

ADDENDA
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Electrical Addendum #E-01

The information listed below is to form part of the Contract Documents. All associated costs are to be included in the Bid Price shown on the Bid Form. Acknowledgment of this Addendum, by number, is to be shown in the space provided on the Bid Form.

1 ELECTRICAL QUESTIONS

Please see list of Electrical questions from a Contractor.

Question #31 (Electrical part only):

4) The specification section 28 23 01 subsection 2.7 and 2.8 mentions the supply of POE switch and UPS but the drawing 9/E-8 does not mention this. Please confirm if we have to consider supply and installation of the POE switch and UPS.

ANSWER:

POE Switch & UPS are NOT required

5) Please confirm what type of exit signs are required on site - either Type X or Type X1?

ANSWER:

All Exit Lights currently shown on the Plans are to be Type 'X' (the Addendum will require ONE (1) Spare Type 'X1 which is the only Type 'X1' required)

6) Is any new lighting control like Lutron or Watstopper required during this project?

ANSWER:

Dimmers are local only, there is no Dimming System

7) Are dimmer switches for local control or connected to lighting control?

ANSWER:

Dimmers are local only, there is no Dimming System

Question #30:

1) Confirm this job is being done in 3 separate phases & is there a substantial break between phases?

ANSWER:

Phasing is as per the Architectural Documents and/ or Prime Contractor

2) Can we get the actual breakdown of the phasing c/w the breaks between them, 3 phases are mentioned but the security area also has Phase A, B, C & D, we need this info for verification purposes that need to be completed before turning each area over to the Hospital?

ANSWER:

Phasing/ Scheduling is as per the Architectural Documents and/ or Prime Contractor

3) Confirm the work inside the hoarding can be done during normal business hours & any work outside the hoarding & electrical shutdowns are after hours as arranged with the Hospital?

ANSWER:

For Electrical, yes

4) Confirm the lighting controls consist of 120v line voltage dimmers that only control the fixtures locally?

ANSWER:

Dimmers are local only, there is no Dimming System

5) Confirm that we should reuse the existing lighting circuits for all the new lighting?

ANSWER:

Confirmed

6) In the Luminaire List are the exit lights supposed to be "X" or "X1"?

ANSWER:

All Exit Lights currently shown on the Plans are to be Type 'X' (the Addendum will require ONE (1) Spare Type 'X1 which is the only Type 'X1' required)

7) In the Luminaire List there's a "LE" fixture however I can't find this on the drawings?

ANSWER:

Agreed, there are no Type LE Luminaires on this Project

8) On drawing E-8 detail #7 confirm all the new fire alarm devices require new wiring back to the DGP, some notes contradict this?

ANSWER:

Confirming it is required that all new Fire Alarm Devices are to be wired, in conduit, to the existing DGP

9) On drawing E-6 detail #3 drwg note #3, which electrical panel should we use to feed the new Key Scan Control Panel?

ANSWER:

For Bidding purposes, assume KeyScan Panel is to be fed from new LP-'7-GE-X (and we assume you mean Drawing E-4)

10) On drawing E-6 detail #3 drwg note #4 where is the Security Switch, I don't see this in the details?

ANSWER:

The Security Switch is existing and is in Room #AG-257 (see Drawing E-7 for location)

11) On drawing E-6 detail #3 drwg note #7, is this electric lock 120v & supplied & installed by the hardware contractor?

ANSWER:

Intention is that the Electric Lock is provided by the Hardware Division

12) On drawing E-6 detail #3 drwg note #5, can we get a wiring drawing for the PTZ controls being relocated? Also, as part of this drwg note #5 there are 3 monitors being relocated however on drawing E-8 detail #9 there are only 2 monitors shown, please advise.

ANSWER:

We don't have a Wiring Schematic for the existing, suggest you ask the Security Sub-Contractor if they can provide something. There are only two CCTV Monitors, this will be confirmed in this Addendum

13) Confirm that any removal & relocation of the monitors is by the Hospital, drawing E-6 drawing note #5.

