Capital Projects

Schedule A to Staff Report 2022-0128

Pre-approval for the Purchase of 2023 Fleet and Heavy Equipment

Project	22-011 2023 Growth Additional Fleet Assets
Department	008 Operations
Version	Approved BudgetYear2022
	Description
PROJECT DE	SCRIPTION (BACKGROUND INFORMATION, SCOPE, IMPLEMENTATION PLAN, RISKS/BARRIERS)
for the years 2 assets. Due to equipment, C In order to tak 2023/24 winto	as additional fleet assets attached and as recommended in the Development Charges (DC) Study 2020 to 2023. The DC Study has identified the need for the various pieces of equipment or fleet to the long lag time of 15-18 months to take delivery of large snowplow trucks and other heavy ouncil approved Report 2021-0229 to approve a Term-of-Council fleet asset acquisition program. The delivery of the fleet assets and pay for these growth fleet assets to include as part of the er operation season, pre-approval of these units from Council is required to issue tenders and greement to begin production.
The unavoida	w fleet additions they will require five (5) additional temporary fulltime staff to operate them. ble operating impact from September 2023 moving forward is estimated to be \$178,458, \$98,308 sts and \$80,150 for staff costs in 2023, annually \$312,820, \$158,100 for vehicle costs and

The unavoidable operating impact from September 2023 moving forward is estimated to be \$178,458, \$98,308 for vehicle costs and \$80,150 for staff costs in 2023, annually \$312,820, \$158,100 for vehicle costs and \$154,720 for 5 temporary full-time staff. Due to the increase in overall fleet in 2022 and 2023 due to growth of the town, one (1) Fleet Technician (Heavy Mechanic) will be requested as a change in service level in the 2023 budget submission.

REASON FOR PROJECT (BENEFITS/SERVICE DELIVERY IMPROVEMENTS, RISK IF NOT IMPLEMENTED)

The loader with plow and wing will provide more flexibility with plowing urban local streets with the challenge of parked cars at times and narrow lanes. One loader will reduce the time to load trucks for winter road maintenance response. Two landscape sized trucks complete with plow and wing will provide a smaller plow to plow urban streets while providing a more flexible year-round truck that can be used for many summer operations that a single axle with standard u-body dump cannot provide. An additional landscape truck, trailer and Trackless will continue to provide winter maintenance for sidewalks as the length of sidewalks increase annually.

	Budget								
	Total	2022	2023	2024	2025	2026			
Expenditures									
Machinery, Equipment, & Information	1,063,000		1,063,000						
Vehicles	814,500		814,500						
	1,877,500		1,877,500						
Expenditures Total	1,877,500		1,877,500						
Funding									
DC Roads	1,877,500		1,877,500						
	1,877,500		1,877,500						
Funding Total	1,877,500		1,877,500						

Capital Projects

Project	22-011 2023 Gro	22-011 2023 Growth Additional Fleet Assets							
Department	008 Operations	008 Operations							
Version	Approved Budge	Approved Budget Year 2022							
Operating Impact									
		2022 Ar	nnualized F	T Staff	PT Staff				
Incremental Salary 8	& Benefits		154,720		5.00				
Incremental Non-Sa	lary Costs		158,100						
	Total		312,820		5.00				

Attributes						
Attribute	Value	Comment				
DC Related Information						
DC Study Project Description	22-011 2023 Growth Additional Fleet Assets					
Year in DC Study	2023					
% of DC Funding Allowed in DC Study	100					
Attributes						
Department	008 Operations					
Division	495 Road & Fleet Services					
Director	Brian Baird					
Project Contact	Delton Zehr					
Project Type	Term of Council / Multi-Year					
ТСА Туре	New Addition/Construction					
Council Work Plan Priorities	10 Sustainable Growth					
General Location	Town Wide					
Related Project	22002					
Year Requested	2022					
Priority	· · · · · · · · · · · · · · · · · · ·					
Council Approved Initiative or Reference	Council Report 2021-0229 - Schedule C - 2023 Fleet Asset Acquisitions					
to Masterplan	to commence Tendering in 2022 and approve 2023 costs in 2022					
	Budget					
Department Impacted						
Milestones (QQ-YYYY)	ı 					
Target Contract Start Date	May 2022					
Kickoff - Scope Deliverables	Q3-2022					
25% Completion	Q1-2023					
50% Completion	Q3-2023					
75% Completion	Q1-2024					
100% Completion	Q4-2024					
Status						
Status	Funded					

