

TERMS OF REFERENCE

CONSULTANCY FOR A TEACHER GUIDE WRITERS WORKSHOP AND DRAFT YEAR 9 SCIENCE CURRICULUM WRITING IN KIRIBATI

A. Project Title: Provide support to the SPC-USP European Union Pacific Technical Vocational Education and Training in Sustainable Energy and Climate Change Adaptation project (EU-PacTVET) and SPC/GIZ Coping with Climate Change in the Pacific Island Region (CCCPIR) programme

B. Project Description

Arguably, one of the key barriers to improving P-ACP countries' energy security status and resilience to climate change impacts is the lack of local and regional capacity and expertise, which results from the absence of sustainable training programmes, trained staff and well-resourced and equipped training institutions to deliver on the required training programmes.

The EU-PacTVET project is being implemented by the Pacific Community (SPC) in partnership with the University of the South Pacific over a period of 53 months, from July 2014 with funding provided by the European Union.

The general objective of the project is to enhance sustainable livelihoods in P-ACPs. Sustainable livelihoods are a high priority for P-ACP communities and governments alike. The purpose of the project is to enhance and/or create P-ACP's regional and national capacity and technical expertise to respond to climate change adaptation and sustainable energy challenges.

The government of Kiribati has been proactive in ensuring that climate change is to be taught to students at all levels. The curriculum documents for all levels have been under review since 2010 and climate change objectives have been added with the support of SPC/GIZ CCCPIR. The Year 7 and 8 curriculum documents were completed earlier in 2017 and climate change learning outcomes were included, specifically in science.

The Year 7 curriculum documents and teachers guides have been introduced to teachers through teacher professional development (TPD) programmes in early 2018 and this training included climate change learning activities for all teachers.

The general objective of this project is to ensure that climate change learning outcomes are included in the Teachers Guides for Year 8. In addition, the Year 9 science curriculum consultations have begun and it will be necessary to ensure learning outcomes in climate change are included to build on from the Year 7 and Year 8 documents. There is a proposal to make two terms of the Year 9 programme optional choices for students. At present, one option is climate change science and one is ocean science. There needs to be discussion around how this can be managed to ensure all students learn about climate change.

The EU-PacTVET project and SPC/GIZ CCCPIR programme are seeking a consultant/s to support the Curriculum Development and Resource Centre (CDRC) of the Kiribati Ministry of Education to work with the writers of all the curriculum subjects of the Teacher Guides for Year 8 to ensure they can include relevant learning activities on climate change in their

respective Teacher Guides.

This would include social responses in Social Studies, understanding and using the language in English and te-Kiribati, working with data in Mathematics and exploring technological adaptations in Technology. In particular, there needs to be extra support for the Science TG to ensure it contains appropriate learning activities for teachers to be able to implement practical activities in their classrooms.

These guides will be written by teachers and undergo limited trialing in classrooms. There is a need to include background information for teachers and references to other resources available, particularly in the outer islands.

The consultant/s will develop teaching and learning resources on climate change suitable for cross-curricular use and facilitate a workshop for the CDO's and writers. Additionally, the consultant/s will work on the draft Curriculum Statement for Year 9 Science and facilitate a meeting with the writers of this document.

The consultant/s will be required to visit Kiribati for a minimum of 7 days before March 10, 2018 to complete this work.

C. Scope of Work

1. The Year 8 Science Teacher Guide must match the Science Curriculum, promote student-centered learning and meet the needs of Kiribati teachers and students.
2. A workshop will be held for the CDO's and Writers. The climate change learning activities for the Writers Workshop must be student-centered, cross-curricular and support the learning through literacy programmes.
3. A discussion paper will be drawn up for Year 9 Science, including draft optional topics and climate change learning outcomes. A discussion will be facilitated with the teachers on the writing panel to make decisions based on best practice in Kiribati and internationally.

D. Expected Outputs

- The Year 8 Science Teacher Guide is started and climate change learning activities have been completed.
- Learning activities based on climate change contexts have been written for all other curriculum subjects.
- The Year 9 Science Curriculum discussion paper is completed by March 8.
- A report on the outcomes of the visit is prepared with boarding passes, hotel receipts and the ticket purchase receipt attached.

E. Institutional Arrangement

The consultant will be directly responsible to the Team Leader of the EU-PacTVET project in Suva, Fiji. In this case, the reporting and any matter relating to the consultancy work should be referred to the SPC/GIZ CCCPIR Climate Change and Education Advisor in Suva, Fiji.

F. Duration of the Work

The consultancy work must be done within a maximum of 10 workdays and should be **completed by 12 March 2018**.

Phasing of the consultancy work is at the consultant’s discretion and is based on the work methodology that forms part of the bidding document.

G. Duty Station

Travel to Kiribati to work with the writers and provide training to CDO’s is required and should take no more than 7 days. Return flight bookings to Kiribati and per diems will be arranged by the consultant and the consultant will be required to submit a ticket purchase receipt, hotel receipts, trip report and original boarding passes as evidence of travel. The consultant will also be responsible for the arrangement of any visas.

H. Evaluation Criteria

Qualifications of the Successful Contractor

- It is **essential** that the appointee/s is a well-qualified professional with integrity and confidence with formal qualification in education and experience as a learning resource developer.

Knowledge, Skills and Experience

- Practical experience with Kiribati education system, particularly the needs and challenges of outer island schools is essential.
- Demonstrated experience developing quality student-centered teaching and learning resources.
- Demonstrated knowledge and experience teaching science and writing science curriculum and support documents is essential.
- Knowledge of Pacific Island protocols and culture influences on learning.
- High level of communication skills.

Proposal Evaluation Matrix

Competency Requirements	Score Weight (%)	Total Obtainable Score
1. A well-qualified professional team with integrity and confidence, formal qualification in education and experience as learning resource developer.	15%	15
2. Practical experience with Kiribati education system, particularly the needs and challenges of outer island schools.	10%	10
3. Demonstrated experience developing quality student-centered teaching and learning resources.	20%	20
4. Demonstrated knowledge and experience teaching science and writing science curriculum and support documents.	10%	10
5. Knowledge of Pacific Island protocols and culture influences on learning.	10%	10
5. High level of communication skills.	5%	5
Total Score	70%	70
Qualification Score (minimum requirement)	49%	49

I. Budget and Schedule of Payments

- The contract cost will be paid based on achieving each set out milestone as shown in the table in this section.
- The following components must be specified by the bidder and must be included in the computation of the contract price:
 - a. Professional fees; and
 - b. Management and operating costs including one economy class return airfare to Kiribati and per diem for no more than 7 days.
- In full consideration for the complete and satisfactory delivery of the outputs specified in section D, the consultant shall be paid in accordance with the following milestones.

Milestones/outputs	Deadline (date)	% Payment
Signing of Contractual Agreement	19 February 2018	20% of price
Final report in accordance with expected outputs	12 March 2018	80% of price

Note: Bidders should include a **Curriculum Vitae, financial proposal and sample of resource development work (Pacific region context preferred).**

Closing date for submission of proposals is **Tuesday 13th February 2018 at 2pm**. All proposals are to be emailed to Ms Selemana Soqe (selemanas@spc.int).