



The 5th Regional Scientific and Technical Committee Meeting
For the SEAFDEC/UN Environment/GEF Project on Establishment and Operation of
a Regional System of Fisheries *Refugia* in the South China Sea and the Gulf of Thailand

16-17 March 2022
 (08:30 – 12:00 am, UTC+7)
 Zoom platform

PROPOSED PROPOSAL FOR ADDITIONAL BUDGET FROM UNSPENT

(Only for country required the additional budget, and Please submission to PCU no later than 28February 2022)

Country Name	CAMBODIA
Lead Agency Name	Department of Fisheries Conservation (DFC)/Fisheries Administration (FiA)
Activity Title	Supporting Operation of Blood Cockle Refugia at Prey Nub, Preah Sihanouk Province and Enhancement of the Stock of Blue Swimming Crab in Kep province
Component and Activity	<ul style="list-style-type: none"> – 1.3.2 Management plans for refugia sites developed through community-based consultations – 1.4.1 Establish management teams and a site-based volunteer network at 3 sites – 1.4.2 Conduct practical capacity building programme for management volunteers at refugia site – 1.4.3 Coordinate monthly training and awareness activities at refugia sites, including pilot management activities – 1.4.4 Develop and implement collaborative observer and enforcement programme for management plan – 2.5.3 Compile information and data on landings of priority species (volume/value, fishing areas and gears) – 3.2.1 Produce locally appropriate public awareness and outreach materials to promote local social, economic and environmental benefits of fisheries <i>refugia</i>.
Reasons	<p>Blood cockle is local specie that not only provides great benefits for community fisheries at Prek Sang Ke village, Tek Thlar commune, Prey Nub District, Preah Sihanouk province in term of food security and incomes, but also exports to Phnom Penh and other provinces. However, this specie suffered seriously from overfishing, illegal fishing, and climate change, affecting the livelihood of local people and marine fisheries resources, especially endangered animal species too.</p> <p>In this situation, Department of Fisheries Conservation collaborating with Preah Sihanouk Fisheries Administration Cantonment of Provincial Department of Agriculture, Forestry, and Fisheries initiated the creation of blood cockle refugia there that contribute to the reduction of overfishing and increasing its stock. Therefore, the proclamation of establishment of management area of the blood cockle refugia at Prey Nub, Preah Sihanouk province has been issued and signed by the Minister of Agriculture, Forestry, and Fisheries on 28 August 2020 with the size of 116ha at Prek Sang Ke village, Tek Thlar commune, Prey Nub District,</p>

	<p>Preah Sihanouk province.</p> <p>Today, DFC/FiA do not have budgets to manage the blood cockle refugia, so DFC/FiA has proposed budgets from SEAFDEC/UNEP/GEF/ Fisheries Refugia to support the implementation and operation of activities at the refugia site. On other hands, the blood of cockle refugia at Preay Nub is also one of more contribution to output of the fisheries refugia project in term of enhancing access to information relating to the locations and status of coastal habitats and management areas in Cambodian waters.</p> <p>Regarding the enhancement of the blue swimming crab stock, DFC/FiA need to support additional budgets from SEAFDEC/UNEP/GEF/Fisheries Refugia Project (unspent budgets) to release the brood stock of blue swimming crab into the water sea in Kep province in order to increase the crab stock.</p> <p>DFC/FiA collaborating with FiAC in Kep and community fisheries to collect buying the crab adults from fishermen and then those crabs are preserved in the cage before releasing them into the sea.</p> <p>Therefore, the stock enhancement of the crab is also one of the project output in term of Improving the management of critical habitats for crab stocks via strengthening the enabling environment and knowledge-base for fisheries refugia management, and enhancing access to information relating to status and trends in crab stocks and their habitats in Cambodian waters.</p>
<p>Activity Description</p>	<p>To achieve above mentioned component and activities, proposed activities are described as follows:</p> <ul style="list-style-type: none"> – Prepare 3 years action plan for blood cockle refugia management, – Educate and disseminate about the important of blood cockle and closed season of blood cockle , – Monitor, Patrol, and crack down illegal fishing at the refugia site, – Organize every three month-meeting with PDoA/FiAC, district and local authorities, community, and fishermen, – Produce extension materials to distribute to district and local authorities, community, and fishermen, – Demarcate the boundary of blood cockle refugia site, – Build and deploy the concrete boxes into the refugia site, – Conduct a field survey of information and data on landing site and social economic of fishermen, and – Release brood stock of blue swimming crab in the nature.
<p>Expected Output(s)</p>	<ul style="list-style-type: none"> – Participate and support from Fishermen and Community Fisheries as well as local authorities in the protection of the marine fisheries resource – Increase marine fisheries resources and blood cockle stock – Improve Food security and incomes of local people – Enhance the stock of blue swimming crab
<p>Period</p>	<p>(from March 2022 to March 2023)</p>
<p>Amount of Budget Request</p>	<p>20,000 USD (USD 15000 for supporting operation of blood cockle refugia at Preay Nub, Preah Sihanouk Province, and USD 5000 for the enhancement of the blue</p>

	swimming crab stock in Kep province)
Cost Elements/ Budget line(s)	<ul style="list-style-type: none"> – BL1200 covers the total expenditures of USD 5500 related to following proposed activities : <ul style="list-style-type: none"> ○ Prepare 3 years action plan for blood cockle refugia management ○ Conduct a field survey of information and data on landing site and social economic of fishermen – BL2200 covers the total expenditures of 4500USD related to following proposed activities : <ul style="list-style-type: none"> ○ Educate and disseminate about the important of blood cockle and closed season of blood cockle, ○ Monitor, Patrol, and crack down illegal fishing at the refugia site, ○ Produce extension materials to distribute to district and local authorities, community, and fishermen, and ○ Demarcate the boundary of blood cockle refugia site. – BL 3200 covers the total expenditures of 6000USD related to following proposed activities : <ul style="list-style-type: none"> ○ Build and deploy the concrete boxes into the refugia site, and ○ Release brood stock of blue swimming crab in the nature. – BL 3300: covers the total expenditures of 4000USD focusing on following activities: <ul style="list-style-type: none"> ○ Organize every 3 month-meeting with PDoA/FiAC, district and local authorities, community, and fishermen.
Remaining of the Budgetas of 31 Dec 2021	<ul style="list-style-type: none"> – Remain budget after reduction of 10% in January 2020= USD 156,676.18 – Total expenditures of December 2020 = USD 50,002.22 – Total expenditures of December 2021 = USD 30,518.58 <p>Therefore, Remain budget in December 2021 = USD 76,155.38 USD</p>