

CONFIDENTIALITY MATRIX

LEGEND	
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Function/Tab#	Capital Work Order	Work Order Main Body*	Attachment 1	Attachment2	Attachment 3
Generation					
	Hydro Projects				
G01	46298 - HYD Five Mile Lake Dam Refurb	<i>PP and DCE (1)</i>	TS: Design Drawing	TS: Design Drawing	
G02	47397 - HYD Gisborne Dam Refurb	<i>PP and DCE (1)</i>			
G03	47396 - HYD Nictaux Dam Refurb	<i>PP and DCE (1)</i>			
G04	47172 - HYD Tidewater 1 Overhaul	<i>PP, DCE and EAM (1)</i>	<i>CS: Norcan Proposal (1) (2)</i>		
G05	47332 - HYD Methals Runner Replacement	<i>PP, DCE and EAM (1)</i>	<i>CS: Norcan Proposal (1) (2)</i>	<i>CS: EnerServ Proposal (1)</i>	
G06	47432 - HYD - Ridge Overhaul	<i>EAM (1)</i>			
	Steam Projects				
	Boiler				
G07	47552 - TRE5 Boiler Refurbishment	<i>EAM (1)</i>			
G08	47664 - LIN3 Division Wall Replacement	<i>EAM (1)</i>			
G09	47613 - PHB Boiler Refurbishment 2016				
G10	47666 - LIN4 Boiler Refurbishment	<i>EAM (1)</i>			
G11	47663 - LIN4 SH5 Boiler Tube Replacement	<i>EAM (1)</i>			
G12	46352 - TRE5 Air Heater Refurbishments	<i>PP, DCE and EAM (1)</i>	<i>CS: Howden Quote (1)</i>		
G13	47689 - LIN4 Air Heater Refurb	<i>DCE and EAM (1)</i>	<i>CS: Howden Quote (1)</i>		
G14	47761 - LIN1 Boiler Refurbishment	<i>EAM (1)</i>			
G15	47690 - LIN4 Burner Front Components Replacement	<i>DCE and EAM (1)</i>	<i>CS: R-V Quote (1)</i>		
	Turbine				
G16	47658 - LIN4 L-0 Blade Replacement	<i>DCE and EAM (1)</i>	<i>CS: Toshiba Quote (1) (2)</i>	<i>CS: Toshiba Fixed Price Offer (1) (2)</i>	
G17	47755 - LIN4 Turbine HT Fastner Replacement	<i>PP, DCE and EAM (1)</i>	<i>CS: Hitachi Quote (1) (2)</i>		
G18	47911 - TUC1 Turbine High Temp Fasteners		TS: TMP		
G19	46465 - TUC2 Turbine Valve Replacement				
G20	48018 - TUC1 IP Blading Refurbishment				
	Generator				
G21	47673 - LIN4 Rotor Rewind	<i>PP, DCE and EAM (1)</i>	<i>CS: Toshiba Fixed Price Offer (1) (2)</i>	<i>CS: Toshiba Fixed Price Offer (1) (2)</i>	<i>CS: Toshiba Quote (1) (2)</i>
G22	43170 - LIN4 AVR Replacement	<i>DCE and EAM (1)</i>	<i>CS: Basler Quote (1) (2)</i>		
G23	47657 - LIN4 HVB Refurbishment	<i>DCE and EAM (1)</i>	<i>CS: Toshiba Proposal (1) (2)</i>	<i>CS: Toshiba Proposal (1) (2)</i>	
	Chemical				
G24	47762 - LIN4 Analytical Panel	<i>DCE (1)</i>	<i>CS: Sentry Proposal (1) (2)</i>		
G25	47961 - LIN1 Condenser Tube Coating	<i>PP, DCE and EAM (1)</i>	<i>CS: Plastacor Quote (1)</i>		
G26	47704 - POT - Replace Polisher Chemical Skid	<i>DCE and EAM (1)</i>	<i>CS: ProMinent Proposal (1)</i>	TS: Quality Process	
G27	47945 - TUC EDI Replacement	<i>DCE (1)</i>	<i>CS: GE Proposal (1)</i>	TS: GE Product Discontinuance	
	Balance of Plant				
G28	47611 - POT - Demolish Unit 1 Stack	<i>PP and DCE (1)</i>	<i>CS: Hamon Quote (1)</i>	TS: Hamon Inspection Report	
G29	47505 - LIN Mill Refurbishment 2016	<i>EAM (1)</i>			
G30	47661 - POT - Asbestos abatement 2016	<i>PP and DCE (1)</i>			
G31	47869 - LIN 4 Bottom Ash Refurbishment	<i>EAM (1)</i>			

