capacity Building and Awareness Campaigns:** The NGO will focus on SWM, Public Health and Resilience. This will include possible ways to improve efficiency, enhancing equipment, training and exploring pathways to cost recovery, training and Capacity Building for waste management for waste pickers, authorities. Gender mainstreaming will also be an important action agenda for this implementation phase and will be worked out with the PMIS team. This will include design and printing of relevant IEC for dissemination and Information boards at vantage locations, Wall painting and murals, IEC distribution, volunteers for mass awareness.
- b) **DED Preparation, Construction Supervision and Monitoring support for vulnerable households connections:** The NGO will develop DED (drawings, specifications, BoQs) with support from PMIS, provide supervision and monitoring support for the construction actions. The NGO will create demonstrative prototypes on SWM and Flood resilience to be scaled up and these actions will inform the learning for the mass numbers tendering actions covering. This will include Individual HH latrine (in 2 villages of Pursat), canal site connections (Pursat), small facilities block (toilet, shower, food preparation and personal protection equipment storage area) at the new landfill site for approved recyclers, work with schools to make efficient School Sanitation Plans and structures in Kampong Chhnang. It is envisaged that the construction contracts will mostly be done by the contractor with some limited community participation facilitated by the NGO through goods contract for household level equipment (G09f).
- c) **Scoping for New Areas:** The NGO will move to new operational areas/ villages within the municipalities. The NGO will phase out from [Chong Kosh village in Kampong Chhnang](#) and [will scope for new villages within the proposed sanitation network improvement areas in the project area.](#)
- d) **Resilience enhancement:** this activity will ensure enhanced actions related to flood resilience for the operational area communities. This will include demonstrative prototypes to be scaled up and will inform the learning for the mass numbers tendering actions. This will include high raised platforms for evacuation, flood response support equipment's to the authorities including handheld transceiver (HT) (walkie talkies), sacks for sand bags, search and rescue equipment and other items as informed by due assessments at opportune times. These in kind supports will be supported by training and capacity building of vulnerable communities in getting better prepared for flood related measures.

Revised NGO Management:

- e) **Equipment supports for small demonstrative actions for future scale up:** the NGO will have an enhanced equipment budget line to respond to sudden needs and events like floods, and other unforeseen events.
- f) **Covid19 Response:** A limited Covid 19 action budget to include protection, communications support like protection gear, equipment, consumables and communications support for the team
- g) **Changes in Positions:** It is proposed to merge two positions to make a single position of Programme Associate focused on emerging needs of the project to cover SWM,

Flood Resilience, Public Health and Gender. Further, the office assistant and community mobiliser positions will be discontinued and their responsibilities will be managed by the administrator and the provincial project officer respectively. The proposed actions will provide agility and better implementation support to the actions.

A. Additional/deducted Input required under VO3

- In order to ensure initiate and complete the proposed activities, the project needs the following staffing arrangements. This is to ensure continual and effective supervision and hand holding support for the project actions. The detailed mobilisation is provided in the implementation schedule give in the annexures.
 - i). **Team Leader (International):** The person-months for the role holder are increased by 4.85 person-months to aid the full implementation of the enhanced project actions. The home base for the TL is also changed to field base in accordance of the changed operating environment due to the global pandemic.
 - ii). **Administrator (National):** The person-months for the role holder are increased by 6.10 person-months to aid the full implementation of the enhanced project actions including continual MPWT liaison and billing management & book keeping actions for the organization.
 - iii). **Climate Change Advisor (National):** The person-months for the role holder are increased by 0.53 person-months to augment the support for the team and to provide guidance on key thematic of DRR and climate change which we factor will be needed
 - iv). **Programme Associate (National):** The person-months for the role holder will be 5 person months to aid the full implementation of the enhanced project actions.
 - v). **Project Coordinator x2 (National) :** The PC role in Kampong Channang is decreased by 6.06 person months and PC- Pursat is increased by 0.88 person-months
 - vi). **Civil Engineer (National):** The person-months for the role holder is increased by 4 person-months to aid the actions of the hardware construction's supervision and monitoring.
 - vii). **Discontinuation of Office Assistant, Hygiene and Gender Promotion Specialist and Environment/ WASH Engineer (3x National roles):** the positons will be discontinued and the savings used for additional mobilisation of other roles. The person-months for the office assistant is decreased by 27.67 person-month, 13.87 person-month for Hygiene and Gender Promotion Specialist and 1.86 person-month for Environment/ WASH Engineer.
 - viii). **Change of CM to Provincial Project Officer in Kampong Channang:** the role holder has provided efficient services from the start of the project and has sound institutional memory. Hence, it is proposed to upgrade the role holder to the higher position, which is vacant now.

All Existing contracts will be extended as per the timelines mentioned above

B. Reimbursable costs

- The Reimbursable Costs are provided to cover the additional travel and subsistence costs, associated with these increases in person-months.

C. Provisional Sum:**C1. IEC – Information Education and Communication**

- The project will design and print Information, Education and Communication (IEC) posters to supplement the training actions. The CMEI project will follow the project's focus to aid the training and capacity building actions in the poor and vulnerable communities. The NGO shall continuously provide key information updates to communities on the activity plans through banners, flyers, community meetings, one-on one meetings and the installation of noticeboards at all action sites highlighting key project information including timeline, objectives and budget.

C2. Equipment:

- The Project will procure software, training and equipment support needed for digital data gathering and information management in the provinces need based.

Summary of Cost breakdown for VO3

The additional costs to execute the aforesaid activities is given in the table below while the detailed breakdown in given in Annexures 1a, b, & c:

Items	Original Contract	Vo No.01 (US\$)	Vo No.02 (US\$)	Variation No.3 (US\$)	Revised Contract Amount as per VO No.3 (US\$)
	1	2	3	4	3+4=5
A. Remuneration					
International Expert	221,760.00	221,760.00	372,960.00	48,888.00	421,848.00
National Expert	69,696.00	69,696.00	88,704.00	19,324.80	108,028.80
Support Staffs	246,672.00	329,954.00	447,090.00	(61,932.32)	385,157.68
Sub Total	538,128.00	621,410.00	908,754.00	6,280.48	915,034.48
B. Reimbursable Expense					
Sub Total	154,600.00	159,650.00	231,550.00	7,260.00	238,810.00
C. Provisional Sums					
Workshops & Training	20,000.00	20,000.00	75,692.00	(11,492.00)	64,200.00
IEC-Information, Education and Communication	-	7,568.00	27,568.00	(9,500.00)	18,068.00
Equipment	20,000.00	20,000.00	22,400.00	7,451.52	29,851.52
Sub Total	40,000.00	47,568.00	125,660.00	-13,540.48	112,119.52
D. Contingency	97,150.00	1,250.00	1,250.00	-	1,250.00
Grand Total	829,878.00	829,878.00	1,267,214.00	-	1,267,214.00

NOW, THEREFORE this Variation Order No. 3 amends the Contract as hereunder:

1. The Total Remuneration Costs are increased by US\$ 6280.48
2. The Total Reimbursable Costs are increased by US\$ 7,260.00
3. The Provisional Sum is decreased by US\$ 13,540.48
4. The Contract Ceiling in Foreign Currency (Clause 41.2 of the SCC) remains unchanged (i.e. US\$1,267,214.00).

This Contract Variation Order No.3 shall be read and construed in conjunction with the Original Contract, Contract Variation Orders No.1 and No. 2.

IN WITNESS WHEREOF, the parties hereto have caused an amendment to Variation Order No. 3 to be signed in their respective names as of the day and year above written.

