



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Regional Manager/Real Property  
Contracting/PWGSC  
Ontario Region, Tendering Office  
12th Floor, 4900 Yonge Street  
Toronto, Ontario  
M2N 6A6  
Ontario

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

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

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

**Comments - Commentaires**

**Vendor/Firm Name and Address**

Raison sociale et adresse du  
fournisseur/de l'entrepreneur

**Issuing Office - Bureau de distribution**

Regional Manager/Real Property Contracting/PWGSC  
Ontario Region, Tendering Office  
12th Floor, 4900 Yonge Street  
Toronto, Ontario  
M2N 6A6  
Ontario

Title - Sujet Warkworth Potable Water Elevat Tank	
Solicitation No. - N° de l'invitation EQ734-182412/A	Amendment No. - N° modif. 006
Client Reference No. - N° de référence du client R.068488.001	Date 2018-08-14
GETS Reference No. - N° de référence de SEAG	
File No. - N° de dossier PWL-8-41022 (003)	CCC No./N° CCC - FMS No./N° VME
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-08-16</b>	
Time Zone Fuseau horaire Eastern Daylight Saving Time EDT	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Dhanna, Sheila	Buyer Id - Id de l'acheteur pw1003
Telephone No. - N° de téléphone (416) 512-5855 ( )	FAX No. - N° de FAX (416) 512-5862
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Correctional Services Canada Warkworth Institution County Road 29 Campbellford, ON K0L 1L0 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

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## Questions and Answers:

Q: Section 40 05 61, Part 2, Section 2.4.3.1- Check and Flap Valve

We request that Cla-Val Model 585 Swing Check Valve and Model 584 Flex Check Valve to be accepted as an approved product. Cla-Val is a Canadian manufactured product located in Beamsville, ON and have been in existence for 56 years and employs over 50 workers making it one of the largest employers in Beamsville. Presently the specification requirements are for a swing check valve however the final part of the section requests a "Val-Matic Swingflex Check Valve" which is a not a swing check valve being instead a flexible disc check valve. Both Val-Matic and Cla-Val swing check valves have almost identical designs which have not changed in decades and perform the same. Additionally the flexible disc design for both Val-Matic and Cla-Val are again very similar design producing similar results. With this minor conflict within the specification we are questing both Cla-Val models to be accepted so that when exact requirements are determined after bid closing a Canadian manufactured valve may have the ability to be selected. In light of recent protectionary tariffs imposed by the US we implore you to consider Canadian manufactured product in this bid on Canadian soil keeping our economy and country strong.

We have approached the contracted consultant- CIMA and have made them aware of this single source check valve in the specification and are willing to work with them on any approvals necessary.

A:

Response:

Replace Section 40 05 61, clause 2.4.3 with the following"

- .1 Design valves in accordance with the following:
  - .1 Swing type, full body flanged type with a full size domed access cover and only two moving parts – flexible disc and the disc accelerator.
  - .2 Designed, manufactured and tested in accordance with AWWA/ANSI C508.
  - .3 The valve shall be suitable for cold working pressure of 1035 kPa minimum.
  - .4 Body and cover – ductile iron (ASTM A536 Gr. 65 45 12) or cast iron (ASTM A126 Class B) with removable top maintenance flange (gasketed or O ringed).
  - .5 Disc – steel coated hinge pin/disc with single moulded memory return Buna N (ASTM D2000-BG), hinge portion of disc nylon reinforced and warranted for 25 years, full flow area, and low head loss.
  - .6 Disc accelerator: Type 302 stainless steel.
  - .7 Fusion bonded epoxy lined interior and exterior, removable threaded plug at invert and on top of bonnet (to add indicators, limit switches or backflow device at a later date if required).

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- .8 Backflow actuator: Screw type, Buna N seal, stainless steel rising stem with T-handle to allow opening of valve during no-flow condition.
- .9 Mechanical indicator shall be provided to continuous contact with the disc to ensure accurate disc position indication.
- .10 Ends – ANSI B16.1 Class 125 flanges.
- .11 The valve shall be NSF 61 and NSF 372 for drinking water application.

Cla-Val series 584 flex check valve is an acceptable alternative to the Valmatic series 500 Swing-Flex Check Valve.

See spec section changes.

