

<b>Assignment name:</b> Assessment and Remedial Design of Dam of Lake-Bank Project for the humanitarian emergency operations in Cox's Bazar, Bangladesh.	<b>Country:</b> Bangladesh <b>Location within country:</b> Cox's Bazar
<b>Name of Client:</b> World Food Programme (WFP) – Bangladesh	<b>Address:</b> IDB Bhaban 14th, 16th and 17th Floor E, 8-A Rokeya Sharani, Dhaka 1207
<b>Duration of assignment (Days):</b> 20 <b>Start date (month/year):</b> 20.05.2019 <b>Completion date (month/year):</b> 09.06.2019	<b>Total No of staff-months of the assignment:</b>
<b>Approx. value of the contract (USD):</b>	
<b>Name of associated Contractors, if any:</b>	<b>No of professional staff-months provided by associated Contractors:</b>
<b>Name of associated Contractors, if any:</b>	<b>Name of senior professional staff of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader etc):</b>  Team leader: Professor Dr. Md. Jahangir Alam  Senior Engineer: Abdul Siddik Hossain
<b>Narrative description of Project:</b>  At camp 20 extension in Kutapalong refugee camp in Cox's Bazar, there was a lake, which did not have any bank protection. Near this lake, there were several establishment including one 20 feet wide road. The main concern, which required quick assessing and remediation as per WFP was bank protection. If the bank was not properly stabilized, soil erosion might took place and lead damage to the nearby infrastructure.	
<b>Description of actual services provided by your staff within the assignment:</b> ❖ Stage 1: <ul style="list-style-type: none"> <li>• Assessment of the condition of natural slope</li> <li>• Identification of Endangered areas, failure mechanism etc.</li> <li>• Conduct Initial Geotechnical Investigation</li> <li>• Conduct Spot Checking Elevation Survey</li> <li>• Report covering current condition and future plan</li> </ul> Deliverable: Assessment Report ❖ Stage 2: <ul style="list-style-type: none"> <li>• Conduct Detail Geotechnical Investigation</li> <li>• Slope Stabilization Analysis</li> </ul> Deliverable: Analysis Report, Drawings (Relevant Slope Condition) ❖ Stage 3: <ul style="list-style-type: none"> <li>• Design New Slope Stabilization System</li> <li>• Detail Construction Drawing</li> <li>• Schedule of quantities</li> <li>• Schedule of unit rates and materials</li> </ul> Deliverable: Retrofitting Design Drawing, Design Report, Bill of Quantity (BoQ)	