



Job Title:	Senior Hydropower Engineer		
Division:	Energy & Energy Statistics Division	Salary Scale:	GA10
Job Classification:	Technical	Salary Range:	
Reports to:	Head, Energy & Energy Statistics Division		
Purpose:	To support the development of Guyana's hydropower resources.		
Key Output:	Provide technical advice and support on the development and management of Guyana's Hydropower initiatives/projects.		
Main Duties:	<ul style="list-style-type: none"> • Provide all relevant information and analysis on Guyana's hydropower studies; • Analyse Technical data for planning and designing of Hydropower projects. • Prepare pre-feasibility and feasibility studies for hydropower development • Prepare economic and financial analyses for hydropower development • Plan and manage Hydropower projects and development activities • Preparation of detailed engineering design and technical specifications for various hydropower structures and components. • Preparation of tender documents and bid evaluation reports • Be conversant with and keep under review all hydropower studies for the country; • Review and provide recommendations on Environmental Impact Assessments (EIA), Geotechnical assessments and Topographical surveys for proposed hydropower projects; • Undertake any other duties and tasks that may be assigned by the Head of Division, the CEO or his nominated representative. 		
Key Competencies:	<ul style="list-style-type: none"> • Reliable and productive; • Ability to execute instructions; • Ability to communicate technical material effectively • Ability to lead/work in multi-disciplinary teams • Strong technical and engineering skills in hydro power development and design; • Strong written and oral communication skills; • Ability to work with minimal supervision; • Good listening skills, ability to dialogue with key stakeholders • Meticulous; and • Computer literate. 		
Qualifications:	<ol style="list-style-type: none"> 1. Master's degree in either Hydropower engineering or Water Resources Engineering with at least five years' experience in hydropower development or a Bachelor's degree in Civil Engineering/Mechanical engineering or related discipline with at least ten years' experience in hydropower development. 2. Experience in reading drawings, maps and performing economic and financial analysis for energy projects. 3. Project management experience. 4. Experience in using AutoCAD, GIS, Microsoft Project and hydropower engineering software for Modeling and simulations. 		