



# The Livestock Institute

*of Southern New England*

The Livestock Institute

*of Southern New England*

PO Box 879

Westport, MA 02790

[info@thelivestockinstitute.org](mailto:info@thelivestockinstitute.org)

## Questions asked by Bidders (updated as of 11/01/2016 2:30 p.m. EDT)

**Note: You can find the most recent list published on TLI's website:**

<http://www.thelivestockinstitute.org/construction.html#qa>

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Note:

- *TLI's responses are in blue;*
  - *The Dennis Group's responses are in orange (Architects and Engineers)*
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### 11/01/2016

1. How much steel will the building need  
*[DGL response] Estimate of 63 tons.*
2. Please confirm that ALL disconnects and VFD's will be provided by the HVAC subcontractor as stated in his specifications. (brought forward from 10/27/16, question #8)  
  
*[DGL response] It is the responsibility of the Bidding Contractor to coordinate the purchase of all disconnects and VFDs. The Bidding Contractor shall provide, either directly or by a subcontractor, all disconnects and VFDs as scheduled, specified, and called out on drawings.*  
  
*See "[Updated Equipment List](#)" on the TLI website*
3. The Wetland Replication Area, shown on Page 15 of the Project Drawings is 'Proposed Wetland Replication Detail.' It references a Narrative Report by Goddard Consulting. (brought forward from question #12, on 10/31/16)  
*TLI has uploaded the report. See "[Wildlife Restoration Plan](#)" on the TLI website*



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10/31/2016

4. We want to hand deliver the bid. Where do we hand deliver it?

*At 12:00 PM EDT, a TLI Board Member, Darrin Mendes, or I (Russ Iuliano) will be available to accept hand-delivered bids at the Dartmouth Grange, 1133 Fisher Rd, North Dartmouth, MA 02747. (Click here to [Get Directions](#) to the Grange)*

*By close of business on Tuesday, November 1, 2016, please let TLI know ([construction@thelivestockinstitute.org](mailto:construction@thelivestockinstitute.org))*

- o IF you intend to bid, and*
- o HOW you intend to deliver your bid.*

5. Yikes – As a subcontractor, we just received Addendums from a bidding GC. With the bid date for subs being today, it's going to be hard to update our pricing to reflect those Addendums. Can we push back the due date for the entire project?

*TLI will NOT extend the due date. But don't worry: there have been no changes to the plans. TLI's Architect and Engineering firm, The Dennis Group, released the Addendums for Plumbing, Mechanical, and Refrigeration in response to all issues raised via these RFIs. They felt those Addenda would serve as stand-alone should anyone not be aware of these RFIs.*

6. Is this a prevailing wage bid? Davis Bacon (shown in Parenthesis)

*The USDA verbally confirmed on 10/7/2016 that this bid is NOT subject to Davis, Bacon Act, nor prevailing wage. (TLI received written confirmation on 10/11/2016.)*

7. Required Bid Bond: Just for the General Contractors (bidders), and for subcontractors, too?

*Bid Bonds are required for GCs, and not for their subs. Be aware that the USDA requires all subcontractors to sign Debarment and No Lobbying forms before they will be allowed to work on the job.*

8. Is a fax or "PDF" copy of the Bid Bond acceptable?

*The USDA requires TLI reject any Bid from a contractor that fails to include a valid bid bond at the bid opening (see FAR 28.101-4). The USDA requires TLI:*

- (1) Use only original documents (bid bond and power of attorney) with the bid;*
- (2) Ensure that bid bonds and power of attorney have original (wet-ink) signatures, or mechanically produced signatures if mechanically produced signatures are expressly permitted;*
- (3) Ensure that the power of attorney is current as of the date of bid opening. The power of attorney should have a certificate stating that it is in full force and effect and has not been revoked. If the certification is dated prior to bid opening or contains no date at all it can provide a basis for the government to reject the bid as nonresponsive; and*
- (4) Ensure that the penal sum of the bid bond is correct.*



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*Should the Bidder's Surety Company, through its agent, provide a faxed (or "PDF") copy of the Bond and the Power of Attorney, the Bidder will have 24 hour "grace period" – until November 3, 2016 at 12:00 PM – to deliver to TLI original "wet" signatures and corporate seals.*

