

QUANTITY SHEETS
CONTRACT NO. 2023-4010
ADDENDUM NO. 1

<p align="center">QUANTITIES - HOT MIX AND GRANULAR</p>		<p>W.P. No. 4044-22-00</p> <p>Contract No. 2023-4010 (addendum 1)</p>	<p align="center">SHEET 5-1</p>
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Contract No. 2023-4010 (addendum 1)

Granular

[illegible]

QUANTITIES - MISCELLANEOUS 1

W.P. No. 4044-22-00

Contract No. 2023-4010 (addendum 1)

SHEET
14-1

Location and Position

Rip-Rap
(R-10)

Rip-Rap
(R-50)

Geotextile
(Class I)
(Non-woven
(FOS 75-150 mm

Geotextile
(Class I)
(Non-woven
(FOS 600 micr

References

Sub - Totals Brought Forward:

FENELON FALLS MPY

MPY BASELINE 1

1+195; 4.1m RT - 11.0m RT

MPY BASELINE 2

2+025; 3.6m LT - 10.0m LT

2+090; 17.8m LT - 21.2m LT

2+099; 0m LT - 11.9m LT

2+113; 5.3m LT - 8.8m LT

2+155; 1.8m LT - 26.4m LT

Mud Mat

Stormwater Management Pond

Stormwater Managment Pond Access

Sub - Totals Carried Forward:

TOTALS

UNIT

ITEM No.

Reference

CHKD. _____
APPR. _____
DATE _____

Rip-Rap and Geotextile

MINISTRY OF TRANSPORTATION - ONTARIO

Page 1 of 8		QUANTITIES - RIGID DUCTS AND ASSOCIATED WIRING														W.P. No. 4044-22-00		SHEET	
																Contract No. 2023-4010 (addendum 1)		26-1	
Location		From - To OR Station		Distance (m)	UPC No.	Rigid Ducts, Concrete Encased	50 mm	100 mm	Rigid Ducts, Direct Buried	50 mm	100 mm	Cable Brick	#2/0 AWG, High Voltage Cable, in Ducts	#600 KCMIL AWG, Low Voltage Cables, in Ducts	#400 KCMIL AWG, Low Voltage Cables, in Ducts	#4/0 AWG, Low Voltage Cables, in Ducts	#3/0 AWG, Low Voltage Cables, in Ducts	#2/0 AWG, Low Voltage Cables, in Ducts	
Sub - Totals Brought Forward:																			
Patrol yard		UPC101		27	101	27		270						216	108	54	81	162	
Patrol yard		UPC101 - MH5		3					3		6			12					
Patrol yard		UPC101 - MH6		3					3		24			12	12	6	9	18	
Patrol yard		Building - CHH1		27	102	27		108											
Patrol yard		MH6 - Ref 1		9					9	9	72			36	36	18	27	54	
Patrol yard		CHH1 - Ref 1		4					4		8								
Patrol yard		Ref 1 - Ref 2		37					37	37	370			148	148	74	111	148	
Patrol yard		Ref 2 - WP-1		13	103	13		26											
Patrol yard		Ref 2 - P2		14					14	14	112			56	56	28	42	84	
Patrol yard		P2 - Ref 3		30					30	30	240			120	120	60	90	180	
Patrol yard		Ref 3 - MH7		4					4	4	28			16	16	8	12	24	
Patrol yard		Ref 3 - CHH2		7					7		7								
Patrol yard		MH7 - Ref 4		25	104	25	50												
Patrol yard		Ref 4 - P100		6		6	6												
Patrol yard		Ref 4 - P101		6		6	6												
Patrol yard		CHH2 - Septic		4					4		4								
Patrol yard		MH7 - Septic		8					8		8						24		
Patrol yard		MH7 - Ref 5		6					6	12	36			24	24	12		36	
Patrol yard		CHH2 - Ref 5		3					3		3								
Patrol yard		Ref 5 - Ref 6		7					7	14	42			28	28	14		42	
Patrol yard		Ref 6 - P3		12					12	12									
Patrol yard		Ref 6 - Ref 7		33					33	33	231			132	132	66		198	
Patrol yard		Ref 7 - MH8		9		9	9	54						36	36	18		54	
Patrol yard		Ref 7 - CHH3		7		7		7											
Patrol yard		CHH3 - A.S.B		10		10		10											
Patrol yard		MH8 - A.S.B		5		5		10						20					
Sub - Totals Carried Forward:						135	71	485	184	165	1,191	0	0	836	736	358	396	1,000	
						(P)			(P)				(P)	(P)	(P)	(P)	(P)	(P)	
TOTALS																			
UNIT						m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	
ITEM No.						61			62				63		64				
Remarks:																CHKD. _____			
																APPR. _____			
																DATE _____			