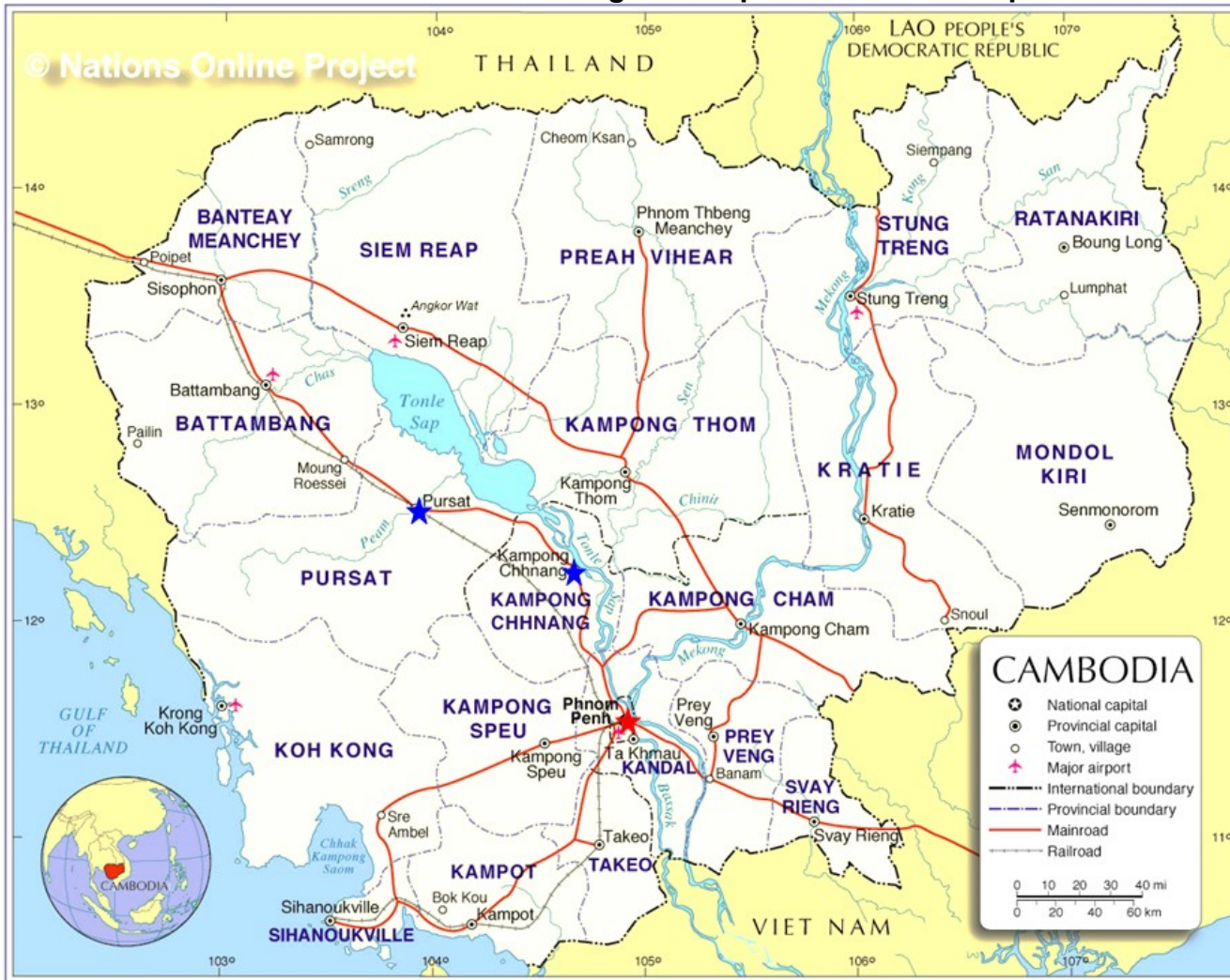
FOR AND ON BEHALF OF
Ministry of Public Works and Transport
(THE CLIENT)

FOR AND ON BEHALF OF
Partnership for Development in Kampuchea
(PADEK) in association with
West East Development Cambodia Co.,
Ltd.(WEDC) (THE CONSULTANT)

H.E VONG PISITH
Project Director, MPWT

Dr. Dipankar Chyau Patnaik
Team Leader

Figure 1: Operational Area Map



គម្រោងលើកសាង និងការកែលម្អបរិស្ថាន
Community Mobilization and Environmental Improvement CMEI