*TLI will not extend this window any further, nor accept any modifications of the bid package.*

*If the Bidder fails to deliver these documents within the 24-hour period, TLI will consider the faxed (or PDF copies) signatures on each bidder's power of attorney documents as insufficient to demonstrate an intent on the part of the surety to be bound by the bond. The bid will be rejected.*

9. We are still working on our bid. Can we submit a partial bid or request an extension?  
*TLI will NOT extend the due date. All Bidders are required to submit their bids by the due date (November 2, 2016 at 12:00 PM)*

10. Did any of the cooler sizes change, since they took out some evaporators in the coolers?

*No*

11. The refrigeration and architectural drawings have a note that states "In all rooms below 50 degrees F, insulate all structure in interstitial space up to 5'0" above ceiling, Typ." Does this mean the entire space above the ceilings of those rooms gets filled with insulation?

*No.*

*[DGL response] No. Insulate the structures (e.g., ArmaFlex pipe insulation.) The objective is to prevent condensation and heat loss due from the thermal conductivity of steel, structural members, conduit, etc. should those members run through or directly above the chilled areas.*

12. The Wetland Replication Area, shown on Page 15 of the Project Drawings is 'Proposed Wetland Replication Detail.' It references a Narrative Report by Goddard Consulting.

*TLI has requested a copy of the report. Once it is available, I'll upload it to TLI's website.*

*See response #3 on 11/1/2016*

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10/29/2016

1. Can you update drawings and specifications?

*[DGL response] Yes! as of 10/29/2016*

*See [Plan Addendum links for plumbing, mechanical, and refrigeration](#) on TLI's website  
(<http://www.thelivestockinstitute.org/construction.html#addendum1>)*

2. Please clarify some issues surrounding refrigeration

- a. Does Section 1.1.2 apply to these split systems?

*[DGL response]: No, this section applies to evaporative condensers not used in this project. Condensers are to be air cooled*

- b. Is compressor redundancy a requirement?

*[DGL response]: Due to the construction of split systems and prohibitive cost of compressor redundancy as outlined in section 3.1.3, compressor redundancy not required*

- c. Does Section 3.1.19 apply to these split systems?

*[DGL response]: No, this section applies to evaporative condensers not used in this project. Air cooled condensers will be controlled from the refrigeration control panel.*

- d. Schedule Shows all evaporators utilizing electric defrost, is this correct?

*[DGL response]: Evaporator schedule is incorrect regarding defrost, follow written specification for air vs. electric defrost as outlined in section 3.2.1.6 and 3.2.1.7. Evaps 1,3,4,5,6 are listed as electric in schedule but should be air defrost*

3. Who's building management system is being used?

*[DGL response]: Integration with HVAC controls needs to be coordinated with Mechanical Contractor. System is to be a BACnet based control system.*

4. Looking for local controls on the condenser units, should local controls be unit mounted?

*[DGL response]: Yes, local controls as outlined in section 3.4.3 should be mounted at the condenser units in appropriate weather-proof enclosures (NEMA 3R minimum)*

5. Looking for more information on Air Handler Unit cooling coil

*[DGL response]: See below for AHU-01 cooling coil information, contractor responsible for coordination with Mechanical contractor for actual equipment purchased.*



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<b>Cooling Coil:</b>	
Coil Type:	DX 507a
Capacity:	12 TR
Suction Temp:	30° F
Entering Air Temp:	49.4° F / 45° F
Leaving Air Temp:	36° F
Coil Construction:	Stainless steel tube / aluminum fin
Refrigeration Valves:	BY OTHERS
Cooling coil performance is rated in accordance with AHRI Standard 420	

6. One bidder expressed opinion that integrating the refrigeration system into the BMS could be very expensive and suggested the use of a separate control system. He recommended a system from CPC, Computer Process Control. He stated that CPC can also integrate refrigerant detectors easily into this system.

*Other Bidders – what do you think? Should this this system priced as an alternate?*

7. One bidder expressed opinion that it might be easier if they use a rooftop rack system. This system utilizes a central rooftop engine room and distribution piping.