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G32	47554 - TRE5 5-1 FD Fan Refurbishment	<i>DCE and EAM (1)</i>	<i>CS: Howden Quote (1)</i>		
G33	41505 - TRE5 5F Conveyor Structure Refurb	<i>DCE (1)</i>	<i>CS: MacGregors/AML Quotes (1)</i>	TS: PDI Survey	
G34	47872 - LIN E Gallery Protective Coating	<i>PP and DCE (1)</i>	<i>CS: AML Quote (1) (2)</i>	TS: CBCL Inspection Report	
G35	47555 - TRE5 Coal System Upgrades				
G36	47510 - LIN Coal Plant Structural Refurbishment				
G37	47662 - POT - Coal mill overhaul	<i>EAM (1)</i>			
G38	47617 - TRE6 Elevator Upgrades	<i>PP and DCE (1)</i>	<i>CS: Otis Quote (1)</i>		
G39	47614 - PHB Fuel System Refurbishment	<i>PP and DCE (1)</i>	<i>CS: Andritz Quote (1)</i>		
G40	47668 - POT - Plant siding 2016				
G41	47596 - TRE6 ID Fan Damper Upgrades	<i>DCE and EAM (1)</i>	<i>CS: Provan Quote (1)</i>		
G42	47507 - LIN CW Pump Refurbishment	<i>PP, DCE and EAM (1)</i>	<i>CS: Sulzer Quote (1) (2)</i>		
G43	47506 - LIN CW Screen Refurbishment 2016	<i>EAM (1)</i>			
Transmission					
T01	46591 - 88S Lingan GIS Replacement	<i>DCE (1)</i>	<i>CS: AZZ Quote (1)</i>		
T02	48066 - 2016 PCB Removal - Substation				
T03	46587 - Metro Capacitor Bank Additions				
T04	46757 - 882 Lingan 230kV BPS Upgrade		TS: NPCC Letter	TS: NS Power Letter	TS: NPCC Minutes
T05	46811 - 2H Armdale Transformer Addition		<i>TS: Distribution Planning Study (3)</i>		
T06	47950 - L-5017 Replacements and Upgrades	<i>DCE (1)</i>			
T07	44981 - 2C Add 138-25kV Transformer				
T08	47952 - L-7001 Replacements Phase 3 and Phase 4	<i>DCE (1)</i>			
T09	48061 - New Mobile Transformer 69-25kV		TS: Substation List		
T10	48114 - 2016 Steel Tower Life Extension - HRM				
T11	47914 - L-6537 Replacements and Upgrades	<i>DCE (1)</i>			
T12	47935 - L-5040 Replacements	<i>DCE (1)</i>			
T13	47949 - L-5028 Replacements and Upgrades	<i>DCE (1)</i>			
T14	47912 - L-6552 Replacements and Upgrades	<i>DCE (1)</i>			
T15	48113 - 2016 Steel Tower Refurbishment	<i>DCE (1)</i>			
T16	48059 - 2016 Switch & Breaker				
T17	48116 - 2016 Sacrificial Anode Installation	<i>DCE (1)</i>			
T18	48067 - 2016 Oil Containment for Transformers				
T19	48063 - 2016 Capacitor Bank Breaker Replacement				
T20	48062 - 2016 Reactor Breaker Replacement				
Distribution					
D01	47721 - PCB Phase-out for Pole Top Transformers				
D02	48093 - 2016 Padmount Replacement Program				
D03	47752 - 4S-333 Bentinck St Rebuild	<i>DCE (1)</i>	<i>TS: Distribution Planning Study (3)</i>		

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D04	48092 - 2016 Substation Recloser Replacements				
D05	47765 - Belle Cote Phase 2	<i>DCE (1)</i>			
D06	47766 - 70V-312G Centerlea Rebuild	<i>DCE (1)</i>			
D07	47734 - Reconductor	<i>DCE (1)</i>	TS: Diagram		
D08	47732 - Hammond's Plains-Double Circuit	<i>DCE (1)</i>	TS: Diagram		
D09	47754 - 63V-313G - Ward Rd Reconductor	<i>DCE (1)</i>			
General Plant					
GP01	48072 - 2016 ADMS Switch Order Management				

1 - Commercial/Cost Information

Where pertinent, the costs associated with various capital work order components have been redacted in the Power Plant (PP), Detailed Cost Estimates (DCE), and Economic Analysis Model (EAM) documentation for the capital items. Additionally, commercial quotes and proposals have been partially redacted unless the vendor asserts full confidentiality.

To protect value for customers and mitigate the risk of prospective proponents having access to project budget information, and maintain good business relations with vendors, the estimated costs for certain components of capital items are confidential.

The more a supplier is aware of NS Power's specific requirements, the better their ability to obtain the highest price, reduce competition and ultimately increase the cost for NS Power and its customers. The cost of such transparency is not always immediately evident. Information from regulatory proceedings can provide competitive advantages over other suppliers, and that could be advantageous in bidding or negotiation. Higher prices, or avoidable contractual constraints, will result in unnecessary higher costs to customers.

2 - Third Party Proprietary Information

This is information belonging to third parties for which those third parties have asserted confidentiality over proprietary cost and technical information.

3 - System Security

One-Line diagrams frequently included in system planning studies are confidential due to system security concerns. Protection of the power system preserves reliability and reduces the risks associated with external threats.