Figure 2: Pursat Network Areas

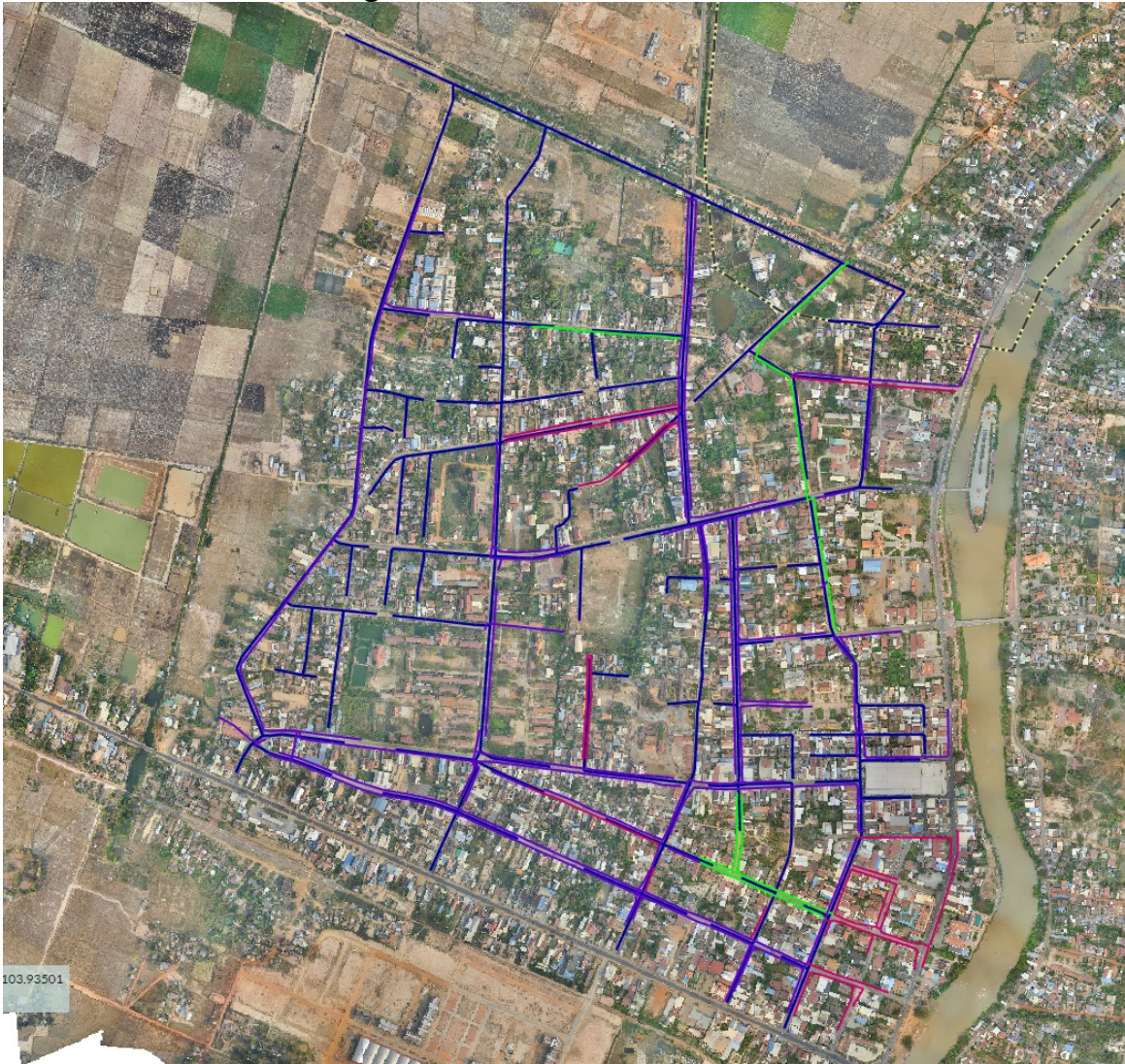


Figure 3: Location of the Operational Villages in Pursat

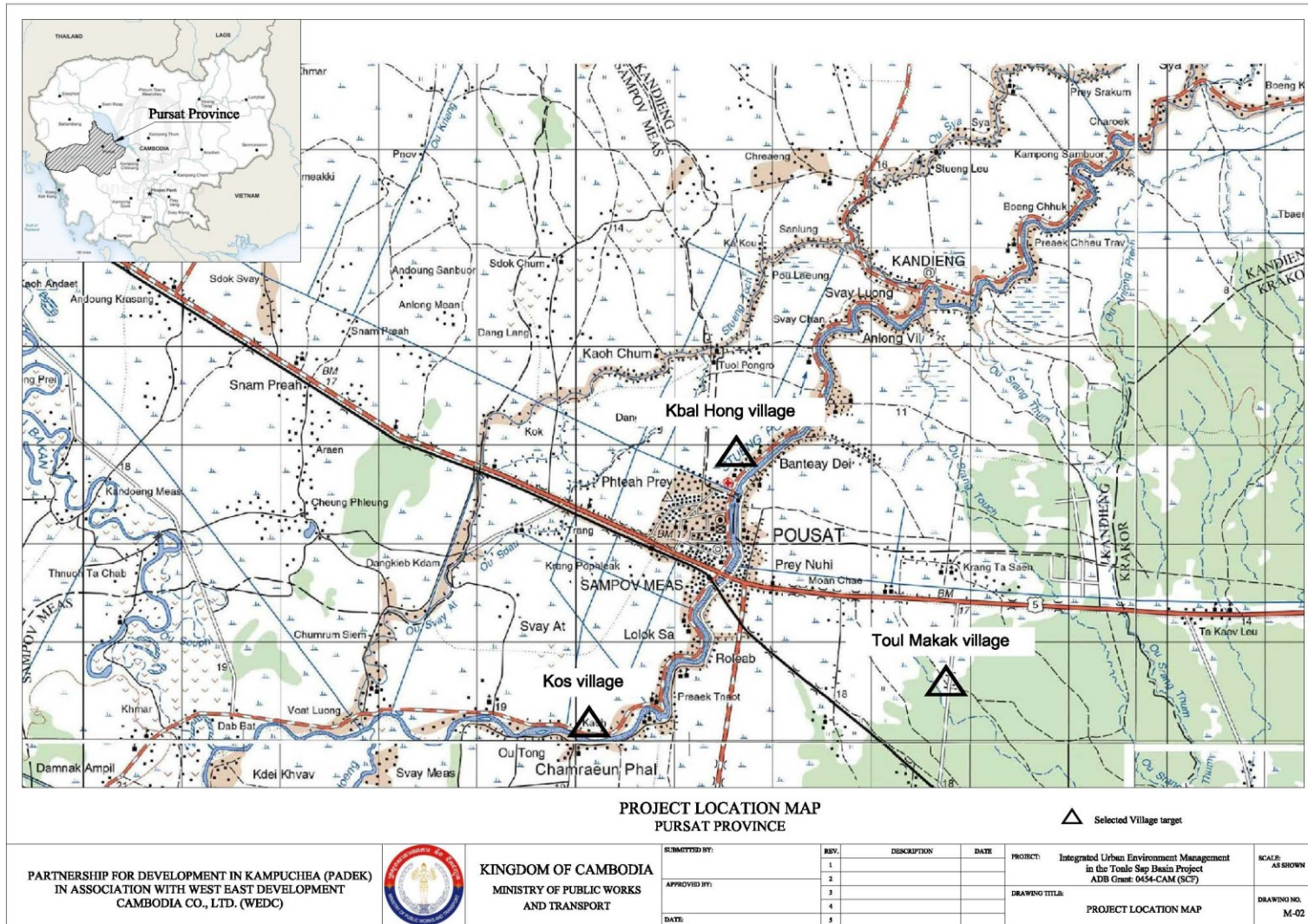
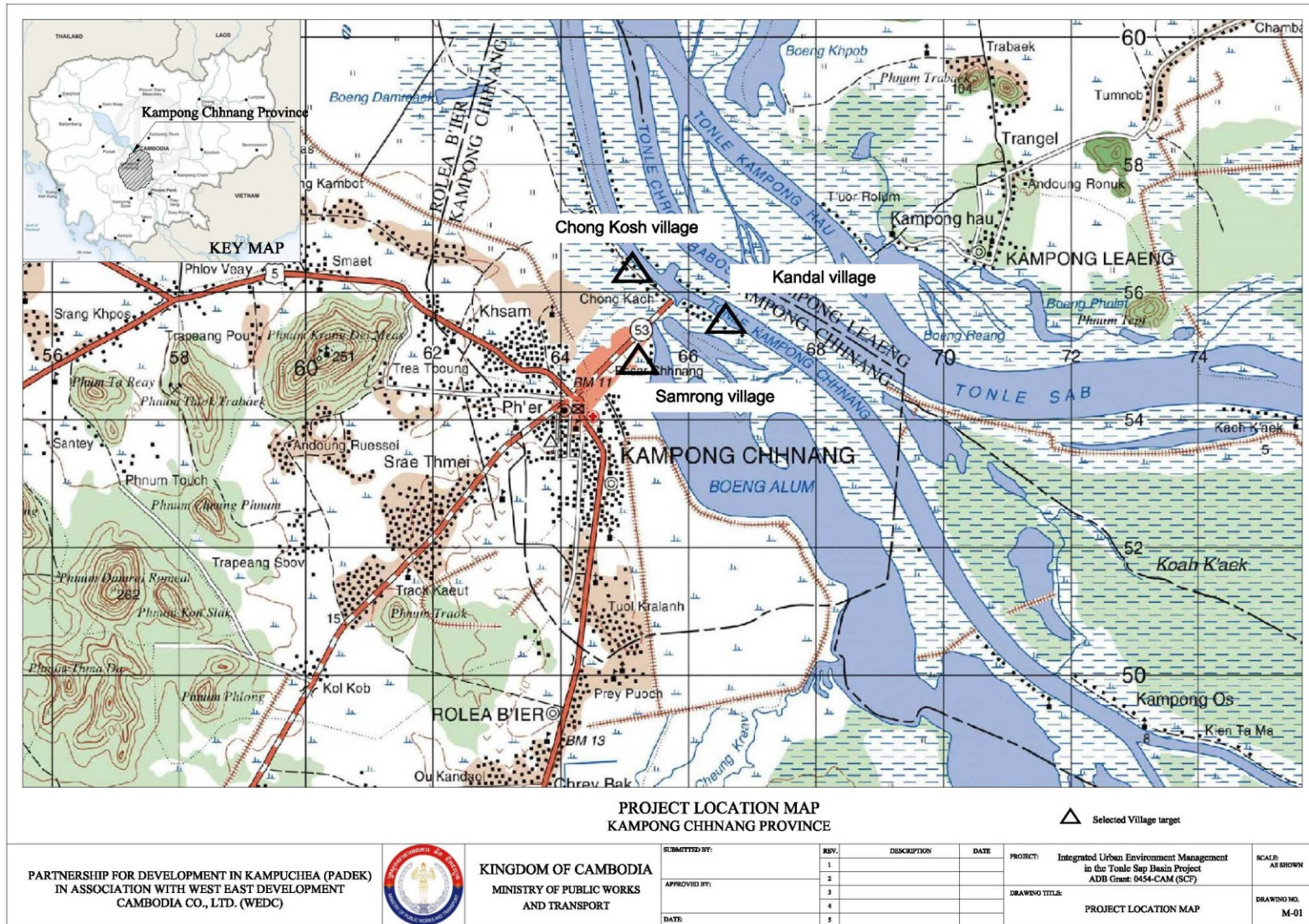


Figure 4 Location of the Operational Villages in Kampong Chhnang



ATTACHMENTS:

A. ATTACHMENT A: BUDGET SHEETS

1. APPENDIX A-1 ADDITIONAL COST AND INPUTS
2. APPENDIX A-2 STAFFING SCHEDULE
3. APPENDIX A-3 SUMMARY OF COSTS
4. APPENDIX A-4 CMEI BREAKDOWN OF REMUNERATION
5. APPENDIX A-5 CMEI BREAKDOWN OF REIMBURSABLE EXPENSES, PROVISIONAL SUMS, AND CONTINGENCY
6. APPENDIX A-6 - CONTRACT COST ESTIMATE
7. APPENDIX A-7 REMUNERATION
8. APPENDIX A-8 REIMBURSABLE EXPENSES, PROVISIONAL SUMS, AND CONTINGENCY
9. APPENDIX A-9 IMPLEMENTATION PLAN

Attachment A

APPENDIX A-1 ADDITIONAL COST AND INPUTS

Remuneration	Rate (\$)	Minus or Add	Total	Rationale
International Experts				
Team Leader	10,080.00	4.85	48,888.00	<ul style="list-style-type: none"> ○ Over all accountable for the management of project including the project and operations management. ○ Responsible for managing the assign team for delivery of the project results and performance of individual team members. ○ Manage seamless national level coordination and communication with the key stakeholders in MPWT and key PIU members in targeted provinces. ○ Responsible for the project compliance in accordance of ADB and MPWT compliance procedures and systems.
National Expert				
Administration Officer	3,168.00	6.10	19,324.80	<ul style="list-style-type: none"> ○ This role provides coordination in the field for the lead agency working closely with field staff, partners' agencies and Government Departments. Organizing internal meetings, Leading reporting to donor, working with teams across both agencies to follow up on implementation, identifying gaps and challenges and working with teams to find a solution. ○ Ensuring the coordination with PIU and with TL, ensuring resource mobilization.
Support Staffs				
Civil Engineer	2,500.00	4	10,000.00	<ul style="list-style-type: none"> ○ To assess the need for household sanitation needs, provide detailed process methodology for the construction of sanitation facilities in house (individual basis), schools and other key locations (community level) in villages selected by the CMEI. ○ Provide technical designs, specifications, BoQ supported by market assessment for pricing actions. ○ Train field supervisors for monitoring construction work and follow up quality of construction materials and process of construction work.
Programme Associate	2,592.00	5	12,960.00	<ul style="list-style-type: none"> ○ Key focal for programmatic actions of the Project focused on Public Health, Solid Waste Management, Climate Change, Resilience, Gender Building, Community Management ○ Act as a support to the Team leader and provide necessary back up support project and operations management. ○ To ensure effective and all-round women participation in project's activities/trainings. ○ Responsible for monitoring, supervision and liaison

