



ADDENDUM # 1

Solicitation Number: 17-2014

Title: 17-2014 WATER TREATMENT SERVICES

Date: May 2, 2017

The following supplements and/or supersedes the Invitation to Tender documents issued on April 3rd, 2017. This addendum forms part of the contract documents and is to be read, interpreted, and coordinated with all other parts. Any change to the cost of the work as a result of this addendum is to be included in the price proposal. The following revisions supersede the information contained in the original Invitation to Tender Package for the above-mentioned project to the extent referenced and shall become part thereof.

QUESTIONS & ANSWERS

Q1 Building 57 and 75 are on the Description of Serviced Equipment (page 32 – 33). However, the Appendix C pricing forms on pages 35 – 43 do not include these buildings.

Question: Will the pricing forms be updated to include these buildings, or should our quote exclude these two buildings?

A1 Yes, the pricing forms have been updated. Please use the amended Appendix C pricing forms found in Addendum #1 below.

Q2 Clause 4.1 on page 11 of the tender indicates the contract shall be from contract award to March 31, 2019. The pricing forms are for the period June 1 – May 31.

Question: Should Clause 4.1 read ... to May 31, 2019?

A2 Yes, clause 4.1 of Part 3 has been updated. Please find the amended clause 4.1 in Addendum #1 below.

AMENDMENT TO THE INVITATION TO TENDER 17-2014

Please find the following revisions to the Invitation to Tender. Note: There are three (3) revisions in total.

1. At Part 3, Section 4.0 CONTRACT PERIOD,

DELETE:

4.1 The Contract shall be from contract award to March 31, 2019.

INSERT:

4.1 The Contract shall be from contract award to May 31, 2019.

2. At Appendix C – BASIS OF PAYMENT,

DELETE:

Appendix C in its entirety.

INSERT:

Appendix C on the following pages:



APPENDIX C

BASIS OF PAYMENT

1.0 General

Payment shall be in accordance with **article 14. and 15. of Part 3, and Appendix 'A' – Terms of Payment.**

All deliverables FOB destination, Canadian custom duties and excise tax (if applicable). If applicable, Applicable Taxes for the labour will be shown separately.

2.0 Pricing Basis

The Contractor shall be paid in accordance with the following for work performed under the Contract.

YEAR 1 (June 1, 2017 to May 31, 2018)

Systems description and locations	Visits time and frequency	Total number of services/visits (A)	Cost per service (visit) (B)	Annual cost (A x B)
Building 12				
Chiller	June + August	2	\$	\$
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 18				
Steam Boiler	Once a month November to April	6	\$	\$
Building 20				
Cooling Tower 1	Twice a month	24	\$	\$
Cooling Tower 2	Twice a month	24	\$	\$
Cooling Tower x 2	Twice a month June to September	8	\$	\$
Chilled Water	Twice a month June to September	8	\$	\$
HWH (Reheat)	Monthly	12	\$	\$
Glycol	Once a month November, January + March	3	\$	\$
Steam Boiler 1	Twice a month October to May	16	\$	\$
Steam Boiler 2	Twice a month October to May	16	\$	\$



Building 21				
Cooling Tower	Monthly	12	\$	\$
Glycol	Once a month November, January + March	3	\$	\$
Glycol	Once a month November, January + March	3	\$	\$
Hot Water Boiler 1	Once a month November to April	6	\$	\$
Hot Water Boiler 2	Once a month November to April	6	\$	\$
Hot Water Boiler 3	Once a month November to April	6	\$	\$
Hot Water Boiler 4	Once a month November to April	6	\$	\$
Steam Boiler 1	Once a month November to April	6	\$	\$
Steam Boiler 2	Once a month November to April	6	\$	\$
Building 22				
Cooling Tower	Twice a month June to September	8	\$	\$
Chilled	Twice a month June to September	8	\$	\$
HWH Reheat	Once a month November to April	6	\$	\$
Glycol x 2	Once a month November, January + March	3	\$	\$
Steam Boiler 1	Twice a month October to May	16	\$	\$
Steam Boiler 2	Twice a month October to May	16	\$	\$
Building 23				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 34				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 49				
Cooling Tower	Twice a month	24	\$	\$
Steam Boiler	Once a month November to April	6	\$	\$
Building 50				
Cooling Tower	Twice a month	24	\$	\$
Steam Boiler 1	Once a month November to April	6	\$	\$
Steam Boiler 2	Once a month November to April	6	\$	\$