ANSWER:

Removal/ relocation of the existing Monitors should be included in the Security Sub-Contractor Scope

14) On drawing E-2 detail #3 drawing note #2, we are to relocate the TV outlet c/w extending the cable. Is this a coax cable & can it be spliced or replaced, also if it needs to be replaced where is the head end & should the Network TV contact be involved?

ANSWER:

Assume it is a RG-59U Coax Cable and that it can be spliced

15) On drawing E-5 detail #3 drawing Note #2 we are to extend the comms cable to the backboard in room AG281, however the note indicates the backboard is in room AG275A, please advise.

ANSWER:

The Telephone Backboard is in Room #AG-275A as shown on the Plan

16) This reference appears again on drawing E-5 detail #1 drawing note #3?

ANSWER:

The Telephone Backboard is in Room #AG-275A as shown on the Plan

17) On drawing E-2 detail #3 drawing note #6 we have to relocate the PTZ camera controls (conduit & wiring), can we get a wiring diagram of this so we know what we're dealing with?

ANSWER:

We don't have a Wiring Schematic for the existing, suggest you ask the Security Suib-Contractor if they can provide something.

18) On drawing E-6 detail #3 drawing note #3, where should we feed the new Key Scan Access control Panel from?

ANSWER:

For Bidding purposes, assume KeyScan Panel is to be fed from new LP-'7-GE-X (and we assume you mean Drawing E-4)

19) On drawings E-4 & 5 detail #1, confirm there aren't new Headwall units & all our electrical devices are mounted directly in the wall?

ANSWER:

There are no Headwall Units, all electrical devices are to be mounted in the wall

20) On drawing E-4 detail #1 confirm the clocks require a 120v direct connection as indicated.

ANSWER:

Confirmed

21) On drawing E-4 detail #1 there are 2 PA speakers which are noted in the drawing E-1 legend but not shown on drawing E-9 detail #3, please advise.

ANSWER:

PA Speakers for Room #AG-121A will be added to Detail #3 on Drawing E-9

22) On drawing E-5 detail #3 drawing note #3 indicates that the new fire alarm devices are to be connected to the existing fire alarm circuits, can you confirm if there's a strobe circuit in the area & if so, where?

ANSWER:

Assume there is a Strobe Light Circuit available in the existing DGP and the new Strobe Light/ Speakers will need to be wired back to the DGP

23) On drawing E-4 detail #1 in clean room AG218B both doors have 15a 120v emerg circuits but only 1 door has access control, please advise.

ANSWER:

The Circuit in Room #AG-121A is for the Access Control into Room #AG-121 (the Exit Room)

24) On drawing E-4 detail #1 drwg note #11 can we get a wiring diagram of how these ties into the Decontamination System; also confirm these lights are supplied & installed by Mechanical as noted?

ANSWER:

Electrical provides the circuit only, wiring for the Light System is by Mechanical

25) On drawing E-4 details #1, 2 & 3 can we get the room numbers of the patient care rooms that will need the receptacles tested?

ANSWER:

Room #AG-121A is the only Patient Care Room (Intermediate Patient Care) involved on this Project

26) On drawing E-8 details #2, 3 & 4 each door has a door operator which is usually separate from the card access & has 2 push plates to activate it, however there is only 1 actual door operator indicated on drawing E-4 detail #1, please advise.

ANSWER:

Add a separate, dedicated emergency power circuit for the Access Control at the double door entering/exiting Room #AG-121A from the exterior

Question #28:

1) The specification section 28 23 01 subsection 2.7 and 2.8 mentions the supply of POE switch and UPS but the drawing 9/E-8 does not mention this. Please confirm if we have to consider supply and installation of the POE switch and UPS.

ANSWER:

POE Switch & UPS are NOT required

2) Please confirm what type of exit signs are required on site either Type X or Type X1?

ANSWER:

All Exit Lights currently shown on the Plans are to be Type 'X' (the Addendum will require ONE (1) Spare Type 'X1', which is the only Type 'X1' required)

3) Is any lighting control like Lutron or Watstopper we have to include?

ANSWER:

Dimmers are local only, there is no Dimming System

4) Are dimmer switches for local control or connected to lighting control?