Remuneration	Rate (\$)	Minus or Add	Total	Rationale
Climate Change Advisor	2,592.00	0.53	1,373.76	<ul style="list-style-type: none"> Over all Responsible for managing the delivery of the project results and performance of individual team, members. Report to designated PMU and Manage seamless national level coordination and communication with the key stakeholders in MPWT and key PIU members in targeted province.
Provincial Project Officer (Pursat)	2,592.00	0.88	2,280.96	<ul style="list-style-type: none"> Field coordination working closely with field staff, partners' agencies and Government Departments. Organizing meetings, follow up on implementation, identifying gaps and challenges, prepare the provincial work plan, implementation of work plan, Document the processes, lessons learned, best practices, case studies and other relevant information regularly Additional Scope for solid waste consultation and assessment and ID poor survey for networked areas
Provincial Project Officer (Kampong Channang)	2,592.00	-6.06	-15,707.52	<ul style="list-style-type: none"> Field coordination working closely with field staff, partners' agencies and Government Departments. Organizing meetings, follow up on implementation, identifying gaps and challenges, prepare the provincial work plan, implementation of work plan, Document the processes, lessons learned, best practices, case studies and other relevant information regularly Additional Scope for solid waste consultation and assessment and ID poor survey for networked areas
Environmental/WASH Engineer	2,592.00	-1.86	-4,821.12	<ul style="list-style-type: none"> This position is removed and the responsibilities will be managed by the position of the programme associate
Hygiene and Gender Promotion Specialist	2,592.00	-13.87	-35,951.04	<ul style="list-style-type: none"> This position is removed and the responsibilities will be managed by the position of the programme associate
Community Mobiliser (Pursat)	1,368.00	-0.14	-191.52	<ul style="list-style-type: none"> This position is removed and the responsibilities will be managed by the position of the Provincial Project Officer
Community Mobiliser (Kampong Channang)	1,368.00	0	0.00	<ul style="list-style-type: none"> This position is removed and the responsibilities will be managed by the position of the Provincial Project Officer
Office Assistant	1,152.00	-27.67	-31,875.84	<ul style="list-style-type: none"> This position is removed and the savings will be used for other key resourcing needs The responsibilities will be managed by the Administrator
Subtotal III			4,397.04	

APPENDIX A-3 SUMMARY OF COSTS

Items	Original Contract Amount (US\$)	Contract Amount Varian Order No.1 (US\$)	Contract Amount Variation Order No.2	Variation Order No3 (US\$)	Revised Contract Amount as per Variation No.3 (US\$)
	(a)	(b)	(c)	(D)	(C)+(D)=(E)
International Expert	221,760.00	221,760.00	372,960.00	48,888.00	421,848.00
National Expert	69,696.00	69,696.00	88,704.00	19,324.80	108,028.80
Support Staffs	246,672.00	329,954.00	447,090.00	(61,932.32)	385,157.00
Total Remuneration	538,128.00	621,410.00	908,754.00	6,280.48	915,034.48
Reimbursable Expenses	154,600.00	159,650.00	231,550.00	7,260.00	238,810.00
Sub total	692,728.00	781,060.00	1,140,304.00	13,540.48	1,153,844.48
Provisional sum	40,000.00	47,568.00	125,660.00	-13,540.48	112,119.52
Workshops & Training	20,000.00	20,000.00	75,692.00	(11,492.00)	64,200.00
IEC-Information, Education and Communication	-	7,568.00	27,568.00	(9,500.00)	18,068.00
Equipment + Sanitation Grant	20,000.00	20,000.00	22,400.00	7,451.52	29,851.52
Contingencies	97,150.00	1,250.00	1,250.00	-	1,250.00
	829,878.00	829,878.00	1,267,214.00	-	1,267,214.00

APPENDIX A-4 CMEI BREAKDOWN OF REMUNERATION**FOR VARIATION ORDER NO.3**

No	Name & Position	Input Person Month	Rate (US\$)	Amount (US\$)
	International			
1	Mr. Dipankar Chyau Patnaik <i>Team Leader</i>	4.85	10,080.00	48,888.00
	National			
2	Ms. Eang Sreyneang <i>Administration Officer</i>	6.10	3,168.00	19,324.80
3	Ms. Kep Botum <i>Office Assistant</i>	(27.67)	1,152.00	(31,875.84)
4	Ms. Sak Mom / Mao Chakriya /Kong Sedth <i>Provincial Project Coordinator</i>	(6.06)	2,592.00	(15,707.52)
5	Mr.Kann Vuthy/Mr.Him Saroeurn <i>Provincial Project Coordinator</i>	0.88	2,592.00	2,280.96
6	Mr. Un Sokrit/ Mr. Meas Phally <i>Environmental/WASH Specialist</i>	(1.86)	2,592.00	(4,821.12)
7	Mr. Kung Sam Ath <i>Hygien and Gender Prmotion Specialist</i>	(13.87)	2,592.00	(35,951.04)
8	Mr. Neou Sethea/Mr. Srei Kosal <i>Climate Change Advisor</i>	0.53	2,592.00	1,373.76
9	Ms. Sereymony Chin/ Nam Chamnab <i>Community Mobiliser</i>	(0.14)	1,368.00	(191.52)
10	Mr. Chandara Uy/ Mr. Kong Sedth <i>Community Mobiliser</i>	-	1,368.00	-
11	Veth Voeun <i>Civil Engineer</i>	4.00	2,500.00	10,000.00
12	To be named <i>Program Associate</i>	5.00	2,592.00	12,960.00
	Sub Total Increase (National + International)			6,280.48

APPENDIX A-5 CMEI BREAKDOWN OF REIMBURSABLE EXPENSES, PROVISIONAL SUMS, AND CONTINGENCY

No.	Item Description	Physical Unit	Unit	Unit Price(US\$)	Total for VO3.in US\$
REIMBURSABLE EXPENSES, PROVISIONAL SUMS AND CONTINGENCY					
(1) REIMBURSABLE EXPENSES					
1	Per diem allowance (International)	200.00	Cal.Days	90.00	18,000.00
2	Per diem allowance (National)	-24.00	Cal.Days	35.00	-840.00
3	International Flights (Average Rate)	-7.00	Round Trip	1,200.00	-8,400.00
4	In/Out airport transportation (Miscellaneous Air Travel)	-5.00	Round Trip	300.00	-1,500.00
5	Land Transport and Vehicle Hire	0.00	Month	1,520.00	0.00
6	Communications(Fixed Monthly)	0.00	Month	400.00	0.00
7	Reports	0.00	Lump sum	130.00	0.00
8	Office Operation Cost	0.00	Month	800.00	0.00
(1) TOTAL REIMBURSABLE EXPENSES					7,260.00
(2) PROVISIONAL SUMS					
	Training, Seminars and Workshops	1.00			-11,492.00
	IEC- Information, Education and Communication	1.00	Lump sum		-9,500.00
	Equipment	1.00			7,451.52
(2) TOTAL PROVISIONAL SUMS					-13,540.48
(3) CONTINGENCY					
					0.00
TOAL REIMBURSABLE EXPENSES, PROVISIONAL SUMS AND CONTINGENCY (1+2+3)					
					(6,280.48)

APPENDIX A-6 - CONTRACT COST ESTIMATE

COST COMPONENT	ORIGINAL CONTRACT	VO NO.01 (US\$)	VO NO.02 (US\$)	VARIATION NO.3 (US\$)	REVISED CONTRACT AMOUNT AS PER VO NO.3
	(1)	(2)	(3)	(4)	(3)+(4)=(5)
	Sub-Totals (US\$)	Sub-Totals (US\$)	Sub-Totals (US\$)	Sub-Totals (US\$)	Sub-Totals (US\$)
A. REMUNERATION					
Subtotal Key Expert (International)	221,760.00	221,760.00	372,960.00	48,888.00	421,848.00
Subtotal Key Expert (National)	69,696.00	69,696.00	88,704.00	19,324.80	108,028.80
Subtotal Technical Support Staff	246,672.00	329,954.00	461,664.00	68,212.80	529,876.80
A. Total Remuneration	538,128.00	621,410.00	908,754.00	6,280.48	915,034.48
B. REIMBURSABLE EXPENSES					
Subtotal Reimbursable Expenses	154,600.00	159,650.00	231,550.00	7,260.00	238,810.00
B. Total Reimbursable Expenses	154,600.00	159,650.00	231,550.00	7,260.00	238,810.00
C. PROVISIONAL SUMS					
Training and Workshops	20,000.00	20,000.00	75,692.00	(11,492.00)	64,200.00
IEC-Information, Education and Communication	-	7,568.00	27,568.00	(9,500.00)	18,068.00
Equipment + Sanitation Grant	20,000.00	20,000.00	22,400.00	7,451.52	29,851.52
C. Total Provisional Sums	40,000.00	47,568.00	125,660.00	(13,540.48)	112,119.52
D. CONTINGENCY	97,150.00	1,250.00	1,250.00	-	1,250.00
TOTAL (A+B+C+D)	829,878.00	829,878.00	1,267,214.00	(0.00)	1,267,214.00

