

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
Professional and Technical Services, Real Property Services Branch, Pacific Region

Palace Grand Theatre
Dawson City, Yukon
Project # R.068835.001

Addendum #E-001
2016-Nov-11
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The following changes in the tender documents are effective immediately. This addendum will form part of the Contract documents.

1. Clarifications:

The following are responses to queries submitted during the tendering period:

1. Question: *Bypass Timer for stage smokes that will bypass devices until set time, when that time expires the system will clear automatically. We usually program specific bypasses that when activated are latching and keep a trouble on the system until the bypass is manually cleared. We can target individual devices not a problem but from a safety point it keeps the system in trouble until someone manually clears the bypass and confirms the system is clear. Also takes out the risk of something running late and the timer kicking out early, failure of the timer or the timer was forgotten about. Can we ask the engineer if this will be acceptable and if not we will need to see what we have that is ULC approved for this function.*

Response: If automatic reset of the trouble signal is not ULC approved then the trouble will have to be reset manually.

2. Question: *Winter Off Season Disable for deluge – Bypassing devices to prevent false alarms during the off season but not creating a trouble signal is not in the design parameters of the fire panel. We have confirmed with our programmers that anytime you take a device from its normal state and disabled or bypassed, the panel is looking for that change and will generate a trouble and it will not be possible to alter the internal programming. We can again program the panel as a bypass option that will keep the system in trouble but from a safety point this might be one request that the panel is not designed for.*

Response: This question is addressed in the items following.

2. Amend/revise the specifications as follows:

ITEM	DESCRIPTION
E1.	General Reference to drawings and specifications: <ol style="list-style-type: none">1. All references included in the specifications to a "Class A" fire alarm system, or an equivalent term, shall be read as "Class B".2. With respect to the interruption capacity of electrical equipment: Series rated equipment is acceptable.3. Exhaust fans ef-1 and ef-2 are to be reduced in size to ½ hp. All related VFD's and equipment must accommodate changes in motor size by addendum.4. Provide power to fire curtain motor and emergency battery backup.

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E2. Reference specifications section 26 24 20.2.1:

Power supply: 120/208V 3-phase, 4 wire, grounded neutral, 60 Hz supplied from college existing main service, ampacity rating as indicated.

Revise to read

Power supply: 120/208V 3-phase, 4 wire, grounded neutral, 60 Hz supplied from existing utility pole, ampacity rating as indicated.

E3. Reference specifications section 28 31 01:

Redact the following from the specifications and scope of work:

Clause 4.4.3: "In Winter Mode the system will prevent a trouble signal from the deluge system valve which will be closed during the winter season."

All of clause 4.5.

E4. Reference specifications section 28 31 01.2.2.2.12:

Revise to read

Clause 2.2.2.12: Send alarm signal to remote location via dual path communicator.

E5. Reference specifications section 28 31 01.2.7.3:

Revise to read:

- .1 Supply and install one ULC dual-path fire alarm communication module. Module shall utilise copper telephone and cellular networks.*
- .2 Use of proprietary software or programming will not be approved.*
- .3 Installation and verification of the communicator shall be performed by a ULC listed company. Coordinate with the Owner to use existing or preferred monitoring company, if possible. All costs of material, installation, and verification shall be included in the Contractors price.*
- .4 System shall be turn-key; the services of the Monitoring Company may continue to be retained by the Owner, or switched to an alternates, upon completion of the project.*
- .5 Provide a copy of the verification report to the Engineer for review.*

E6. Reference specifications section 28 31 01.2.11.8:

Redact the following clause from the specifications:

“Base Isolation Modules are required for each detection (heat/smoke) device.”

E7. Reference specifications section 28 31 01.4.4:

1. Building smoke detection to consist of 6 conventional zones:

1. Main Floor
2. 2nd Floor
3. 3rd Floor
4. Stage
5. East Stairwell
6. West Stairwell

These zones are conventional zones reporting to addressable Notifier FMM modules. Each zone to be equipped with a winter mode switch consisting of a switch end-of-line resistor and a pilot light.

