CIMA Client Name:

PRE-TENDER COST ESTIMATE

City of Thorold Renovations to Maintenance and Operations Centre Project Name:

Location: Thorold

Hasan Alfarra/Laurence Cudlip Estimator:

Contract #: Project #: T001137A

Estimate Date:					100% De	sign Package
		Estimated Quantities				
Ref. #:	Section #:	Item Description:	Qty.	Unit	Unit Amount	Estimate

	00 00 00	Estimate based on 100% Design Package and a few Order	of Magnitude Items			
A1 - Ext walls	00 10 00	Storage Garage Addition				\$1,008,3
A2-Estricy Windrows		Architectural				
AA-Partitions (Drywall)			455	m2	\$250.00	\$113,75
A4-Partitions (Inspection)		A2-Exterior Windows		m2	\$1,200.00	\$0.0
A44		A3-Roof	482	m2	\$200.00	\$96,40
AS-Doors		A4-Partitions (masonry)	103	m2		\$22,66
Asi-Overhead doors		A4a - Partitions (Drywall)	222	m2	\$125.00	\$27,75
AB-Floor finishes AF-Cellings finishes 11 m2 \$50.00 AF-Cellings finishes 11 m2 \$50.00 AF-Cellings finishes Structural SI-Sundar Steel (Material/Installation) SS-Tructural SI-Sundar Steel (Material/Installation) SS-Concrete 180 m3 \$22.00 SS-Concrete 180 m3 \$22.00 SS-Concrete SS-Concrete SS-Concrete SS-Concrete SS-Concrete SS-Concrete SS-Concrete SS-Concrete SS-Rebar SS-Concrete SS-Rebar SS-Concrete HVAC Plumbing Fire potection Service piping Service piping Service piping Service piping Service piping Fire potection Service piping Service piping SS-Rebar AF-Prefit (masonry) AR-Prefit (masonry) AR-Prefit (masonry) AR-Prefit (masonry) AR-S-Doors AR-S-Door		A5-Doors	7	each	\$1,900.00	\$13,30
AB-Floor finishes		A5.Overhead doors	5	each	\$6,500.00	\$32,50
AP-Poti interest			457	m2	\$55.00	\$25,13
A8-Wall Finishes						
Structural Structural Steel (Meterial/Installation) 46,000 kg \$6.75		•				\$990
S1-Structural Steel (Meterial/Installation)		A8-Wall Finishes	890	m2	\$18.00	\$16,02
S1-Sinctural Steel (Material/Installation)		<u> </u>				
S2-Steel deck			40.000		00.75	2010 50
S3-Concrete 180 m3		, , , , , , , , , , , , , , , , , , , ,		_		\$310,50
S4-Formwork						\$23,50
SS-Rebar 5.600 kg \$2.90						\$39,60
Mechanical						\$26,82
HVAC		S5-Rebar	5,600	kg	\$2.90	\$16,24
HVAC						
Plumbing Fire protection Service piping Pire protection Service piping Pire protection Power Distribution 477 m2 \$68.00						
Fire protection Service piping Ser						\$135,00
Service piping		·				\$12,86
Electrical		· ·				\$1,200
Power Distribution		Service piping				\$2,500
Power Distribution						
Lighting		Electrical				
Fire Alarm		Power Distribution	477	m2	\$68.00	\$32,43
Fire Alarm		Lighting	477	m2	\$31.00	\$14,78
Wiring Devices			477	m2	\$15.00	\$7,155
Wining Devices Wini			477	m2	\$78.00	\$37,20
Architectural 390 m2 \$220.00 A4- Partitions (Drywall) 840 m2 \$125.00 A5-Doors 13 each \$1,900.00 \$100.00 A6-Floor finishes 566 m2 \$100.00 A7-Ceilings finishes 165 m2 \$50.00 A8-Wall Finishes 2,440 m2 \$10.00 Mechanical HVAC HUMBING Fire protection Fire protection Service piping Service piping Service piping Electrical Power Distribution 569 m2 \$68.00 Lighting 569 m2 \$31.00 Fire Alarm 569 m2 \$15.00 Wiring Devices 569 m2 \$78.00 \$78.00 \$78.00 00 30 00 Locker Room updates Architectural Architect		Wiring Devices			Ų, 0.00	\$0. ,20
