

Project Code	CE_SAND_1	
Project Details	Internship Category	Sandwich
	Internship Period	June 2019 to May 2020
	Preferred Disciplines	First Preference: Civil Engineering Other Preference: Structural Engineering
	Project Name	Reconditioning of turbine hall of Penny's Bay Power Station (PBPS)
	Business Objective(s)	<ul style="list-style-type: none"> • To carry out reconditioning works for the PBPS turbine hall to ensure a safe environment for generation plant operation in order to: <ul style="list-style-type: none"> ○ provide a safe working environment for CLP staff and contractors; and ○ maintain a reliable electricity supply for CLP customers
	Project Descriptions	<ul style="list-style-type: none"> • Reconditioning of PBPS turbine hall <ul style="list-style-type: none"> ○ The intern will involve in the project team to review the condition of the PBPS turbine hall and implement the reconditioning works according to the review findings in order to upkeep the turbine hall condition • Other civil engineering projects <ul style="list-style-type: none"> ○ Apart from key involvement in the turbine hall reconditioning project, the intern will have chance to participate in or take lead of various minor civil engineering projects, e.g. building external wall refurbishment.
	Project Deliverables	<ul style="list-style-type: none"> • Reconditioning of PBPS turbine hall <ul style="list-style-type: none"> ○ Carry out a detailed inspection to identify defects of the turbine hall and their root causes, and develop appropriate reconditioning / repairing solutions accordingly ○ Implement the reconditioning works with effective contractor management and quality check to achieve all expected outcomes ○ Prepare progress reports to facilitate project management • Other civil engineering projects <ul style="list-style-type: none"> ○ Properly manage / implement the projects to meet project objectives
Required Skills	<ul style="list-style-type: none"> • Academic: major in Civil/ Structure Engineering • Computer: basic applications of MS words, excel, 	

CIP 2019

Project Outline ~ Civil Engineering

		<p>powerpoint</p> <ul style="list-style-type: none">• Interpersonal: enjoying teamworks and communications with others• Language: good English writing and English & Cantonese speaking skills
	Learning	<ul style="list-style-type: none">• General project management skill, including progress management, contractor management, inter-parties coordination, budget monitoring & control, resource management etc..• Detailed civil engineering knowledge, e.g. identification of root cause of different defects, appreciation of pros & cons of different construction / repairing methods, control of working sequence, etc..