



PROCUREMENT SERVICES SECTION

Surrey City Hall, 13450 – 104 Avenue, Surrey, B.C., V3T 1V8

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ADDENDUM #2

REQUEST FOR QUOTATIONS (RFQ) No. : 1220-040-2022-051

TITLE: RCMP Boiler Replacement

ADDENDUM ISSUE DATE: May 20th, 2022

CLOSING DATE: Prefer to receive Quotations on or before
May 27th, 2022

INFORMATION FOR CONTRACTORS

This Addendum is issued to provide additional information to the RFQ for the above-named project, to the extent referenced and shall become thereof. No consideration will be allowed for extras due to the Contractor not being familiar with this Addendum. This Addendum No. 2 contains twenty seven (27) pages in total.

1. Refer to Contract Drawings and Specifications:
 - (a) Refer to Attachment 1 – Mechanical Addendum#M-1 for extension of existing house keeping pad, installation of new hot water tank and re-balancing of heating water flow rates.

QUESTIONS AND ANSWERS:

Q.1. We would like to request the following information to properly quote this project:

PICTURES/SCREENSHOTS:

- Existing Boilers:
 - Front Picture
 - Side Picture (either one)
 - Back Picture
 - Piping associated to existing neutralization tanks
- New Electric DHW Tank:
 - 2 picture from different angles of the space where the DHW tank will be located

- Piping to connect to should be shown in the pictures
- Flue Venting and :
 - Raiser from boiler to ceiling level
 - Horizontal section (a couple of pictures)
 - Flue venting insertion to shaft/wall penetration
 - Combustion air ductwork shaft/wall penetration
- Shaft:
 - Picture of shaft...
- Building Elevation:
 - Provide a screenshot of a building elevation drawings (omit confidential information) where building heights can be observed
 - Boiler Room height
 - Shaft height
 - Roof top height
- Electrical:
 - Pumps and boiler panel

A.1. Reference Attachment 2 for available photos.

Building Elevation:

- Boiler Room height - ~ 15'
- Shaft height - ~ 40' from boiler room floor
- Roof top height - ~ 24' from exterior grade

Q.2. Regarding the installation of the flue venting, please confirm the following sequence is acceptable:

- Existing Refrigeration ductwork to be removed.
- Old flue venting to be removed
- New flue venting to be installed
- Existing refrigeration ductwork to be re-installed

A.2. We are open to any installation sequence that would facilitate the completion of the Work; Contractor to allow for all necessary provisions.

Q.3. Question: Maximum time allowed by the City of Surrey to not have Chiller EF operational?

A.3. For the shortest time possible.

Q.4. Confirm use of Vitaulic is accepted

A.4. Piping is to be welded.

Q.5. Confirm preference for welding (for such a small piping distance would be worth it on the long term)

A.5. Yes, piping is to welded.

Q.6. Confirm new flue venting supports must be installed at:

- Beginning of shaft
- End of shaft
- Mid Shaft

A.6. Venting is to be installed as manufacturers requirements. Flue duct shown on the drawings requires an anchor at the top and an anchor at the bottom of the shaft, in addition to a guide in the middle.

Q.7. As it was discussed in the site walk through, commissioning will be taken care of by the City/owner; please confirm.

A.7. Confirmed.

Q.8. Ref. Sperate price; Please provide Re-Circ pump spec.

A.8. Allow for Grundfos UPS 26-150 SF. Verify existing during construction and match.

Q.9. Whether Expansion tank to remain or to be replaced. If to be replaced, please provide spec. of the tank.

A.9. Expansion tank is to remain.

Q.10. Ref. Mechanical spec.; Dwg. #M-2; do Balancing valves and dampers are required. If yes, provide install location on drawing.

A.10. This question is under review.

Q.11. I see that the design shows common flue venting two Cat IV gas-fired appliances (CB CFCE-2000's) and so the boilers and venting should be supplied together for sole-vendor responsibility (to get TSBC approval)...[Fulton] Endura-2000 will work for the general design & common flue venting.

So, is the client married to the Cleaver-brooks brand or will they entertain boiler equals requests?

A.11. This question is under review.

Q.12. A separate price is requested to replace the recirculation pump like for like. May I ask for details on this pump such as a model number and size?

A.12. Reference Attachment 3 for pictures. ID#M10711 with 1-1/2" Volute.

Q.13. Separate price Note : Replace existing heating water re-circ pump like for like

- Could you please provide specs of the existing pump?

A.13. This question is under review.

– END OF ADDENDUM –

All Addenda will become part of the RFQ Documents.

TO	PROJECT	NO. OF PAGES	DISTRIBUTION
City of Surrey 13450 – 104 th Avenue Surrey, BC V3T 1V7	RCMP Boiler & HWT Replacement	1 Page(s)	<input checked="" type="checkbox"/> Owner
		DATE ISSUED	<input checked="" type="checkbox"/> Gen. Contractor
		May 18 2022	<input checked="" type="checkbox"/> Mech. Contractor
RE	ISSUED BY	PROJECT NO.	<input type="checkbox"/> Elect. Contractor
Extension of house keeping pad	Lovejit Buttar	21-195	<input type="checkbox"/> Resident Eng.
Water balancing		CONTRACT	<input checked="" type="checkbox"/> File
		Mechanical	<input type="checkbox"/> Other

1 GENERAL

- .1** This Addendum is issued prior to the closing of tenders to provide revisions or clarifications to the Work. The revisions and clarifications covered by this addendum shall be carried out in accordance with the requirements of the Specifications. The following addendum items shall become part of the Contract Documents.
- .2** Attachments:

2 EXTENSION OF HOUSE KEEPING PAD.

- .1** Contractor to allow for the extension of house keeping pad to allow for the installation of new hot water tank.