*[DGL Response] No. Due to space requirements and the significant changes to both electrical and structural design, we do not believe that this is a good option to pursue.*

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10/28/2016

1. Are the sliding cooler/freezer doors to be powered doors or manually operated?

*All sliding doors (including the killing floor door) will be manually operated.*

2. Is the meat trolley going to be mounted from the slab or hung from the roof?

*Meat trolley is mounted on the slab (with additional subbase/footer under the trolley support columns)*

3. The spec for the plumbing floor drain "FD-05" appears to be missing.

*[DGL response] See Plumbing Addendum #2. The missing FD-05 information has been added as well as some modifications to the floor drain FD-04.*

*See [Plan Addendum links for plumbing, mechanical, and refrigeration](#) on TLIs website (<http://www.thelivestockinstitute.org/construction.html#addendum1>)*

4. Questions regarding AHU-01 (Breaking and Fabrication).

- a. The spec calls out no exposed fasteners and no overlapping joints. In our standard unit, fasteners are exposed and we have overlapping joints. Now we can do it as the spec calls out it is just a price add and want to make sure that is what they want.

*[DGL RESPONSE]: Standard Evapco CPA fasteners and overlapping joints are acceptable. Manufacturer should minimize fasteners.*

- b. Is it belt driven or direct drive?

*[DGL RESPONSE]: Supply and exhaust fans shall be direct drive.*

- c. If it is direct drive, is it mounted on pipes or on vibration isolators?

*[DGL RESPONSE]: Pipes/Frame is acceptable for direct drive.*

- d. If it is belt driven, do they want just a belt guard or both a belt guard and blower enclosure?

*[DGL RESPONSE]: Not applicable -- Direct drive.*

- e. Is the unit curb mounted or steel mounted?

*[DGL RESPONSE]: Unit shall be curb mounted. Curb shall be supplied by Manufacturer and according to Specification 23 75 43 – Section 2.3*



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- f. On the remote panel, it says provide with LCD display for wall mounting. Does the remote panel need a panel view or just push buttons with indicating lights? Does the remote panel need to be stainless steel?

*[DGL RESPONSE]: Remote panel shall include an LCD display. Panel shall adhere to Process AHU specification and include all functions listed on AHU-01 equipment schedule.*

- g. In the unit originally quoted, it was a 12 row coil. In the spec it calls out 8 Rows max, do we need to follow this? If we do need to follow this, that will affect the condensing unit, which is provided BY OTHERS.

*[DGL RESPONSE]: 12 row coil is acceptable.*

- h. On the schedule it does not call out a refrigerant type. On the original quote we used DX R507A, is that still the same?

*[DGL RESPONSE]: Refrigerant type should be coordinated with the bidding contractor. Bidding contractor will be responsible for providing and installing matching condensing unit.*

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10/27/2016

## 1. Electrical Questions

- a. Drawing E31.00 shows electrical panel P2A3B with a transformer in the office area, and is not on the riser. Could you advise on the sizes?

*[DGL response] P2A3B is a 208V 100A 3-phase 4-wire panel and is fed from a 30 kVA 480-208/120V transformer.*

- b. Drawing E4.200 shows cable tray and references vendor drawings for equipment locations. Are these drawings going to be released later?

*Yes, these drawings will be released later, most likely after the bid is due. TLI is currently bidding the processing equipment purchase, and installation. The equipment subs will be responsible for the final connections, i.e., hooking the equipment up to plumbing stubs/drops/electrical drops. Note, that the Ground Floor Plan, shown as drawing A1.100, has the equipment layouts.*

- c. Print E8.000 shows switchboard SWBD-A to have a 100AF/100AT circuit breaker for RTU-04; print E8.303 panel schedule for SWBD-A as having a 175A circuit breaker for RTU-04.

*[DGL response] The correct circuit breaker size for RTU-04 is 175AF/175AT. The circuit breaker label on the one-line diagram drawing E8.000 will be corrected in an addendum.*

- d. Print E8.000 shows switchboard SWBD-A does not show any spare circuit breakers but print E8.303 panel schedule for SWBD-A does.

*[DGL response] Not all breakers are shown on the one-line diagram in order to save space on the drawing. The breakers shown on the switchboard schedule on drawing E8.303 will be included in the scope of work.*

- e. Print E8.000 shows panel DP4A3 as a 480/277V 3Ø 800A panel, Print E8.302 shows panel DP4A3 as a 480/277V 3Ø 400A panel.

