

ADDENDUM NO.10: SECTION 00 91 10

1.0 GENERAL INSTRUCTIONS

- 1.1 The information contained herein will constitute an addendum to the Specifications and Drawings for:

UNIVERSITY OF TORONTO
ROBARTS LIBRARY - 5TH FLOOR MAP & DATA LIBRARY
PROJECT NUMBER P006-22-176

- 1.2 Upon receipt of bids, it will be assumed that all matters pertaining to this addendum are included in the base bid amount.
- 1.3 The following revisions will amend the specifications and drawings and all items added or deleted thereon will be included for in the bid submission.

2.0 DIVISION 00, DIVISION 01 DOCUMENTS

- 2.1 Refer to BID FORM Section 00 41 13 delete and replace by attached BID FORM: Section 00 41 13 totalling 6 Pages
- 2.2 Refer to PRICE AND PAYMENT PROCEDURES Section 01 20 00 Sub Section 2.0 CASH ALLOWANCES, Sub Section 2.5 delete and replace as following:

- 2.5. Include the following cash allowances in the Contract Price:

- 2.5.1 Reworking of conduit, associated junction boxes and other electrical devices:

- 2.5.1.1 Allowance for reworking of conduit, associated junction boxes and other electrical devices in the Digital Lounge and Corridor ceiling required for installation of L7 light fixtures. include the sum of \$25,000.00

*Note: The Consultant requested itemized price for this item on the drawings to monitor cash allowance draws.

- 2.5.2. Removed and re-lamped existing light fixtures requiring replacement due to burnout:

- 2.5.2.1 Allowance for 40 existing light fixtures requiring replacement due to burnout to be removed and re-lamped with new luminaries. Clean lenses and fixtures from dust and debris. Replace all faulty ballasts. Include the sum of **\$10,000.00** allow \$250 per light for described scope of work. (\$10,000.00 total for 40 Lights)

- 2.5.3 Allowance for 50 Hours Security Guard for afterhours work if required by the project.
Include the sum of **\$1,500.00** allow \$30 per Hour for afterhours Security Guard.
(\$1,500.00 total for 50 Hours)

2.5.4 Allowance to provide connections between DPs and bus ducts.

All proposed connections associated with the cash allowance shall adhere to UofT F and S Electrical design standard and F and S requirements. The contractor will be responsible for providing drawings, specifications and any additional information required for F&S to review and approve the connection solution. Allow for all associated costs. Contractor will be required to provide unit pricing for each connection to be eligible to draw from the cash allowance. Include the sum of **\$75,000.00** for described scope of work.

2.3 Refer to CASH ALLOWANCES Section 01 21 13 Sub Section 1.0 GENERAL, Sub Section 1.2.3 Delete and Replace as following:

1.2.3 An allowance for:

Provide \$111,500.00 as specified in Section 01 20 00 and shown on Drawings and specifications.

Allowance for reworking of conduit, associated junction boxes and other electrical devices in the Digital Lounge and Corridor ceiling required for installation of L7 light fixtures. \$25,000.00

Allowance for 40 existing light fixtures requiring replacement due to burnout to be removed and re-lamped with new luminaries. Clean lenses and fixtures from dust and debris. Replace all faulty ballasts. Allow \$250 per light for described scope of work. (\$10,000.00 total for 40 Lights) \$10,000.00

Allowance for 50 Hours Security Guard for afterhours work if required by the project. Allow \$30 per Hour for afterhours Security Guard. (\$1,500.00 total for 50 Hours) \$1,500.00

Allowance to provide connections between DPs and bus ducts.

