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**Questions and Answers:**

**Q: Beaver Creek G0 - Site drawings indicate that the fire alarm is terminated in building BC12 and the drawings indicates a direct line from BC03 to BC12. Is this the case or is there a manhole duct structure that it needs to be installed in?**

**A: See Site Services drawings.**

**Q: Fenbrook G1- Where does the fire alarm for this building terminate?**

**A: See Site Services drawings.**

**Q: Site drawing indicates that building FBR is to be re-located. Is there power, CCTV, telephone, data to this building to be relocated as well?**

**A: Only power will be moved.**

**Q: Fenbrook G0 - Site drawing indicates a manhole to terminate data, CCTV & telephone services; however it does not indicate which building we are to terminate these services.**

**A: See Site Services drawings.**

**Q: Site plan indicates to terminate power in the high & medium voltage substation area. Is there 600/347 Volt power available for us to terminate at this building?**

**A: See Site Services drawings.**

**Q: Joyceville G0 - Site note #6 indicates that power and data lines are to be relocated & service maintained. Can we get some indication of service size and which building these services feed to and from?**

**A: See Site Services drawings.**

**Q: There is no indication on the site drawings that indicates where existing manholes are and which building we are to terminate electrical, CCTV, data & telephone services at.**

**A: See Site Services drawings.**

**Q: Note 6 on drawing dated April 24 2012 indicates rerouting of communications and power. Is there additional information available? Type of cables?**

**A: CAT 5 or 6 Quantity?**

**Q: Where the cables are running to and from?**

**A: See Site Services drawings.**

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Q: Note 16 on drawing issued as part of addendum 11 indicates rerouting of video and power. Is there additional information available? Type of cables? Quantity? and where the cables are running to and from?

A: CAT 5 or 6. - see Site Services drawings.

Q: Joyceville G1 - Site note #16 indicates that video & power lines are to be relocated and services maintain. Can we get some indication of service sizes & which buildings need to be maintained?

A: All services to be maintained. See Site services drawings.

Q: There is no indication of site drawings that indicates where existing manholes are and which building we are to terminate electrical, CCTV, data & telephone services at.

A: See Site Services drawings.

Q: Millhaven G0 - Site drawing supplied does not indicate fire alarm connection point or where the closest manhole or duct bank is located.

A: See Site services drawings.

Q: Note 6 on drawing dated April 24 2012 indicates rerouting of communications and power. Is there additional information available? Type of cables? Quantity? and where the cables are running to and from?

A: Typically Cat 5 and 6. See Site Services drawings.

Q: Warkwarth: - Note 4 on drawing dated April 24 2012 indicates a relocation of a camera and stand. Can you provide details on the "stand" that is required

A: See Site Services Drawings.

Q: Bath Institute: - Note 5 on drawing dated April 24 2012 indicates underground CCTV and telephone cable to be relocated. Is there any additional information available for this. Type of cables? Quantity? and where the cables are running to and from?

A: Typically Cat 5 or 6. See Site Services drawings.

Q: General electrical: - The new site drawings issued in addendum 10 and 11 seem to be older drawings updated for this particular project. Are we to assume that only the numbered notes within the "box" apply to this project?

A: Yes.

Q: The specification states that we are to supply emergency standby power to the building if the entire electrical distribution system is currently connected to an existing standby generator. Can we get a list of facilities where this is required?

A: All sites currently have emergency power supplied by a generator so connecting to the institutions power supply will ensure they are on the generator as well.

Q: If emergency standby power is required to the building, can we get a list of what equipment is required to be connected to it. All the room data sheets indicate standard power supplies to each room including the telecom & LAN room, none indicate emergency power.

A: See above. All sites currently have emergency power supplied by a generator so connecting to the institutions power supply will ensure they are on the generator as well.

Q: The electrical specification state that the fire alarm and system is to match existing facilities manufactured equipment. It has been brought to our attention that the Warkworth location currently has obsolete equipment and several manufactures. Can we get a list of current manufactures at each facility and some direction of the requirements for the Warkworth location.

A: Not available until award. typically Siemens for FA.

Q: The specification call for us to connect to existing power distribution, fire alarm, PA system, etc. Will there be site visits at all locations?