ANSWER:

Dimmers are local only, there is no Dimming System

Question #27:

1) Please provide which is emergency panel to be connected for circuit of drawing note #6, #7, #8, #9, #10, #11 on 1/E-4 and drawing note #6, #7, #8 and circuit for 'Access control key scan panel' on 3/E-4.

ANSWER:

These circuits are to be connected to NEW Breakers added in LP-'7-G-EX'

2) Please provide the panel schedule for all the panels to be connected.

ANSWER:

These are not available

3) Who is responsible for headwall (supply and installation) in decontamination room?

ANSWER:

There are no Headwall Units, all electrical devices are to be mounted in the wall

4) Who is base building contractor for intercom system.

ANSWER:

As we understand the Intercom is being included by the Security System Sub-Contractor

5) All the receptacles shown in Drawing E-4 should be hospital grade rated?

ANSWER:

Yes

6) Key scan panel shown on drawing 3/E-6 is located room AG275, is different with 6/E-8 in room AG279, please confirm which one is correct.

ANSWER:

KeyScan Panel is to be installed in Room #AG-275

7) Analogue telephone cable home run to backboard in room #AG-281 on drawing E-5, different with 8/E-8 backboard room #275A, please confirm which one is correct.

ANSWER:

Telephone Cabling is to be routed to Room #AG-275A

8) What is location of intercom control equipment in ceiling space?

ANSWER:

Yes, presumably/ near the Master Station

9) The specification section 28 23 01 subsection 2.7 and 2.8 mentions the supply of POE switch and UPS but the drawing 9/E-8 does not mention this. Please confirm if we have to consider supply and installation of the POE switch and UPS.

ANSWER:

POE Switch & UPS are NOT required

10) Please confirm what type of exit signs are required on site either Type X or Type X1?

ANSWER:

All Exit Lights currently shown on the Plans are to be Type 'X' (the Addendum will require ONE (1) Spare Type 'X1 which is the only Type 'X1' required)

11) Is any lighting control like Lutron or Watstopper we have to include?

ANSWER:

Dimmers are local only, there is no Dimming System

12) Are dimmer switches for local control or connected to lighting control?

ANSWER:

Dimmers are local only, there is no Dimming System

Question #21:

Please provide contact information for base building contractors:

- Building Automation System (BAS) **as per the Mechanical Spec, Johnson Controls**
- Fire Alarm **as per the Electrical Spec, Chubb Edwards**
- Security/Video Surveillance **as per the Electrical Spec, OHM Security**
- Communications **as per the Electrical Spec, there is no specific Cable Installer with the need for the installer to be Certified for installing Beldon Cabling**
- Nurse Call **as per the Electrical Spec, Rauland supplied by Aatel Communications**

Question #19:

Are dimmer switches for local control or connected to lighting control?

ANSWER:

Dimmers are local only, there is no Dimming System

Question #18:

Is any lighting control like Lutron or Watstopper we have to include?

ANSWER:

Dimmers are local only, there is no Dimming System

Question #17:

Please confirm what type of exit signs are required on site either Type X or Type X1?

ANSWER:

All Exit Lights currently shown on the Plans are to be Type 'X' (the Addendum will require ONE (1) Spare Type 'X1 which is the only Type 'X1' required)

Question #16:

The specification section 28 23 01 subsection 2.7 and 2.8 mentions the supply of POE switch and UPS but the drawing 9/E-8 does not mention this. Please confirm if we have to consider supply and installation of the POE switch and UPS.

ANSWER:

POE Switch & UPS are NOT required

Question #14:

1) The specification section 28 23 01 subsection 2.7 and 2.8 mentions the supply of POE switch and UPS but the drawing 9/E-8 does not mention this. Please confirm if we have to consider supply and installation of the POE switch and UPS.

ANSWER:

POE Switch & UPS are NOT required

2) Please confirm what type of exit signs are required on site either Type X or Type X1?

ANSWER:

All Exit Lights currently shown on the Plans are to be Type 'X' (the Addendum will require ONE (1) Spare Type 'X1 which is the only Type 'X1' required)

3) Is any lighting control like Lutron or Watstopper we have to include?