All proposed connections associated with the cash allowance shall adhere to UofT's F&S Electrical design standard and F&S requirements. The contractor will be responsible for providing drawings, specifications and any additional information required for F&S to review and approve the connection solution. Allow for all associated costs. Contractor will be required to provide unit pricing for each connection to be eligible to draw from the cash allowance. Include the sum of \$75,000.00 \$75,000.00

Total Stipulated Sum Cash Allowances \$111,500.00

- 2.4 Refer to PROCUREMENT FORM SUPPLEMENTS: SECTION 00 43 00 Sub Section 52.0 UNIT PRICES, Replace Sub Section 52.3 as following:

52.0 UNIT PRICES

52.3 The Unit Prices for the Work of the Contract shall be used for either an addition to (extra) or as a deduction from (credit) the Contract Price for the duration of the Contract are as follows;

<u>ITEM OF WORK</u>	<u>EXTRA PRICE</u>	<u>CREDIT PRICE</u>
Cutting and trenching within existing concrete Slab, Provide Price including all material and labour for 1 linear meter of 100mm in width by 76mm depth trenches complete with concrete topping infill and new electrical conduit installation.	\$ _____	\$ _____
Refinishing of existing wood finishes – 1 square meter	\$ _____	\$ _____
Interior wall painting – 1 square meter	\$ _____	\$ _____
Provide connections between DPs and bus ducts. All proposed connections associated with Cash Allowance # 4 shall adhere to UofT F+S Electrical requirements. The contractor will be responsible for providing drawings, specifications and any additional information required for F&S to review and approve the connection solution. Contractor to provide unit pricing for each connection to be eligible to draw from the cash allowance.	\$ _____	\$ _____

3.0 ADDENDUM SUMMARY

- 3.1 Refer to accompanying ELECTRICAL ADDENDUM E-04 R1 dated 29 November 2024 totalling 3 pages for additions, deletions, or revisions.

4.0 DRAWING CHANGES

- 4.1 Refer to accompanying ELECTRICAL ADDENDUM E-04 R1 Drawing dated 29 November 2024 and totalling 3 pages for additions, deletions, or revisions.

5.0 BIDDERS' QUESTIONS

5.1 Refer to the following Bidders' questions, and Consultant's Answers:

Q100. "Bus Ducts

As per the revised SLD issued with electrical addendum E-04, the base price no longer requires any bus plugs to connect to a new DP panel. Instead, the base price now requires new fusible switches to be added to the existing 416v DP panels. Based on pictures provided to us from earlier site visits, we see the following issues:

1. It is not clear from the pictures provided who is the manufacturer of the existing DP panels
 2. All the DP panels appear to have been retrofitted at some point in the past. This is based on the fact that the panels have a black cover while the feeder switches are exposed in their original grey color. Since the panels appear to have been retrofitted, there is no way for us to know what type of modifications/retrofits were carried out. It is possible the interior of the panel may have been modified due to which it may no longer be possible to install a new feeder device
 3. Based on the black covers, it doesn't even look like there is sufficient space in the DP panels for installing a new switch
- Due to these reasons, we cannot quote the new switches being requested. Our base price will include new equipment as shown on the SLD. We will also provide pricing in accordance with the alternate price requested for replacement DP panels. These DP panels will be MLO style and we will NOT be accounting for any connection to the existing bus duct runs which as confirmed in the addendum is being handled via cash allowance. Our quote (both base and alternate price) will NOT account for anything to do with any sort of connection to the existing bus duct runs."

A100. Refer to accompanying ELECTRICAL ADDENDUM E-04 R1

Q101. "Abatement SOW - Mechanical Shafts

Please confirm that no mechanical tasks are anticipated for the mechanical shafts containing asbestos containing (Chrysotile) sprayed fireproofing, and therefore, no Type 1 or Type 2 enclosures would be required."

A101. Refer to M-031 and M-302 for extent of existing HVAC demolition and modifications required. Contractor to coordinate if work at the mechanical shaft interface is required to achieve the new mechanical design.

Q102. Bid Form

Please advise what information or figures should be entered for Division 22 – Plumbing on the Bid Form, given that no plumbing scope of work is anticipated for this project. For further details, please refer to Q/A #16 in Addendum 01."

A102. Please enter "N/A" when scope outlined in the bid form does not apply to the project.

Q103. Maintaining the enclosure

Please confirm whether the Type 2 or Type 3 enclosure should be maintained for the duration of the mechanical tasks, as per the DSRR, to be performed by the selected/pre-qualified abatement trade."

A103. Refer to DSSR 1.3 and 1.4 Application for scope of disturbance that requires Type 2 and Type 3 enclosure. Contractor to coordinate as required.

