

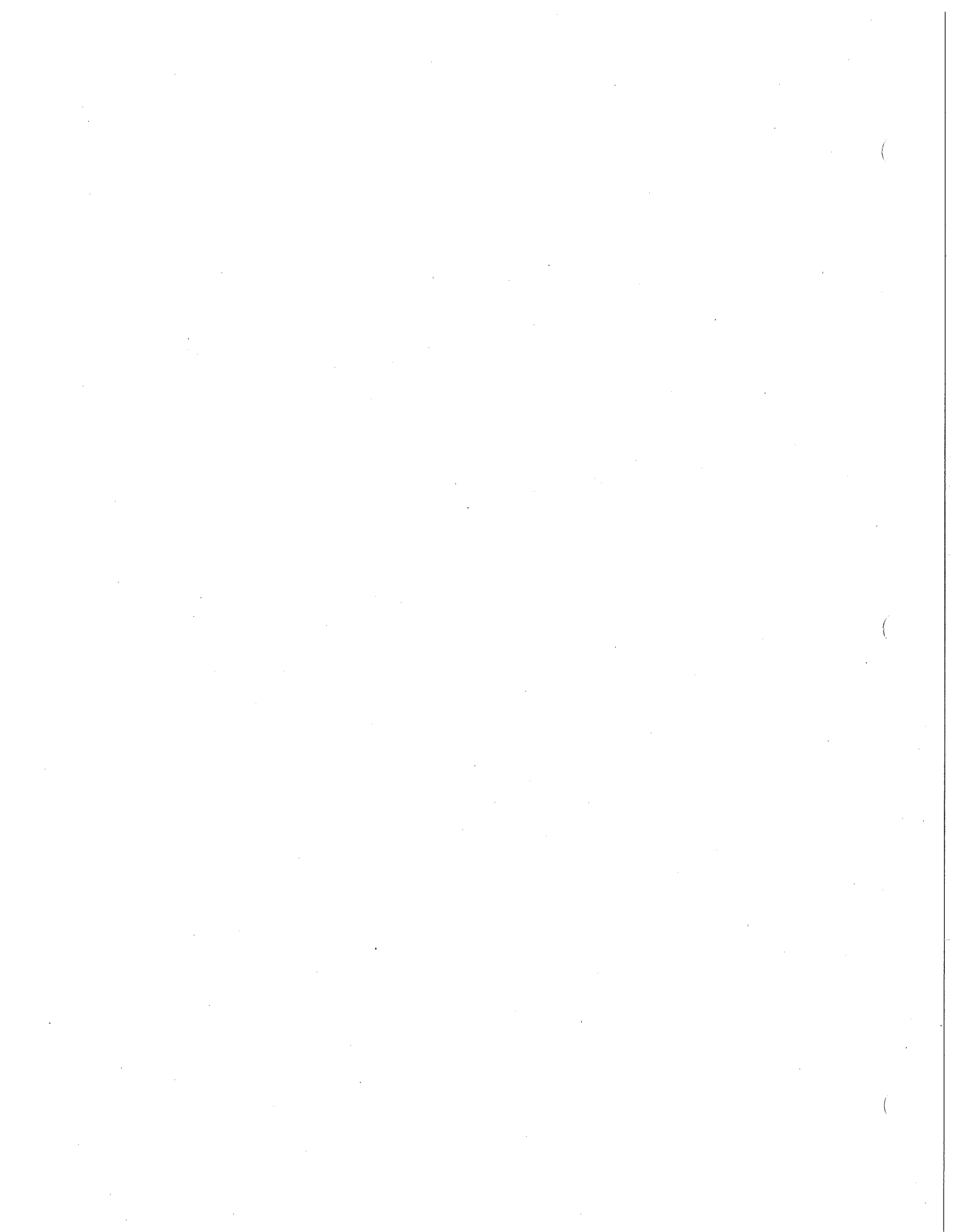
SITE C CLEAN ENERGY PROJECT

DIRECT COST ESTIMATE

SUPPLEMENTARY INFORMATION

SECTION 13

CONTINGENCY



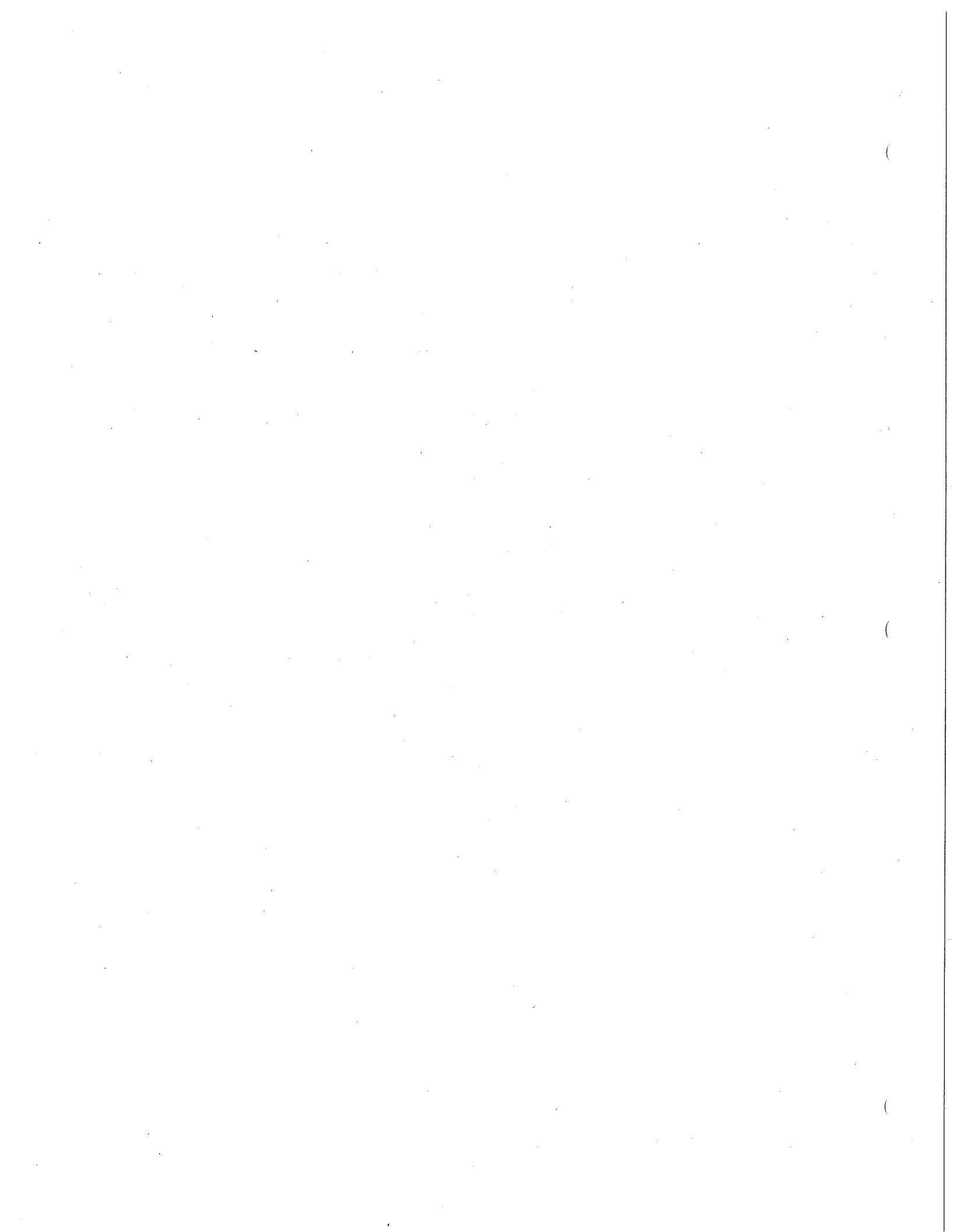
Contingency Summary

Code Package	EAC (\$2014)	P50 Contingency 50%	Cont as % of DCC	Expected Amount	P90 Contingency 90%	Res as % of DCC	P90 Amount
LR Rights, Taxes and Grants							
HWY Highway 29 Relocation and Hudson's Hope Berm							
CLR Clearing							
ECW Early Civil Works							
MCW Main Civil Works							
GSS Generating Station and Spillway							
TG Turbines and Generators							
TF Transformers							
SUB Site C Substation							
TRL 500 KV Transmission Line							
PCN Peace Canyon GIS Building Expansion							
MISC Miscellaneous Items							
WA Worker Accomodation							
CM BC Hydro Construction Management							
Other Contingency for Value Engineering							
Total							
Contingency for Indirects (Mgt & Eng, Insurance)							
Contingency for Mit/Comp/Benefits Reserves							
Contingency for Sunk Costs							
Total (\$2014)							
Total (\$2010)							

Reconciliation and Variance from 2014 Refresh Monte Carlo to Remaining Contingency (\$2014)

2010 Contingency	
Draw from Contingency, 2014	
Balance of Contingency per Financial Model	
P50 Contingency from 2014 Refresh Monte Carlo	
Variance Between Remaining Contingency and 2014 Refresh Monte Carlo	
Variance Between Remaining Contingency and 2014 Refresh Monte Carlo (\$2010)	

Remaining Contingency Expressed as % of Total Costs (excl sunk cost, mit/comp/bet)



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 CONTRACT FRAMEWORK VIEW

Job No: ...
 Mar 2014
 Design Low% Design High% Design
 Labour Low% Labour High% Labour
 Productivity Low% Productivity High% Productivity
 Markup Low% Markup High% Markup
 Material Package
 Binomial 1 Binomial 2 Binomial Total
 Total Total US %

