



RETURN BIDS TO:
RETOURNER LES SUBMISSION À :
Parks Canada Agency Bid Receiving Unit
National Contracting Services
111 Water Street East
Cornwall ON K6H 6S2

**REVISION 002 TO A
REQUEST FOR PROPOSAL**

**RÉVISION 002 À UNE
DEMANDE DE PROPOSITION**

The referenced document is hereby revised;
unless otherwise indicated, all other terms and
conditions of the Offer remain the same.

Ce document est par la présente révisé; sauf
indication contraire, les modalités de l'offre
demeurent les mêmes.

Issuing Office - Bureau de distribution :
Parks Canada Agency
National Contracting Services
111, Water Street East
Cornwall ON K6H 6S2

Title - Sujet : Trent Severn Waterway NHS Potable Water Service and Maintenance	
Solicitation No. - N° de l'invitation : 5P300-18-0449-A	Date : April 2, 2019
Amendment No. - N° de modification : 002	
Client Reference No. - N° de référence du client : 10183326	
GETS Reference No. N° de reference de SEAG : PW-19-00868082	

Solicitation Closes - L'invitation prend fin : At - à : 2 :00 p.m. On - le : April 29, 2019	Time Zone - Fuseau horaire Eastern Standard Time
--	--

F.O.B. - F.A.B. :
Plant - Usine : Destination : Other - Autre :

Address Enquiries to - Adresser toutes demande de renseignements à : Céline Morin

Telephone No. - N° de telephone : 613-938-5940	Fax No. -N° de télécopieur :	Email Address – Courriel : Celine.morin@canada.ca
--	-------------------------------------	---

Destination of Goods, Services, and Construction - Destination des biens, services, et construction :
Trent-Severn Waterway
Various Locations from Trenton to Port Severn
Parks Canada
2155 Ashburnham Drive
Peterborough ON K9J 6Z6

TO BE COMPLETED BY THE BIDDER - À REMPLIR PAR LE SOUMISSIONNAIRE

Vendor/ Firm Name - Nom du fournisseur/ de l'entrepreneur :	
Address - Adresse :	
Telephone No. - N° de telephone :	Fax No. - N° de télécopieur :
Name of person authorized to sign on behalf of the Vendor/Firm Nom de la personne autorisée a signer au nom du fournisseur/ de l'entrepreneur	
Signature :	Date :

Solicitation No. - N° de l'invitation :
5P3600-18-0449-S

Amd. No. - N° de la modif. :
02

Contracting Authority - Autorité contractante :
Céline Morin

Client Ref. No. - N° de réf. du client :
10183326

Title – Titre :
Trent Severn Waterway NHS Potable Water Service and Maintenance

Amendment 002

This amendment is raised to make changes to the tender documents, and to distribute questions and answers.

1. Questions & Answers

1. Are you able to confirm the proposal due date of April 29th, as well as the contract awarding date and contract starting date?

ANSWER: The proposal due date is April 29, 2019 at 2:00 p.m. EDT. The contract award and start dates are difficult to confirm as the contract will be awarded and started after bid review and confirmation of security clearances, as indicated in the RFP. The length of these processes may vary.

2. Is the nature of the additional tasks related only to maintenance, or will additional sampling, process optimisation, and technical studies be expected?

ANSWER: The task authorization is used to complete tasks as they arise. It is anticipated the tasks will be primarily for maintenance but does not exclude requesting other items.

3. Is it possible to have the water quality report from the previous year?

ANSWER: Yes. See attached.

2. Tender Package/ Solicitation Revisions

Given the expected contract start date in May, the **2019 spring start-up for water systems** will not be included in this contract. **A price for the winterization, maintenance and service work must still be included in Table A of the Basis of Payment.**

Replacement of Table A – Year 1 in Annex B- Basis of Payment by the following:

Solicitation No. - N° de l'invitation :
5P3600-18-0449-S

Amd. No. - N° de la modif. :
02

Contracting Authority - Autorité contractante :
Céline Morin

Client Ref. No. - N° de réf. du client :
10183326

Title – Titre :
Trent Severn Waterway NHS Potable Water Service and Maintenance

TABLE A – YEAR 1 – from award to March 31, 2020 (REVISED)

