



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions Travaux  
publics et Services gouvernementaux Canada  
Government of Canada Building  
101 - 22nd Street East, Suite 110  
Saskatoon  
Saskatchewan  
S7K 0E1  
Bid Fax: (306) 975-5397

**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**  
Public Works and Government Services  
Canada/Réception des soumissions Travaux publics et  
Services gouvernementaux Canada  
Government of Canada Building  
101 - 22nd Street East  
Suite 110  
Saskatoon  
Saskatche  
S7K 0E1

<b>Title - Sujet</b> Extraction Pump Replacement	
<b>Solicitation No. - N° de l'invitation</b> 21520-195509/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> 21520-195509	<b>Date</b> 2018-11-23
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$STN-205-5087	
<b>File No. - N° de dossier</b> STN-8-41015 (205)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-12-17</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Central Standard Time CST	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Baessler, Nancy	<b>Buyer Id - Id de l'acheteur</b> stn205
<b>Telephone No. - N° de téléphone</b> (306) 241-2826 ( )	<b>FAX No. - N° de FAX</b> (306) 975-5397
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

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STN205  
CCC No./N° CCC - FMS No./N° VME

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This amendment is issued to make the following changes to Request for Proposal 21520-195509/A:

DELETE: Part 2, **2.2 Submission of Bids**

INSERT: Part 2, **2.2 Submission of Bids** as follows,

Hard copy bids must be submitted only to the Public Works and Government Services Canada (PWGSC) Bid Receiving Unit specified on page one of the document.

Bids submitted via **epost Connect service provided by Canada Post Corporation** must be submitted using the Bid Receiving Unit indicated below by the date and time indicated on page 1 of the bid solicitation:

Bid Receiving Unit (BRU) Western Region, epost  
[ROReceptionSoumissions.WRBidReceiving@tpsgc-pwgsc.gc.ca](mailto:ROReceptionSoumissions.WRBidReceiving@tpsgc-pwgsc.gc.ca)

DELETE: **Annex A, Statement of Work and Compliance Matrix**

INSERT: Revised **Annex A, Statement of Work and Compliance Matrix**, as per attached.

INSERT: **Appendix 1 to Annex A** as per attached

All other terms and conditions remain the same.

## ANNEX "A"

### STATEMENT OF WORK and COMPLIANCE MATRIX

The Correctional Service Canada has a requirement to supply and install **(2) Hot Well Extraction Pumps** in Boiler House as per the specifications contained in the following Compliance Matrix, Minimum Mandatory Performance Specifications.

The work will involve the following:

#### 1.1 Background

- Both Hot Well pumps are nearing the end of expected service life without major maintenance overhaul.
- The Boilers which provide heat, hot water and steam for cooking to the institution, cannot run without these pumps.

#### 1.2 Objectives:

The objective of this project is to **replace existing recirculation valve on the discharge line** AND replace (2) Hot Well Extraction pumps with new ones.

#### 1.3 Tasks:

- Supply and Install (2) new Hot Well Extraction Pumps.
- **Replace existing recirculation valve on the discharge line**
- Waste to be removed by the contractor – including the (2) pumps being removed
- **Only one pump is to be replaced at a time. There must always be one pump running.**

#### 1.4 Deliverables:

The contractor must ensure that (2) pumps were replaced, that they are in working order and comply with Saskatchewan Boiler and Pressure Vessel Act, National Canadian Plumbing Code, National Canadian Building Code and Canada Labor Code.

#### 1.5 Location of work:

Saskatchewan Penitentiary  
Boiler House  
15<sup>th</sup> Street (West end of)  
Prince Albert, Saskatchewan

#### 1.6 Travel:

No travel is anticipated for this contract

#### 1.7 Language of Work:

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English

Refer to the Compliance Matrix for the complete performance specifications and instructions that must be satisfied in order for a bid to be deemed responsive.

## **DELIVERY**

Delivery and installation to be completed on or before **2019-03-31**.

## **COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS**

A complete list of the minimum mandatory performance specifications are detailed below in the "Compliance Matrix". Bidders are to clearly demonstrate compliance with each mandatory specification.