Architectural 390 m2 \$220.00 A4- Partitions (Drywall) 840 m2 \$125.00 A5-Doors 13 each \$1,900.00 \$100.00 A6-Floor finishes 566 m2 \$100.00 A7-Ceilings finishes 165 m2 \$50.00 A8-Wall Finishes 2,440 m2 \$10.00 Mechanical HVAC HUMBING Fire protection Fire protection Service piping Service piping Service piping Electrical Power Distribution 569 m2 \$68.00 Lighting 569 m2 \$31.00 Fire Alarm 569 m2 \$15.00 Wiring Devices 569 m2 \$78.00 \$78.00 \$78.00 00 30 00 Locker Room updates Architectural Architect	00 00 00	Internal manual transfer Court Assess				
A4-Partitions (masonry) 390 m2 \$220.00 A4a - Partitions (Drywall) 840 m2 \$125.00 A5-Doors 13 each \$1,900.00 A6-Floor finishes 566 m2 \$100.00 A7-Ceilings finishes 165 m2 \$50.00 A8-Wall Finishes 2,440 m2 \$10.00 Mechanical	00 20 00					\$1,057,5
A4a - Partitions (Drywall)						
A5-Doors						\$85,80
A6-Floor finishes						\$105,00
A7-Ceilings finishes		<u> </u>				\$24,70
A8-Wall Finishes						\$56,60
Mechanical						\$8,250
HVAC		A8-Wall Finishes	2,440	m2	\$10.00	\$24,40
Plumbing Fire protection		Mechanical				
Fire protection Service piping		HVAC				\$610,30
Fire protection Service piping		Plumbing				\$28,94
Service piping		· ·				\$1,800
Electrical						\$2,500
Power Distribution 569 m2 \$68.00						
Power Distribution 569 m2 \$68.00		Flectrical				
Lighting 569 m2 \$31.00 Fire Alarm 569 m2 \$15.00 Wiring Devices 569 m2 \$78.00 00 30 00 Locker Room updates			569	m2	\$68.00	\$38,69
Fire Alarm 569 m2 \$15.00 Wiring Devices 569 m2 \$78.00 Od 30 00 Locker Room updates						\$17,63
Wiring Devices 569 m2 \$78.00 00 30 00 Locker Room updates Architectural 2 m2 \$275.00 A1 - Ext walls 2 m2 \$800.00 A2-Exterior Windows 11 m2 \$800.00 A3-Roof - m2 \$200.00 A4-Partitions (masonry) 200 m2 \$220.00 A4a - Partitions (Drywall) 265 m2 \$125.00						\$8,535
00 30 00 Locker Room updates Architectural 2 M1 - Ext walls 2 M2-Exterior Windows 11 M3-Roof - M4-Partitions (masonry) 200 M4- Partitions (Drywall) 265 M2 \$125.00						\$44,38
Architectural	00.30.00		509	1114	ψ10.00	\$44,36 \$243,93
A1 -Ext walls 2 m2 \$275.00 A2-Exterior Windows 11 m2 \$800.00 A3-Roof - m2 \$200.00 A4-Partitions (masonry) 200 m2 \$220.00 A4a - Partitions (Drywall) 265 m2 \$125.00	00 30 00					φ 24 3,3.
A2-Exterior Windows 11 m2 \$800.00 A3-Roof - m2 \$200.00 A4-Partitions (masonry) 200 m2 \$220.00 A4a - Partitions (Drywall) 265 m2 \$125.00			2	m?	\$27E 00	\$550
A3-Roof - m2 \$200.00 A4-Partitions (masonry) 200 m2 \$220.00 A4a - Partitions (Drywall) 265 m2 \$125.00						
A4-Partitions (masonry) 200 m2 \$220.00 A4a - Partitions (Drywall) 265 m2 \$125.00						\$8,800
A4a - Partitions (Drywall) 265 m2 \$125.00						\$0.0
						\$44,00
I						\$33,12
		A5-Doors	2	each	\$1,900.00	\$3,800
A6-Floor finishes		A6-Floor finishes	140	m2	\$120.00	\$16,80

