



I. Position Information	
Job Title:	National Economic Consultant for Cost-Benefit Analysis (CBA)
Reports to:	Trust Fund Administrator, CCCA-II
Contract Type:	Individual Consultant
Duration of Assignment:	30 working days, August 2018-May 2019

II. Background
<p>Cambodia is highly vulnerable to climate change (CC). Rising temperatures are expected to reduce productivity in agriculture, fisheries and forests and to reduce labor productivity across most sectors. Changing rainfall patterns will lead to increased flooding, drought and storms which will also reduce resource productivity, especially in agriculture and fisheries, and increase damage from extreme events, affecting roads, water supply and other infrastructure. Rising sea levels will cause flooding and storm damage in coastal areas, affecting urban areas and natural resources.</p> <p>A recent report on climate change impact on economic growth model shown that “Without climate change, CEGIM projects that real GDP will grow at an average of 6.9% per year from 2017 to 2050 [...] Climate change reduces average GDP growth to 6.6% and absolute GDP by 0.4% in 2020, 2.5% in 2030 and 9.8% in 2050”¹.</p> <p>In 2016-2017, Ministry of Public Work and Transport has piloted the integration of climate change into planning and budgeting. Based on the results of case studies on cost-benefit analysis in the context of climate change, MPWT has received support from MEF on climate change training to national and sub-national level. In 2018-2019, CCCA will support MPWT to further strengthen the capacity of technical staff at national and sub national levels on the analysis of cost and benefits of climate change proofing infrastructure and integrating climate change into planning and budget for 2020-2022.</p>

III. Objective of the assignment
<p>The main objective of this assignment is to improve the efficiency and effectiveness of climate-relevant public expenditure under MPWT and to support the mobilization of corresponding resources through the strengthening the capacity of technical staff to mainstream climate change into planning and budget. There are three specific objectives of assignment as following:</p> <ul style="list-style-type: none"> - Provision of advanced training on cost-benefit analysis and on-the-job training to MPWT and PDPWT technical staff to support their planning process; - Ensure that the climate change dimension is recognized explicitly in MPWT planning and budget submissions (BSP 2020-2022, annual budget 2020) to the Ministry of Economy and Finance, and supported by cost-benefit analysis (and other evidence as required); - Provide guidance and recommendations to the Climate Change focal points and concerned departments in MPWT on integrated planning and budgeting related to climate change, as well as sector policy and strategic plan 2019-2023. <p>For this assignment, CCCA is seeking a national economist with experience in cost-benefit analysis of infrastructure projects, understanding of economic impacts of climate change, planning and budgeting to provide support and develop capacity for MPWT to undertake the activities mentioned above.</p>
IV. Tasks and responsibilities of the consultant
<p>The national consultant will work under supervision from CCCA II result 2 (R2) team leader and CCCA Trust Fund Administrator to produce the outputs mentioned in the objectives above. More specifically, the national Economic consultant will be responsible for the following tasks:</p>

¹ MEF, NCSO (May, 2018), climate change impact on economic growth model

4.1 Conduct initial meeting(s) with MPWT focal points to identify the training needs, case studies and approach for the assignment

- Identify training needs in concerned technical departments and provincial departments and develop a training curriculum for advance course and on-the-job training on cost-benefit analysis;
- Define a methodology for identification of relevant activities/ investments to serve as case studies;
- Inception meeting with MPWT focal points to agree on training methodology, training materials and detailed work plan.

4.2 Deliver training to MPWT technical staff

- Develop the required training materials and tools to deliver an advance training course to national and sub national technical staff;
- Deliver and support on-the-job training on applying CBA in planning process of MPWT;
- Support the responsible ministry staff (trainees), to produce a draft version of the analysis for the selected activities/investments (3 activities), as well as any lessons learnt and recommendations on proposed improvements to their budget preparation process;

4.3 Support finalization of the analysis and integration in MPWT budget submission 2020-2022

- Support the presentation of initial findings to all concerned ministry officials;
- Finalize the analysis for the pilot programmes, and include recommendations for further capacity development in ministry on these issues;
- Work with the ministry team to facilitate inclusion of the analysis in the ministry budget submission, and any discussions with MEF (as required).

V. Deliverables

National Economist is expect to deliver key outputs as following

N	Deliverables/Outputs	Estimated Duration to Complete	Target Due Dates	Review and Approvals Required
1	Inception meeting successfully organized. Detailed work plan, learning material and methodology endorsed by MPWT.	5 days	30 th Sept 2018	Team Leader R2 / CCCA Trust Fund Administrator
2	Advanced training on CBA (at least one training event, and on-the-job-support)	5 days	30 th Nov 2018	Team Leader R2 / CCCA Trust Fund Administrator
3	On-the-job training to apply CBA to at least 3 case studies	12 days	30 th March 2019	Team Leader R2 / CCCA Trust Fund Administrator
4	Final reports on CBA including case studies submitted to MPWT and CCCA. Recommendations included in ministry budget submission.	8 days	31 st May 2019	Team Leader R2 / CCCA Trust Fund Administrator

Total # of Days:	30 days
VI. Duration	
The assignment is expected to include 30 working days (August 2018-May 2019).	
VII. Management arrangement	
The national consultant will operate under the general guidance of the CCCA Result 2 Team Leader, and under the direct supervision of CCCA Trust Fund Administrator. He/she will work on a day-to-day basis with the Climate Change Working Group members in MPWT and other team members assigned by the ministry for the specific case studies, including engineers, planning and financial officials.	
VIII. Requirements	
Education	
<ul style="list-style-type: none"> - Master's degree in economics, rural infrastructure, public works, or closely related subjects. 	
Experience	
<ul style="list-style-type: none"> - Minimum 5 years of experience in economics, planning and budgeting including in the public works sector; - Experience related to quantification of climate change or disaster impacts on infrastructures; - Understanding of climate change impacts and projections in the Cambodian context; - Familiarity with government planning systems, budget process and institutional roles; - Ability to interact with senior government officials; - Ability to work as a team with strong communication skills; - Excellent written and oral communication skills; 	
Language	
<ul style="list-style-type: none"> - Excellent command of Khmer and English (both spoken and written) 	