1. Bidders **must** show compliance by addressing each performance specification in the Compliance Matrix, whether the product offered "meets" or "doesn't meet".
2. Bidders are requested to indicate how they meet each performance specification by recording this information under the Performance Specification Offered column in the Compliance Matrix.
3. It is requested that supporting technical documentation, including but not limited to, specification sheets, technical brochures, photographs or illustrations be provided with the bid at solicitation close and be cross-referenced on the Compliance Matrix for each performance specification to outline where in the supporting technical documentation it demonstrates compliance. It is the Bidders responsibility to ensure that the submitted supporting technical documentation provides detail to prove that the proposed product(s) meet the requirements of the Performance Specification. If published supporting technical document is not available, the Bidder should prepare a written narrative complete with a detailed explanation of how its bid demonstrates technical compliance.
4. If the supporting documentation referenced above has not been provided at bid closing, the Contracting Authority will notify the Bidder that they must provide supporting documentation within two (2) business days following notification. Failure to comply with the request of the Contracting Authority within that time period, will deem the bid non-responsive and the bid will be given no further consideration.
5. Bidders must address any concerns with the performance specifications in written detail to the Contracting Authority before bid closing as outlined in the Request for Proposal (RFP) document.
6. Failure to meet each mandatory performance specification will result in the bid being deemed non-responsive, and be given no further consideration.

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### COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS:

Requirement:	Manufacturer Offered:	Model number Offered#:

Item #	Performance Specification	Status (M) Mandatory (O) Optional	Performance Specification Met? Indicate either Yes/No	Performance Specification Offered: Bidder should indicate how they meet the performance specification by recording this information in this column	Cross Reference: In this column, Bidders should cross-reference where this performance specification is indicated in their supporting documents.
1	Model H1110 discharge head	O			
2	Discharge size 4"	M			
3	Driver base 10"	O			
4	Head made of cast iron	O			
5	Shaft seal type – packing box with 316ss split packing gland	O			
6	Complete with a head shaft, head nut and gib key	O			
7	No sleeve for the headshaft	O			
8	Scotch Kole SK 134 coated ID only	O			
9	15" square x 1 3/8" thick steel base plate	O			
10	4" x 1" column assembly	O			
11	Sufficient for a 54.375 inch total pump length	M			
12	Pipe 4"	M			
13	Shafting 1", 416 ss	M			
14	Max column sections 5'	M			

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15	Shaft couplings 300 ss	<b>M</b>			
16	Centering spiders – no	O			
17	Epoxy coated ID and OD	<b>M</b>			
18	Model 6L10 bowl assembly	O			
19	Stages 8	O			
20	Design gpm 50	<b>M</b>			
21	Design Idh 100'	<b>M</b>			
22	Design rpm 1760	<b>M</b>			
23	Bowl mat'l cast iron/porcelain lined	O			
24	Impeller mat'l 416 ss keyed impellers	<b>M</b>			
25	Collet mat'l – none	O			
26	Sap screw mat'l 300 ss	<b>M</b>			
27	Bearing mat'l – carbon graphite	O			
28	Strainers – 304 ss basket	<b>M</b>			
29	Aluminum bronze wear rings	O			
30	Scotch Kote SK-134 coated OD only	O			
31	Bowl horsepower at design 2.5	O			
32	Maximum bowl horsepower 2.6	O			
33	Minimum NPSH requires is 8'	<b>M</b>			
34	Bowl efficiency 51	O			
35	Operating temperature of 80 degrees Celsius	<b>M</b>			
36	Specific gravity of .9712	<b>M</b>			
37	3 hp motor	<b>M</b>			

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38	Rpm 1800	M			
39	Enclosure TEFC explosion proof Division 1	M			
40	Vertical hollow shaft	O			
41	Phases – 3	M			
42	Frequency 60 Hz	M			
43	Voltage 575	M			
44	Non reverse ratchet	M			
45	1.15 services factor	M			
46	Efficiency – premium	M			
47	Waste to be removed by the contractor and disposed of at their discretion – including the (2) pumps being removed.	M			

# APPENDIX 1 TO ANNEX A - Drawing of Current Hotwell Pumps

DATE October 22, 2008  
 CUSTOMER Vor Inc Mechanical  
 JOB NAME Stantec Consulting

