

# Terms of Reference

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*To contract a Geospatial Analysis on Gender-Based Violence (GBV), Poverty and Climate Change Impacts, an Activity under the EnGenDER Project*

Job Title:	Contracting a consultant company to conduct gender-data analysis and design and develop a model for geospatial mapping of Poverty, GBV and climate change impacts for four countries namely Grenada, Guyana, Jamaica and Suriname, and train senior technical officers of the nine EnGenDER beneficiary countries in the design application of the model
Contract Type:	Institutional
Duty Station:	BARBADOS
Duration of Assignment:	<b>1 May – 30 September, 2022</b>
Contracting Authority:	United Nations Entity for Gender Equality and the Empowerment of Women (UN Women) Multi Country Office - Caribbean

## 1. BACKGROUND

UN Women, grounded in the vision of equality enshrined in the Charter of the United Nations, works for the elimination of discrimination against women and girls; the empowerment of women; and the achievement of equality between women and men as partners and beneficiaries of development, human rights, humanitarian action and peace and security.

The UN Women MCO Caribbean covers 22 countries and territories in the English and Dutch speaking Caribbean, which are part of the Caribbean Community (CARICOM). Strides towards gender equality in the countries covered by the MCO have resulted in gains for women and girls in the Caribbean, relating primarily to high education rates and increases in employment rates. However critical gaps remain. These gaps are further exploited during hazards like COVID-19 and other environmental hazards.

Recent prevalence surveys supported by UN Women, governments and development partners demonstrate that Caribbean prevalence rates of violence against women are at or above the world average. Women and girls experience and fear various types of gender-based violence (GBV), including sexual harassment and violence in private and public spaces ranging from unwanted sexual remarks and groping to rape and gender-related killings. Disasters and climate change strengthen the conditions for GBV to thrive as the social, financial, and infrastructural gender inequalities are exacerbated. For example, women and girls seek shelter more than men and boys during disaster events, putting them at risk for various types of exploitation and abuse. The impacts of disasters and climate change result in disproportionate and adverse impacts on women as they tend to comprise the majority of the poorest and marginalised populations. Enhancing women's resilience to climate change can consequently mitigate negative gender-poverty impacts.

Building on the "Enabling a Gender-Responsive Disaster Recovery, Climate and Environmental Resilience in the Caribbean" (EnGenDER) project, funded by the Global Affairs Canada and Foreign, Commonwealth & Development Office (FCDO) of the United Kingdom, and the Spotlight Initiative, partnership between European Union and the United Nations to end all forms of violence against women and girls, UN Women works towards increased knowledge and improved capacities of UN

system, governments, civil society organizations and development partners to address GBV in the changing climate.

## **2. OBJECTIVES OF THE ASSIGNMENT**

The company should provide at least two (2) consultants to submit a methodology for gender-analysis of data from relevant national surveys and data sources including at a minimum those on poverty, GBV, disaster risk resilience and climate change; and geospatial mapping of GBV and climate hazard impacts, and to design and develop a model for geospatial mapping of GBV and climate hazard impacts for four countries under the EnGenDER Project, namely Grenada, Guyana, Jamaica, and Suriname. The consultants will also train senior technical officers from all the EnGenDER beneficiary countries on design and application of the model for geospatial mapping of GBV and climate hazard impacts.

## **3. RESULTS**

**In the area of Disaster Risk Reduction the following results are expected:**

- Collect data from Surveys of Living Conditions/Poverty Measurement Surveys, GBV Prevalence Studies, climate data repositories and other relevant data sources for the four focus countries, ensuring spatial coverage.
- Design a research model and conduct data analysis on the linkages between Poverty, GBV and climate change impacts in collaboration with the company's GIS personnel.
- Collaborate with the company's GIS personnel to develop visual presentations of the research.
- Develop a training programme and modules and train senior technical officers from priority sectors on conducting gender-data analysis on the linkages of Poverty, GBV and climate hazard impacts.
- Prepare final report, inclusive of geospatial visualizations.

**In the area of GIS the following results are expected:**

- Develop the geospatial model for analysing Poverty, GBV and climate change interlinkages, using the data and analysis from the research.
- Collaborate with the company's DRR personnel to ensure analysis can be spatially presented.
- Produce visualizations of the research.
- Train senior technical officers on spatial analysis and data visualization in presenting interlinkages of Poverty, GBV and climate hazard impacts.
- Prepare final report, in collaboration with company's DRR personnel.