Q104. SEE ATTACHMENT IN FOLDER

Alternate demountable partitions

We have been informed by Innerspaces that the DIRT T solution would be an approved alternate product for demountable, based on their direct discussion with the Architect. Could you please confirm? For your reference, please see attached proposal."

A104. We would like to flag the following concerns with the product submittal:

- *All hardware must comply with UofT Hardware Design standards and UofT list of acceptable hardware manufacturers (refer to the project Hardware Schedule). At this time we cannot confirm that all specified hardware is compatible with the DIRT T system. The standard DIRT T hardware quoted in the submittal is not acceptable unless approved by UofT;*
- *Hardware finish to be as per the Hardware Schedule to match the finish of the partitions. Silver anodized levers as shown in the submittal are not acceptable.*
- *As noted in the submittal, DIRT T doors do not have STC lab tests available. Contractor will assume the responsibility of ensuring the specified STC performance is met as per project drawings and specifications.*
- *The infill mullion at the bottom of glazed aluminum doors, as shown on p.6-7 of the submittal, is not acceptable. It is not clear from rendering on p.11 if the infill mullion is being proposed.*
- *It is not clear if DIRT T will be providing MT-6 perimeter trims at the partitions. The contractor can provide the trims via other trades as long as the finish matches the finish of the glazed screens, as specified on A 020.*
- *It is not clear from the submittal if DIRT T will be providing new frames for the existing glazed screens, see 11/A 020 and 12/A 020. The contractor can provide the frames via other trades as long as the finish and profile match the finish and profile of the new glazed screens, as specified;*
- *The submittal does not specify the mullion dimensions. Mullion dimensions must be equal or less to specified dimensions to ensure no impact on interior partition assemblies and alignments.*

The above noted concerns must be addressed for us to determine if the DIRT T system can be accepted as an alternate to Bridgewall and Moodwall glazed partitions. The contractor is also welcome to submit requests for alternates after the tender is closed for consultant's review and approval.

Q105. Electrical - fusible switches

Please see below in " " from Eaton. Electrical Contractors are unable to source a quotation for the fusible switches in the existing distribution panels. Please either provide specifications for this or add another cash allowance to deal with this uncertainty.

"Manufacturer of existing DP panels is unknown, and the panel appears to have been modified/retrofitted at some point in the past. Due to this we cannot definitively say whether new fusible switches can be provided or not. New fusible switches for existing DP panels are NOT included and will need to be supplied and installed by others"

*A105. Refer to accompanying ELECTRICAL ADDENDUM E-04 R1
New DPs to be provided as part of base scope. This question no longer applies.*

Q106. new switches

Please see EATONS update as per below. All notes from Eaton MUST be accounted for upon closing time.

As per the revised SLD issued with electrical addendum E-04, the base price no longer requires any bus plugs to connect to a new DP panel. Instead, the base price now requires new fusible switches to be added to the existing 416v DP panels. Based on pictures provided to us from earlier site visits, we see the following issues:

1. It is not clear from the pictures provided who is the manufacturer of the existing DP panels
2. All the DP panels appear to have been retrofitted at some point in the past. This is based on the fact that the panels have a black cover while the feeder switches are exposed in their original grey color. Since the panels appear to have been retrofitted, there is no way for us to know what type of modifications/retrofits were carried out. It is possible the interior of the panel may have been modified due to which it may no longer be possible to install a new feeder device
3. Based on the black covers, it doesn't even look like there is sufficient space in the DP panels for installing a new switch

Due to these reasons, we cannot quote the new switches being requested. Our base price will include new equipment as shown on the SLD. We will also provide pricing in accordance with the alternate price requested for replacement DP panels. These DP panels will be MLO style and we will NOT be accounting for any connection to the existing bus duct runs which as confirmed in the addendum is being handled via cash allowance. Our quote (both base and alternate price) will NOT account for anything to do with any sort of connection to the existing bus duct runs."

A106. Refer to accompanying ELECTRICAL ADDENDUM E-04 R1

END OF ADDENDUM NO. 10