APPENDIX A-7 REMUNERATION

No.	Expert / Position	UNIT RATE (US\$)	ORIGINAL CONTRACT			CONTRACT VO1			CONTRACT VO2			VARIATION NO3			CONTRACT VO3							
			a		Total Inputs	Total Amount (US\$)	b		Total Inputs	Total Amount (US\$)	c		Total Inputs	Total Amount (US\$)	d		e=c+d					
			Inputs (Person-Months)	Field			Inputs (Person-Months)	Field			Inputs (Person-Months)	Field			Inputs (Person-Months)	Field	Inputs (Person-Months)	Field	Inputs (Person-Months)	Field	Total Inputs	Total Amount (US\$)
(A) KEY EXPERTS (INTERNATIONAL)																						
K-1	Dr. Dipankar Chyau Patnaik	10,080.00	2.00	20.00	22.00	221,760.00	2.34	19.66		221,760.00	6.00	31.00	37.00	372,960.00	-3.16	8.01	4.85	48,888.00	2.84	39.01	41.85	421,848.00
	<i>Team Leader</i>																					
(A) TOTAL KEY EXPERTS (INTERNATIONAL)			2.00	20.00	22.00	221,760.00	2.34	19.66	22.00	221,760.00	6.00	31.00	37.00	372,960.00	-3.16	8.01	4.85	48,888.00	2.84	39.01	41.85	421,848.00
(B) KEY EXPERTS (NATIONAL)																						
K-1	Ms. Eang Sreyneang	3,168.00	22.00		22.00	69,696.00	0.00		22.00	69,696.00	6.00		28.00	88,704.00	6.10	0.00	6.10	19,324.80	6.10		34.10	108,028.80
	<i>Administration Officer</i>																					
K-2	Ms. Botum Kep	1,152.00	30.00		30.00	34,560.00	0.00		30.00	34,560.00	0.00		30.00	34,560.00	-27.67	0.00	-27.67	31,875.84	27.67		2.33	2,684.16
	<i>Office Assistant</i>																					
K-3	Ms. Sak Mom/Mao Chakriya	2,592.00	15.00		15.00	38,880.00	6.50		21.50	55,728.00	12.00		33.50	86,832.00	-6.06	0.00	-6.06	15,707.52	-6.06		27.44	71,124.48
	<i>Provincial Project Officer</i>																					
K-4	Mr.Kann Vuthy/Mr.Him Saroeurn	2,592.00	15.00		15.00	38,880.00	6.50		21.50	55,728.00	12.00		33.50	86,832.00	0.88	0.00	0.88	2,280.96	0.88		34.38	89,112.96
	<i>Provincial Project Officer</i>																					
K-5	Ms.Sam Ath Kung	2,592.00	15.00		15.00	38,880.00	0.00		15.00	38,880.00	0.00		15.00	38,880.00	-13.87	0.00	-13.87	35,951.04	13.87		1.13	2,928.96
	<i>Hygien and Gender Promotion Specialist</i>																					
K-6	Mr. Un Sokrit/ Mr. Meas Phally	2,592.00	15.00		15.00	38,880.00	5.00		20.00	51,840.00	9.00		29.00	75,168.00	-1.86	0.00	-1.86	-4,821.12	-1.86		27.14	70,346.88
	<i>Environmental/WASH Specialist</i>																					
K-7	Mr. Neou Sethea/Mr. Srei Kosal	2,592.00	6.00		6.00	15,552.00	1.00		7.00	18,144.00	2.00		9.00	23,328.00	0.53	0.00	0.53	1,373.76	0.53		9.53	24,701.76
	<i>Climate Change Advisor</i>																					
K-8	Ms. Sereymony Chin/ Nam Chamnab	1,368.00	15.00		15.00	20,520.00	6.50		21.50	29,412.00	6.00		27.50	37,620.00	-0.14	0.00	-0.14	-191.52	-0.14		27.36	37,428.48
	<i>Community Mobiliser</i>																					
K-9	Mr. Chandara Uyl/ Mr. Kong Sedth	1,368.00	15.00		15.00	20,520.00	6.50		21.50	29,412.00	6.00		27.50	37,620.00	0.00	0.00	0.00	0.00	0.00		27.50	37,620.00
	<i>Community Mobiliser</i>																					
K-10	Veth Vooun	2,500.00	0.00		0.00	0.00	6.50		6.50	16,250.00	4.00		10.50	26,250.00	4.00	0.00	4.00	10,000.00	4.00		14.50	36,250.00
	<i>Civil Engineer</i>																					
K-11	To be named	2,592.00	0.00		0.00	0.00			0.00	0.00			0.00	0.00	5.00		5.00	12,960.00	5.00		5.00	12,960.00
	<i>Program Associate</i>																					
(B) TOTAL KEY EXPERTS (NATIONAL)			148.00	0.00	148.00	316,368.00	38.50	0.00	186.50	399,650.00	57.00	0.00	243.50	535,794.00	38.09	0.00	-33.09	42,607.52	33.09	0.00	210.41	493,186.48
TOTAL REMUNERATION (A+B)			150.00	20.00	170.00	538,128.00	40.84	19.66	208.50	621,410.00		31.00	280.50	908,754.00	-3.16	8.01	-28.24	6,280.48		39.01	252.26	915,034.48

APPENDIX A-8 REIMBURSABLE EXPENSES, PROVISIONAL SUMS, AND CONTINGENCY

No.	Item Description	UNIT RATE (US\$)	UNIT	ORIGINAL CONTRACT		REVISED CONTRACT INCLUDING VO NO. 01		REVISED CONTRACT INCLUDING VO NO. 02		VARIATION NO. 3		REVISED CONTRACT INCLUDING VO NO. 03	
				(1)		(2)		(3)		(4)		(5)=(3)+(4)	
				Quantity	Total Amount (US\$)	Quantity	Total Amount (US\$)	Quantity	Total Amount (US\$)	Quantity	Total Amount (US\$)	Quantity	Total Amount (US\$)
REIMBURSABLE EXPENSES, PROVISIONAL SUMS AND CONTINGENCY													
(1) REIMBURSABLE EXPENSES													
1	Per diem allowance (International)	90	Days	540	48,600.00	540	48,600.00	840.00	75,600.00	200.00	18,000.00	1,040.00	93,600.00
2	Per diem allowance (National)	35	Days	200	7,000.00	310	10,850.00	410.00	14,350.00	-24.00	-840.00	386.00	13,510.00
3	International Flights (Average Rate)	1,200	Round Trip	9	10,800.00	10	12,000.00	15.00	18,000.00	-7.00	-8,400.00	8.00	9,600.00
4	In/Out airport transportation (Miscellaneous Air Travel)	300	Round Trip	9	2,700.00	9	2,700.00	13.00	3,900.00	-5.00	-1,500.00	8.00	2,400.00
5	Land Transport and Vehicle Hire	1,520	Month	30	45,600.00	30	45,600.00	42.00	63,840.00	0.00	0.00	42.00	63,840.00
6	Communications(Fixed Monthly)	400	Month	30	12,000.00	30	12,000.00	42.00	16,800.00	0.00	0.00	42.00	16,800.00
7	Reports	130	Lump Sum	30	3,900.00	30	3,900.00	42.00	5,460.00	0.00	0.00	42.00	5,460.00
8	Office Operation Cost	800	month	30	24,000.00	30	24,000.00	42.00	33,600.00	0.00	0.00	42.00	33,600.00
(1) TOTAL REIMBURSABLE EXPENSES					154,600.00		159,650.00		231,550.00		7,260.00		238,810.00
(2) PROVISIONAL SUMS													
	Training and Workshops				20,000.00		20,000.00		75,692.00		-11,492.00		64,200.00
	IEC- Information, Education and Communication				0.00		7,568.00		27,568.00		-9,500.00		18,068.00
	Equipment				20,000.00		20,000.00		22,400.00		7,451.52		29,851.52
(2) TOTAL PROVISIONAL SUMS					40,000.00		47,568.00		125,660.00		-13,540.48		112,119.52
(3) CONTINGENCY													
					97,150.00		1,250.00		1,250.00		0.00		1,250.00
TOAL REIMBURSABLE EXPENSES, PROVISIONAL SUMS AND CONTINGENCY (1+2+3)					291,750.00		208,468.00		358,460.00		-6,280.48		352,179.52

NATIONAL REQUEST FOR QUOTATION DOCUMENT GOODS

Name & Address of prospective bidders who received copy of this document

No.	Name	Address
1		
2		
3		
4		

Specific Information Table

Invitation for Quotation (IFQ) No.	PMU/MPWT/IUEMTSBP/NS/G09f
Date of the Letter of Invitation Sent	xx February 2021
Contract No:	
Deadline for Submission of Quotation	Time Date
	10:00 AM xx March 2021
Validity after Submission Deadline	Thirty (30) days
Warranty period after delivery of all goods	6 months

Scope of Supply

<ul style="list-style-type: none">• Supply and Installation of 107 Water Filters in 2 villages in Pursat• Supply and Installation of 107 Roof water Harvesting Supports in 2 villages in Pursat• Supply and Installation of 429 Water Storage Containers in 2 villages in Pursat
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**KINGDOM OF CAMBODIA
NATION – RELIGION – KING**



**Ministry Of Public Works and Transport
Integrated Urban Environmental Management in the Tonle
Sap Basin Project**

ADB Loan 3311-CAM (SF)/ 8295-CAM (SCF), Grant No. 0454-CAM

**Shopping Goods without Advertisement
for the Supply, Delivery and Installation of the Household
Sanitation Support**

Procurement Ref : PMU/MPWT/IUEMTSBP/NS/G09f
Implementing Agency : Ministry of Public Works and Transport
Project : Integrated Urban Environmental Management
 : In the Tonle Sap Basin Project
Funding : Asian Development Bank
Grant/Loan No. : ADB Loan 3311-CAM (SF)/ 8295-CAM (SCF)
 : Grant No. 0454-CAM