## General Arrangement Drawing

### DESCRIPTION

#### MOTOR

H.P. 3 MFR. US Motors  
 R.P.M. 1800 ENC. explosion proof  
 PHASE/CYCLE/VOLTS 3/60/575

#### DISCHARGE HEAD

TYPE HH10 SIZE 4" X 10"  
 DISCHARGE DRILLING ANSI class 125

#### SHAFT SEAL

TYPE packing box STYLE 316ss

#### COLUMN ASSEMBLY

PIPE SIZE 4"  
 PIPE MATERIAL .237"  
 SHAFT SIZE 1"  
 SHAFT MATERIAL 416SS

#### BOWL ASSEMBLY

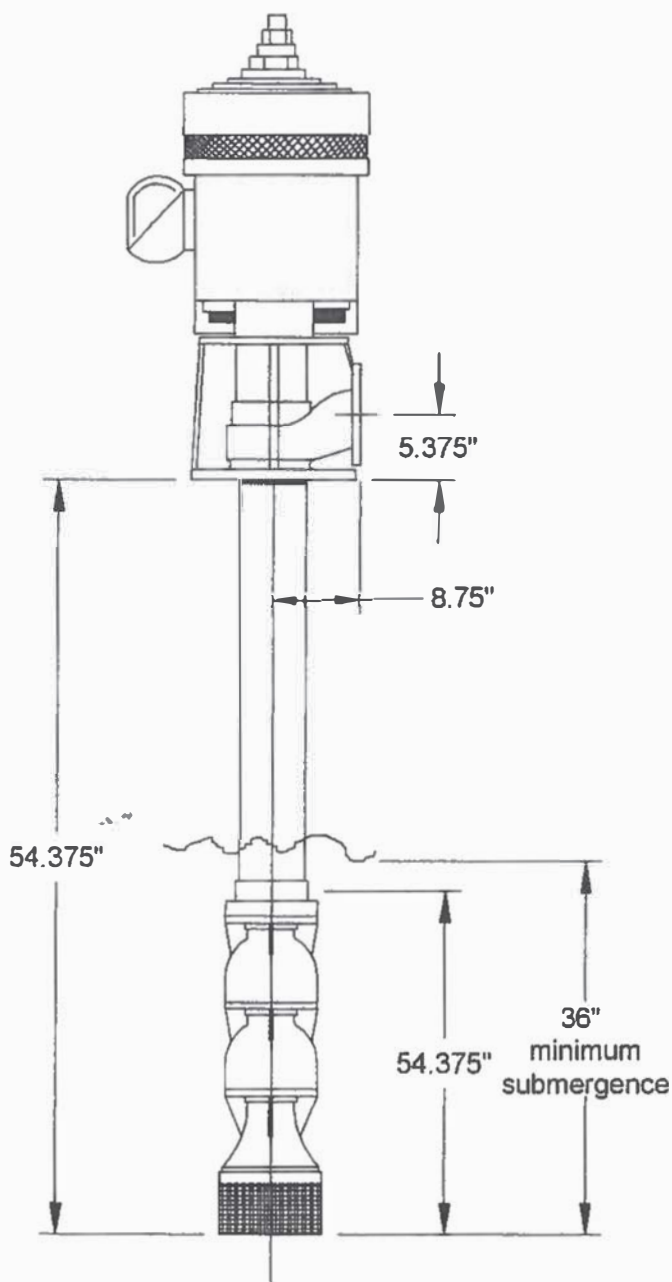
MODEL, STAGES 6L10, 8 stage  
 GPM @ TDH 50 gpm @ 100' tdh

#### MATERIALS:

BOWL cast iron  
 IMPELLER keyed, 416ss  
 SHAFT 416ss  
 BEARINGS carbon graphite

