

Item No.	Spec	Item	Unit	Estimated Quantity	Unit Price	Amount
GENERAL						
1	6.1	Sitework including Mobilization and Demobilization		LUMP SUM		
2	OPSS 706 6.2	Traffic Control including Detour Route Signing		LUMP SUM		
3	OPSS 182, 518, 805 6.3	Environmental Protection / Erosion and Sediment Control		LUMP SUM		
4	OPSS 182, 518, 805 6.4	Temporary Creek Bypass		LUMP SUM		
5	OPSS 491	Protection of Existing Utilities / Services		LUMP SUM		
ROADWAY						
6	OPSS 510	Remove asphalt full depth on approaches	m ²	100		
7	OPSS 206, 510	Earth Excavation including all Removals and excavation for frost taper		LUMP SUM		
8	OPSS 510	Sawcut asphalt full depth	m	15		
9	OPSS 1860	Non-Woven Class II Geotextile Below Culvert Bedding Layer	m ²	250		
10	OPSS 314, 501, 1010	Granular 'B' Type II Bedding below Culvert including Compaction	tonne	175		
11	OPSS 314, 501, 1010	Granular 'A' Bedding below Culvert including Compaction	tonne	75		
12	OPSS 314, 501, 1010	Granular 'B' Type II Backfill to Culvert (to Roadway Sub-base Elevation) including Compaction	tonne	2500		
13	OPSS 314, 501, 1010	150mm thick Granular 'A' Roadway Base including Compaction	tonne	30		
14	OPSS 314, 501, 1010	300mm thick Granular 'B' Type II Roadway Sub-base including Compaction	tonne	60		
15	OPSS 511	Minimum 300mm (maximum 1500mm) thick layer of Blast rock placed/pushed into subgrade prior to granular bedding placement	tonne	100		
16	OPSS 511	300mm thick R-50 Rip-Rap over geotextile on embankments (behind cut off walls)	m ²	15		
17	OPSS 310	HL-3 (PG58-34) hot mix asphalt on approaches	tonne	25		
18	OPSS 310	Tack coat (between asphalt lifts)	m ²	90		
19	OPSS 710	Pavement Markings (traffic paint) to Match Existing (Single Solid Yellow, 10cm) Limits of Asphalt Removals / Reinstatement)		LUMP SUM		
20	OPSS 802, 804	Site Restoration (including topsoil, seed and mulch)		LUMP SUM		
STRUCTURAL						
21	OPSS 510	Remove existing 2-1.5m diameter (16.3m & 20.5m long) Corrugated Steel Pipe Culverts (up to edge of right of way) and existing concrete manhole / catch basin		LUMP SUM		
22	OPSS 421, 510	Removal (as required for removal/installation of new manhole) of an existing ±400mm diameter corrugated steel pipe and existing sub-drain and reinstatement (including connections) into new manhole		LUMP SUM		
23	OPSS 421	Design, Transport and Supply and Install New two 1,500mm diameter Corrugated Steel Pipe (Polymer Coated) Culvert (Up to Right of Way) (16.3m & 20.5m long) including placing concrete collar at joint between new and existing pipe at the right of way.		LUMP SUM		

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24	OPSS 421	Design, Transport and Supply and Install Galvanized Steel Sheet Pile Cut-Off Wall (1 end only)		LUMP SUM		
25	OPSS 421	On-site technical assistance (culvert manufacturer's representative) during installation of culvert and cut-off walls		LUMP SUM		
26	OPSS 402,407	Design, transport and supply and install new 2.5m x 2.5m (interior dimensions) x 3.0m (overall height) pre-cast concrete manhole / including catch basin frame and grate (OPSD 400.070), adjustment rings (as required) and connections to 2-1.5m diameter and 1-0.4m corrugated steel pipes and 1 sub drain		LUMP SUM		
27	OPSS 402,407	Design, transport, supply and install new pre-cast concrete catch basin (overall height of 3000mm,OPSD 705.010) c/w catch basin frame and grate (OPSD 400.070), adjustment rings (as required) and 300mm O.D. PVC outlet pipe connected between new manhole and new catch basin		LUMP SUM		
PROVISIONAL						
28	OPSS 510	Remove existing 1.5m diameter x 23m long corrugated steel pipe (from right of way to outlet)		LUMP SUM		
29	OPSS 510	Additional Earth Excavation over structure	m ³	225		
30	OPSS 511	300mm thick riverstone rock protection along stream bed	m ²	50		
31		Hydro Excavator (minimum 4 hours)	Hour	4		
32		Disposal of Contaminated Material at approved Landfill Site	tonne	50		
33	6.5	Bell Utility Protection Plan		LUMP SUM		
34	6.5	Retain Bell approved contractor to Expose, Temporarily Support and Protect Existing Live Bell Utilities (fibre optic)		LUMP SUM		
Total (Excluding Taxes)						
TOTAL TENDER PRICE (Transfer to page 64, Bid Submission Form)						