

Date: September 15, 2023

(5 pages)

Addendum No. 1

Bid Call No. T2023-187

**MECHANICAL EQUIPMENT REPLACEMENT AT TERRY MILLER RECREATION
CENTER**

This Addendum is part of the Bid/Proposal Document.

1. Pertaining to Specifications

Refer to the attached Consultant's Addendum No. 01 (4 pages).

All other terms & conditions remain unchanged.

If you have any questions, please do not hesitate to contact the undersigned.

Bidders are required to acknowledge all Addenda.

Colin Zeng
Senior Buyer
Ph: (905) 874-2280
Email: colin.zeng@brampton.ca



ADDENDUM

Head Office: 1435 Hurontario Street, Mississauga, Ontario L5G 3H5 Tel:(905) 274-7556 Fax:(905) 274-5382

Issued by: **Moon Matz Ltd**
2902 South Sheridan Way
Mississauga, Ontario L6J 7L6

Ref. No.: **MML: 6664**

Date: **Sept. 14, 2023**

ADDENDUM NO. 01

This addendum refers to additions, deletions, modifications and clarifications which hereby become an integral part of the original Contract Documents and shall be read in conjunction with the same.

No consideration will be allowed for extras to the Contract due to the contractors, or sub-contractors, not being familiar with this Addendum. Acknowledgment of receipt of this Addendum is to be given in the space provided on the Tender form.

Q1 – Drawing M4 shows the oil separator for the compressor (OS-1 and OS-2) is to be reused but Section 15730 item 2.(a)(xii)(E) calls for a new oil separators. Please advise.

A1- Reuse existing Oil Separators

Q2 – If new oil separators are required, please advise if relief valves is required.

A2- Refer to answer#1 above

Q3 – If new oil separators are required, please advise how the relief branch and header shall be installed.

A3- Refer to answer#1 above

Q4 – Drawing M7 shows a float drainer but does not indicate where that is to be connected to. Please advise.

A4- Connect float drainer to a low pressure receiver or suction trap/flooded evaporator with oil return. Float drainer shall be installed as per desuperheater shop drawing and Desuperheater Manufacturer's recommendations.

Q5 – Drawing M7 called for a hot gas solenoid valve but does not indicate manufacture, size, model and type. Please advise.



ADDENDUM

Head Office: 1435 Hurontario Street, Mississauga, Ontario L5G 3H5 Tel:(905) 274-7556 Fax:(905) 274-5382

A5- Hot gas bypass solenoid valve shall be 3" diameter size and shall be suitable to be installed in the ammonia line/ suitable for this application. Shop drawing for the valve will be reviewed during construction prior to installation of valve.

Q6 – Where is the hot gas solenoid valve wired too?

A6- Refer to NOTE on mechanical drawing M-7.

Q7 – Drawing E2 "Installation Notes" item 4 states to replace existing single phase starter with new. We believe this is for a new water pump (DP-1) and does not have existing single phase starter. Please clarify.

A7- Provide single phase circuit from existing Panel J-1 located in adjacent mechanical room c/w 2#12+GRD in 21mm C, 15A-1P breaker and a single-phase starter to control DP-1.

Q8 – Drawing E2 "Installation Notes" item 2 also states to replace existing breaker with new breaker but again this is a new pump and not existing. Please clarify.

A8- Refer to A7 response

Q9 – Drawing E2 "Installation Notes: item 2 states the power will be coming from existing Panel J-1 in the mechanical room adjacent but none of the drawings actually show where this panel is located. Please advise.

A9- Panel (J-1) is located in adjacent mechanical room. Refer to E1 drawing Key plan to locate existing adjacent mechanical room.

Q10 – Please advise if the compressor starters in the refrigeration starter panel is to be reused or new? If new, please advise the type of starter required.

A10- Reuse existing starters.

Q11 – During our site visit it appears there is a smoke detector located where the new desuperheater is to be placed. Please confirm if the City will be relocating this smoke detector.

A11- Relocate existing smoke detector on new junction box within 3 meters from the desuperheater unit. Provide verification report and certification from a certified fire alarm firm to certify and verify device. Include copy of verification record and certification in the close-out manuals.

Q12 – Please advise if the desuperheater can be hung from the ceiling of the refrigeration room.

A12- Yes, the desuperheater will be supported from the existing ceiling.



ADDENDUM

Head Office: 1435 Hurontario Street, Mississauga, Ontario L5G 3H5 Tel:(905) 274-7556 Fax:(905) 274-5382

Q13 – During our site walk through there was what we believe is a generator on a trailer. Please confirm this will be removed to allow removal and installation of equipment for the refrigeration room.

A13- As shown in site specific information document, removal and rigging of equipment will take place from the backside of the tractor room.

Q14 – The specifications and drawings did not indicate a model number for the desuperheater and the manufacture is assuming the model desired is a CADS 16M8/1P-12T(C) from Doucette. Please confirm if this is the correct model.

A-14 Correct, provided that it is suitable for reciprocating compressors and is also suitable for potable water system. The desuperheater shall have zero cross contamination.

Q 15 – Drawings M-3/M-4 show that the existing oil separators are to remain. Specification section 15730 item xiii E indicates supply of new oil separators. Please confirm if new oil separators are required or not.

A15- Refer to answer#1 above

Q 16 – Drawing E-2 note 3 indicates a new refrigeration control panel. Is a new panel required? It is not mentioned anywhere on mechanical drawings or specifications.

A16- Reuse existing Refrigeration control panel.

Q 17 – Drawing M-3 indicates a light fixture is to be removed and relocated, and to refer to electrical drawings. Electrical drawings do not detail any work related to the light fixture. Please confirm scope requirements

A17- Relocate light fixture to accommodate the new Desuperheater unit. Splice and extend existing circuit as necessary to relocate the light fixture in the refrigeration room.

Q 18 – Is a building permit required? If so, who is to pay for the permit, and coordinate inspections?

A 18- Yes, a building permit is required. It has already been applied for and will be paid by the City. Inspection coordination and permit closure is the responsibility of the Contractor.

Q 19 – Electrical trade can't find any single line diagram.

A 19 – Refer to attached picture for existing single line diagram.

END OF ADDENDUM

