


Ref. 16-4900		Project title						
		CONSULTANCY SERVICES FOR STRATEGIC ADVISORY FOR SCIENCE AND MATHEMATICS IN SENIOR HIGH SCHOOLS						
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partners if any
	Ghana	327.895 EUR	50 % (Lead Firm)	4	Ghana Education Service	World Bank	December 2015- December 2017	ITEC Global IBF International Consulting
Detailed description of project						Type of services provided		
<p>The objective of this consultancy is to provide high-level technical guidance and support for a period of two years for Science and Math teaching and learning improvement in Senior High Schools under the “Secondary Education Improvement Project (SEIP)”. This support includes in-person and remote advisory services to decision-makers and policy-implementers within the Science Education Unit of the Ghana Education Service and other relevant units in the Ministry of Education.</p> <p>The consultancy will assist key implementers to oversee, manage, and implement activities related to Science and Math quality improvement. The support would focus on incorporating international best practices and innovation as well as specific, technical input on types of tools and content to be implemented. The key results related to the Secondary Education Improvement Project are to:</p> <ul style="list-style-type: none"> <li>• Ensure improved teaching and learning outcomes in the 125 selected SHS, with the eventual aim of increasing the proportion of students (approximately 50% girls) who achieve 6 credits (approximately 50-60% on test scores for 6 subjects) and above on their West Africa Senior School Certificate Examination (WASSCE).</li> <li>• Ensure effective participation of Science and Math SHS teachers in training to upgrade content and practice innovative pedagogy in the following subject areas: Physics, Chemistry, Biology, Integrated Science, Core Math, and Elective Math with the key aim to improve teaching and learning outcomes in these subject areas in the classroom.</li> </ul>						<p>The technical assistance team consisting of 9 experts are providing, amongst others the following deliverables;</p> <ul style="list-style-type: none"> <li>✓ Synthesized report on best practices with secondary school education and management</li> <li>✓ Long-term strategy for science and mathematics teaching and learning improvements</li> <li>✓ School monitoring tools and implementation</li> <li>✓ Report on current teaching and learning standards</li> <li>✓ Establishment of annual assessment system of learning outcomes</li> <li>✓ Development of teacher incentives and award system</li> <li>✓ Define and provide TOT on challenging subjects</li> <li>✓ Support test-item development</li> <li>✓ Prepare Science and Mathematics Olympiads Exam</li> <li>✓ Provide INSET on pedagogy, and use of new equipment and technologies (incl. ICT based learning)</li> </ul>		