A: For successful bidder - yes.

Q: What upgrades need to be done to the existing equipment to accommodate these new buildings?

A: No upgrades to existing systems are expected.

Q: Are the existing duct structures able to accommodate additional cables?

A: We assume yes.

Q: Can you please clarify if temporary fence detection is required, and if so, at what sites?

A: No FDS is required.

Q: As per the bidders conference it was said that temporary dismantlement of intermediate gates along fire access roads was allowed if they were reassembled within the working week.

A: This will NOT be permitted. Any opening in the fence would have to be secured each night. There is also Fence Detection cables and fibre optics as well as motion detection below grade that has to be maintained throughout the project. A gate could be installed and secured daily and at the end of the project the fence would have to be re-instated. Also - there are two layers of fence - they cannot both be open at the same time. If gates need to be removed to allow access for size - they must be replaced at the end of the day. Gates cannot be left dismantled due to operational/security issues.

Q: Are we required to provide temporary cameras while the existing CCTV cameras are being relocated?

A: Yes. It is expected that existing cameras are in place until the temporary camera is installed only then could the existing camera be removed.

Q: Please confirm that ALL concrete curbs and sidewalks is included in the UNIT RATE TABLE (TEA) and not included in the LUMP SUM AMOUNT (LSA). Including new curbs / walks and replacement of curbs / walks removed during the course of construction

A: This is correct.

Q: Please confirm that all asphalt paving is included in the UNIT RATE TABLE (TEA) and not included in the LUMP SUM AMOUNT (LSA). Including - Replacement of asphalt removed during the course of construction.

A: Yes

Q: Bath GO – “New paved area” and patching the existing parking lot around the new building in the existing parking lot.

A: Yes

Q: Beaver Creek GO parking lot.

A: Yes

Q: Fenbrook GO – re-routed fire access road.

A: Yes

Q: Please confirm that all hydroseeding for landscaped areas is included in the UNIT RATE TABLE (TEA) and not included in the LUMP SUM AMOUNT (LSA).

A: Yes

Q: The RFP indicated that the GC will not be able to claim any extra compensation for the “minor changes” to the work that arise from Canada (the owner) giving additional instructions which are not inconsistent with the contract. Please clarify, or quantify what is meant by a ‘minor change’ to the work.

A: All changes arising from the Crown will be compensated even if minor.

Q: General Contractor to tender to municipal authority an amount equal to all fees and charges that would be due in respect of building permits. Typically, the GC is not responsible for the building permit. Please clarify what permits are expected to be secured by the GC.

A: A building permit for each building or each site is required to be sought by the GC. The price for the Building permit is to be carried by the GC. If the municipal authority does not require a permit, then the GC must get that in writing and credit the amount of the building permit back to the Crown.

Q: GC Section 3.4(1) of the RFP indicates the soils report are provided for information purposes only and General Contractor must complete their own investigations in determining soils conditions. The GC will have to carry inspection costs in addition to the cost associated with risk. The GC is not entitled to claim for any additional compensation. However GC Section 6.2(8) of the RFP says Canada does not warrant the content expressed in any subsurface report that is not part of the RFP and contract documents. Please clarify what the intent of the issued soils reports.

A: The soils reports have been provided for your use. The GC would only have to conduct soils investigations for work not in the current scope of work. This would be compensated.

Q: Amendment No 11 indicates that an additional two GI buildings are to be constructed at Bath RTC and Joyceville as part of this RFP. Please clarify that a second GI building is being built within the secured fencing for both Regional Treatment Centre at Bath and Joyceville.

A: There is only one GI at the Bath RTC and one GI at Joyceville. Total number of building is 11 (eleven)

Q: Can you please confirm if a Storm Management Plan is required for all of the sites.

A: Not required. Design is to ensure that site grading incorporates existing storm management conditions.

Q: We would like to request pictures from each site of the following: GI and GO site locations

Sally Port Gates, as well as any intermediate gates along fire access road.

Fire access roads in close proximity to buildings.

This would allow General Contractors to see any obstacles or additional scope that may not been seen from drawings and therefore provide a complete package.