February 2021

KINGDOM OF CAMBODIA

Nation Religion King

MINISTRY OF PUBLIC WORKS AND TRANSPORT

Integrated Urban Environmental Management in the Tonle Sap Basin Project
Loan 3311-CAM (SF)/8295-CAM (SF)/Grant 0454-CAM

the Supply, Delivery and Installation of the Household Sanitation Support

IFQ No: PMU/MPWT/IUEMTSBP/NS/G09f

Request for Quotation

1. The Kingdom of Cambodia has received a loan from the Asian Development Bank toward the cost of Integrated Urban Environmental Management in the Tonle Sap Basin Project, and intends to apply a part of the proceeds of this loan to payments under the contracts for PMU/MPWT/IUEMTSBP/NS/G09f for the Household Sanitation Support. The eligibility of bidders and of goods and services offered are subject to the applicable rules of the Government and DP.
2. The Ministry of Public Works and Transport hereinafter called "The Purchaser" now invites sealed quotations from eligible Suppliers hereinafter called "The Supplier" for the Supply, Delivery and Installation of the Household Sanitation Support.
3. The quantity and description of all the goods to be supplied and related services and the delivery place & schedule are listed in Annex C: Quotation Price Schedule.
4. The quotation should be enclosed in a sealed envelope marked in capital letters: "QUOTATION FOR IFQ - PMU/MPWT/IUEMTSBP/NS/G09f.
5. The envelopes should be delivered before **10:00 AM on xx March 2021** to the following office:

H.E. Vong Pisith, Project Director

Ministry of Public Works and Transport

PMU Office, First Floor, Road 598 SK Sangkat Chraing Chamres II,

Khan Russey Keo, Phnom Penh, Cambodia.

Tel/Fax: +85523426110

E-mail: vong_pisith@yahoo.com

6. The quotation shall remain valid 30 days after the Deadline for Submission.

We are looking forward to receiving your complete and responsive quotation before the time limit stipulated above and in the manner described in Annex A: Instruction to Bidders.

Annex A. Instructions to Bidders

1. Eligibility of the Bidder and Goods

- 1.1 The Bidder must come from, and the goods must be manufactured in an ADB member country and the quotation is opened to all bidder who are not under any notice of disbarment by the RGC and DP.

2. Language of Quotation

- 2.1 The quotation prepared by the Bidder shall be written in English.

3. Document comprising the Quotation and Currency

- 3.1 The Bidder shall complete the attached Quotation Price Schedule (see Annex C)
3.2 Prices shall be quoted in US Dollar.

4. Conformance to Specification

- 4.1 Documents Establishing Goods/Services' Conformity to Specifications and Quality Standards
- 4.2 The Bidder shall furnish documents establishing the conformity of all proposed goods and services as follows:
- (a) a detailed description of the essential technical and performance characteristics of the goods/services;
 - (b) an item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.

5. Bidder Prices:

- 5.1 Prices should be inclusive of all costs such as customs duties, sales and other taxes paid or payable if the contract is awarded, transportation, insurance, and other local charges required. Prices shall remain fixed and is not subject to price adjustment during the period of performance of the contract.

6. Award Criteria

- 6.1 The Purchaser will award the contract to the successful Bidder whose responsive Quotation has been determined to be the lowest priced one and a Letter of Award issued which will form the basis of the Contract.

7. Purchaser's Right to Accept any Quotation and to Reject any or All Quotations

- 7.1 The Purchaser reserves the right to accept or reject any quotation, and to annul the quotation process and reject all quotations at any time prior the Letter of Award , without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the Purchaser's action.

8. Fraud and Corruption

- 8.1 The Development Partner requires that Government or Recipients (including beneficiaries of the funds), as well as bidders, suppliers, contractors and their agents (whether declared or not), sub-contractors, sub-consultants, service providers or suppliers, and any personnel thereof, observe the highest standard of ethics during the procurement and execution of contracts. In pursuance of this policy, both the Government and the Development Partner:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:

- (i) "Corrupt Practices" mean the offering, giving, receiving, or soliciting directly or indirectly of anything of value to influence improperly the actions of another party.
 - (ii) "Fraudulent Practices" is any act or omission including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
 - (iii) "Coercive Practices" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party, or the property of the party to influence improperly the actions of a party.
 - (iv) "Collusive Practices" is an arrangement between two or more parties, designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - (v) "abuse" means theft, waste, or improper use of assets related to DP-related activity, either committed intentionally or through reckless disregard;
 - (vi) "conflict of interest" means any situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations;
 - (vii) "Obstructive Practices" mean: (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or deliberately making false statements to investigators with the intent to impede a DP investigation; (b) threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or (c) deliberate acts intended to impede the exercise of the DP's contractual rights of audit or inspection or access to information; and
 - (viii) "integrity violation" is any act, as defined, under the DP's relevant integrity principles and guidelines which violates the DP's relevant anticorruption policy, including (i) to (vii) above and the following: violations of DP's sanctions, retaliation against whistle-blowers or witnesses, and other violations of the DP's relevant anticorruption policy, including failure to adhere to the highest ethical standard.
- (b) will reject a proposal for award if it determines that the bidder recommended for award, or any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
 - (c) The DP will declare misprocurement and cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, coercive, collusive, or obstructive practices during the procurement or the implementation of the contract in question without the Borrower having taken timely and appropriate action satisfactory to the DP to address such practices when they

occur, including by failing to inform the DP in a timely manner at the time they knew of the practices;

- (d) will sanction a firm or individual, at any time, in accordance with the prevailing DP's sanctions procedures, including by publishing declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a DP's financed contract; and (ii) to be a nominated sub-contractor, consultant, supplier, or service provider of an otherwise eligible firm being awarded a DP-financed contract if it at any time determines that the firm or individual has engaged in corrupt, fraudulent, coercive, collusive, or obstructive practices in competing for, or in executing, a DP - financed contract; and
 - (e) will have the right to require that a clause be included in bidding documents and in contracts financed by DPs, requiring bidders, supplier, and contractor, and their sub-contractors, agents, personnel, consultants, service providers, or suppliers, to permit both the Government and the DP to inspect all accounts, records and other documents relating to the submission of quotations and contract, and to have them audited by auditors appointed by the either the DP or Government.
- 8.2 All bidders are required to complete the Statement on Ethical Conduct and Fraud and Corruption which can be found in Annex E and submit it with their quotation.

Annex B. Technical Specifications

Items	Description of Equipment/ Related Services Required	Description of Equipment/Related Services Offered
1	<p>Water Filters</p> <ul style="list-style-type: none"> • Brand: To be specified by bidder • Model: To be specified by bidder • Dimension: 5 -10 Litres Top & Bottom Containers • Type: Low cost household ceramic pot water filter • Ensure consistent flow rates (2-3 L/hr) • Comply to WHO water quality standards • The filter includes: <ul style="list-style-type: none"> - Enhanced with silver nitrate solution - Should maintain Turbidity below 5 NTU 	
2	<p>Roof water Harvesting supports</p> <p>The contractor shall construct the household roof water harvesting support by using:</p> <ul style="list-style-type: none"> • Zinc gutter (0.4mm thickness) with dimension • PVC pipe 80mm. <p>All materials shall be approved by the Engineer prior to use (Detailed drawing is attached on Appendix A).</p>	
3	<p>Water Storage Containers</p> <p>The contractor shall construct the concrete water container using cement and sand with appropriate mould to shape the jar.</p> <ul style="list-style-type: none"> • Brand: To be specified by bidder • Model: To be specified by bidder • Material: RCC (Portland Cement-ASTM.C150 TYPE I.) • Shape: Oval • Features: Leak Proof • Dimensions: <ul style="list-style-type: none"> ○ Capacity-500-600 L per container ○ Length-7 feet/2.5 m ○ Diameter-800-1600 mm ○ Wall Thickness: 2 - 5 Inch ○ <p>Before using the concrete jar, the contractor shall pour water into the jar and let it stay for two to three days.</p>	

	Prior to use all construction material shall be inspected and approved by the Engineer (Detailed drawing is attached on Appendix A).		
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Annex C. Quotation Price Schedule

1	2	3	4	5	6	7	8
Item	Description	Country of Origin	Unit	Quantity	Unit Price (Delivery at Final Destination)	Total Price (col 5*6)	Expected Delivery
<i>Description of Contract: Supply, Delivery and Installation of the Household Sanitation Support</i>							
1	Water Filters (x1/HH)		Nos.	107			4 Weeks after signing the contract
2	Water Storage Containers (x4/HH)		Nos.	429			
3	Roof water Harvesting Supports (x1/HH)		Nos.	107			
4	Services						
State currency of quotation (USD):						Total:	

The total contract price is exclusive of Value Added Tax (VAT)

Signature of Bidder _____

Note: In case of discrepancy between unit price and total, the unit price shall prevail.

Final Destination Delivery

N°	Item Description	(Unit)	Toul Makak- Pursat	Kosh Village - Pursat	Total
1	Water Filter	Unit	66	41	107
2	Water Storage Container	Unit	264	164	429
3	Roof water Harvesting	Unit	66	41	107

Note:

1. The household numbers may change based on actual field realities and will be finalized in close coordination with the provincial and village authorities

Annex D. Quotation Form

To: name, address, contact information of EA/IA

Dear Sir,

We are pleased to offer the following quotation for [*Description of Goods*] as specified in your " INVITATION FOR QUOTATION (IFQ - *reference number*)" for the sum of _____ [Amount in figures and words and currency].