ANSWER:

Dimmers are local only, there is no Dimming System

4) Are dimmer switches for local control or connected to lighting control?

ANSWER:

Dimmers are local only, there is no Dimming System

Question #12:

1) The specification section 28 23 01 subsection 2.7 and 2.8 mentions the supply of POE switch and UPS but the drawing 9/E-8 does not mention this. Please confirm if we have to consider supply and installation of the POE switch and UPS.

ANSWER:

POE Switch & UPS are NOT required

a2) Please confirm what type of exit signs are required on site either Type X or Type X1?

ANSWER:

All Exit Lights currently shown on the Plans are to be Type 'X' (the Addendum will require ONE (1) Spare Type 'X1 which is the only Type 'X1' required)

3) Is any lighting control like Lutron or Watstopper we have to include?

ANSWER:

Dimmers are local only, there is no Dimming System

4) Are dimmer switches for local control or connected to lighting control?

ANSWER:

Dimmers are local only, there is no Dimming System

2 SPECIFICATIONS

2.1 Reference Specification 28 23 01 – Security CCTV System (not re-issued)

.1 To the Luminaire List, for Luminaire Type 'X1', add:

"Note:

Include in the Contract an additional ONE (1) spare Type 'X1' luminaires including installation (include an average of 20'0" of wire in conduit for each additional luminaire and connection to an adjacent circuit). Assume, for bidding purposes, that these luminaires can be added at any time during construction including at the end of the construction and in any location as directed on site. Any luminaires not installed shall be turned over to the Hospital"

2.2 Reference Specification 28 23 01 – Security CCTV System (not re-issued)

.1 In Part 2, Item 2.7, "Power Over Internet Network Switch" and Item 2.8, "UPS System"q, DELETE COMPLETELY, THESE ARE NOT REQUIRED

3 DRAWINGS

3.1 Reference Drawing E-3 – PART PLAN GROUND FLOOR LIGHTING PLAN (not re-issued):

- .1 To Detail 1/ E-3 (the Decontamination Room Lighting Plan) add a new Note All Switches and Dimmers in Room #AG-121A must be fully weather-proof using flip-up gasketed cover plates similar to those specified for weather-proof receptacles.

3.2 Reference Drawing E-4 – PART PLAN GROUND FLOOR POWER PLAN (not re-issued):

- .1 Note that the receptacle for the TV in Room #AG-105A (Key Note #5) is to be mounted on the east face of the adjacent column

3.3 Reference Drawing E-5 – PART PLAN GROUND FLOOR SYSTEMS PLAN (not re-issued):

- .1 To Detail 1/ E-4 (the Decontamination Room Systems Plan) add a new Note All Nurse Call Devices including Code Blue & Code White Buttons,, Data Outlets in Room #AG-121A must be fully weather-proof using flip-up gasketed cover plates similar to those specified for weather-proof receptacles
- .2 Note that the outlet for the TV in Room #AG-105A (Key Note #7) is to be mounted on the east face of the adjacent column
- .3 On Detail 1/ E-5, Note #3, on Detail 2/ E-5, Note #2 and on Detail 3/ E-5, Note #2, revise Room #AG-281 to read Room #AG-275A

3.4 Reference Drawing E-6 – PART PLAN GROUND FLOOR SECURITY PLAN (not re-issued):

- .1 On the Plan 3/ E-6 note that there are only TWO NEW CCTV MONITORS at the new Security Desk (not three as shown on the Plan) Detail 1/ E-4

3.5 Reference Drawing E-8 Details/ Schematics (not re-issued):

- .1 On Detail 8/ E-8, Note the new KeyScan Access Control Panel is to be located in Room #AG-275 (not QG-279 as shown). Also Note the cable connection from this Panel to the Hospital Network MUST be run to the Security System Data Rack in Room #AG-257

3.6 Reference Drawing E-9 Part Basement Plan and Details (not re-issued):

- .1 On Detail 3/ E-9, add to the Schematic and for the Decontamination Room, two ceiling speakers to be located in Room #AG-121A

End