3. Amend/revise the drawings as follows:

ITEM	DESCRIPTION
E8.	Reference to drawing E1 of 7: <ol style="list-style-type: none">1. Contractor to allow for removal of exterior lights, conduits, service equipment, power outlets, and other electrical equipment to allow for siding replacement and exterior work in the bid price, remove complete until new siding is installed, use extension rings if required.2. Contractor to allow for sprinkler connection water gong removal to allow for siding replacement and exterior work. Remove complete with wiring until work is complete and re-install once new siding is installed, use extension rings if required complete with testing and verification. Allow for all testing and verification in the bid price.
E9.	Reference to drawing E2 of 7: <ol style="list-style-type: none">1. Existing car plugs are fed from the mechanical room via Teck 90 cables dropped down to the crawl space to a JB and stubbed out to feed the car plugs, contractor to disconnect and relocate as required until work of other trades is complete allow for re-install complete with deflection requirements (drawing E6 general note 1) testing for functional system, allow for 8 car plugs work in the bid price.2. Most of the electrical devices in the building feed through the crawl space. In most of the areas the conduits and wiring are required to be removed to allow for the work of other trades on the floor and crawl space. Contractor is encouraged to visit the site to familiarize themselves with the scope. Allow for all work in the bid price for complete operational systems. All work must be coordinated with other trades.3. Replace all existing crawlspace receptacles with new receptacles and covers.

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Replace breakers with GFCI breakers for existing circuits.

4. Contractor to install one (1) extra crawlspace duplex receptacle with GFCI protection near access hatch on gridline C.
5. All heat trace to be 120V, 15W/m. Locate sensor on pipe under insulation on opposite side from heat trace.
6. Lighting symbols shown without numbers indicate existing lighting.
7. Stair and circle rope lighting to consist of individual strips for each tread. Conceal low voltage connection out of sight, making all low voltage splices under the stairs or the circle. Install transformers as shown on detail 3/E2.

E10. Reference to drawing E3 of 7:

1. Contractor to provide mechanical room layout showing all locations of old equipment and locations of new equipment. Layout to include coordination plans for re-insulation of the mechanical room walls. Obtain Engineers approval of plan prior to rough-in.
2. Existing junction boxes with labeled terminal strips for dimmer circuits to remain.
3. Contractor to locate heat trace controllers in mechanical room.
4. Two (2) 2500W baseboard heaters in mechanical room shall instead be four (4) 1125W 208V baseboard heaters. One baseboard heater to be located beneath the fire alarm panel.
5. Contractor to allow for disconnection and reconnection of Sola power conditioner located in the mechanical room.

E11. Reference to drawing E5 of 7:

1. Zone 3 is to be ignored due to the deletion of the deluge system. Zone 5 shall be revised to read as "Sprinkler Low Air".
2. Reference to detail 3/E5:
Zones indicated by fire alarm riser are a guideline. Show all changes on as-built drawings.
3. Contractor to allow for additional zone for fire curtain. Fire alarm shall be initiated by the activation of the fire curtain. Electrical power may be required to supply fire curtain activation system. Fire curtain must meet the following functional requirements:
 - .1) Automatically upon sprinkler activation.
 - .2) Automatically upon fire alarm system activation.
 - .3) Manually by remote control device located at the curtain control panel and at each side of the stage.
4. Stage heat detectors are to be eliminated from the scope of work as they were a part of the deluge system.

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E12. Reference to drawing E6 of 7:

1. Reference to scope of work lighting note (2) on layout E6:

In areas not described above contractor is to supply and install new lamps in burnt out or inoperable light fixtures, as determined on site by the contractor.

Drawings revised to read (and shall rule over clauses within specification):
The contractor is to replace all inoperable lamps.

4. Attachments:

1. Addendum Sketch – Two (2) panel schedules and single line diagram.

END OF ADDENDUM
