### Appendix B - Ministry Appendix C 2018: B13 Memorandum (Ren 2017 214)

			D	-	-		(Ren 2017 214)								,
A	В	С	D	L E	F	G		1	J	K	L	M	N	0	P
16				Facility Type						Project Status		Cost	Cost	Cost	Cost
		Facility Name	Building ID#	(e.g. elementary,	Panel	Description of Project	Component/Uniformat	Contract Date	Underway /	Start Date	Completion				
		I acility Name	Dulluling ID#	secondary, admin,	i alici	Description of Froject	Componentionnat	(MM-DD-YYYY)	,		Date	Contract cost	Additional costs	Description of additional costs	Cost Incurred up to July 3
17				etc.)					Completed	(MM-DD-YYYY)	(MM-DD-YYYY)			·	' '
											(111111 00 1111)				
						Replacement of inefficient boilers, controls and									
						·									
18	1	St. Agnes CS	1/1/7027	Elementary	JK-8	terminal heating equipment	HVAC / Boiler / Hot water (D302002)	6/26/2018	Underway	6/26/2018	8/24/2018	\$ 674,256.00	\$ -		\$ -
						Replacement of inefficient boilers, controls and									
10	2	St. Aidan CS	1/1/7450	Elementary	JK-8	terminal heating equipment	HVAC / Boiler / Hot water (D302002)	6/21/2018	Underway	6/21/2018	8/24/2018	\$ 682,837.44	<b>c</b> _		¢ _
15	2	St. Aldan CS	1/1/1450	Liementary	3/1-0		TVAC / Doller / Flot Water (D302002)	0/2 1/2010	Onderway	0/2 1/2010	0/24/2010	Ψ 002,037.44	Ψ -		Ψ -
						Replacement of inefficient boilers, controls and									
20	3	St. Angela	1/1/7465	Elementary	JK-8	terminal heating equipment	HVAC / Boiler / Hot water (D302002)	6/21/2018	Underway	6/21/2018	8/24/2018	\$ 682,837.44	\$ -		\$ -
		, and the second		,		Replacement of inefficient boilers, controls and	,		,						
		01 0	4/4/7500	E1	W 0	•	10/40 / D-'l/11-1(D000000)	0/04/0040	11-1	0/04/0040	0/04/0040	<b>6</b> 00444000	•		•
21	4	St. Cyril	1/1/7586	Elementary	JK-8	terminal heating equipment	HVAC / Boiler / Hot water (D302002)	6/21/2018	Underway	6/21/2018	8/24/2018	\$ 904,116.00			<b>-</b>
22 23 24 25 26		FatherJohn Redmond CSS	11059-1	Secondary	Grades 9-12	Lighting Upgrades	Lighting / Stage (D502006)	4/12/2018	Underway	5/1/2018	8/3/2018	\$ 13,791.60	\$ -		\$ 2,758.32
23	6	Monsignor Fraser (Norfinch Campus	1/1/7386	SEC-ALT		Lighting Upgrades	Lighting / Interior (D502003)	4/12/2018	Underway	4/6/2018	0630/2018	\$ 4,084.36	\$ -		\$ -
24	7	Our Lady of Fatima CS	1/1/7314	Elementary	JK-8	Exterior Lighting Upgrades	Lighting / Exterior (D502004)	4/12/2018	Underway	5/1/2018		\$ 2,451.84			¢
24	′														φ -
25	8	St. Marcellus CS	1/1/7816	Elementary	JK-8	Lighting Upgrades/controls	Lighting / Controls & Sensors (D306002)	4/12/2018	Underway	5/1/2018	8/24/2018	\$ 4,086.40	\$ -		\$ -
26	9	St. Margaret CS	1/1/7823	Elementary	JK-8	Lighting Upgrades	Lighting / Interior (D502003)	4/3/2018	Underway	4/17/2018	8/31/2018	\$ 9,398.72	\$ -		\$ -
	ŭ	on margaret oo	1,1,1020		0.1.0	Eighting Opgradoo	Lightning / Interior (2002000)	17072010	oaoay	., , 20 . 0	0/01/2010	φ σ,σσσ Ξ	•		•
		1													
		1				Replacement of inefficient boilers, controls and									
	40	Or Defect OO	4/4/7554	E1	117.0		10/40 / D-'l/11-1(D000000)	0/0/0040	Harden	0/0/0040	0/04/0040	Ф <b>БОТ ООБ О</b> 4	•		•
27	10	St. Brigid CS	1/1/7551	Elementary	JK-8	terminal heating equipment, DHW Tanks	HVAC / Boiler / Hot water (D302002)	6/6/2018	Underway	6/6/2018	8/31/2018	\$ 537,325.64	\$ -		\$ -
		1													
		1													
		1													
		1													
						Replacement of inefficient boilers, controls and									