Rigid Ducts and Associated Wiring

MINISTRY OF TRANSPORTATION - ONTARIO

Page 2 of 8		QUANTITIES - RIGID DUCTS AND ASSOCIATED WIRING												W.P. No. 4044-22-00		SHEET	
														Contract No. 2023-4010 (addendum 1)		26-2	
Location		From - To OR Station	Distance (m)	UPC No.	#1/0 AWG, Low Voltage Cables, in Ducts	#3 AWG, Low Voltage Cables, in Ducts	#4 AWG, Low Voltage Cables, in Ducts	#6 AWG, Low Voltage Cables, in Ducts	#8 AWG, Insulated Ground Wires	#6 AWG, Insulated Ground Wires	#4 AWG, Insulated Ground Wires	#3 AWG, Insulated Ground Wires	#2 AWG, Insulated Ground Wires				
Sub - Totals Brought Forward:																	
Patrol yard	UPC101	27	101	162	135	513	108		81	27	27	54					
Patrol yard	UPC101 - MH5	3										3					
Patrol yard	UPC101 - MH6	3		18	15	57	12		9	3	3	3					
Patrol yard	Building - CHH1	27	102														
Patrol yard	MH6 - Ref 1	9		54		135		9	27	9	9	9					
Patrol yard	CHH1 - Ref 1	4															
Patrol yard	Ref 1 - Ref 2	37		222		555		37	111	37	37	37					
Patrol yard	Ref 2 - WP-1	13	103			39		13									
Patrol yard	Ref 2 - P2	14		84		168			42	14	14	14					
Patrol yard	P2 - Ref 3	30		180		360			90	30	30	30					
Patrol yard	Ref 3 - MH7	4		24		48			12	4	4	4					
Patrol yard	Ref 3 - CHH2	7															
Patrol yard	MH7 - Ref 4	25	104			150			50								
Patrol yard	Ref 4 - P100	6				18			6								
Patrol yard	Ref 4 - P101	6				18			6								
Patrol yard	CHH2 - Septic	4															
Patrol yard	MH7 - Septic	8							8								
Patrol yard	MH7 - Ref 5	6		36		87			18	6	6	6					
Patrol yard	CHH2 - Ref 5	3															
Patrol yard	Ref 5 - Ref 6	7		42		98			21	7	7	7					
Patrol yard	Ref 6 - P3	12				96			12								
Patrol yard	Ref 6 - Ref 7	33		198		198			66	33	33	33					
Patrol yard	Ref 7 - MH8	9		54		54			18	9	9	9					
Patrol yard	Ref 7 - CHH3	7															
Patrol yard	CHH3 - A.S.B	10															
Patrol yard	MH8 - A.S.B	5										5					
Sub - Totals Carried Forward:					1,074	150	2,594	120	59	577	179	184	209				
				(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)				
TOTALS																	
UNIT				m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)					
ITEM No.									65								
Remarks:														CHKD. _____			
														APPR. _____			
														DATE _____			