We agree to supply the goods and services on the following conditions:

1. Warranty / Guarantee Period: _____
2. Delivery/Completion Period: [*Delivery shall be according to actual orders*].
3. Terms of Payment: Term of Payment will be in accordance with Article 3: Payment Provision specified in the attached Conditions of Contract.

We understand that you are not bound to accept all or any quotations you may receive.

Dated this _____ Day of _____, 20

(Signature and Company)

(In the capacity of)

[The **Bidder** shall fill in and submit this Form with the Quotation.]

Annex E. Statement on Ethical Conduct and Fraud and Corruption

We the undersigned confirm in the preparation of our quotation that:

1. Neither we, nor any of our employees, associates, agents, shareholders, consultants, partners or their relatives or associates have any relationship that could be regarded as a conflict of interest as set out in the bidding document.
2. Should we become aware of the potential for such a conflict, we will report it immediately to the Purchaser.
3. That neither we, nor any of our employees, associates, agents, shareholders, partners consultants or their relatives or associates have entered into corrupt, fraudulent, coercive or collusive practices in respect of our quotation or proposal.
4. We understand our obligation to allow the Government or the Development Partner to inspect all records relating to the preparation of our quotation and any contract that may result from such irrespective of being awarded a contract or not.
5. That no payments in connection with this procurement exercise have been made by us our associates, agents, shareholders, partners or their relatives or associates to any of the staff, associates, consultants, employees or relatives of such who are involved with the procurement process on behalf of the Purchaser.
6. We understand that if we are found to be in breach of this Declaration we will be ineligible to be considered for any contracts with the Government or funded by the Development Partner and /or other sources for a period to be determined by them.

Signed [*Must be the authorized representative of the Bidder who signs the Bid Form*]

Name of Authorized Representative and Title

Name of Bidder and affix Seal of Firm

Date:

Letter of Award

KINGDOM OF CAMBODIA

Nation Religion King



Name of EA/IA

TO: *Name and address of Successful Bidder*
FROM: *Name and contact information for EA/IA*
Date:
SUBJECT: *Contract Number and Description*

Dear Sir,

We are pleased to accept your offer of the below goods/services [*amend as appropriate*] as per the below detail and as per your attached quotation for the sum of US\$ and we agree that you supply these goods / perform the services [*amend as appropriate*] on the following conditions:

1.

Item	Description	Unit	Quantity	Unit Price USD	Total Price USD
	Grand Total:				USD

2. Warranty/Guarantee period: 12 months [*amend as appropriate*].
3. Warranty/Guarantee Conditions: The goods are in line with the manufacturer's specifications attached and that they will perform in line with these specifications and the manufacturers guarantee / warranty also attached [*amend as appropriate*].
4. Delivery conditions: Good must be delivered at the specified address on or before [*day*] from the date of this Letter of Award.
5. Terms of Payment: The terms of payment will be in accordance with Article 3: Payment Provisions specified in the attached Conditions of Contract.
6. The attached Conditions of Contract for the Supply of Goods apply to this Letter of Award.

FOR THE PURCHASER

FOR THE SUPPLIER

Signed, Stamped, delivered by:

Signed, Stamped, delivered by: Name of Supplier

Title: *title of EA Representative*

Title: Representative of Supplier

Name of Supplier

Date

Date.....

Attached:

Supplier/Contractor Quotation

Manufacturer's Specifications

Manufacturer's Guarantee/ Warranty

CONDITIONS OF CONTRACT FOR THE SUPPLY OF GOODS

Article 1. General Provisions

1. The Supplier confirms that he has examined, read and understood fully all the Contract Documents, being
 - The Invitation for Quotation,
 - The Technical Specifications,
 - The Letter of Award
 - The Quotation Price Schedule,
 - The Quotation Form
 - The Conditions of Contractwhich together form the Contract
2. The Contract shall be amended only by written agreement between the Purchaser and the Supplier.
3. The laws of the Kingdom of Cambodia will be applicable to the Contract. Every effort shall be made to resolve disputes amicably and without recourse or referral to third parties. Any dispute that cannot be resolved amicably shall be referred by either Party to the (Arbitration Council of Cambodia) Cambodian Chamber of Commerce for adjudication in accordance with the under the Rules of Conciliation and Arbitration of the International Chamber of Commerce.

Article 2. Purchaser's and Supplier's Obligations

4. The Purchaser and the Supplier now agree as follows:
 - The Purchaser pledges to pay the Supplier, the Contract Price, _____ (Insert amount in words and figures). This amount is for the full delivery of the goods listed in the Price and Delivery Schedule.
 - The Supplier shall supply:
.....
(insert description of the goods) on or before the delivery date and at the final destination (Project Site), as stipulated in the Price and Delivery Schedule, and conforming to the standards as stipulated in the Technical Specifications. The Supplier shall be responsible for fully insuring the Goods against loss or damage from "warehouse to warehouse" (final destination) on "All Risk basis".
5. The Purchaser has the right to reduce the payment to the Supplier by 0.1% of the total price of the Contract for each day of delay beyond the delivery date shown in the Price and Delivery Schedule. The reduction is up to a maximum of 10%, after which the Purchaser may terminate the contract.

6. If Force Majeure makes completion of the contract impossible, the Supplier may ask the Purchaser to release him from the Contract.
7. The Supplier guarantees that all goods supplied will be new and unused and carry a warranty of _____ months [*insert warranty period required of between 6 months to 12 months depending on the goods being purchased*] starting from the actual delivery date of the goods. Throughout this period the Supplier agrees to make good, at its own expense, any defect that appears during that time due to quality of materials or workmanship.

Article 3. Payment Provisions

8. Payments will only be made on or after the due date shown in the schedule below, and after fulfillment of the “payment conditions” (whichever is the later).

[Note: The following is a sample payment schedule, which the Purchaser may retain or reasonably modify, if necessary, to suit the specific requirements of the contract. This note should be deleted from the final contract].

<i>Payment Schedule</i>			
Steps of Payment	Amount	Scheduled Date	Payment Conditions
Payment No 1	90% of the value of delivered Goods		Upon receipt of the Goods and warranty certificate issued by the Manufacturer
Payment No 2	10% of the value of delivered goods		Upon inspection and acceptance of the goods

9. Time allowed for processing of payments will be as follows:
 - 90% of the value of the goods delivered. The Purchaser will issue a receipt for the goods upon delivery and receipt of the necessary warranty certificates issued by the manufacturer. The Supplier shall submit its commercial invoice with the original receipt attached and three copies of both, signed by the supplier as true and correct copies. The Purchaser will effect payment within 30 calendar days of submission;
 - Balance 10% of the value of the goods delivered. Within 30 calendar days of receiving the goods, the Purchaser will undertake any inspections and tests that it deems necessary. Provided that the goods pass any such inspection or tests the Purchaser will issue an acceptance certificate to the Supplier. The Supplier shall submit its commercial invoice with the original acceptance certificate attached and three copies of both, signed by the supplier as true and correct copies. The Purchaser will effect payment within 30 calendar days of submission.

- In the event that after the expiry of 30 calendar days after the delivery of the goods, the Purchaser does not provide the Supplier with an acceptance certificate (or issue instructions to repair or replace any defective goods), the Supplier shall submit its invoice in three copies signed as true and correct, for 5% of the value of the goods delivered and the Purchaser will effect payment within 30 calendar days of submission.
10. If any payment is delayed for more than 1 calendar month after the Due Date for Payment, the Purchaser will pay interest to the Supplier at the rate of 1% of the amount of the payment for the first month and for each subsequent full calendar month during which payments are delayed.