A: The site services plans provide adequate information for these issues. Photos will not be provided for this.

Q: The specification calls for "P/A zone modules and Amplifiers to match existing equipment". Please confirm the existing equipment installed is at each project location.

A: See Site checklists provided.

Q: Please specify the floor loading requirements for the GO storage room. This should account for the type of forklift that will be used in the warehouse, as this will add the additional load to the floor.

A: Floor design loads: 4.8 kpa for general uses, 7.2 kpa for storage, mechanical or warehouse.

Q: Please provide the type of forklift and the approximate weight.

A: Floor design loads: 4.8 kpa for general uses, 7.2 kpa for storage, mechanical or warehouse.

Q: Development of proposed DB schematic drawings – are based on the current survey information provided by PWGSC . As successful bidder it is anticipated that we will be expected to validate accuracy of information following project award and upon accessing each of the sites. Variations to the information provided will be addressed per site and final findings. Kindly confirm.

A: Yes DB will be required to confirm information and Crown will facilitate site visits.

Q: Wall/Roof Assemblies clarification

Amendment#08, attachment 038 – Prefabricated steel Buildings

State that Roof assembly is to be R36 and Wall assemblies are to be R28 which is compliant with OBC SB-10

Amendment #05,attachment#29 - Building design walls/Roof

States that we are to design to the latest NBC 2010 code

Turnkey Project Manual (pp 46 and 47) states Roof to be RSI 6 (R34), and wall insulation to be RSI 3.5 (R20)

For non-prefabricated building wall/roof assemblies could you please clarify if we are to adhere to NBC 2010 code and that assemblies with Wall @ R20 and Roof at R30 are acceptable?

A: Use NBC 2010.

Q: Amendment#05 –

Q- Building tight to adjacent buildings;

A- Contractor to provide solution; (Typ- on several locations)

As contractors we can address construction restrictions not to impact existing buildings based on existing building info and defined proximity. At this point we have no info re: existing buildings. Will there be any protection required other than construction fencing separation?

Based on NBC 2010, Proximity and occupancy of existing building with new building, are factors in Calculating limiting distance provisions for new building. With no information provided on existing buildings and no defined proximity of proposed new building to existing, our design team can only address this matter by assuming the building will be located far enough, so that no special provisions need to be made on wall rating and building access due to limiting distance provisions. Please confirm.

A: DB should be able to scale distance between existing and proposed buildings.

Q: Elevator - Will it be acceptable to use a Machine-Room Less, Hole-Less Hydraulic Elevator in lieu of Electrical Traction Elevator considering that it matches all other required specs?

A: Yes.

Q: Amendment #10 – Site plans issued call for New parking areas at Go sites for Bath and Joyceville. Is construction fencing required to be installed during the execution of the new parking lot work?

A: Yes.

Q: Building Structure— Second floor deck - is the use of core slab with topping on structural steel framework acceptable?

A: Up to DB structural engineer.

Q: Staging area – is not defined in all cases – could you please clarify?

A: While it may not be defined a staging area will be provided - typically outside the perimeter fence.

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Q: Temporary site services - Will temporary access to existing site utilities be made available for temporary use during construction? i.e. Power, water

A: No.

Site landscaping and site works – Appendix A – performance specs

- Section 2 – Civil Performance specifications

- Item 4 - makes reference to Civil layout and Pavement Design drawings

This document was not part of the RFP. Will this be issued?

Q: No. Use OPSD for pavement design.

Q: Could you clarify the extent of the site works expected relative to each site?

A: No. it is dependent on the building location - hence the unit price tables.

Q: Is the civil site works to be part of the bid price or is the intent to be covered later based on the unit rates provided?

A: Unit price tables and previous answers. Some work is included in the Lump Sum Amount - ie. parking lots identified on the PDF drawings are to be included.

Q: Item 2.13 page 34 - References – "Concept site design drawing"? This was not part of the RFP. Will this be issued?

A: The site layout PDF's that were issued and the generic floor plans are the concept design drawings.

Q: What is the existing water flow capacity at each site for fire protection system usage?

A: Information not available. This will be assessed by the engineers of the Design-Builder after award.