3 WATER BALANCING

- .1** Contractor to allow for pre-measuring of heating water flow rates. Heating water flow rates are to re-established at end of job.

End of Document

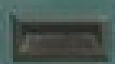
Attachment 2



EVOLUTION SOLUTIONS

EVOLUTION

CAUTION
DANGER: HIGH VOLTAGE
ELECTRICITY
DO NOT TOUCH
ELECTRICAL PARTS
UNLESS YOU ARE
PROPERLY TRAINED



01-1



Multiple informational labels and stickers on the lower left side, including a green one and a blue one.























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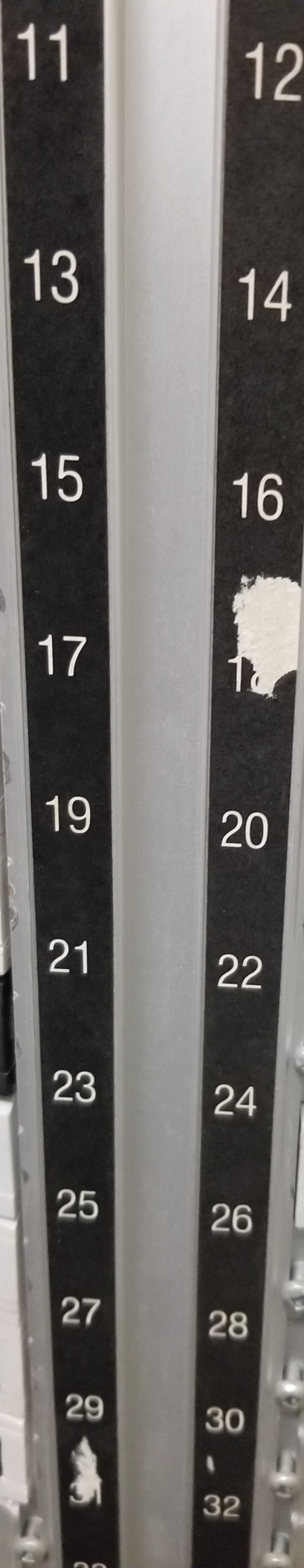
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GB PASSEGGIO
FRANCIA DI 8074
104V

ATTENZIONE: PER INFORMAZIONI SULLE CARATTERISTICHE E SULLA MANUTENZIONE DEL SISTEMA, LEGGERE IL MANUALE IN DOTAZIONE. IL SISTEMA DEVE ESSERE INSTALLATO DA UN TECNICO QUALIFICATO. IL MANUALE È DISPONIBILE IN ITALIANO, FRANCESE, SPAGNOLLO, PORTOGALLO, INGLESE, CATALANO, GALLESE, GALIZIANO, CATALANO, GALLESE, GALIZIANO, CATALANO, GALLESE, GALIZIANO.

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F.P.I.	F E D E R A L	
	P I O N E E R	
TORONTO, GRANBY P.Q., VANCOUVER B.C., TRURO N.S.		
AMP	225	240 MAX.
NO.		3 - 4
TYPE	NBLP 42B-4L	
		VOLTS Ø FILS WIRE
		Y78-032A-25

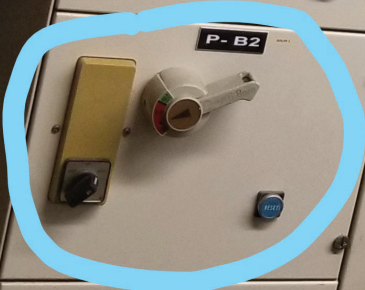
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MCC
MCCB
START
STOP
SURGE
DATE: 01/11/14

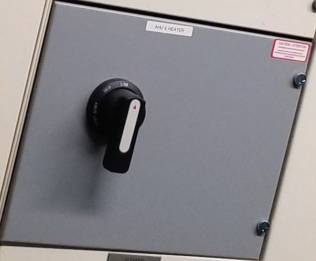
Klockner
MOELLER
Series 200 Motor Control Centre



P-B1



P-B2



No.	
1	Rec. Rm. 1089
3	Rec. Rm. 1091 +CO STROBES
5	Rec. Rm. 1090
7	Ext. Light
9	C-1 & C-2 1089 Control CCT & Drain
11	
13	
15	
17	ERT "
19	"
21	"
23	"
25	Air Dryer AD-1 1089
27	UPS A/C UNIT
29	FAN (HALLWAY)
31	Elevator 2
33	water motor
35	
37	
39	
41	
2	Rec. Rm 1092, 96
4	Rec. Rm 1094
6	Elev. Cab Lighting
8	Exterior Lighting Control
10	GM1 Parking Lot
12	GM2 Parking Lot
14	BSC Controls 1091
16	BSC Controls 1091
18	CHILLER ROOM
20	EXHAUST FAN
22	BOILER 2 41
24	
26	PUMP EPL-1091
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STANDBY
POWER

SD
208/120V 3P 4W

PANEL SD 120/208V	
DIRECTORY	
1	Rec. Rm. 100
3	Rec. Rm. 101
5	Rec. Rm. 102
7	Exit Rm.

Attachment 3



Bell & Gossett®

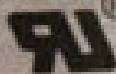
MORTON GROVE, ILLINOIS, U.S.A.

ALTERNATING CURRENT MOTOR

1/6 H.P. 1725 R.P.M. 1 PH. 60 Cycles

115 VOLTS 1.9 AMPS

CONT. RATING 40°C



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NO. M10711

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