Building 55				
Hot Water Heating	Once a month November to April	6	\$	\$
Glycol for HVAC	Once a month November, January + March	3	\$	\$
Building 57				
Hot Water Heating	Once a month November to April	6	\$	\$
Glycol for HVAC	Once a month November, January + March	3	\$	\$
Building 59				
Chiller/Glycol System	Twice a month June to September	8	\$	\$
Hot Water Heating	Once a month November to April	6	\$	\$
Building 72				
Steam Boiler	Once a month November to April	6	\$	\$
Building 74				
Chiller	Once a month May, July and Sept.	3	\$	\$
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 75				
Hot Water Heating	Once a month November to April	6	\$	\$
Building 85				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 88				
Steam Boiler 1	Once a month November to April	6	\$	\$
Steam Boiler 2	Once a month November to April	6	\$	\$
Building 91				
Glycol Boiler 1	Once a month November to April	6	\$	\$
Glycol Boiler 2	Once a month November to April	6	\$	\$
Building 94				
Hot Water Boiler 1	Once a month November to April	6	\$	\$
Hot Water Boiler 2	Once a month November to April	6	\$	\$
Hot Water Boiler 3	Once a month November to April	6	\$	\$
Building 97				
Hot Water Boiler	Once a month November to April	6	\$	\$



Building 98				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 99				
Cooling Tower	Twice a month	24	\$	\$
Steam Boiler	Once a month November to April	6	\$	\$
Building 106				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 110				
Cooling Tower	Twice a month	24	\$	\$
Steam Boiler	Once a month November to April	6	\$	\$
Building 114				
Steam Boiler	Once a month November to April	6	\$	\$
Building 140				
Cooling Tower	Twice a month	24	\$	\$
Building 143				
Hot Water Boiler	Once a month November to April	6	\$	\$
Legionella Testing on 11 x Cooling Towers	Twice annually	2	\$	\$
TOTAL YEAR 1 (Y1)				\$

Year 2

(June 1, 2018 to May 31, 2019)

Systems description and locations	Visits time and frequency	Total number of services/visits	Cost per service (visit)	Annual cost
		(A)	(B)	(A x B)
Building 12				
Chiller	June + August	2	\$	\$
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 18				
Steam Boiler	Once a month November to April	6	\$	\$



Building 20				
Cooling Tower 1	Twice a month	24	\$	\$
Cooling Tower 2	Twice a month	24	\$	\$
Cooling Tower x 2	Twice a month June to September	8	\$	\$
Chilled Water	Twice a month June to September	8	\$	\$
HWH (Reheat)	Monthly	12	\$	\$
Glycol	Once a month November, January + March	3	\$	\$
Steam Boiler 1	Twice a month October to May	16	\$	\$
Steam Boiler 2	Twice a month October to May	16	\$	\$
Building 21				
Cooling Tower	Monthly	12	\$	\$
Glycol	Once a month November, January + March	3	\$	\$
Glycol	Once a month November, January + March	3	\$	\$
Hot Water Boiler 1	Once a month November to April	6	\$	\$
Hot Water Boiler 2	Once a month November to April	6	\$	\$
Hot Water Boiler 3	Once a month November to April	6	\$	\$
Hot Water Boiler 4	Once a month November to April	6	\$	\$
Steam Boiler 1	Once a month November to April	6	\$	\$
Steam Boiler 2	Once a month November to April	6	\$	\$
Building 22				
Cooling Tower	Twice a month June to September	8	\$	\$
Chilled	Twice a month June to September	8	\$	\$
HWH Reheat	Once a month November to April	6	\$	\$
Glycol x 2	Once a month November, January + March	3	\$	\$
Steam Boiler 1	Twice a month October to May	16	\$	\$
Steam Boiler 2	Twice a month October to May	16	\$	\$
Building 23				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 34				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 49				
Cooling Tower	Twice a month	24	\$	\$



Steam Boiler	Once a month November to April	6	\$	\$
Building 50				
Cooling Tower	Twice a month	24	\$	\$
Steam Boiler 1	Once a month November to April	6	\$	\$
Steam Boiler 2	Once a month November to April	6	\$	\$
Building 55				
Hot Water Heating	Once a month November to April	6	\$	\$
Glycol for HVAC	Once a month November, January + March	3	\$	\$
Building 57				
Hot Water Heating	Once a month November to April	6	\$	\$
Glycol for HVAC	Once a month November, January + March	3	\$	\$
Building 59				
Chiller/Glycol System	Twice a month June to September	8	\$	\$
Hot Water Heating	Once a month November to April	6	\$	\$
Building 72				
Steam Boiler	Once a month November to April	6	\$	\$
Building 74				
Chiller	Once a month May, July and Sept.	3	\$	\$
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 75				
Hot Water Heating	Once a month November to April	6	\$	\$
Building 85				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 88				
Steam Boiler 1	Once a month November to April	6	\$	\$
Steam Boiler 2	Once a month November to April	6	\$	\$
Building 91				
Glycol Boiler 1	Once a month November to April	6	\$	\$
Glycol Boiler 2	Once a month November to April	6	\$	\$



