

INVITATION TO TENDER NO. PS20180133

KERRISDALE COMMUNITY CENTRE DDC CONTROLS UPGRADE

**QUESTIONS AND ANSWERS NO. 1**

ISSUED ON FEBRUARY 28, 2018

Q1	MPZ controllers ok for LC500 replacement?
A1	<b>Yes. The Mach ProZone controller is a viable replacement for a LC500 controller.</b>
Q2	Valve list shows all valves as 1/2", but some mm sizes are 32mm. Are the mm sizes the correct sizes?
A2	<b>Sizes in mm are the correct ones. 32 mm = 3/4"</b>
Q3	Are the sizes on the valve schedule line size or valve size?
A3	<b>Valve sizes.</b>
Q4	Are radiant heat valves (on VAV's) modulating or 2-position?
A4	<b>Modulating.</b>
Q5	Are Belimo zone valves acceptable on Wall fins?
A5	<b>Contractor to confirm what Belimo model considered for zone valves.</b>

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Q6	Are Belimo CCV valves acceptable?
A6	CCV Ball valves are acceptable.
Q7	Is it acceptable to use temperature/occupancy combo sensors? (As opposed to standalone ceiling mounted)
A7	No, occupancy sensors shall be independent from temperature sensors.
Q8	Will building mechanical drawings be available to the controls contractor? (For graphic floor plates)
A8	Yes, existing mechanical drawings will be provided as existing. There were several renovations DDC contractor to confirm if updated.
Q9	Is browser-based access required for this upgrade? (MachPro-Web Controller)
A9	No. A MachPro Web controller will not be necessary for this site. Operator access will be with either client software or through enterprise web server (RC-WebView or Enteliweb).
Q10	There are new actuators, but are new dampers also required?
A10	New dampers are not required. If existing dampers are discovered defective during installation they are to be raised as a deficiency.