1.0 ANNUAL START UP, WINTERIZATION SERVICE AND MAINTENANCE				
<u>Item and Frequency</u>	<u>Unit</u>	<u>Quantity</u> (a)	<u>Unit Cost</u> (b)	<u>Extended Cost</u> (a) X (b)
ANNUAL START UP	Location	35	N/A	N/A
ANNUAL WINTERIZATION	Location	35		
MONTHLY MAINTENANCE (including driving time, mileage) (6 days per month)	Days	36		
*SERVICE CALLS (Task Authorizations) - estimate only, final count may vary	Each	15		
1.0 Sub-Total (before taxes)				
*2.0 CONSUMABLES (estimate only, final count may vary)				
Tannin Media (every 5 years) *Provisional Item*	Unit	1		
Sand media (every 5 years) *Provisional Item*	Unit	1		
Salt bags (18.1kg bag)	Each	250		
20", 1-micron absolute filter (1 per year)	Each	60		
20", 75-25 micron filters (every 2 months)	Each	320		
20", 25-01 micron filter (every 2 months)	Each	175		
10", 1-micron absolute filter (1per year)	Each	25		
10", 75-25 micron filters (every 2 months)	Each	120		
10", 25-01 micron filter (every 2 months)	Each	60		
GAC Filter	Each	10		
Chlorine (6% 4L bottle)	Each	125		
Chlorine Test Strips (box of 50)	Each	150		
NaOH (25% 4L bottle)	Each	90		
Hallet 15XS UV lamp (every 2 years) *Provisional Item*	Pairs	28		
Other parts	Estimated Total (a) \$1,000.00		Mark-Up (b) _____ %	(a) X (b) + \$1,000.00 \$ _____
2.0 Sub-Total (before taxes)				

Solicitation No. - N° de l'invitation :
5P3600-18-0449-S

Amd. No. - N° de la modif. :
02

Contracting Authority - Autorité contractante :
Céline Morin

Client Ref. No. - N° de réf. du client :
10183326

Title – Titre :
Trent Severn Waterway NHS Potable Water Service and Maintenance

3.0 ANNUAL START UP, WINTERIZATION SERVICE AND MAINTENANCE				
Lock 45 (Provisional)				
Item and Frequency	Unit	Quantity (a)	Unit Cost (b)	Extended Cost (a) X (b)
START UP	Location	1	N/A	N/A
WINTERIZATION	Location	1		
MONTHLY MAINTENANCE (including driving time, mileage)	Visits	6		
**SERVICE CALLS (Task Authorizations) - estimate only, final count may vary	Each	2		
3.0 Sub-Total				
Pricing Summary – Year 1				
1.0 Annual Start Up, Winterization, Service and Maintenance (Sub-Total from above)				
2.0 Consumables (Sub-Total from above)				
3.0 Lock 45 (Provisional) (Sub-Total from above)				
Total TABLE A - YEAR 1 (excluding taxes)				

ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED

Parameter Name	Units	HALIBURTON-RAW	WASHAGO SHOPS - RAW	LOCK44-RAW	LOCK 42-RAW	BRIDGE 57-RAW	LOCK 41-RAW	LOCK 40 - R	LOCK 39 - R	LOCK 38-RAW	LOCK 37-RAW	LOCK 36-RAW	LOCK 31-RAW	LOCK 28-RAW	LOCK 27-RAW	LOCK 25-RAW	LOCK 24 - RAW	LOCK 23-RAW	LOCK 22 - RAW	LOCK 16/17-RAW	LOCK 15-RAW	LOCK 14-RAW	LOCK 10-R	LOCK 8-RAW	LOCK 7-RAW	LOCK 4-RAW	BRIDGE 50-RAW	BRIDGE 44-RAW	BRIDGE 43-RAW	
		Jul 10, 2018 10:00 AM	Apr 18, 2018 03:00 PM	Apr 23, 2018 03:00 PM	Apr 25, 2018 02:00 PM	Apr 24, 2018 01:00 PM	May 23,2018 02:20 PM	May 23, 2018 06:30 PM	May 24, 2018 11:30 AM	May 02, 2018 10:00 AM	Apr 25, 2018 03:30 PM	May 04, 2018 01:45 PM	May 23, 2018 09:00 AM	May 02, 2018 05:30 PM	May 03, 2018 11:30 PM	May 23, 2018 09:30 AM	May 16, 2018 04:40 PM	May 23, 2018 10:30 AM	May 16, 2018 05:00 PM	May 23, 2018 12:50 PM	May 23, 2018 12:40 PM	May 23, 2018 01:10 PM	Jun 26, 2018 02:00 PM	May 23, 2018 02:00 PM	May 23, 2018 02:30 PM	May 04, 2018 09:30 AM	Jul 10, 2018 12:30 PM	Jul 10, 2018 01:00 PM	Jul 10, 2018 01:30 PM	
Hardness (CaCO3)	mg/L	97	140	82	44	83	360	130	130	140	120	180	100	79	120	130	96	110	110	110	120	100	110	96	110	110	98	90	84	
Colour	TCU	3	<2	23	3	23	<2	12	13	12	13	<2	13	15	9	10	17	12	12	19	10	15	13	11	14	16	10	10	11	
pH		7.07	8.09	7.96	8.78	7.86	8.06	8.32	8.23	8.33	8.22	7.88	8.07	8.01	7.91	8	8.18	8.08	8.1	7.91	8.04	8.16	8.13	8.08	8.14	8.09	8.06	8.33	8.44	
Tannins & Lignins	mg/L	<0.2	<0.2	0.6	<0.2	0.6	<0.2	0.3	0.3	0.3	0.3	<0.2	0.5	0.4	0.2	0.3	0.5	0.4	0.5	0.5	0.4	0.4	0.4	0.3	0.4	0.5	0.3	0.3	0.3	
Turbidity	NTU	1.3	0.6	0.6	0.6	0.6	<0.1	0.9	1.1	0.7	1.3	0.4	1.8	0.5	1.1	2.8	0.4	0.8	0.6	0.8	0.3	0.7	1.1	0.9	0.4	1.5	2.2	0.5	0.5	
Alkalinity (Total as CaCO3)	mg/L	120	74	120	75	380	130	130		130	300	100			120	96	100	110	110	110	120	97	100	97	110	110				
Nitrite (N)	mg/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010												<0.010	<0.010	<0.010	<0.010
Nitrate (N)	mg/L	1.16	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.21			0.2												0.15	<0.10	<0.10	<0.10
Nitrate + Nitrite (N)	mg/L	1.16	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.21			0.2												0.15	<0.10	<0.10	<0.10
Dissolved Organic Carbon	mg/L	3	4.1	7.2	1	5	0.54	4.7	5.1	3.7	3.9	2.1	5	5	3.9	4.2	5	4.9	5	4.6	4.2	5	5.4	4.2	5.3	5.1	4.9	5	5.1	
Aluminum (Al)	ug/L	5.5	<5.0	45	45	78	<5.0	23	70	10	15	12	5.2	15	6.1	<5.0	60	100	20	<5.0	6.2	10	7.4	36	6.7	29	49	<5.0	6.1	
Antimony (Sb)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.84	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
Arsenic (As)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Barium (Ba)	ug/L	100	30	21	120	23	7.8	29	30	22	21	140	29	23	33	38	30	34	36	42	53	34	35	29	38	31	22	21	20	
Beryllium (Be)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
Bismuth (Bi)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Boron (B)	ug/L	23	18	10	460	<10	11	<10	<10	<10	<10	<10	<10	<10	12	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	13	14	15	
Cadmium (Cd)	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.23	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	
Calcium (Ca)	ug/L	32000	43000	25000	13000	25000	120000	48000	46000	53000	45000	65000	36000	28000	41000	45000	34000	37000	38000	38000	41000	35000	37000	33000	40000	38000	34000	31000	29000	
Chromium (Cr)	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Cobalt (Co)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
Copper (Cu)	ug/L	77	3.9	4.7	1.5	9.4	50	2.9	15	<1.0	190	54	140	7.4	150	200	39	25	8.8	300	130	93	44	53	100	3.3	3.7	15	5.4	
Iron (Fe)	ug/L	170	<100	210	<100	260	<100	<100	<100	160	<100	<100	150	190	150	440	<100	300	230	660	<100	120	<100	110	<100	230	150	<100	<100	
Lead (Pb)	ug/L	0.65	<0.50	<0.50	<0.50	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7	1.3	1.4	1.6	<0.50	9.6	1.2	3.1	1.4	0.85	<0.50	<0.50	0.92	<0.50	0.69	<0.50	
Lithium (Li)	ug/L	<5.0	<5.0	<5.0	12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	17	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Magnesium (Mg)	ug/L	4400	7800	4800	3000	4800	15000	3000	3100	2800	2700	4100	3500	2500	3300	3100	3000	3400	3200	3600	3300	3600	3400	3600	3500	3500	3100	3000	2900	
Manganese (Mn)	ug/L	7.1	3.1	15	18	18	4.8	52	44	11	26	60	19	9.1	26	62	19	94	73	380	480	21	23	28	3.2	23	41	11	17	
Molybdenum (Mo)	ug/L	<0.50	<0.50	<0.50	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
Nickel (Ni)	ug/L	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	1.8	<1.0	<1.0	<1.0	1.3	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Potassium (K)	ug/L	7400	2200	1300	1200	1400	1100	700	660	630	670	12000	1100	1500	1000	1100	1000	1000	1100	1100	1200	1100	900	1000	1200	1100	330	230	<200	
Selenium (Se)	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Silicon (Si)	ug/L	3200	1500	1700	4600	1600	6200	1500	1500	670	910	5500	1300	1100	1700	1400	1100	1500	1400	1200	1300	990	1700	940	1200	1400	3100	3600	3800	
Silver (Ag)	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	
Sodium (Na)	ug/L	22000	30000	16000	58000	16000	8500	4300	4700	4300	4300	76000	9000	7100	8700	16000	7700	8500	8200	9200	9200	7500	7600	7400	7900	8300	5600	5200	4900	
Strontium (Sr)	ug/L	150	160	93	320	94	250	120	110	110	110	100	39	100	87	110	100	100	120	110	120	100	100	100	130	120	110	96	92	
Tellurium (Te)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Thallium (Tl)	ug/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Tin (Sn)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	41	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Titanium (Ti)	ug/L	<5.0	<5.0	<5.0	5.9	5.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Tungsten (W)	ug/L	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Uranium (U)	ug/L	0.27	0.36	0.18	1.3	0.17	0.93	0.13	0.13	0.13	0.16	4.7	0.32	0.23	0.57	0.26	0.29	0.27	0.26	0.17	0.25	0.21	0.23	0.23	0.23	0.27	<0.10	<0.10	<0.10	
Vanadium (V)	ug/L	<0.50	<0.50	<																										