Category	Relative	Description
DIRECT COSTS		
LR	1	Rights, Taxes and Grants
LR	2	Site Access Roads
LR	3	Site Access Roads
LR	4	Demolition Work
LR	5	Demolition Work
LR	6	Land Clearing
LR	7	Water Rights
LR	8	Taxes
LR	9	Other
LR	10	Sub-Total :
HWY	1	Highway 29 Relocation and Hidden's Hope Arm
HWY	2	Highway 29 Relocation and Hidden's Hope Arm
HWY	3	Highway 29 Relocation and Hidden's Hope Arm
HWY	4	Highway 29 Relocation and Hidden's Hope Arm
HWY	5	Highway 29 Relocation and Hidden's Hope Arm
HWY	6	Highway 29 Relocation and Hidden's Hope Arm
HWY	7	Highway 29 Relocation and Hidden's Hope Arm
HWY	8	Highway 29 Relocation and Hidden's Hope Arm
HWY	9	Highway 29 Relocation and Hidden's Hope Arm
HWY	10	Sub-Total :
CLR	1	Clearing
CLR	2	Clearing
CLR	3	Clearing
CLR	4	Clearing
CLR	5	Clearing
CLR	6	Clearing
CLR	7	Clearing
CLR	8	Clearing
CLR	9	Clearing
CLR	10	Sub-Total :
EDW	1	Earthwork
EDW	2	Earthwork
EDW	3	Earthwork
EDW	4	Earthwork
EDW	5	Earthwork
EDW	6	Earthwork
EDW	7	Earthwork
EDW	8	Earthwork
EDW	9	Earthwork
EDW	10	Sub-Total :
MCW	1	Material
MCW	2	Material
MCW	3	Material
MCW	4	Material
MCW	5	Material
MCW	6	Material
MCW	7	Material
MCW	8	Material
MCW	9	Material
MCW	10	Sub-Total :
GS	1	General Services
GS	2	General Services
GS	3	General Services
GS	4	General Services
GS	5	General Services
GS	6	General Services
GS	7	General Services
GS	8	General Services
GS	9	General Services
GS	10	Sub-Total :
TO	1	Test and Observation
TO	2	Test and Observation
TO	3	Test and Observation
TO	4	Test and Observation
TO	5	Test and Observation
TO	6	Test and Observation
TO	7	Test and Observation
TO	8	Test and Observation
TO	9	Test and Observation
TO	10	Sub-Total :
TR	1	Transmission
TR	2	Transmission
TR	3	Transmission
TR	4	Transmission
TR	5	Transmission
TR	6	Transmission
TR	7	Transmission
TR	8	Transmission
TR	9	Transmission
TR	10	Sub-Total :
TL	1	Transmission Line
TL	2	Transmission Line
TL	3	Transmission Line
TL	4	Transmission Line
TL	5	Transmission Line
TL	6	Transmission Line
TL	7	Transmission Line
TL	8	Transmission Line
TL	9	Transmission Line
TL	10	Sub-Total :
PCN	1	Construction
PCN	2	Construction
PCN	3	Construction
PCN	4	Construction
PCN	5	Construction
PCN	6	Construction
PCN	7	Construction
PCN	8	Construction
PCN	9	Construction
PCN	10	Sub-Total :
MISC	1	Miscellaneous
MISC	2	Miscellaneous
MISC	3	Miscellaneous
MISC	4	Miscellaneous
MISC	5	Miscellaneous
MISC	6	Miscellaneous
MISC	7	Miscellaneous
MISC	8	Miscellaneous
MISC	9	Miscellaneous
MISC	10	Sub-Total :
MISC	11	Miscellaneous
MISC	12	Miscellaneous

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 CONTRACT PACKAGE VIEW

Category	Feature	Description	Design	Design	Design	Labour	Labour	Labour	Productivity	Productivity	Productivity	Markup	Markup	Markup	Biomimicry	Biomimicry	Biomimicry	Total	Total as %
			Low	High	High	Low	High	High	Low	High	High	Low	High	High					
	MISC 13	Road Maintenance																	
	MISC 14	Booth Housing																	
	MISC	Maintenance Items																	
	WA	1. Survey																	
	WA	2. O&M																	
	WA	3. Financing																	
	WA	4. Workforce (includes only)																	
	WA	5. BCI Main Site Office																	
	WA	6. Camp Platform Prep																	
	WA	7. Worker Accommodation																	
	CA	8. Material Management																	
	CA	9. Construction Management																	
	CA	10. Construction Management																	
	CA	11. Construction Management																	
	CA	12. Hydro Construction Management																	
		Total Construction Costs Without Contingency, Unloaded																	
		INDIRECT COSTS																	
	100	Sunk Project Definition Costs (Stage 1, 2, and Project Optimized																	
	200	Regulatory Phase Engineering																	
	400	Construction Insurance and Bonding																	
	500	Regulatory Mitigation and Compensation																	
	600	Benefits Agreement Reserve																	