	Unit Index				
LS	Lump Sum Each				
EA					
LF	Linear Foot				
SF	Square Foot				
CF	Cubic Foot				
LM	Linear Meter	r			
SM	Square Mete	er			
СМ	Cubic Meter				
CY	Cubic Yard				

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CIMA

PRE-TENDER COST ESTIMATE

Client Name: City of Thorold

Renovations to Maintenance and Operations Centre Project Name:

Location: Thorold

Hasan Alfarra/Laurence Cudlip Estimator: Estimate Date:

Contract #: Project #:

Unit Index Lump Sum Each T001137A Linear Foot
Square Foot
Cubic Foot 100% Design Package Linear Meter
Square Meter
Cubic
Meter
Cubic Yard SM

ווכ ט	alc.				100% Des	ign Package	
	Estimated Quantities				Unit Amount	Estimate	
#:	Section #:	Item Description:	Qty.	Unit	O I II C I I I I I I I I I I I I I I I I	200000	
		A8-Wall Finishes	930	m2	\$10.00	\$9,300.00	
			1	each	\$25,000.00	\$25,000.00	
		A9 - Accessories		Gauri	Ψ23,000.00	Ψ23,000.00	
		Mechanical					
		HVAC				\$28,250.00	
		Plumbing				\$32,430.00	
		Fire protection				\$2,400.00	
		Floridad					
		Electrical Power Distribution	140	m2	\$68.00	\$9,520.00	
		Lighting	140	m2	\$31.00	\$4,340.00	
		Fire Alarm	140	m2	\$15.00	\$2,100.00	
	00 40 00	Wiring Devices	140	m2	\$78.00	\$10,920.00	
	00 40 00	Office Area updates Architectural				\$865,395.00	
			130	m2	\$350.00	\$45,500.00	
		A1 -Ext walls	70	0	£4.000.00		
		A2-Exterior Windows	73	m2	\$1,200.00	\$87,600.00	
		A2a-Interior Screens	10	m2	\$450.00	\$4,500.00	
		A3-Roof	540	m2	\$200.00	\$108,000.00	
		A4-Partitions (drywall)	315	m2	\$125.00	\$39,375.00	
		A5-Doors	9	each	\$1,900.00	\$17,100.00	
		A6-Floor finishes	303	m2	\$100.00	\$30,300.00	
		A7-Ceilings finishes	303	m2	\$50.00	\$15,150.00	
		A8-Wall Finishes	630	m2	\$10.00	\$6,300.00	
		A9-Furniture systems to equip the office and new reception areas as follow: +5 private offices (desks and chairs) +17 work stations (incl chairs) +4 touchdowns (desk and chairs) +10 chairs for lobby and reception	1	LS	\$77,800.00	\$77,800.00	
		Structural					
		C4 Chryshiad Chad (Materiallystallation)	17,500	kg	\$6.75	\$118,125.00	
		S1-Structural Steel (Material/Installation)	425	m2	\$47.00	\$19,975.00	
		S2-Steel deck					
		S3-Concrete	95	m3	\$220.00	\$20,900.00	
		S4-Formwork	170	m2	\$145.00	\$24,650.00	
		S5-Rebar	3,700	kg	\$2.90	\$10,730.00	
		Mechanical					
		HVAC				\$109,750.00	
		Plumbing				\$9,520.00	
		Fire protection				\$600.00	
		Electrical					
			310	m2	\$68.00	\$21,080.00	
		Power Distribution					
		Lighting	310	m2	\$31.00	\$9,610.00	
		Fire Alarm	310	m2	\$15.00	\$4,650.00	
		Wiring Devices	310	m2	\$78.00	\$24,180.00	
		Security System Estimate					
		Card readers, Electric Strike, Wiring Conduits	13	each	\$2,000.00	\$26,000.00	
		Access control Panel, Programming & Cards	1	each	\$5,000.00	\$5,000.00	
		Security system and alarm to the main site gate	1	each	\$29,000.00	\$29,000.00	

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CIMA

PRE-TENDER COST ESTIMATE

T001137A

Client Name: Project Name: Location: Thorold

Estimator: Hasan Alfarra/Laurence Cudlip

City of Thorold Renovations to Maintenance and Operations Centre Contract #: Project #:

Estimate Da	stimate Date:				100% Design Package		
		Estimated Quantities					
Ref. #:	Section #:	Item Description:	Qty.	Unit	Unit Amount	Estimate	

