

10th EDF - HEALTH SECTOR REFORM
ALTERATIONS AND UPGRADE OF THE MILTON CATO MEMORIAL HOSPITAL (LOT 1)
&
THE MENTAL HEALTH CENTRE (LOT 2)

ADDENDUM 2 – May 17, 2013

This addendum follows the original publication of the tender dossier on March 26, 2013 and Addendum 1 on May 3, 2013 and is as follows:

1. The BoQ is amended as follows as a result of the Electrical Site Plan drawing issued as part of this addendum:

Page EW/3A is to be inserted in the BQ as a new page

Page EW/4 is to replace the existing page numbered EW/3

Page BS/1A is to replace the existing page numbered BS/1

2. Electrical drawings E-1, E-8 and E-10 have been issued as part of this addendum

3. The following drawings form part of the response for items 5 to 23.

Milton Cato Memorial Hospital (MCMH):

- E-2 Ground Floor Power Layout Rev. A
- E-3 First Floor Power Layout Rev. A
- E-4 Ground Floor Lighting Layout Rev. A
- E-6 Electrical Riser Diagram
- M-1 Ground Floor Air Conditioning Layout Rev. A
- R-1 Roof Plan Rev. A

Mental Health Centre (MHC):

- E-1 Electrical Site Plan
- E-8 Electrical Riser Diagram
- E-10 Laundry & Security Hut Electrical Layout

4. The following sections of the specifications are to be amended:

MCMH:

- Panel FAP Schedule Rev. 1 is to replace the existing Panel FAP Schedule
- Panel Schedules GA, RN, R, KP, K, FA and FB are to be added
- MCMH Electrical - Drawing List Rev. A replaces the existing MCMH Electrical - Drawing List

MHC:

- Panel M Schedule Rev. 1 is to replace the existing Panel M Schedule
- Panels Schedules GA1, GB1 and KC are to be omitted
- Panels Schedules GH and GL are to be added
- MHC Electrical - Drawing List Rev. A replaces the existing MHC Electrical - Drawing List
- A complete set of panel schedules is included.

- The size of the required TVSS's can be found at section 4.16 of the electrical specifications.
5. Q. **MCMH: From where are panels E and G being fed?**
 A. Panels "E" already exists and is fed from the existing panel "MAT-A". Panel "G" is not in the project scope. Refer to drawing E-2 Ground Floor Power Layout Rev. A, E-6 Electrical Riser Diagram and panel schedules, which form part of this addendum. Also refer to section 5.02 of the electrical specifications for the project scope.
 6. Q. **MCMH: Drawing E2: What are the size and specifications of the transformer for 115V panel "KP"?**
 A. Refer to drawing E-6, Electrical Riser Diagram for the transformer size and section 4.17 of the electrical specifications.
 7. Q. **MCMH: Drawing E-2: What are the size and specifications of the single phase transformer and single phase transformer TX/KP?**
 A. Refer to drawing E-6, Electrical Riser Diagram for the transformer size and section 4.17 of the electrical specifications.
 8. Q. **MCMH: Drawing E2: the 115V panel is not listed in BoQs.**
 A. Where items are not listed in the BoQ's but are found on drawings and/or in the specifications, they can be priced in the electrical detail of tender under heading, "ITEMS SPECIFIED OR INDICATED ON DRAWING BUT NOT MENTIONED IN THE DETAIL OF TENDER"
 9. Q. **MCMH: Please identify the outlets and lights on the ground and first floors that are to be relocated. Please also indicate the new routing.**
 A. Unless specifically indicated otherwise, items on drawings, which are denoted by "ex" are to be reused and/or relocated. Review site conditions for best routes in keeping with section 5 of electrical specifications
 10. Q. **MCMH: Drawing E3: Where are panel "A" and the feeder cable being relocated to? Please also take note of the distance moved.**
 A. Refer to drawing E-3, First Floor Power Layout Rev. A for the location of panel "A". Also refer to section 5.02 of the electrical specifications.
 11. Q. **MCMH: Drawings E3: What are the size and specifications of the 3 phase transformer "FAP"?**
 A. Refer to drawing E-6, Electrical Riser Diagram for the transformer size and section 4.17 of the electrical specifications.
 12. Q. **MCMH: Roof Drawing: What are the size and specification for panels "R" and "RN"?**
 A. Refer to drawing E-6, Electrical Riser Diagram and panel schedules for the relevant panel size and specifications.