*[DGL response] DP4A3 shall be a 400A panel per the panel schedule. The panel rating on the one-line diagram E8.000 will be corrected in an addendum.*

- f. Print E8.302 shows panel P2A3B, and Print E3.100 shows this panel along with a transformer outside of sanitary vestibule, what size is this transformer and what is feeding it?

*[DGL response] P2A3B is a 208V 100A 3-phase 4-wire panel and is fed from a 30 kVA 480-208/120V transformer. The transformer is fed from distribution panel DP4A3 by the circuit designated for "TX TO P2A3B" on the DP4A3 panel schedule on drawing E8.302.*





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- g. Print E3.100 shows 3 circuits for underfloor heat trace coming from panel P2A1 (32, 34 & 36) Panel P2A1 is only an 18 circuit panel and none of the circuits are designated for heat trace cables.

*[DGL response] The heat trace circuits are circuits P2A1-2, 4, 6, and 8, labeled for P101 HT, P104 HT, P105 HT, and P107 HT, respectively, in the P2A1 panel schedule on drawing E8.301. The circuit labels on the floor plan drawing E3.100 will be corrected in an addendum.*

- h. What controls all remaining lighting fixtures that doesn't show occupancy sensors?

*[DGL response]*

- Some light fixture types are to be provided with individual occupancy sensors, factory mounted and wired to the fixture by the manufacturer; see key notes on light fixture schedule drawing E8.200.*
- The light fixtures in the interstitial space shall be controlled by toggle switch on the first floor as noted on floor plan drawing E2.100.*
- Beyond that, light fixtures shall be controlled by local toggle switches in each room. Local toggle switch locations will be indicated on floor plan drawing in an addendum.*

- i. Print E3.100 shows EUH #01, 02, 03 & 05 being fed from panel P4A3, panel P4A3 does not show these circuits breaker in the schedule.

*[DGL response] The circuits for EUH-01 and EUH-02 shall come from distribution panel DP4A4 and are shown on the panel schedule on drawing E8.303. The circuits for EUH-03, EUH-04, and EUH-05, shall come from distribution panel DP4A2 and are shown on the panel schedule on drawing E8.301. The circuits on the floor plan drawing E3.100 will be corrected in an addendum.*

- j. Majority of the receptacles only show panel designations, no circuit numbers, how many receptacles can go on 1 circuit breaker?

*[DGL response] In general, a single circuit breaker shall serve no more than 6 general purpose duplex receptacles. (A quadruplex/double-duplex receptacle counts as two duplex receptacles). Receptacles labeled "DED" on the floor plan are for specific appliances and shall each have a dedicated circuit breaker.*



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- k. Do any of the site lights require a CCTV camera as shown on Print E9.202 detail?

*TLI wanted cameras on receiving docks, employee entrance, front/store entrance, animals loading and shoot entrance to the slaughterhouse (five) We might want to have a drop in the barns.*

*[DGL response] The camera depicted in the standard lighting pole detail is optional, i.e. the camera requirements are relevant only for poles specifically intended to have cameras, and can be ignored on other poles. There are currently no plans for light pole-mounted cameras.*

- l. Some of the prints mention a sign by the road, will this require lights?

*The USDA sign does not have to be lit. However, TLI will have a sign at the entrance and that will need to be illuminated.*

- m. Print E1.200 shows a pre-fabricated fire pump house, will this require any lighting or outlets?

*It would make some sense to have it lit and power should there be any service needed. Perhaps if we have passive pass-through lighting?*

*[DGL response] Lighting and outlets shall be furnished as part of the pre-fabricated pump house package. The pump house shall include a circuit breaker panel to allow for a single point of connection for electrical service to the pump house. Per drawing E1.200, provide underground feeder and conduit from main building switchboard SWBD-A for pump house electrical service, sized per pump house manufacturer requirements. (Use one of the spare breakers in SWBD-A.) See keynote 7 on site electrical drawing E1.200 for additional information.*

- n. Print E9.601 shows a detail on WAPS (wireless access points), Are they required and if so, where and how many?

*[DGL response] Makes sense to have WAPs in the office and the retail store, and in the conference room/education center.*

8. Please confirm that ALL disconnects and VFD's will be provided by the HVAC subcontractor as stated in the specifications.