28	11	St. Catherine CS	1/1/7555	Elementary	JK-8	terminal heating equipment	HVAC / Boiler / Hot water (D302002)	6/6/2018	Underway	6/6/2018	8/31/2018	\$ 268,762.53	\$ -		\$ -
20		ot. Catherine oo	1/1/1000	Licinomary	010	terminal ricating equipment	TIVAO / Bolici / Tiol Water (B302002)	0/0/2010	Officerway	0/0/2010	0/31/2010	φ 200,702.55	Ψ		Ψ
						Danlagement of inefficient bailers, centrals and									
						Replacement of inefficient boilers, controls and									
29	12	St. Clare CS	1/1/7575	Elementary	JK-8	terminal heating equipment, DHW Tanks	HVAC / Boiler / Hot water (D302002)	6/6/2018	Underway	6/6/2018	8/31/2018	\$ 578,259.52	\$ -		\$ -
				-					-						
						Replacement of inefficient boilers, controls and									
20	13	St. Gabriel CS	1/1/7654	Elementary	JK-8	terminal heating equipment, DHW Tanks	HVAC / Boiler / Hot water (D302002)	6/4/2018	Underway	6/4/2018	8/24/2018	\$ 375,131.52	¢		\$ -
30	13	St. Gabrier CS	1/1//034	Liementary	JIV-0	terminal heating equipment, Drive Tanks	TIVAC / Bollet / Flot Water (D302002)	0/4/2018	Underway	0/4/2010	0/24/2010	φ 3/3,131.32	φ -		
						D 1									
						Replacement of inefficient boilers, controls and									
31	14	St. Jerome CS	1/1/7706	Elementary	JK-8	terminal heating equipment	HVAC / Boiler / Hot water (D302002)	6/4/2018	Underway	6/4/2018	8/31/2018	\$ 378,400.64	\$ -		\$ -
				,		5	,		•						·
		1													
		1													
		1				Replacement of inefficient boilers, controls and									
22	15	St. Joseph CS	1/1/7771	Elomonton	JK-8		UVAC / Poilor / Hot water /D2020021	6/4/0040	Undanuar	6/4/2010	0/24/2040	\$ 456.042.24	¢		¢
32	15	St. Joseph CS	1/1////1	Elementary	∩V-0	terminal heating equipment	HVAC / Boiler / Hot water (D302002)	6/4/2018	Underway	6/4/2018	8/31/2018	\$ 456,042.24	Ψ -		Ψ -
						Replacement of inefficient boilers, controls and									
33	17	St. Mary's Academy	1/1/7008	Secondary	Grades 9-12	cooling tower	HVAC / Boiler / Hot water (D302002)	5/30/2018	Underway	5/30/2018	8/31/2018	\$ 1,404,700.00	\$ -		\$ - I
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		1													
		1													
		1													
		1				Replacement of inefficient boilers, controls and									
	40	Ct. Thomas Aguin CO	4 /4 /0000	Flama (	114.0		11\140 / Deiler / Het weter / D000000	0/0/0040	I I a al	0/0/0040	0/04/0040	e E04 000 00	•		r I
34	18	St. Thomas Aquinas CS	1/1/8029	Elementary	JK-8	terminal heating equipment	HVAC / Boiler / Hot water (D302002)	6/8/2018	Underway	6/8/2018	8/31/2018	\$ 561,880.00	ъ -		<b>5</b> -
		1													
25	19	Stella Maris CS	1/1/5028	Elementary	JK-8	New Building Automation System	HVAC / Building automation systems (D3060)	6/27/2018	Underway	6/27/2018	8/31/2018	\$ 169,487.00	\$ -		\$ <u>-</u>
<del></del>	. 0		., ., 5020		5/1.0	ananig / laterination Oyotom		5,21,2010	Jaor may	5,2.,2010	3,3.,2010	50,107.00	-		<del>-</del>
		1													
		1													
		1													
		1				Devilement of inefficient bullions and the									
		1				Replacement of inefficient boilers, controls and									
36	20	Blessed Trinity CS	1/1/7021	Elementary	JK-8	terminal heating equipment	HVAC / Boiler / Hot water (D302002)	6/27/2018	Underway	6/28/2018	9/15/2018	\$ 340,805.76	\$ -		\$ - I
37	21	1	-	,	-		. , ,		7			-,			•
3/		1													
38	22	1													
39	23	1													
40	24	1													
/1	Total	1										\$ 8,048,654.64	\$ -		\$ 2,758.32
41	ıvlai											ψ 0,040,034.04	Ψ -		Ψ 2,100.32
42															
36 37 38 39 40 41 42 43															