00 50 00	New Entrance lobby and reception				\$268,295.00
	Architectural			****	
-	A1 -Ext walls	63	m2	\$275.00	\$17,325.00
	A2-Exterior Windows	60	m2	\$1,200.00	\$72,000.00
	A2a-Interior Screens	20	m2	\$450.00	\$9,000.00
	A3-Roof	-	m2	\$160.00	\$0.00
	A4-Partitions	45	m2	\$125.00	\$5,625.00
	A5-Doors	5	each	\$3,000.00	\$15,000.00
	A6-Floor finishes A7-Ceilings finishes	125 125	m2 m2	\$120.00 \$50.00	\$15,000.00 \$6,250.00
-	A8-Wall Finishes	150	m2	\$10.00	\$1,500.00
-	7.0 Trail Filliono	100	IIIZ	ψ10.00	ψ1,000.00
	Structural				
	S1-Structural Steel (Material/Installation)	5,100	kg	\$6.75	\$34,425.00
	S2-Steel deck	120	m2	\$47.00	\$5,640.00
	S3-Concrete	22	m3	\$220.00	\$4,840.00
	S4-Formwork	54	m2	\$145.00	\$7,830.00
	S5-Rebar	1,100	kg	\$2.90	\$3,190.00
-	Mechanical		LS		
	HVAC		0		\$48,700.00
	Plumbing				\$250.00
	Fire protection				\$600.00
	Electrical	110	m2	\$68.00	\$7,480.00
	Power Distribution	110	m2	\$31.00	\$3,410.00
	Lighting	-		· ·	
	Fire Alarm	110	m2	\$15.00	\$1,650.00
00.60.00	Wiring Devices	110	m2	\$78.00	\$8,580.00
00 60 00	New Asphalt				\$490,000.00
	New Asphalt	7,000	m2	\$70.00	\$490,000.00
00 70 00	Softscape Areas				\$128,120.00
	Cameras - Security	4	each	\$1,250.00	\$5,000.00
	Parking Lot Lighting	6	each	\$5,000.00	\$30,000.00
	Parking Lot Power Feeders & Bases to Lighting	6	each	\$2,500.00	\$15,000.00
	Landscape 100mm depth Topsoil and Seed	4 400		#0.00	£42 200 00
	100mm depth Topsoil and Seed 100mm depth Topsoil and Sod	1,480	m2 m2	\$9.00 \$15.00	\$13,320.00 \$14,400.00
		y _h n	1114	ψ10.00	ψ1-7,-100.00
	Planting of Coniferous Trees	960			
	Larix Laricina / Tamarack (175cm, W.B.)	5	each	\$600.00	\$3,000.00
	Larix Laricina / Tamarack (175cm, W.B.) Picea Pungens / Colorado Spruce (250, W.B.)		each each	\$600.00 \$650.00	\$3,000.00 \$3,900.00
	Larix Laricina / Tamarack (175cm, W.B.) Picea Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees	5	each	\$650.00	\$3,900.00
	Larix Laricina / Tamarack (175cm, W.B.) Picea Pungens / Colorado Spruce (250, W.B.)	5			
	Larix Laricina / Tamarack (175cm, W.B.) Picea Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees Acer Rubrum / Red Maple (60mm, W.B.) Acer Rubrum / Red Maple (40mm, W.B.) Amelanchier Canadensis (clump) / Shadblow 'Serviceberry' (200cm, W.B.)	5 6 10 5	each each each	\$650.00 \$650.00 \$550.00 \$550.00	\$3,900.00 \$6,500.00 \$2,750.00 \$3,300.00
	Larix Laricina / Tamarack (175cm, W.B.) Picea Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees Acer Rubrum / Red Maple (60mm, W.B.) Acer Rubrum / Red Maple (40mm, W.B.) Amelanchier Canadensis (clump) / Shadblow 'Serviceberry' (200cm, W.B.) Celtis Occidentalis / Hackberry (60mm, W.B.)	5 6 10 5 6	each each each each	\$650.00 \$650.00 \$550.00 \$550.00 \$650.00	\$3,900.00 \$6,500.00 \$2,750.00 \$3,300.00 \$650.00
	Larix Laricina / Tamarack (175cm, W.B.) Picea Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees Acer Rubrum / Red Maple (60mm, W.B.) Acer Rubrum / Red Maple (40mm, W.B.) Amelanchier Canadensis (hump) / Shadblow 'Serviceberry' (200cm, W.B.) Celtis Occidentalis / Hackberry (60mm, W.B.) Ginko Biloba 'Magyar' / Magyar Ginkgo (60mm, W.B.)	5 6 10 5 6 1	each each each each each each	\$650.00 \$650.00 \$550.00 \$550.00 \$650.00	\$3,900.00 \$6,500.00 \$2,750.00 \$3,300.00 \$650.00