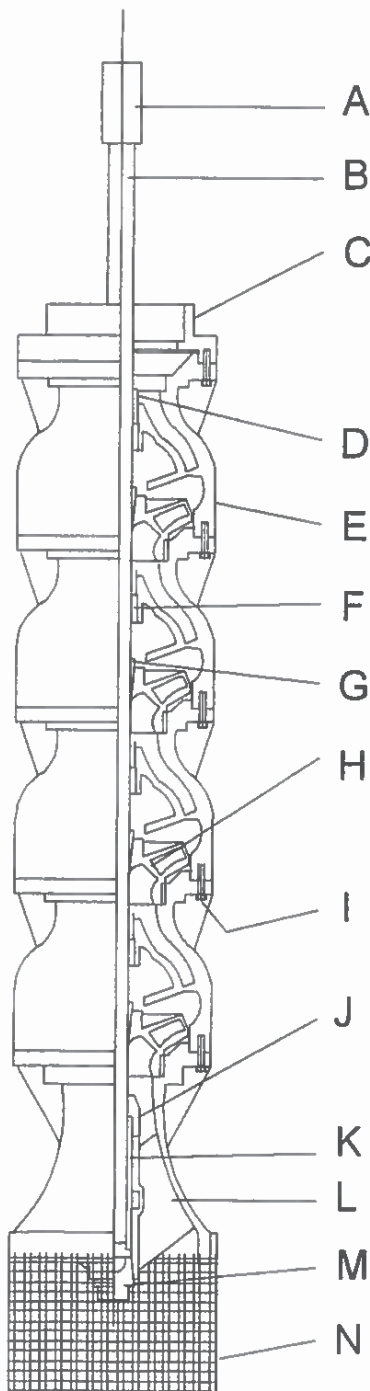
#### STRAINER

TYPE basket MATERIAL 304ss





## Bowl Material Drawing



6-L-10, 8 stage

	PART DESCRIPTION	STANDARD MATERIAL
A	SHAFT COUPLING	300ss
B	BOWL SHAFT	416 S.S.
C	COLUMN ADAPTER	48 CL 30, C.I.
D	BOWL BEARING	carbon graphite
E	BOWL	48 CL.30 C.I.
F	BOWL BEARING	carbon graphite
G	LOCK COLLET	none
H	IMPELLER	416ss
I	CAP SCREW	NA - THREADED BOWLS
J	SAND COLLAR	none
K	SUCTION BEARING	carbon graphite
L	SUCTION	48 CL.30 C.I.
M	PLUG	none
N	STRAINER	304ss



Number of Stages Required: **8**

# Performance Curves

(per stage - standard construction)

6-L-10

1760 RPM

March '98

N.P.S.H. Required, ft.

Hydraulic Thrust Factor,<sup>b</sup>  
lbs./ft. of head

10

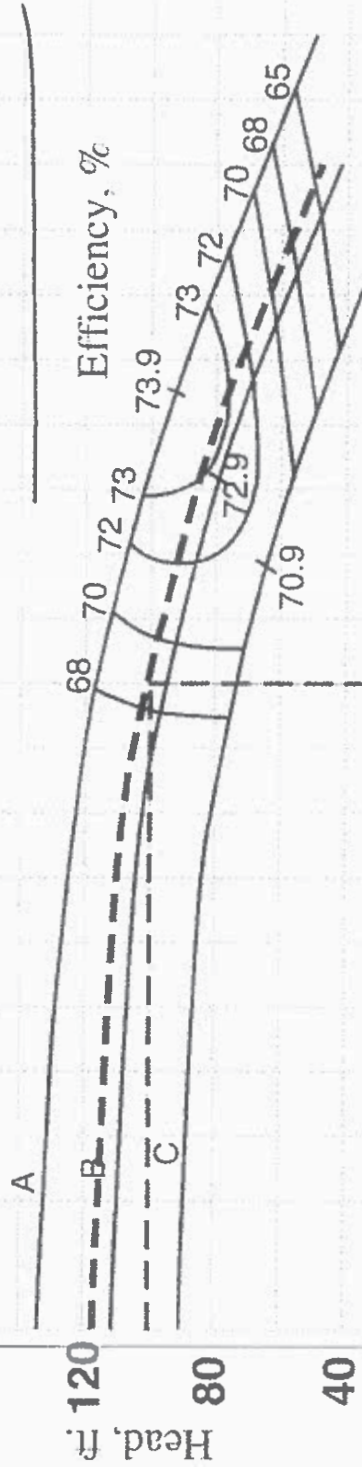
5

0

2

1

0



Bowl Power Input,<sup>a</sup> hp.

3.2

1.6

0

0

25

50

75

100

Capacity, U.S. g.p.m.

Bowl performance curves are nominal only and not guaranteed unless noted