## 43 44 45 PART 2 - Planned or designed GGRF projects not entered into contractual commitments between April 1, 2018 to July 3, 2018

46 47								Offset Funding	Project D	ates			Cost			
		Facility Name	Building ID#	Facility Type	Panel	Description of Project	Component/Uniformat	Source (e.g. SCI, SRA, BAGG, Other or None)	Start Date	Completion Date MM-DD-YYYY)	Project cost	Additional cost	Description of additional cost	Cost Incurred up to July 3		
49	1	Catholic Education Centre	11492-1	OFF-ADM		Lighting controls	Lighting / Controls & Sensors (D306002)	None			\$ 300,000.00	\$ -		\$ -		
50	2	Catholic Education Centre	11492-1	OFF-ADM		HVAC Controls/Commissioning	HVAC / Building automation systems (D3060)	None		9	140,000.00	\$ -		\$ -		
51	3	Catholic Education Centre	11492-1	OFF-ADM		Electric Vehicle Charging Stations	Various / EV charging station (D509003)	None		(	50,000.00	\$ -		\$ -		
52	4	Jean Vanier CSS	1/1/5217	Secondary	Grades 9 to 12	Variable frequency Drives	HVAC / Variable frequency drives (D302056)	SCI		5	41,374.00	\$ -		\$ -		
53	5	Francis Libermann CSS	1/1/7119	Secondary	Grades 9 to 12	Electric Vehicle Charging Stations	Various / EV charging station (D509003)	SCI		9	50,000.00	\$ -		\$ -		
54	6															
48 49 50 51 52 53 54 55 56	7															
56	8															
57	Total									(	581,374.00	\$ -				

#### Appendix B - Ministry Appendix C 2018: B13 Memorandum

1	1	(Ren 2017 214)
16	Q	(Refi 2017 214)
16	Cost	Additional Comments
1	Total Capital Project Cost	Additional Comments
17		
		Work includes new BAS (D306002) and Fin-tube terminal
18	\$ 674,256.00	heating equipment (D305004)
		Work includes new BAS (D306002) and Fin-tube terminal
19	\$ 682,837.44	heating equipment (D305004) Work includes new BAS (D306002) and Fin-tube terminal
20	\$ 682,837.44	heating equipment (D305004)
2.	\$ 904,116.00	Work includes new BAS (D306002) and Fin-tube terminal
21		heating equipment (D305004) Consultant Fees
23	\$ 4,084.36	
24 25		Consultant Fees Consultant Fees
26		Consultant Fees
		Project will be phased over two years. Total Value = \$1,343,314.10. PHASE 1 Replacement of boiler plant (40%
		project value), completion August 31, 2018. Phase 2- Terminal fin-tube replacement (60% Prject value),
27	\$ 537,325.64	completion August 31, 2019.
		Project will be phased over two years. Total Value = \$671,906.32. PHASE 1 Replacement of boiler plant (40%
		project value), completion August 31, 2018. Phase 2-
20	\$ 268,762.53	Terminal fin-tube replacement (60% Prject value), completion August 31, 2019.
28	Ψ 200,702.53	Project will be phased over two years. Total Value =
		\$1,445,648.79. PHASE 1 Replacement of boiler plant (40%
		project value), completion August 31, 2018. Phase 2- Terminal fin-tube replacement (60% Prject value),
29	\$ 578,259.52	completion August 31, 2019.
		Project will be phased over two years. Total Value = \$937,828.80. PHASE 1 Replacement of boiler plant (40%
		project value), completion August 31, 2018. Phase 2-
20	\$ 375,131.52	Terminal fin-tube replacement (60% Prject value),
30	ψ 3/5,131.52	completion August 31, 2019. Project will be phased over two years. Total Value =
		\$946,001.60. PHASE 1 Replacement of boiler plant (40%
		project value), completion August 31, 2018. Phase 2- Terminal fin-tube replacement (60% Prject value),
31	\$ 378,400.64	completion August 31, 2019.
		Project will be phased over two years. Total Value = \$1,140,105.60. PHASE 1 Replacement of boiler plant (40%
		project value), completion August 31, 2018. Phase 2-
32	\$ 456,042.24	Terminal fin-tube replacement (60% Prject value), completion August 31, 2019.
عد		
33	\$ 1,404,700.00	Work includes new BAS (D306002) Project will be phased over two years. Total Value =
		\$1,404,700.00. PHASE 1 Replacement of boiler plant (40%
		project value), completion August 31, 2018. Phase 2-
34	\$ 561,880.00	Terminal fin-tube replacement (60% Prject value), completion August 31, 2019.
		Work carried out by TDSB. TCDSB pays 60% proportionate
35	\$ 169,487.00	share. Project will be phased over two years. Total Value =
		\$852,014.40. PHASE 1 Replacement of boiler plant (40%
		project value), completion August 31, 2018. Phase 2- Terminal fin-tube replacement (60% Priect value),
36	\$ 340,805.76	completion August 31, 2019.
37		
38 39		
40	0.040.054.5	
41	\$ 8,048,654.64	
43		
44		
45 46		
47		
		Ad Private Comment
	Total Cost	Additional Comments
48		
49		Project not started
50 51		Project not started Project not started
52	\$ 41,374.00	Project not started
53 54	\$ 50,000.00 \$ -	Project not started
55	\$ -	
56 57	\$ - \$ 581 374 00	
57	\$ 581,374.00	