	Larix Laricina / Tamarack (175cm, W.B.) Picea Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees Acer Rubrum / Red Maple (60mm, W.B.) Acer Rubrum / Red Maple (40mm, W.B.) Amelanchier Canadensis (clump) / Shadblow 'Serviceberry' (200cm, W.B.) Celtis Occidentalis / Hackberry (60mm, W.B.)	5 6 10 5 6	each each each each	\$650.00 \$650.00 \$550.00 \$550.00 \$650.00	\$3,900.00 \$6,500.00 \$2,750.00 \$3,300.00 \$650.00
	Larix Laricina / Tamarack (175cm, W.B.) Picea Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees Acer Rubrum / Red Maple (60mm, W.B.) Acer Rubrum / Red Maple (40mm, W.B.) Amelanchier Canadensis (clump) / Shadblow 'Serviceberry' (200cm, W.B.) Celtis Occidentalis / Hackberry (60mm, W.B.) Ginko Biloba 'Magyar' / Magyar Ginkgo (60mm, W.B.) Gymnocladus Dioicus / Kentucky Coffee Tree (40mm, W.B.) Juglans Nigra / Black wainut (40mm, W.B.) Ostrya Virginiana / Ironwood (40mm, W.B.)	5 6 10 5 6 1 1 1	each each each each each each each	\$650.00 \$650.00 \$550.00 \$550.00 \$650.00 \$650.00 \$550.00	\$3,900.00 \$6,500.00 \$2,750.00 \$3,300.00 \$650.00 \$550.00 \$2,750.00
	Larix Laricina / Tamarack (175cm, W.B.) Picea Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees Acer Rubrum / Red Maple (60mm, W.B.) Acer Rubrum / Red Maple (40mm, W.B.) Amelanchier Canadensis (clump) / Shadblow 'Serviceberry' (200cm, W.B.) Celtis Occidentalis / Hackberry (60mm, W.B.) Ginko Biloba 'Magyar' / Magyar Ginkgo (60mm, W.B.) Gymnocladus Dioicus / Kentucky Coffee Tree (40mm, W.B.) Juglans Nigra / Black walnut (40mm, W.B.) Ostrya Virginiana / Ironwood (40mm, W.B.) Planting of Shrubs / Ornamental Grasses	5 6 10 5 6 1 1 5 5 6	each each each each each each each each	\$650.00 \$650.00 \$550.00 \$550.00 \$650.00 \$550.00 \$550.00 \$550.00	\$3,900.00 \$6,500.00 \$2,750.00 \$3,300.00 \$650.00 \$650.00 \$2,750.00 \$2,750.00 \$3,300.00
	Larix Laricina / Tamarack (175cm, W.B.) Picas Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees Acer Rubrum / Red Maple (60mm, W.B.) Acer Rubrum / Red Maple (40mm, W.B.) Amelanchier Canadensis (clump) / Shadblow 'Serviceberry' (200cm, W.B.) Celtis Occidentalis / Hackberry (60mm, W.B.) Ginko Biloba 'Magyar / Magyar Ginkgo (60mm, W.B.) Gymnocladus Dioicus / Kentucky Coffee Tree (40mm, W.B.) Juglans Nigra / Black walnut (40mm, W.B.) Ostrya Virginiana / Ironwood (40mm, W.B.) Planting of Shrubs / Ornamental Grasses Aronia Melanocarpa / Chokecherry (60cm, Pot)	5 6 10 5 6 1 1 1 5 5 6	each each each each each each each each	\$650.00 \$650.00 \$550.00 \$550.00 \$650.00 \$650.00 \$550.00 \$550.00 \$550.00	\$3,900.00 \$6,500.00 \$2,750.00 \$3,300.00 \$650.00 \$2,750.00 \$2,750.00 \$3,300.00 \$1,200.00
	Larix Laricina / Tamarack (175cm, W.B.) Picea Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees Acer Rubrum / Red Maple (60mm, W.B.) Acer Rubrum / Red Maple (40mm, W.B.) Amelanchier Canadensis (clump) / Shadblow 'Serviceberry' (200cm, W.B.) Celtis Occidentalis / Hackberry (60mm, W.B.) Ginko Biloba 'Magyar' / Magyar Ginkgo (60mm, W.B.) Gymnocladus Dioicus / Kentucky Coffee Tree (40mm, W.B.) Juglans Nigra / Black walnut (40mm, W.B.) Ostrya Virginiana / Ironwood (40mm, W.B.) Planting of Shrubs / Ornamental Grasses	5 6 10 5 6 1 1 5 5 6	each each each each each each each each	\$650.00 \$650.00 \$550.00 \$550.00 \$650.00 \$550.00 \$550.00 \$550.00	\$3,900.00 \$6,500.00 \$2,750.00 \$3,300.00 \$650.00 \$650.00 \$2,750.00 \$2,750.00 \$3,300.00
