

DRUK HYDRO ENERGY LIMITED
TERMS OF REFERENCE
FOR
SURVEY ENGINEER

Title of Position:	Survey Engineer
Reports to:	PD/EIC, HPP
Function:	HPP, DHyE
Job Summary:	
<p>To plan and prepare the technical specification of the Topographical survey and mapping of HPPs and guide assistant surveyors/Engineers on all survey works. Also, review survey maps and reports produced by consultants to assess reliability and technical accuracy. Establishment monitoring network in the project system for 3D deformation survey at HPPs. Keep accurate notes, records, and sketches to describe and certify work performed. Coordinates findings with the work of engineering and architectural personnel, clients, and others concerned with the projects.</p>	
Responsibilities and Accountabilities:	
<ul style="list-style-type: none"> ▪ Conduct surveys on land sites and properties ▪ Examine previous records and evidence to ensure data accuracy ▪ Research and design methods for survey processes ▪ Use equipment and tools to accurately measure land features (e.g. longitudes, latitudes) ▪ Build maps, sketches, and charts ▪ Supervise and provide guidance to field staff ▪ Purchase and maintain equipment ▪ Report on survey results and present findings to clients ▪ Collaborate with engineers and architects on several projects 	
Reporting	
<ul style="list-style-type: none"> ▪ Report directly to the Engineer-In-Charge and attend regular Progress Review Meetings at the Project level. ▪ Submit monthly survey Reports of the construction works carried out by the Contractor and also underscore issues that may require the intervention of the EIC or Project Director. 	
Key Performance Indicators	
<ul style="list-style-type: none"> ▪ Achievement of yearly targets. ▪ Successful and timely completion of Surveys of project sites. ▪ Carry out the due diligent exercise of hydropower project reports so as to come out with the best quality reports with minimal risk and changes during the implementation phase of the project. ▪ Associated with the ongoing hydropower projects in resolving technical issues being faced by the projects as and when required. 	

Qualification, Key Skills, and Competencies

<p>Qualification: Bachelor's Degree in Survey Engineering.</p>	<p>Key Skills and Competencies:</p> <ul style="list-style-type: none">▪ Should have an innovative approach to the work for better efficiency with good knowledge of applications such as MS Excel/Word, AutoCAD, etc.).▪ Working knowledge of GPS and GIS.▪ Tech savvy, including familiarity with CAD software.▪ Aptitude in math and problem-solving.▪ Attention to detail.▪ Should have sound knowledge of the mode of construction contracts related to hydropower project development.▪ Ability to maintain an overview of entire projects while continuing to attend to detailed technicalities.▪ Respect, integrity, commitment, diversity, stress tolerance, excellence, and building partnerships/team work.
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