#### **APPENDIX B**

# PART 1 Eligible Capital Projects entered into contractual commitments between April 1, 2018 to July 3, 2018

between	Eacility Name	Description of Project	Total Capital		
	Facility Name	Description of Project	Project Cost		
1	St. Agnes CS	Replacement of inefficient boilers, controls and terminal heating equipment	\$ 674,256.00		
2	St. Aidan CS	Replacement of inefficient boilers, controls and terminal heating equipment	\$ 682,837.44		
3	St. Angela	Replacement of inefficient boilers, controls and terminal heating equipment	\$ 682,837.44		
4	St. Cyril	Replacement of inefficient boilers, controls and terminal heating equipment	\$ 904,116.00		
	FatherJohn Redmond CSS	Lighting Upgrades	\$ 13,791.60		
6	Monsignor Fraser (Norfinch Campus)	Lighting Upgrades	\$ 4,084.36		
7	Our Lady of Fatima CS	Exterior Lighting Upgrades	\$ 2,451.84		
8	St. Marcellus CS	Lighting Upgrades/controls	\$ 4,086.40		
9	St. Margaret CS	Lighting Upgrades	\$ 9,398.72		
10	St. Brigid CS	Replacement of inefficient boilers, controls and terminal heating equipment, DHW Tanks	\$ 537,325.64		
11	St. Catherine CS	Replacement of inefficient boilers, controls and terminal heating equipment	\$ 268,762.53		
12	St. Clare CS	Replacement of inefficient boilers, controls and terminal heating equipment, DHW Tanks	\$ 578,259.52		
13	St. Gabriel CS	Replacement of inefficient boilers, controls and terminal heating equipment, DHW Tanks	\$ 375,131.52		
14	St. Jerome CS	Replacement of inefficient boilers, controls and terminal heating equipment	\$ 378,400.64		
15	St. Joseph CS	Replacement of inefficient boilers, controls and terminal heating equipment	\$ 456,042.24		
17	St. Mary's Academy	Replacement of inefficient boilers, controls and cooling tower	\$ 1,404,700.00		
18	St. Thomas Aquinas CS	Replacement of inefficient boilers, controls and terminal heating equipment	\$ 561,880.00		
19	Stella Maris CS	New Building Automation System	\$ 169,487.00		
20	Blessed Trinity CS	Replacement of inefficient boilers, controls and terminal heating equipment	\$ 340,805.76		
Total			\$ 8,048,654.64		

PART 2 - Planned or designed GGRF projects not entered into contractual commitments between April 1, 2018 to July 3, 2019

	Facility Name	Description of Project	Total Cost		
1	Catholic Education Centre	Lighting controls	\$	300,000.00	
2	Catholic Education Centre	HVAC Controls/Commissioning	\$	140,000.00	
3	Catholic Education Centre	Electric Vehicle Charging Stations	\$	50,000.00	
4	Jean Vanier CSS	Variable frequency Drives	\$	41,374.00	
5	Francis Libermann CSS	Electric Vehicle Charging Stations	\$	50,000.00	
Total			\$	581,374.00	