	Larix Laricina / Tamarack (175cm, W.B.) Picea Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees Acer Rubrum / Red Maple (60mm, W.B.) Acer Rubrum / Red Maple (40mm, W.B.) Amelanchier Canadensis (clump) / Shadblow 'Serviceberry' (200cm, W.B.) Celtis Occidentalis / Hackberry (60mm, W.B.) Ginko Biloba 'Magyar' / Magyar Ginkgo (60mm, W.B.) Gymnocladus Dioicus / Kentucky Coffee Tree (40mm, W.B.) Juglans Nigra / Black walnut (40mm, W.B.) Ostrya Virginiana / Ironwood (40mm, W.B.) Planting of Shrubs / Ornamental Grasses Aronia Melanocarpa / Chokecherry (60cm, Pot) Calamagrostis x Acutifolia 'Karl Foerster', Feather Reed Grass (1 Gal Pot) Cornus Sericea / Red Osier Dogwood (60cm, Br. / Pot) Diervilla Lonicera / Bush Honeysuckle (60cm, Pot)	5 6 6 12 5 6 6 12 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	each each each each each each each each	\$650.00 \$650.00 \$550.00 \$550.00 \$550.00 \$650.00 \$650.00 \$550.00 \$550.00 \$550.00 \$550.00 \$550.00 \$550.00 \$60.00 \$60.00 \$60.00	\$3,900.00 \$6,500.00 \$2,750.00 \$3,300.00 \$650.00 \$650.00 \$2,750.00 \$2,750.00 \$3,300.00 \$1,200.00 \$225.00 \$3,300.00
	Larix Laricina / Tamarack (175cm, W.B.) Picae Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees Acer Rubrum / Red Maple (60mm, W.B.) Acer Rubrum / Red Maple (60mm, W.B.) Amelanchier Canadensis (clump) / Shadblow 'Serviceberry' (200cm, W.B.) Celtis Occidentalis / Hackberry (60mm, W.B.) Ginko Biloba 'Magyar / Magyar Ginkgo (60mm, W.B.) Ginko Biloba 'Magyar / Magyar Ginkgo (60mm, W.B.) Gymnocladus Dioicus / Kentucky Coffee Tree (40mm, W.B.) Juglans Nigra / Black walnut (40mm, W.B.) Ostrya Virginiana / Ironwood (40mm, W.B.) Planting of Shrubs / Ornamental Grasses Aronia Melanocarpa / Chokecherry (60cm, Pot) Calamagrostis x Acutifolia 'Karl Foerster' / Feather Reed Grass (1 Gal Pot) Cornus Sericea / Red Osier Dogwood (60cm, B.R. / Pot) Diervilla Lonicera / Bush Honeysuckle (60cm, Pot) Euonymus Alatus 'Compacta / Dwarf Burning Bush (60cm, Pot)	5 6 6 11 1 5 5 5 6 6 6 20 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	each each each each each each each each	\$650.00 \$650.00 \$550.00 \$550.00 \$550.00 \$550.00 \$650.00 \$550.00 \$550.00 \$550.00 \$550.00 \$550.00 \$60.00 \$60.00 \$60.00 \$60.00 \$60.00	\$3,900.00 \$6,500.00 \$2,750.00 \$3,300.00 \$650.00 \$2,750.00 \$2,750.00 \$2,750.00 \$3,300.00 \$1,200.00 \$225.00 \$3,360.00 \$720.00 \$2,280.00
	Larix Laricina / Tamarack (175cm, W.B.) Picaa Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees Acer Rubrum / Red Maple (60mm, W.B.) Acer Rubrum / Red Maple (40mm, W.B.) Amelanchier Canadensis (clump) / Shadblow 'Serviceberry' (200cm, W.B.) Celtis Occidentalis / Hackberry (60mm, W.B.) Ginko Biloba 'Magyar' / Magyar Ginkgo (60mm, W.B.) Gymnocladus Dioicus / Kentucky Coffee Tree (40mm, W.B.) Juglans Nigra / Black walnut (40mm, W.B.) Ostrya Virginiana / Ironwood (40mm, W.B.) Planting of Shrubs / Ornamental Grasses Aronia Melanocarpa / Chokecherry (60cm, Pot) Calamagrostis x Acutifolia 'Karl Foerster' / Feather Reed Grass (1 Gal Pot) Cornus Sericea / Red Osier Dogwood (60cm, B.R. / Pot) Diervilla