Article 4. Fraud and Corruption

11. The Development Partner requires that Government or Recipients (including beneficiaries of the funds), as well as bidders, suppliers, contractors and their agents (whether declared or not), sub-contractors, sub-consultants, service providers or suppliers, and any personnel thereof, observe the highest standard of ethics during the procurement and execution of contracts. In pursuance of this policy, both the Government and the Development Partner:

(a) defines, for the purposes of this provision, the terms set forth below as follows:

- (ix) “Corrupt Practices” mean the offering, giving, receiving, or soliciting directly or indirectly of anything of value to influence improperly the actions of another party.
- (x) “Fraudulent Practices” is any act or omission including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
- (xi) “Coercive Practices” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party, or the property of the party to influence improperly the actions of a party.
- (xii) “Collusive Practices” is an arrangement between two or more parties, designed to achieve an improper purpose, including to influence improperly the actions of another party;
- (xiii) “abuse” means theft, waste, or improper use of assets related to DP-related activity, either committed intentionally or through reckless disregard;
- (xiv) “conflict of interest” means any situation in which a party has interests that could improperly influence that party’s performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations;
- (xv) “Obstructive Practices” mean: (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or deliberately making false statements to investigators with the intent to impede a DP investigation; (b) threatening, harassing, or intimidating any

party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or (c) deliberate acts intended to impede the exercise of the DP's contractual rights of audit or inspection or access to information; and

- (xvi) "integrity violation" is any act, as defined, under the DP's relevant integrity principles and guidelines which violates the DP's relevant anticorruption policy, including (i) to (vii) above and the following: violations of DP's sanctions, retaliation against whistle-blowers or witnesses, and other violations of the DP's relevant anticorruption policy, including failure to adhere to the highest ethical standard.
 - (b) will reject a proposal for award if it determines that the bidder recommended for award, or any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
 - (c) The DP will declare misprocurement and cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, coercive, collusive, or obstructive practices during the procurement or the implementation of the contract in question without the Borrower having taken timely and appropriate action satisfactory to the DP to address such practices when they occur, including by failing to inform the DP in a timely manner at the time they knew of the practices;
 - (d) will sanction a firm or individual, at any time, in accordance with the prevailing DP's sanctions procedures, including by publishing declaring such firm or individual ineligible, either indefinitely or for a stated period of time: (i) to be awarded a DP's financed contract; and (ii) to be a nominated sub-contractor, consultant, supplier, or service provider of an otherwise eligible firm being awarded a DP-financed contract if it at any time determines that the firm or individual has engaged in corrupt, fraudulent, coercive, collusive, or obstructive practices in competing for, or in executing, a DP -financed contract; and
 - (e) will have the right to require that a clause be included in bidding documents and in contracts financed by DPs, requiring bidders, supplier, and contractor, and their sub-contractors, agents, personnel, consultants, service providers, or suppliers, to permit both the Government and the DP to inspect all accounts, records and other documents relating to the submission of bids and contract, and to have them audited by auditors appointed by the either the DP or Government.
12. The Development Partner will cancel the portion of the funds allocated to a contract if it determines at any time that representatives of the Borrower or Recipient or of a beneficiary of the funds engaged in corrupt, fraudulent, collusive or coercive practices during the procurement or the execution of that contract, without the Borrower or Recipient having taken timely and appropriate action satisfactory to the Development Partner to remedy the situation.

Article 5. Special Conditions

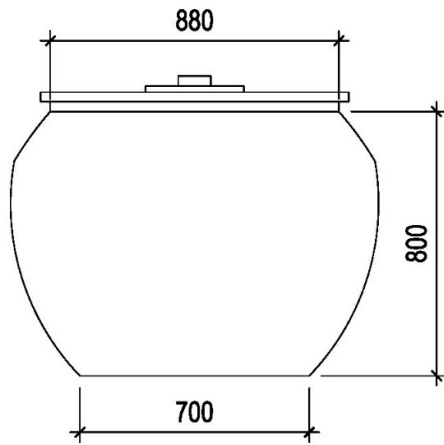
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In witness of what has been agreed above, the signatures of the authorized representatives of the two Parties are affixed below on the date shown.

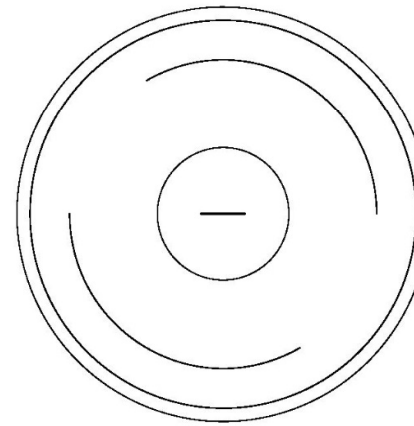
▪ Purchaser		▪ Supplier	
_____Affix Official		_____Affix official	
Seal	_____	Seal	_____
Name	-----	Name	:-----
Position	-----	Position	:-----
Date	-----	Date	:-----

Appendix A: Detailed Drawing

WATER STORAGE CONTAINER (CONCRETE)



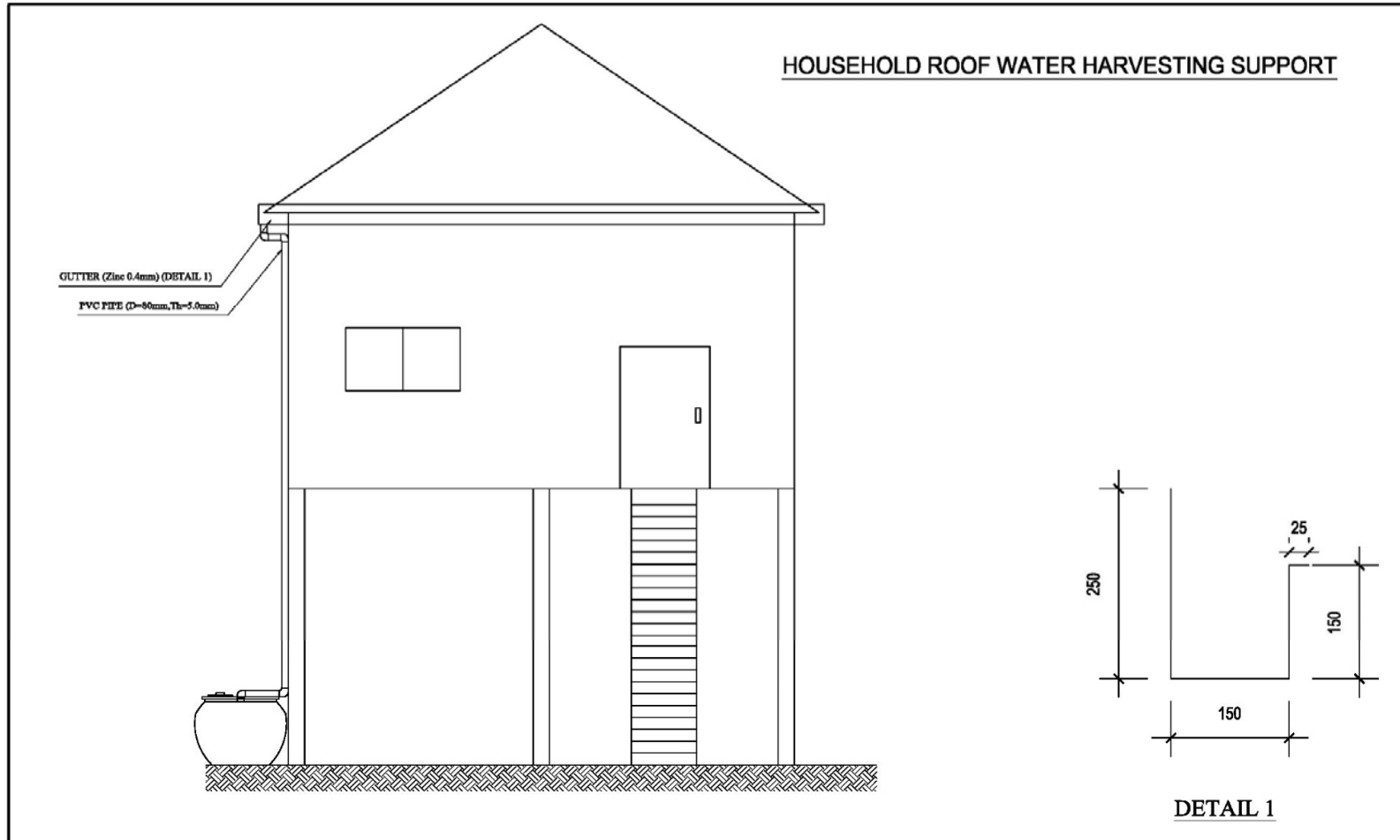
ELEVATION PLAN VIEW



TOP PLAN VIEW

	DRAWN BY:	VETH VOUBN		SUBMITTED BY:	DIPANKAR CHYAU PATNAIK	REV.	DISCRPTION	DATE	PROJECT: <i>Integrated Urban Environment Management in the Tonle Sap Basin Project</i> ADB Grant: 0654-CAMB(SCF)	SCALE:		
	DESIGNED BY:	VETH VOUBN		MINISTRY OF PUBLIC WORKS AND TRANSPORT	3						AS SHOWN	
	CHECKED BY:	DIPANKAR CHYAU PATNAIK			4						DRAWING TITLE: WATER STORAGE CONTAINER (CONCRETE)	DRAWING NO.
					5						01	

HOUSEHOLD ROOF WATER HARVESTING SUPPORT



DETAIL 1

	DRAWN BY: VETH VOEUN	KINGDOM OF CAMBODIA MINISTRY OF PUBLIC WORKS AND TRANSPORT	SUBMITTED BY: DIPANKAR CHYAU PATNAIK	REV: 1	DESCRIPTION	DATE	PROJECT: <i>Integrated Urban Environment Management in the Tonle Sap Basin Project ADB Grant: 0454-CAMB(SCP)</i>	SCALE: AS SHOWN	
	DESIGNED BY: VETH VOEUN		SUBMITTED BY: VONG PISITH PROJECT DIRECTOR	2				DRAWING TITLE: HOUSEHOLD ROOF WATER HARVESTING SUPPORT	DRAWING NO. 01
	CHECKED BY: DIPANKAR CHYAU PATNAIK		DATE: 5						

End of Document

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