Rigid Ducts and Associated Wiring

Page 3 of 8		QUANTITIES - RIGID DUCTS AND ASSOCIATED WIRING														W.P. No. 4044-22-00		SHEET	
														Contract No. 2023-4010 (addendum 1)				26-3	
Location		From - To OR Station		Distance (m)	UPC No.	Rigid Ducts, Concrete Encased	50 mm	100 mm	Rigid Ducts, Direct Buried	50 mm	100 mm	Cable Brick	#2/0 AWG, High Voltage Cable, in Ducts	#600 KCMIL AWG, Low Voltage Cables, in Ducts	#400 KCMIL AWG, Low Voltage Cables, in Ducts	#4/0 AWG, Low Voltage Cables, in Ducts	#3/0 AWG, Low Voltage Cables, in Ducts	#2/0 AWG, Low Voltage Cables, in Ducts	
Sub - Totals Brought Forward:					135	71	485	184	165	1,191	0	0	836	736	358	396	1,000		
Patrol yard		CHH3 - Ref 9		7		7		7											
Patrol yard		CHH3 - Ref 8		8		8		8											
Patrol yard		MH8 - Ref 8		3		3		9										12	
Patrol yard		MH8 - Ref 9		5		5		20						20		10		10	
Patrol yard		Ref 9 - M.S.B		45	106	45		225						180		90		90	
Patrol yard		Ref 8 - Fuel Pad		20	105	20		80										80	
Patrol yard		MH8 - Ref 10		12		12	12	12											
Patrol yard		CHH3 - Ref 10		12		12		12											
Patrol yard		Ref 10 - P4		5					5	5	10								
Patrol yard		P4 - P5		37					37	37	74								
Patrol yard		P5 - P6		46					46	46	92								
Patrol yard		P6 - PHH1		9					9	9	18								
Patrol yard		PHH1 - P7		31					31	31	62								
Patrol yard		P7 - Ref 11		8					8	8	16								
Patrol yard		Ref 11 - CHH8		20					20		20	20							
Patrol yard		CHH8 - TB		115					115		115	115							
Patrol yard		Ref 11 - Ref 12		25					25	25	75								
Patrol yard		Ref 12 - TX1		6					6		12			24					
Patrol yard		TX1 - MH1		29					29		116	29	116						
Patrol yard		MH1 - HP		12					12		48	12	48						
Patrol yard		Ref 12 - P8		14					14	14	70			56					
Patrol yard		P8 - CHH5		21					21	21	105			84					
Patrol yard		CHH5 - PHH2		8					8	8	40			32					
Patrol yard		PHH2 - MH2		7					7	14	35			28					
Patrol yard		MH2 - P9		15					15	30	75			60					
Patrol yard		P9 - Ref 13		28					28	56	140			112					
Patrol yard		Ref 13 - FIRE		5					5	10									
Sub - Totals Carried Forward:					247	83	858	625	469	2,324	176	164	1,432	736	458	396	1,192		
						(P)	(P)			(P)			(P)	(P)	(P)	(P)	(P)	(P)	
TOTALS																			
UNIT						m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	
ITEM No.						61			62				63		64				
Remarks:																CHKD. _____			
																APPR. _____			
																DATE _____			

MINISTRY OF TRANSPORTATION - ONTARIO

Rigid Ducts and Associated Wiring

MINISTRY OF TRANSPORTATION - ONTARIO

Page 4 of 8		QUANTITIES - RIGID DUCTS AND ASSOCIATED WIRING												W.P. No. 4044-22-00		SHEET	
														Contract No. 2023-4010 (addendum 1)		26-4	
Location		From - To OR Station	Distance (m)	UPC No.	#1/0 AWG, Low Voltage Cables, in Ducts	#3 AWG, Low Voltage Cables, in Ducts	#4 AWG, Low Voltage Cables, in Ducts	#6 AWG, Low Voltage Cables, in Ducts	#8 AWG, Insulated Ground Wires	#6 AWG, Insulated Ground Wires	#4 AWG, Insulated Ground Wires	#3 AWG, Insulated Ground Wires	#2 AWG, Insulated Ground Wires				
Sub - Totals Brought Forward:					1,074	150	2,594	120	59	577	179	184	209				
Patrol yard	CHH3 - Ref 9	7															
Patrol yard	CHH3 - Ref 8	8															
Patrol yard	MH8 - Ref 8	3								3							
Patrol yard	MH8 - Ref 9	5			20		10				5		5				
Patrol yard	Ref 9 - M.S.B	45	106		180		90				45		45				
Patrol yard	Ref 8 - Fuel Pad	20	105							20							
Patrol yard	MH8 - Ref 10	12					48			12							
Patrol yard	CHH3 - Ref 10	12															
Patrol yard	Ref 10 - P4	5					20			5							
Patrol yard	P4 - P5	37					148			37							
Patrol yard	P5 - P6	46					184			46							
Patrol yard	P6 - PHH1	9					36			9							
Patrol yard	PHH1 - P7	31					124			31							
Patrol yard	P7 - Ref 11	8					32			8							
Patrol yard	Ref 11 - CHH8	20															
Patrol yard	CHH8 - TB	115															
Patrol yard	Ref 11 - Ref 12	25					100			25							
Patrol yard	Ref 12 - TX1	6											6				
Patrol yard	TX1 - MH1	29															
Patrol yard	MH1 - HP	12															
Patrol yard	Ref 12 - P8	14					56			14			14				
Patrol yard	P8 - CHH5	21					84	42		21			21				
Patrol yard	CHH5 - PHH2	8					32	16		8			8				
Patrol yard	PHH2 - MH2	7					28	14		14			7				
Patrol yard	MH2 - P9	15					60	30		30			15				
Patrol yard	P9 - Ref 13	28					112	56		56			28				
Patrol yard	Ref 13 - FIRE	5							5								
Sub - Totals Carried Forward:					1,274	160	3,758	278	64	916	229	184	358				
					(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)				
TOTALS																	
UNIT					m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)				
ITEM No.										65							
Remarks:															CHKD. _____		
															APPR. _____		
															DATE _____		