Lonicera / Bush Honeysuckle (60cm, Pot) Euonymus Alatus 'Compacta' / Dwarf Burning Bush (60cm, Pot) Hemerocallis / Daylily Mix (1 Gal Pot)	5 6 6 10 10 5 5 6 6 11 1 1 1 5 5 5 6 6 1 12 20 38 8 158	each each each each each each each each	\$650.00 \$650.00 \$550.00 \$550.00 \$550.00 \$650.00 \$650.00 \$550.00 \$550.00 \$550.00 \$60.00 \$60.00 \$45.00 \$60.00 \$60.00 \$60.00 \$60.00 \$60.00 \$45.00	\$3,900.00 \$6,500.00 \$2,750.00 \$3,300.00 \$650.00 \$2,750.00 \$2,750.00 \$2,750.00 \$3,300.00 \$1,200.00 \$225.00 \$3,360.00 \$720.00 \$720.00 \$7,110.00
	Larix Laricina / Tamarack (175cm, W.B.) Picae Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees Acer Rubrum / Red Maple (60mm, W.B.) Amelanchier Canadensis (clump) / Shadblow 'Serviceberry' (200cm, W.B.) Celtis Occidentalis / Hackberry (60mm, W.B.) Ginko Biloba 'Magyar' / Magyar Ginkgo (60mm, W.B.) Gymnocladus Dioicus / Kentucky Coffee Tree (40mm, W.B.) Juglans Nigra / Black walnut (40mm, W.B.) Ostrya Virginiana / Ironwood (40mm, W.B.) Planting of Shrubs / Ornamental Grasses Aronia Melanocarpa / Chokecherry (60cm, Pot) Calamagrostis x Acutifolia 'Karl Foerster' / Feather Reed Grass (1 Gal Pot) Diervilla Lonicera / Bush Honeysuckle (60cm, Pot) Euonymus Alatus 'Compacta' / Dwarf Burning Bush (60cm, Pot) Hemerocallis / Daylilly Mix (1 Gal Pot) Physocarpus Opulifolius / Common Ninebark (60cm, Pot) Rhus Aromatica 'Gro-Low' / Gro-Low Sumac (50cm, Pot)	5 6 6 11 1 5 5 5 6 6 6 20 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	each each each each each each each each	\$650.00 \$650.00 \$550.00 \$550.00 \$550.00 \$550.00 \$650.00 \$550.00 \$550.00 \$550.00 \$550.00 \$550.00 \$60.00 \$60.00 \$60.00 \$60.00 \$60.00	\$3,900.00 \$6,500.00 \$2,750.00 \$3,300.00 \$650.00 \$2,750.00 \$2,750.00 \$2,750.00 \$3,300.00 \$1,200.00 \$225.00 \$3,360.00 \$720.00 \$2,280.00
00 80 00	Larix Laricina / Tamarack (175cm, W.B.) Picea Pungens / Colorado Spruce (250, W.B.) Planting of Deciduous Trees Acer Rubrum / Red Maple (60mm, W.B.) Acer Rubrum / Red Maple (60mm, W.B.) Acer Rubrum / Red Maple (40mm, W.B.) Amelanchier Canadensis (clump) / Shadblow 'Serviceberry' (200cm, W.B.) Celtis Occidentalis / Hackberry (60mm, W.B.) Ginko Biloba 'Magyar / Magyar Ginkgo (60mm, W.B.) Gymnocladus Dioicus / Kentucky Coffee Tree (40mm, W.B.) Juglans Nigra / Black walnut (40mm, W.B.) Ostrya Virginiana / Ironwood (40mm, W.B.) Planting of Shrubs / Ornamental Grasses Aronia Melanocarpa / Chokecherry (60cm, Pot) Calamagrostis x Acutifolia 'Karl Foerster' / Feather Reed Grass (1 Gal Pot) Cornus Sericea / Red Osier Dogwood (60cm, B.R. / Pot) Diervilla Lonicera / Bush Honeysuckle (60cm, Pot) Euonymus Alatus 'Compactar' / Dwarf Burning Bush (60cm, Pot) Hemerocallis / Daylilly Mix (1 Gal Pot) Physocarpus Opulifolius / Common Ninebark (60cm, Pot)	5 6 6 10 10 5 5 6 6 11 1 1 1 5 5 5 6 6 1 12 20 38 8 1588 22 22	each each each each each each each each	\$650.00 \$650.00 \$550.00 \$550.00 \$550.00 \$650.00 \$550.00 \$550.00 \$550.00 \$550.00 \$550.00 \$560.00 \$60.00 \$45.00 \$60.00 \$60.00 \$60.00 \$60.00 \$60.00	\$3,900.00 \$6,500.00 \$2,750.00 \$3,300.00 \$650.00 \$5,750.00 \$2,750.00 \$3,300.00 \$1,200.00 \$2,250.00 \$3,300.00 \$2,750.00 \$3,300.00 \$1,200.00 \$2,750.00 \$3,360.00 \$7,110.00 \$1,320.00 \$1,320.00