#### 4. COMMUNICATIONS

A UN Women email account will be assigned to the company. This account should be used as the primary mode of written communication related to the assignment, in keeping with the Information Security Policies of UN Women.

#### 5. SELECTION CRITERIA

In the area of **DRR**, the company's personnel should meet the following criteria:

**Education:**

- Advanced degree in Social Sciences e.g., Statistics, Geography, Development, Business, Economics, Administration, or equivalent.

**Experience:**

- Minimum 5 years of experience in gender analysis.
- Minimum 5 years of experience working on DRR and/or climate change
- Previous experience in facilitating training workshops in gender-analysis will be an asset.
- Prior experience in the Caribbean Region will be an asset.

In the area of ***Gender Poverty Analysis***, the company's personnel should meet the following criteria:

**Education:**

- A Master's Degree in any of the following areas: Economics, Social Sciences, Statistics, Public Health, Gender and Development

**Experience:**

- Minimum 5 years of experience in gender and poverty analysis.
- Minimum 5 years' direct experience analysing micro-datasets from large household surveys including Surveys of Living Conditions/Poverty Measurement Surveys.
- Demonstrable experience with statistical analysis software (e.g., SPSS, STATA).

In the area of **GIS**, the company's personnel should meet the following criteria:

**Education:**

- Advanced degree in data science, computer science, applied mathematics, statistics, economics, geography, psychology or equivalent.
- Advanced qualifications or experience with statistical software (ArcGIS, QGIS, R, Stata, or Python) are required.

**Experience:**

- Minimum 5 years of experience in conducting geospatial analysis on climate change impacts or disaster situations.
- Familiarity with geospatial information software systems (ArcGIS, QGIS) is required.
- Data visualization experience is required.
- Previous experience in facilitating training workshops will be an asset.
- Prior experience in the Caribbean Region will be an asset.

**Languages:**

- Fluency in English is required for personnel assigned to project.

**Negotiations:**

- Based on the proposal submitted, further discussions on the methodology and/or revisions may be held. Notwithstanding, the elements of the Terms of Reference will remain the same.

**A. DELIVERABLE SCHEDULE**

Under the overall supervision of the **UN Women MCO - Caribbean Representative**, with day-to-day supervision by the **Programme Officer – Humanitarian, Climate Change and Disaster Risk Reduction**.

<b>Deliverable</b>	<b>Timeframe</b>
<b>Disaster Risk Reduction (DRR) and Gender Poverty Analysis Deliverables</b>	
Prepare Inception Report outlining the methodology, in collaboration with company's GIS personnel	<i>10 May 2022</i>
Collect data from Surveys of Living Conditions/Poverty Measurement Surveys, GBV Prevalence Studies, climate data repositories and other relevant data sources for the four focus countries, ensuring spatial coverage	<i>31 May 2022</i>
Design a research model and conduct data analysis on the linkages between Poverty, GBV and climate change impacts in collaboration with the company's GIS personnel	<i>30 June 2022</i>
Collaborate with the company's GIS personnel to develop visual presentations of the research	<i>30 June 2022</i>
Develop a training programme and modules and deliver training to senior technical officers from priority sectors on conducting gender-data analysis on the linkages of Poverty, GBV and climate hazard impacts	<i>31 August 2022</i>
Prepare final report, inclusive of geospatial visualizations	<i>23 September 2022</i>
<b>Geographic Information Systems (GIS) Deliverables</b>	
Collaborate with company's DRR personnel to develop Inception report outlining methodology	<i>10 May 2022</i>
Develop the geospatial model for analysing Poverty, GBV and climate change interlinkages, using the data and analysis from the research	<i>31 May 2022</i>
Collaborate with the company's DRR personnel to ensure analysis can be spatially presented	<i>30 June 2022</i>
Produce visualizations of the research	<i>30 June 2022</i>
In collaboration with the company's DRR personnel, develop a training programme and deliver training to senior technical officers on spatial	<i>31 August 2022</i>

analysis and data visualization in presenting interlinkages of Poverty, GBV and climate hazard impacts	
Prepare final report, in collaboration with company's DRR personnel	23 September 2022