

**GOVERNMENT OF OGUN STATE OF NIGERIA
MINISTRY OF EDUCATION SCIENCE & TECHNOLOGY
OGUN STATE AGRICULTURAL PRODUCTION & INDUSTRIALISATION PROGRAM
(OGAPIP)**

(A World Bank Assisted Project)

**MINISTRY OF EDUCATION SCIENCE & TECHNOLOGY REQUEST FOR EXPRESSIONS OF
INTEREST (CONSULTANCY SERVICES – FIRM SELECTION)**

ASSIGNMENT TITLE:

**CONSULTANCY SERVICES TO CONDUCT SURVEY OF SECONDARY SCHOOL SCIENCE,
TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM) TEACHERS**

BACKGROUND

The Education sector is a top priority of the current Ogun State Government and about 20% of the state budget is spent on education. While Ogun is one of the states with the highest levels of literacy in the country, substantial challenges remain, which are being addressed in the State Education Sector Plan (SESP) up to 2030 and the State Education Operational Plan (SEOP) 2018 to 2020.

The Ogun State Government is requesting assistance from the World Bank to fund the Ogun State Agricultural Production and Industrialization Program (OGAPIP) through an Investment Project Financing instrument. This fund will support the Ogun State Development Plan (SDP) (2018-2030) with a focus on business environment, skills development and public sector governance.

Part of the goals of the program will focus on Strengthening the knowledge and practices of secondary school STEM teachers through introduction of an innovative and proven teaching program that utilizes interactive technology in the classroom and an enhanced delivery of content, as well as the development and implementation of a Science, Technology, Engineering and Mathematics (STEM) teacher network for Continuous Professional Development (CPD) to provide support and school based continuous professional development opportunities to teachers.

Expected results of the planned interventions include:

- Industry is fully participating in the planning, management, monitoring delivery and funding of skills development initiatives in the state.
- Quality and market-relevance of skills development in Ogun state has increased, resulting in an increased rate of employment and self-employment among completers and graduates from skills development institutions (both formal and non-formal).
- An increasing number of young women access market-relevant skills development through both formal and non-formal education and training programs.
- Access by vulnerable population groups, including people with disability, to employment-oriented skills development, based on local market needs, is steadily increasing.
- Farmers are equipped with better foundational skills resulting in increased productivity of farm activities and agriculture-based value chains
- Youth undergoing apprenticeship training with mastercrafts persons in the informal sector benefit from improved training quality
- Increased efficiency in the formal TVET provision, through an expansion of apprenticeship training and improved management of Technical Colleges.
- Improved teaching of STEM subjects in schools encourages more youth to enrol in skills development programs in Technical Colleges and Polytechnics, and to study engineering subjects.
- Better match between supply and demand of skills in the labour market as a result of a coherent policy framework and improved public management capacities.

OBJECTIVE OF THE CONSULTANCY

The objective of the consultancy is to conduct a skills gaps assessment survey of STEM teachers.

The skills gap analyses must follow internationally accepted and commonly used methodologies in their specific field.

SPECIFIC TASKS

This survey will assist the Ogun State Government to identify gaps in secondary school teacher training (pre- and in-service) with focus on STEM teacher training; and inform the design of planned interventions for STEM teacher improvement under the skills programs.

The consultant is expected to:

Provide quantitative data and carry out a qualitative survey of STEM students and teachers in at least 500 public and private secondary schools spread across all local government areas of the State, including assessment of the skills gaps of secondary school STEM students at teachers,

for both technical content and pedagogical and methodological skills using internationally used instruments and methodologies.

Provide both quantitative data and statistical information on STEM students (including trend of number, number per subject, learning outcomes etc.) and teachers (including number, sufficient coverage, characteristics, qualifications etc.)

Provide quantitative data and carry out qualitative survey on STEM pre-service and in-service public and private teacher training institutions.

Provide quantitative data and carry out qualitative survey on STEM and public teacher training service providers such as universities, education consulting firms, STEM professional associations.

Assess the availability of STEM materials for teacher training in the state.

Assess teachers' competencies in using technology for teaching.

Conduct interviews with STEM teachers to get their perspective on strengths, weaknesses, areas they need pedagogy and technical support.

Assess ICT and e-learning readiness in schools to get insight on infrastructure (bandwidth, hardware etc.), readiness of principals and teachers for using ICT.

Assess teachers' perceptions on students' needs.

Based on the findings recommend further training materials and modules to be offered for in-service STEM teachers and necessary action to be undertaken to address typical skills gaps already during pre-employment educational programs.

The assignment is expected to last for a duration of Four (4) months.

SUBMISSION OF EXPRESSION OF INTEREST (EOIS)

The Ogun State Government and Ogun State Agricultural Production & Industrialisation Program (OGAPIP) now invite eligible consulting firms to indicate their interest in providing the services by providing information indicating that they are qualified to perform the services (brochures, description of similar assignments, experience in similar conditions, availability of suitable skills among staff, etc.).

Interested consultants must provide information demonstrating that they have the required qualifications.

- Conversant with pertinent discussions around STEM, education sector and secondary schools
- Ability to conduct qualitative and quantitative research
- Ability to produce technical and scientific reports, and visual presentations;
- Information technology literacy;
- Fluency in written and spoken English;
- Experience in working with national and international development agencies;
- Any additional information that will enhance the success of the Company in the delivery of the services.

More information on this advert can be obtained at <http://ogunstate.gov.ng/recruitment/>

Expressions of interest must be delivered in a written form to the address below **not later than 12 noon on the 11 March 2019.**

Office of the Honourable State Commissioner

Ministry of Education Science & Technology

State Secretariat, Oke-Mosan

Abeokuta, Ogun State

The soft copy of the expression of interest should be sent to oguneducationp4r@gmail.com via email.