Quantity	Fleet Asset	Estimated Unit Cost	Estimated Cost
2	Case Loader with Plow & Wing	\$315,000	\$630,000
1	Loader	\$275,000	\$275,000
1	Trackless	\$140,000	\$140,000
1	Landscape Truck with Trailer	\$140,000	\$140,000
2	Landscape Truck with Plow and Wing	\$215,000	\$430,000
2	1/2 Ton Pickup Truck	\$50,000	\$100,000
2	3/4 Ton Crew Pickup	\$65,000	\$130,000
		Total	\$1,845,000
		NET 1.76% HST	\$32,472
		Total	\$1,877,472

2023 Growth Related Fleet Additions

2023 Combined Fleet Purchases

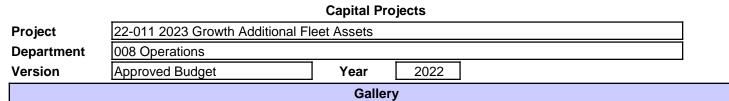
Replacement Fleet Assets including NET 1.76% HST	\$2,512,963
Growth Related Fleet Additions including NET 1.76% HST	\$1,877,472
Total	\$4,390,435

Capital Projects

•	22-011 2023 Growth Additional Fle	22-011 2023 Growth Additional Fleet Assets						
	Approved Budget	Year	2022					
Gallery								

Case Loader 721G





433 Club Cab Pick up Truck



Capital Projects

Project	22-011 2023 Growth Additional Fleet Assets					
Department	008 Operations					
Version	Approved Budget] Year	2022			
Gallery						

406 Crew Landscape Truck



Capital Projects

Project	22-011 2023 Growth Additional Fleet Assets					
Department	008 Operations					
Version	Approved Budget	Year	2022			
Gallery						

Trackless MT



	Capital Projects								
Project	Project 22-012 2023 Fleet Asset Replacements								
Department	008 Operations	•							
Version	Approved Budge	et	Yea	r 202	2				
	<u> </u>								
Description									
PROJECT DE	ESCRIPTION (BAC		IFORMATI	ON, SCOPE,	IMPLEM	ENTATION	PLAN, RI	SKS/BARRIERS)	
months to tak 2021-0229 to acquisition as to include as	PROJECT DESCRIPTION (BACKGROUND INFORMATION, SCOPE, IMPLEMENTATION PLAN, RISKS/BARRIERS) To purchase new fleet asset replacements as attached with the same asset. Due to the long lag time of 15 to 18 months to take delivery of large snowplow trucks and other heavy equipment, Council approved Report 2021-0229 to approve a Term-of-Council fleet asset acquisition program that included the fleet identified for acquisition as part of the 2023 budget. In order to take delivery of the fleet assets and pay for these fleet assets to include as part of the 2023/24 winter operation season, pre-approval of these units from Council is required to issue tenders and execute the agreement to begin production.								
PEASON	FOR PROJECT (B								
	•							-	
costs with mo larger list of f much more co additional ove	The replacement of these fleet assets are beyond their serviceable life and have resulted in higher maintenance costs with more frequent downtime where they are not available to meet desired service levels. As there is a larger list of fleet assets that need to be replaced as soon as possible, not replacing these assets will only delay much more costly replacements in a future year, have high maintenance costs, more downtime, require additional overhauls or major component replacements and the inability to meet both current service levels and the Ontario Minimum Maintenance Standards.								
			В	udget					
Expenditures		Total	2022	2023	2024	2025	2026		
Machinery, Equij Vehicles	pment, & Information	1,450,000 1,420,000 2,870,000		1,450,000 1,420,000 2,870,000					
	nditures Total	2,870,000	:	2,870,000					
Funding									
Capital Asset Re	eplacement Reserve	2,085,000		2,085,000					
Fleet Equipment		785,000		785,000					
		2,870,000		2,870,000					

Capital Projects

Project	22-012 2023 Fle	eet Asset Replac	ements			
Department	008 Operations					
Version	Approved Budget		Year	2022		
	Funding Total	2,870,000	2,870	,000		
			Attribu	Ites		
Attribute		Value				Comment
DC Related Inforr	nation					
DC Study Project	Description				+	
Year in DC Study					+	
% of DC Funding	Allowed in DC Study	0			+	
Attributes						
Department		008 Operations				
Division		495 Road & Fleet S	Services			
Director		Brian Baird				
Project Contact		Delton Zehr			+	
Project Type		Term of Council / M	lulti-Year		+	
TCA Type		Replacement			+	
Council Work Pla	n Priorities	13 Good Governand			+	
General Location		Town Wide			+	
Related Project		22001			+	
Year Requested		2022			+	
Priority					+	
	Initiative or Reference	Approved Council R	Report 2021-0229	- Schedule C - Repla	acement list for	
to Masterplan		2023 to be approve	d in 2022 budget s	submission to permit		
		commence for 2023	3_expenditure		+	
Department Impa		· 			+	
Milestones (QQ-Y		· 			+	
Target Contract S		May 2022			+	
Kickoff - Scope D	eliverables	Q3-2022				
25% Completion		Q1-2023			+	
50% Completion		Q3-2023				
75% Completion		Q1-2024				
100% Completion	1	Q4-2024				
Status		 			⁻	
Status		Funded				