***Replace Specification Section 40 50 61 Process Valves and Operators Clause 2.4.3:***

Clause 2.4.3 ~~Check and Flap Valve~~

~~.1 Type V608 Swing Check Valve 50 mm to 600 mm:~~

~~.1 AWWA C508, 125-pound flanged ends, cast iron body, bronze body seat, bronze mounted cast iron clapper with bronze seat, stainless steel hinge shaft.~~

~~.2 Valves, 50 mm through 300 mm rated 1207 kPa and 350 mm through 600 mm rated 1035 kPa cold water, non shock. Valves to be fitted with adjustable outside lever and weight. Increasing pattern body valve may be used where increased outlet piping size is shown.~~

~~.3 Manufacturers and Products on the Contract Drawings:~~

~~.1 Val-Matic Swingflex Check Valve.~~

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***With the following:***

Clause 2.4.3 Design valves in accordance with the following:

- .1 Swing type, full body flanged type with a full size domed access cover and only two moving parts - flexible disc and the disc accelerator.
- .2 Designed, manufactured and tested in accordance with AWWA/ANSI C508.
- .3 The valve shall be suitable for cold working pressure of 1035 kPa minimum.
- .4 Body and cover - ductile iron (ASTM A536 Gr. 65 45 12) or cast iron (ASTM A126 Class B) with removable top maintenance flange (gasketed or O ringed).
- .5 Disc - steel coated hinge pin/disc with single moulded memory return Buna N (ASTM D2000-BG), hinge portion of disc nylon reinforced and warranted for 25 years, full flow area, and low head loss.
- .6 Disc accelerator: Type 302 stainless steel.
- .7 Fusion bonded epoxy lined interior and exterior, removable threaded plug at invert and on top of bonnet (to add indicators, limit switches or backflow device at a later date if required).
- .8 Backflow actuator: Screw type, Buna N seal, stainless steel rising stem with T-handle to allow opening of valve during no-flow condition.
- .9 Mechanical indicator shall be provided to continuous contact with the disc to ensure accurate disc position indication.
- .10 Ends - ANSI B16.1 Class 125 flanges.
- .11 The valve shall be NSF 61 and NSF 372 for drinking water application.
- .12 Manufacturers and Products on the Contract Drawings:

- .1 Val-Matic series 500 Swingflex Check

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Valve.

.2 Cla-Val series 584 flex check valve

Q: Are they the only values available & would be the only ones mentioned in the SPEC?

A: Both Valmatic and Cla-Val are acceptable.

Q: Is the change in the SPEC geared toward Cla-Val 584 flex check valve?

A: No. Original spec was written around swing check, with an outside lever and weight, not swing flex with internal flapper, as it should have been

Q: Are all the additional points (or are they already there?) required since you are only deleting Points 1 to 3 with replacements?

A: Yes, additional points are necessary, they are two different types of valve. Supplier is irrelevant.

Q: Section 40 90 01 1.2.8 – confirm if the flow transmitter will be mounted on a DIN rail within the panel or on the door of the panel

A: Mount the transmitter (and display) on the flow tube

Q: Section 40 90 01 1.2.18 flow meter- confirm the flanges are stainless steel or carbon steel.

A: Carbon steel

Q: Section 40 90 02 1.2.14 Pressure Transmitter – confirm Siemens DSIII pressure transmitter will be considered as approved equal manufacturer.

A: Siemens DSIII is acceptable

Q: Section 40 90 02 1.3.12 Pressure Gauges – confirm winters pressure gauges will be considered approved equal manufacturer.

A: Winter pressure gauges are acceptable

Decommission Wells 15-1 and 15-2 as described in the preliminary geotechnical investigation by Golder Associates. Wells to be decommissioned as per R.R.O. 1990, Regulation

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Q: Section: 09 97 13.13 - page 14 - Items 2.1.1.1.1 and 2.1.1.2.1

We request deleting the above-mentioned items as they specify/favor a particular manufacturer and product, whereas we understand that this is supposed to be a performance-based specification and especially that this material can be provided by several manufacturers.

A: To our knowledge only two manufacturers can comply with AWWA D102 ICS-3 for organic zinc primer, and epoxy top coat.

Vendors may bid either Tnemec as specified or equivalent by Sherwin Williams.

Q: Sect 09 97 13.23 - pages 14 and 15 - Items 2.1.1.1.1, 2.1.1.2.1 and 2.1.1.3.1

We request deleting the above-mentioned items as they specify/favor a particular manufacturer and product, whereas we understand that this is supposed to be a performance-based specification and especially that this material can be provided by several manufacturers.

A: To our knowledge only two manufacturers can comply with AWWA D102 ICS-3 for organic zinc primer, and epoxy top coat

Vendors may bid either Tnemec as specified or equivalent by Sherwin Williams.