Building 94				
Hot Water Boiler 1	Once a month November to April	6	\$	\$
Hot Water Boiler 2	Once a month November to April	6	\$	\$
Hot Water Boiler 3	Once a month November to April	6	\$	\$
Building 97				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 98				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 99				
Cooling Tower	Twice a month	24	\$	\$
Steam Boiler	Once a month November to April	6	\$	\$
Building 106				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 110				
Cooling Tower	Twice a month	24	\$	\$
Steam Boiler	Once a month November to April	6	\$	\$
Building 114				
Steam Boiler	Once a month November to April	6	\$	\$
Building 140				
Cooling Tower	Twice a month	24	\$	\$
Building 143				
Hot Water Boiler	Once a month November to April	6	\$	\$
Legionella Testing on 11 x Cooling Towers	Twice annually	2	\$	\$
TOTAL YEAR 2 (Y2)				\$



Option Year

(June 1, 2019 to May 31, 2020)

Systems description and locations	Visits time and frequency	Total number of services/visits	Cost per service (visit)	Annual cost
		(A)	(B)	(A x B)
Building 12				
Chiller	June + August	2	\$	\$
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 18				
Steam Boiler	Once a month November to April	6	\$	\$
Building 20				
Cooling Tower 1	Twice a month	24	\$	\$
Cooling Tower 2	Twice a month	24	\$	\$
Cooling Tower x 2	Twice a month June to September	8	\$	\$
Chilled Water	Twice a month June to September	8	\$	\$
HWH (Reheat)	Monthly	12	\$	\$
Glycol	Once a month November, January + March	3	\$	\$
Steam Boiler 1	Twice a month October to May	16	\$	\$
Steam Boiler 2	Twice a month October to May	16	\$	\$
Building 21				
Cooling Tower	Monthly	12	\$	\$
Glycol	Once a month November, January + March	3	\$	\$
Glycol	Once a month November, January + March	3	\$	\$
Hot Water Boiler 1	Once a month November to April	6	\$	\$
Hot Water Boiler 2	Once a month November to April	6	\$	\$
Hot Water Boiler 3	Once a month November to April	6	\$	\$
Hot Water Boiler 4	Once a month November to April	6	\$	\$
Steam Boiler 1	Once a month November to April	6	\$	\$
Steam Boiler 2	Once a month November to April	6	\$	\$



Building 22				
Cooling Tower	Twice a month June to September	8	\$	\$
Chilled	Twice a month June to September	8	\$	\$
HWH Reheat	Once a month November to April	6	\$	\$
Glycol x 2	Once a month November, January + March	3	\$	\$
Steam Boiler 1	Twice a month October to May	16	\$	\$
Steam Boiler 2	Twice a month October to May	16	\$	\$
Building 23				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 34				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 49				
Cooling Tower	Twice a month	24	\$	\$
Steam Boiler	Once a month November to April	6	\$	\$
Building 50				
Cooling Tower	Twice a month	24	\$	\$
Steam Boiler 1	Once a month November to April	6	\$	\$
Steam Boiler 2	Once a month November to April	6	\$	\$
Building 55				
Hot Water Heating	Once a month November to April	6	\$	\$
Glycol for HVAC	Once a month November, January + March	3	\$	\$
Building 57				
Hot Water Heating	Once a month November to April	6	\$	\$
Glycol for HVAC	Once a month November, January + March	3	\$	\$
Building 59				
Chiller/Glycol System	Twice a month June to September	8	\$	\$
Hot Water Heating	Once a month November to April	6	\$	\$
Building 72				
Steam Boiler	Once a month November to April	6	\$	\$



Building 74				
Chiller	Once a month May, July and Sept.	3	\$	\$
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 75				
Hot Water Heating	Once a month November to April	6	\$	\$
Building 85				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 88				
Steam Boiler 1	Once a month November to April	6	\$	\$
Steam Boiler 2	Once a month November to April	6	\$	\$
Building 91				
Glycol Boiler 1	Once a month November to April	6	\$	\$
Glycol Boiler 2	Once a month November to April	6	\$	\$
Building 94				
Hot Water Boiler 1	Once a month November to April	6	\$	\$
Hot Water Boiler 2	Once a month November to April	6	\$	\$
Hot Water Boiler 3	Once a month November to April	6	\$	\$
Building 97				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 98				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 99				
Cooling Tower	Twice a month	24	\$	\$
Steam Boiler	Once a month November to April	6	\$	\$
Building 106				
Hot Water Boiler	Once a month November to April	6	\$	\$
Building 110				
Cooling Tower	Twice a month	24	\$	\$
Steam Boiler	Once a month November to April	6	\$	\$
Building 114				
Steam Boiler	Once a month November to April	6	\$	\$



