

Assignment Details

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| Assignment No. | 20797-GUY | | |
| Purpose | Geodetic Survey Capacity Building | | |
| Estimated Duration | TBD | Country | Guyana |
| Required Language | English | Assignment Location | Georgetown |
| Requested Start (Month) | Jun-Jul 2022 | Assignment Sector | Governance (multi-sector) |
| Format | In Country | Function | General Management |
| Approx. # of Participants | 7 | Role | Land Use Planning Advisor |

Partner Details

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| Name | Guyana Lands and Surveys Commission (GLSC) |
| Type | Government |
| Description | <p>The Mission of the Guyana Lands & Surveys Commission (GLSC) is to effectively and efficiently administer lands for the benefit of our clients and national development. The GLSC will endeavour to become an autonomous organization, through a team of professional and motivated staff, using appropriate technology to deliver quality services to clients, providing decision support for effective land management, policy and planning and ensuring access to land by all, thus contributing to poverty alleviation and national development.</p> <p>Some of the services offered by the Lands and Surveys Commission are:</p> <ul style="list-style-type: none"> Cadastral Surveying Recording of Plans Land Administration of State and Government Lands Land Use and Planning Land Information and Mapping |

Assistance Requested

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| Description | <p>Guyana's infrastructure is rapidly expanding and there is a need for up-to-date geodetic information and data. Construction Projects by foreign and local contractors are making more requests to the Commission in these matters. In addition, the Guyana Lands and Surveys Commission (GLSC) has made an effort in having a Continuous Operation Reference Station (CORS) network but its coverage is</p> |
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| | limited and the staff is inexperienced in maintaining a fully functional CORS. Due to the need to improve our mapping framework to produce maps and Geographic Information System (GIS) products, we need a new Mapping Framework based on updated coordinates from an expanded CORS network. Guyana also needs to establish a Geoid model in order to utilize GPS for vertical controls. |
| Desired Tasks/Activities | High-level advice and training to: Upgrade the geodetic network and infrastructure Hands-on training on standards operations procedures, maintenance, and management to densify the Continuous Operation Reference Station (CORS) Support data collection process for a future geoid and ellipsoid model Training for an improved local mapping framework. |
| Desired Skills | A Geodesist with experience in Geodetic networks, CORS Networks, and Geodetic Mapping Frameworks. |

Expected Assignment Thematic Areas & Results

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| Immediate results | After exposure, staff should be able to demonstrate functional knowledge in the areas of capacity building. |
| Medium/Long-term results | Staff should be able to maintain Standard Operating Procedures as well as become trainers for continued capacity building. |
| Gender Equality | There is one female surveyor In the Survey Division and she is part of the Geodetic Survey section. GLSC has no bias in terms of gender in its employment and training needs. They are several technical sections within the commission headed by females, however, Survey in Guyana is dominated by males but more females have been entering the profession over the last twenty years. |
| Environmental Sustainability | This assignment will build the Lands and Survey Commission's capacity in mapping and providing more accurate geodetic data which can be used to produce maps with environmental data with coordinates and locational accuracy. The information will be in digital format which can be shared with the Natural resources agency for monitoring, planning and Coastal protection. The geodetic framework provides the basis for mapping. GLSC provides base maps for all other GIS-related activities including but not limited to environmental management. |

CESO Advisor Logistics

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| Accommodation Type | Hotel |
| Recommended Clothing | |
| Computer Access | CESO Advisor must bring laptop |
| Overall Internet Connection Quality | |