- 13. Q. MCMH: Roof Drawing: What is the route like from the ground floor to the new panel R?**
- A. The new panel “R” will reuse the existing feeder cable. The electrical detail of tender makes an allowance of 50 meters between the roof panel “RN” and ground floor panel “GA”.
- 14. Q. It appears that the BoQs are incomplete, please advise.**
- A. Where items are not listed in the BoQ’s but are found on drawings and/or in the specifications, they can be priced in the electrical detail of tender under heading, “ITEMS SPECIFIED OR INDICATED ON DRAWING BUT NOT MENTIONED IN THE DETAIL OF TENDER”.
- 15. Q. One line drawing showing proposed distribution, transformer size and feeder cable size**
- A. Refer to Mental Health Centre (MHC) drawing E-8 Electrical Riser Diagram and Milton Cato Memorial Hospital (MCMH) drawing E-6 Electrical Riser Diagram.
- 16. Q. Panel schedules with TVSS size**
- A. Refer to panel schedules for (MHC) and (MCMH). Also refer to (MHC) electrical specifications section 4.16 for TVSS sizes
- 17. Q. Proposed routes for underground ducts**
- A. Refer to Mental Health Centre (MHC) drawing E-1 Electrical Site Plan.
- 18. Q. Location of isolators/equipment and size**
- A. Isolation devices are generally shown on floor power and roof drawings. Isolation devices are sized to match the corresponding breaker as listed in the panel schedules.
- 19. Q. Route for main incoming supplies**
- A. With respect to (MHC), the main incoming electrical supply will be derived overhead on utility poles from the Main Road. Refer to drawing E-1 Electrical Site Plan.
- 20. Q. I tried to put this bid together but it involves some guess work as not all the drawing are available. We can put a budgetary price but need more detailed drawing to bid same. Some items in the BoQ provided do not show up on the drawing so we cannot even do a quantity take off on these items.**
- A. Refer to the drawings lists to ensure that all relevant drawings are downloaded. Also some items called out in the BoQ may be detailed in the specifications.
- 21. Q. MCMH-Panel schedule: Only panel FAP is listed on panel list, and it has no breaker sizes. The other panel schedules are missing: FA, B, KP, A, GA, FB, R, R**
- A. Refer to complete panel schedules, which form part of this addendum
- 22. Q. MHC- Panels M, GA1 and GB1 have no breaker sizes.**
- A. Panel “M” is a new panel. Panels “GA1” and “GB1” have been omitted. Refer to complete panel schedules, which form part of this addendum

23. Q. **MCMH - Awaiting clarification on the location and routing details for the air-conditioning system that will be installed in the maternity ward to facilitate the temporary operating theatre.**
- A. Refer to drawing M-1 Ground Floor Air Conditioning Layout Rev. A.
24. Q. **There is a unit shown on the air conditioning drawing for the ground floor, unit CCU-1, there is no condensing unit location for the condenser that will serve this unit.**
- A. Refer to drawing M-1 Ground Floor Air Conditioning Layout Rev. A, which forms part of this addendum.
25. Q. **What is to become of all the ductwork etc. that will be installed for the area when it is relocated back to its final location?**
- A. The ductwork will remain in use. Refer to section 5 of the air conditioning specifications.
26. Q. **What becomes of the maternity ward itself after the final relocation? As when this duct is installed it will require the removal of the existing air-conditioning system. If so when the equipment is removed and relocated to its final location this space will now not be air conditioned.**
- A. A new DX commercial split is to be supplied and installed. Refer to section 5 of the air conditioning specifications.
27. Q. **With regards to the Mental Health Centre and the Electrical design, I wish to request clarification on the assumed omission of an Emergency back-up power supply, (back-up generator) an issue which is of paramount importance, however was not including in the design of this institution.**
- A. A generator is not currently included in the scope of this contract; however, tenderers will be advised if a generator will be included.