Building 140				
Cooling Tower	Twice a month	24	\$	\$
Building 143				
Hot Water Boiler	Once a month November to April	6	\$	\$
Legionella Testing on 11 x Cooling Towers	Twice annually	2	\$	\$
TOTAL OPTION YEAR (OY)				\$

3. In the French version only of the Invitation to Tender, at Appendix B – STATEMENT OF WORK,

DELETE:

Section 6. DÉSCRIPTION DE L'ÉQUIPEMENT in its entirety

INSERT:

6. DESCRIPTION DE L'ÉQUIPEMENT

Location	Description	Capacité	Système d'alimentation chimique
Édifice 12	Refroidisseur	7,5 T	Biocides dans le bac doseur
	Chaudière à eau chaude		Bac doseur
Édifice 18	Chaudière à vapeur	500 000 BTU	
Édifice 20	Tour de refroidissement 1	60 T	Automatique / Purge / Biocide
	Tour de refroidissement 2	150 T	Automatique / Purge / Biocide
	Tour de refroidissement x 2	450/900 T	Automatique / Purge / Biocide
	Eau réfrigérée	2000 GI	Dispositif d'alimentation et boîtier de filtre
	Chauffage à eau chaude (Postcombustion)		Bac doseur & Filtre
	Glycol	Préchauffage	Dispositif d'alimentation et filtre
	Chaudières à vapeur x 2	500 HP – 15m BTU	
Édifice 21	Tour de refroidissement	300 T	Automatique / Purge / Biocide
	Glycol	Préchauffage	Boîtier et Filtre
	Glycol	Préchauffage et chauffage	
	Chaudière à eau chaude 1		
	Chaudière à eau chaude 2		
	Chaudière à eau chaude 3		
	Chaudière à eau chaude 4		
	Chaudières à vapeur x 2	1 000 000 BTU	

**6. DESCRIPTION DE L'ÉQUIPEMENT (suite)**

Édifice 22	Tour de refroidissement	2 x 200 T	Automatique / Purge / Biocide
	Réfrigéré		Dispositif d'alimentation et filtre
	Chauffage à eau chaude (Postcombustion)		Automatique / Purge / Biocide
	Glycol x 2		
	Chaudières à vapeur x 2	250 HP – 7,5m BTU	
Édifice 23	Chaudière à eau chaude		
Édifice 34	Chaudière à eau chaude		
Édifice 49	Tour de refroidissement	150 T	Automatique / Purge
	Chaudière à vapeur	1 200 000 BTU	
Édifice 50	Tour de refroidissement	40 T	Automatique / Purge / Biocide
	Chaudière à vapeur 1	3 MBTH	
	Chaudière à vapeur 2	3 MBTH	
Édifice 55	Chauffage à l'eau chaude		Filtre et bac doseur
	Glycol pour CVC		
Édifice 57	Chauffage à eau chaude		Bac doseur
	Glycol pour CVC		Bac doseur
Édifice 59	Système refroidisseur/Glycol		Filtre et bac doseur
	Chauffage à eau chaude		
Édifice 72	Chaudière à vapeur	1 084 000 BTU	
Édifice 74	Refroidisseur	24 T	
	Chaudière à eau chaude		
Édifice 75	Chauffage à eau chaude		Bac doseur
Édifice 85	Chaudière à eau chaude		
Édifice 88	Chaudière à eau chaude x 2	1 200 000 BTU	
Édifice 91	Chaudière au Glycol x 2	1 MBTH (50/50)	
Édifice 94	Chaudière à eau chaude x 3		
Édifice 97	Chaudière à eau chaude		
Édifice 98	Chaudière à eau chaude		Filtre et bac doseur
Édifice 99	Tour de refroidissement	40 T	Purge automatique/ Alimentation par minuterie
	Chaudière à vapeur	500 000 BTU	
Édifice 106	Chaudière à eau chaude		
Édifice 110	Tour de refroidissement	20 T	Pompe, réservoir, minuterie
	Chaudière à vapeur	1 054 000 BTU	
Édifice 114	Chaudière à vapeur	8 cv / 278 000 BTU	Pompe, réservoir, minuterie
Édifice 140	Tour de refroidissement	40 T	
Édifice 143	Chaudière à eau chaude		

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.

End of Addendum #1