	Unit Index				
LS	Lump Sum				
EA	Each				
LF	Linear Foot				
SF	Square Foot	t			
CF	Cubic Foot				
LM	Linear Mete	r			
SM	Square Met	er			
СМ	Cubic Meter				
CY	Cubic Yard				

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CIMA

PRE-TENDER COST ESTIMATE

Client Name: City of Thorold

Project Name: Renovations to Maintenance and Operations Centre

Location: Thorold

Contract #:

Project #: T001137A

Hasan Alfarra/Laurence Cudlip Estimator: Estimate Date: 100% Design Package **Estimated Quantities** Unit Amount Estimate Ref. #: Qty. Unit Section #: Item Description: Civil Curb 525 \$100.00 \$52,500.00 m Civil Sidewalk 195 m2 \$125.00 \$24,375.00 **00 90** 00 Fencing/Gates \$57,000.00 m LS \$150.00 \$30,000.00 \$27,000.00 \$30,000.00 Civil 180 Landscape **00 91** 00 Patio Canopy \$35,000.00 Architectural m2 \$800.00 \$24,000.00 Structural LS \$10,000.00 \$10,000.00 Electrical - Lighting & Power LS \$1,000.00 \$1,000.00 **00 92** 00 Existing Yard \$482,000.00 Minor improvements \$40.00 800 m2 \$32,000.00 LS \$450,000.00 \$450,000.00 Yard Piping 00 00 00 TOTAL \$4,688,097.00 **01** 00 00 General Requirements & Others **01 20** 00 0% \$0.00 01 01 21 13 General Requirements 15% \$703,214.55 01 00 00 TOTAL Provisions for Existing and New Conditions (including Salt Run) **02 30** 00 Subsurface Investigation \$15,000.00 \$15,000.00 LS Civil - Infrastructure 02 41 10 Selective Site Demolition & Wetland Compensation Site Demolision \$25,000.00 \$25,000.00 Wet. Compensation LS \$45,000.00 \$45,000.00 02 41 20 Civil Demolition & Removals 1020 m2 \$110.00 \$112,200.00 Site Remediation **02 50** 00 LS \$20,000.00 \$20,000.00 **02 80** 00 Facility Remediation LS \$20,000.00 \$20,000.00 02 xx xx Salt Storage/Run 02 00 00 TOTAL \$237,200.00 Furnishings **12** 00 00 **12 50** 01 FFE Supply +/- 20% LS \$96,000.00 \$96,000.00 FFE Installation +/- 20% **12 50** 02 \$15,000.00 FFE \$111,000.00 12 00 00 TOTAL **TOTAL Construction Cost** \$5,739,511.55 Ancillary Costs 10% \$573.951.16 Professional & Design Fees Disbursements +/- 1% \$57,395.12 Project Management \$172,185.35 4% 0.35% Commissioning, Logistics \$229,580.46 Moving Costs \$20,000.00 Ancillary Costs TOTAL \$1,053,112.0 \$6,792,623.63 **TOTAL Construction Cost & Ancillary Cost** Construction Contingency including Premium Time / After-Hours work 10% \$573,951.16 Contaminated Soil Remediation \$1,000,000,00 Post Construction Contingency TOTAL \$1,573,951.16

TOTAL Construction Cost & Ancillary Costs

	Unit Index		
LS Lump Sum			
EA	A Each		
LF	Linear Foot		
SF	Square Foo	t	
CF	Cubic Foot		
LM	Linear Mete	r	
SM	Square Met	er	
СМ	Cubic Meter		
CY	Cubic Yard		

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\$8,366,574.78