Rigid Ducts and Associated Wiring

QUANTITIES - RIGID DUCTS AND ASSOCIATED WIRING

W.P. No. 4044-22-00
Contract No. 2023-4010 (addendum 1)

Location	From - To OR Station	Distance (m)	UPC No.	Rigid Ducts, Concrete Encased	50 mm	100 mm	Rigid Ducts, Direct Buried	50 mm	100 mm	Cable Brick	#2/0 AWG, High Voltage Cable, in Ducts	#600 KCMIL AWG, Low Voltage Cables, in Ducts	#400 KCMIL AWG, Low Voltage Cables, in Ducts	#4/0 AWG, Low Voltage Cables, in Ducts	#3/0 AWG, Low Voltage Cables, in Ducts	#2/0 AWG, Low Voltage Cables, in Ducts
Sub - Totals Brought Forward:				247	83	858	625	469	2,324	176	164	1,432	736	458	396	1,192
Patrol yard	Ref 13 - Ref 14	4					4	8	28			16				
Patrol yard	Ref 14 - WP-2	3					3		6							
Patrol yard	Ref 14 - Ref 15	7					7	14	63			28				
Patrol yard	Ref 15 - P10	4					4	4								
Patrol yard	P10 - Ref 16	3					3	3								
Patrol yard	Ref 15 - Ref 16	6					6	6	54			24				
Patrol yard	Ref 16 - CHH6	5					5		20							
Patrol yard	Ref 16 - PHH3	10					10	20	30							
Patrol yard	Ref 16 - MH3	7					7		14			28				
Patrol yard	CHH6 - UPC100	6					6		12							
Patrol yard	PHH3 - UPC100	3					3		12							
Patrol yard	MH3 - UPC100	4					4		8			16				
Patrol yard	PHH3 - P12	34					34	34								
Patrol yard	UPC100	20	100		20		160					80				
Patrol yard	UPC100 - MH4	4					4		8			16				
Patrol yard	UPC100 - CHH7	7					7		14							
Patrol yard	UPC100 - PHH4	4					4		16							
Patrol yard	PHH4 - P11	3					3	3								
Patrol yard	P11 - P13	30					30	30								
Patrol yard	PHH4 - Ref 17	11					11	11	33							
Patrol yard	MH4 - Ref 17	7					7		14			28				
Patrol yard	CHH7 - Ref 17	5					5		10							
Patrol yard	Ref 17 - Ref 18	30					30	30	210			120				
Patrol yard	Ref 18 - P1	3					3	3								
Patrol yard	Ref 18 - MH5	7					7		14			28				
Patrol yard	Ref 18 - CHH1	16					16		32							
Sub - Totals Carried Forward:				267	83	1,018	848	635	2,922	176	164	1,816	736	458	396	1,192

				(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)
TOTALS																
UNIT				m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)
ITEM No.				61			62				63	64				

Remarks:

CHKD. _____
APPR. _____
DATE _____

MINISTRY OF TRANSPORTATION - ONTARIO

Rigid Ducts and Associated Wiring

MINISTRY OF TRANSPORTATION - ONTARIO

Page 6 of 8		QUANTITIES - RIGID DUCTS AND ASSOCIATED WIRING												W.P. No. 4044-22-00		SHEET	
														Contract No. 2023-4010 (addendum 1)		26-6	
Location		From - To OR Station	Distance (m)	UPC No.	#1/0 AWG, Low Voltage Cables, in Ducts	#3 AWG, Low Voltage Cables, in Ducts	#4 AWG, Low Voltage Cables, in Ducts	#6 AWG, Low Voltage Cables, in Ducts	#8 AWG, Insulated Ground Wires	#6 AWG, Insulated Ground Wires	#4 AWG, Insulated Ground Wires	#3 AWG, Insulated Ground Wires	#2 AWG, Insulated Ground Wires				
Sub - Totals Brought Forward:					1,274	160	3,758	278	64	916	229	184	358				
Patrol yard		Ref 13 - Ref 14	4			8	16	8	4	8			4				
Patrol yard		Ref 14 - WP-2	3			9			3								
Patrol yard		Ref 14 - Ref 15	7			35	28	14	14	14			7				
Patrol yard		Ref 15 - P10	4				16			4							
Patrol yard		P10 - Ref 16	3				12			3							
Patrol yard		Ref 15 - Ref 16	6			30		12	12	6			6				
Patrol yard		Ref 16 - CHH6	5														
Patrol yard		Ref 16 - PHH3	10			50	40	20	20	20							
Patrol yard		Ref 16 - MH3	7										7				
Patrol yard		CHH6 - UPC100	6														
Patrol yard		PHH3 - UPC100	3			15		6		6							
Patrol yard		MH3 - UPC100	4										4				
Patrol yard		PHH3 - P12	34				136			34							
Patrol yard		UPC100	20	100		100		40	20	20			20				
Patrol yard		UPC100 - MH4	4										4				
Patrol yard		UPC100 - CHH7	7														
Patrol yard		UPC100 - PHH4	4			20		8	4	4							
Patrol yard		PHH4 - P11	3				12	6		3							
Patrol yard		P11 - P13	30				120			30							
Patrol yard		PHH4 - Ref 17	11			55	44	44	11	22							
Patrol yard		MH4 - Ref 17	7										7				
Patrol yard		CHH7 - Ref 17	5														
Patrol yard		Ref 17 - Ref 18	30			150	120	120	30	60			30				
Patrol yard		Ref 18 - P1	3				12			3							
Patrol yard		Ref 18 - MH5	7										7				
Patrol yard		Ref 18 - CHH1	16														
Sub - Totals Carried Forward:					1,274	632	4,314	556	182	1,153	229	184	454				
					(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)				
TOTALS																	
UNIT					m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)				
ITEM No.										65							
Remarks:															CHKD. _____		
															APPR. _____		
															DATE _____		

Rigid Ducts and Associated Wiring

QUANTITIES - RIGID DUCTS AND ASSOCIATED WIRING

W.P. No. 4044-22-00

Contract No. 2023-4010 (addendum 1)

SHEET
26-7

[illegible]

MINISTRY OF TRANSPORTATION - ONTARIO

Rigid Ducts and Associated Wiring

Location	From - To OR Station	Distance (m)	UPC No.	#10 AWG, Low Voltage Cables, in Ducts	#3 AWG, Low Voltage Cables, in Ducts	#4 AWG, Low Voltage Cables, in Ducts	#6 AWG, Low Voltage Cables, in Ducts	#8 AWG, Insulated Ground Wires	#6 AWG, Insulated Ground Wires	#4 AWG, Insulated Ground Wires	#3 AWG, Insulated Ground Wires	#2 AWG, Insulated Ground Wires				
Sub - Totals Brought Forward:				1,274	632	4,314	556	182	1,153	229	184	454				
Patrol yard	Ref 18 - MH6	12			60		48	12	24							
Patrol yard	P1 - MH6	8				32			8							
Sub - Totals Carried Forward:				1,274	692	4,346	604	194	1,185	229	184	454				
				1,274	692	4,346	604	194	1,185	229	184	454				
				(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)	(P)				
TOTALS									2,246							
UNIT				m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)	m (P)				
ITEM No.									65							

Remarks:

CHKD. _____
APPR. _____
DATE _____

QUANTITIES - MISCELLANEOUS 1

W.P. No. 4044-22-00

Contract No. 2023-4010 (addendum 1)

SHEET
39

Location and Position

*Temporary Office
Facility*

References

Sub - Totals Brought Forward:

Fenelon Falls MPY Site

100 %

TOTALS

UNIT

ITEM No

Reference

100 %

lump sum

8'

CHKD. _____
APPR. _____
DATE _____

MINISTRY OF TRANSPORTATION - ONTARIO

Temporary Office Facility

QUANTITIES - MISCELLANEOUS 1

W.P. No. 4044-22-00

Contract No. 2023-4010 (addendum 1)

SHEET
40

Location and Position

Geosynthetic Clay Liner

References

Sub - Totals Brought Forward:

FENELON FALLS MPY

Stormwater Management Pond

2,287

Sub - Totals Carried Forward:

2,287

(P)

TOTALS

2,287

UNIT

 $m_2(P)$

ITEM No.

82

Reference

CHKD.

APPR.

DATE _____

MINISTRY OF TRANSPORTATION - ONTARIO

Geosynthetic Clay Liner