Schedule C to Staff Report 2021-0229

Town of Caledon Operations Department - Fleet Purchases 2023

2023 Replacement Fleet Assets

No.	Year	Age in 2023	Fleet Asset	Estimated Unit Cost	Total Estimated Cost	Estimated Resale Value	Estimated Net Cost
1	2016	7	Kubota front mount Mower	\$37,000	\$37,000	\$5,000	\$32,000
1	2016	7	Kubota Zero Turn Mower	\$27,000	\$27,000	\$5,000	\$22,000
1	2012	11	Case Loader	\$270,000	\$270,000	\$65,000	\$205,000
1	2010	13	John Deere Tractor with Loader & Backhoe attachment	\$75,000	\$75,000	\$12,000	\$63,000
2	2010	13	Trackless	\$140,000	\$280,000	\$40,000	\$240,000
1	2010	13	Grader	\$530,000	\$530,000	\$45,000	\$485,000
1	2007	16	Freightliner Sign Truck	\$200,000	\$200,000	\$25,000	\$175,000
2	2010	13	Single Axle Snow- plow Truck	\$350,000	\$700,000	\$40,000	\$660,000
3	2009	14	Crew Landscape Truck	\$130,000	\$390,000	\$75,000	\$315,000
3	2012	11	1 Ton Crew Pickup	\$75,000	\$225,000	\$22,500	\$202,500
1	2012	11	1 Ton Truck with Aluminum dump Body	\$80,000	\$80,000	\$10,000	\$70,000
				Total	\$2,814,000	\$344,500	\$2,469,500
						NET 1.76% HST	\$43,463
						Total	\$2,512,963

Capital Projects

Project	22-012 2023 Fleet Asset Replacements		
Department	008 Operations		
Version	Approved Budget	Year	2022
Gallery			

Trackless MT



Capital Projects

Project	22-012 2023 Fleet Asset Replacements			
Department	008 Operations			
Version	Approved Budget] Year	2022	
Gallery				

870G John Deere Grader



Capital Projects

Gallerv				
Version	Approved Budget	Year	2022	
Department	008 Operations			
Project	22-012 2023 Fleet Asset Replacements			

Park Truck Crew Cab



Capital Projects

Department	008 Operations	Yaaaa		
Version	Approved Budget	Year	2022	
	Gallery			

Case Loader 721G



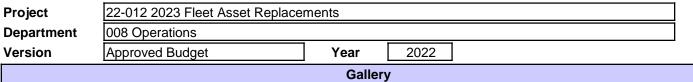
Capital Projects

Project	22-012 2023 Fleet Asset Replacements				
Department	008 Operations				
Version	Approved Budget	Year	2022		
	Gallery				

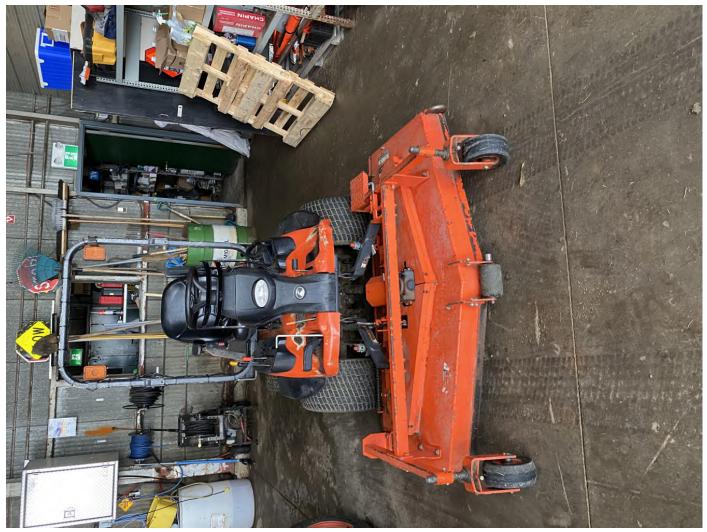
501 Single Axle Snow Plow Dump Truck



Capital Projects



Kubota mower Front Deck



Capital Projects

Project	22-012 2023 Fleet Asset Replacements		
Department	008 Operations		
Version	Approved Budget	Year	2022
Gallery			

Kubota mower Zero Turn