*Please see DGL's response on 11/1/2016, #2*



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9. Bid checklist on table 6, page 26 of the RFP) the submission must include:

a) Table 1 – Bidders Firm Name and Description

*This is required.*

b) Table 6- Acknowledgement and Submittal Checklist – *Would you like us acknowledge the addenda on this form? No specific place for acknowledgement included on documents?*

*Not necessary. By simply checking the boxes on Table 6, we consider acknowledgement for all docs.*

c) CERTIFICATION REGARDING DEBARMENT, SUSPENSION INELIGIBILITY & VOLUNTARY EXCLUSION (FORM AD-1048 (REV. 1/92) – *Is this also to be executed by our Subcontractors and included in our bid package?*

*Only the GC has to execute the Debarment form. It is not a requirement that each of your subs to have signed that document for the bid submission. However, before the final contract is signed between TLI and the GC, all subs and outside vendors will need to have signed the debarment document.*

d) Certification Regarding Anti-Lobbying.

*Only the GC has to execute the anti-lobbying form. It is not a requirement that each of your subs to have signed that document for the bid submission. However, before the final contract between TLI and the GC is signed, all subs and outside vendors will need to have signed the debarment and anti-lobbying documents.*

e) Bid Bond and submitted with Bid Signed and submitted AIA Document A310-2010.

*This is required.*

f) Bidders Cost Sheet

*This is required.*

g) Bidders Alt.Add Cost Sheet

*This is required. We also added a Alt. Sub cost as well. If you are not going to provide any alternatives, then state “no alternative bids provided.”*

10. There is some confusion as to other required documents, and to be safe we intend to also include:

a) AIA A305 – Qualification Statement

*Bidders must state they are qualified to do business in the Commonwealth Of Massachusetts. However, bidders do not have to submit the completed AIA A305 for bid submittal. TLI may request it at a later date, as discussed on pg. 15:*

*Bidders must demonstrate qualifications to perform the Work by being prepared to submit within five (5) days of Owner's request, written evidence, such as financial data, previous experience, present commitments, and other such data as may be called for below (or in the*



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*Supplementary Instructions). Some or all of this data may be requested as part of the Bid by inclusion of a Bidder's Qualification Statement in the Bid Forms that must be completed by all Bidders. Each Bid must contain evidence of Bidder's qualification to do business in the state where the Project is located or covenant to obtain such qualification prior to award of the contract (see Bidder's Qualifications Statement).*

b) Proposed Project Schedule/Timeline

*This is required.*

c) Information on our leadership and project team (CV/Resumes),

*This is required, although it doesn't need to a "formal" resume.*

d) References/Profiles of past similar projects.

*This is required.*

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10/26/2016

11. Does TLI have Steel Takeoffs?

*Yes and No. Yes, we do, but our Structural Engineer is out until 10/31/2016 and won't be able to produce the list until he returns.*

12. Who are the General Contractors who are considering bids for this project?

*AP Whitaker*

*Cape Building Systems*

*Dellbrook JKS*

*HV Collins*

*Page Building Construction*

*Williams Building Co*

13. Who is installing the Barn?

*TLI(the owner) is erecting the barn, including the cement pad. GCs are responsible for "stubbing" out water and electric to the barn, at a place designated by the Owner.*

14. Who is installing the 1500 gal and 7500 gal holding tanks?

*TLI (the owner) will install the 1500 gallon tank by the barn.*

*The GCs are responsible for installing the 7500 gallon holding tank..*

15. What size is panel P2A3B? What is size of the transformer feeding the panel? The panel and transformer is shown in the office area.

*[DGL response] P2A3B is a 208V 100A 3-phase 4-wire panel and is fed from a 30 kVA 480-208/120V transformer.*

16. Re Fire Protection: Duty flow is 1500gpm, but specification says contractor will verify/provide duty head/boost. The boost will drive the hp requirement for electric motor, and cost of soft start 460v controller etc

*[DGL response] 1,500gpm duty flow is to be used for bidding purposes. However, per specifications, Contractor to verify final design as they will be engineer of record for permitting. 'Contractor Suggested Alternate' can be provided if Contractor expects flow requirements to be significantly more or less than 1,500gpm.*

17. Re the "pump house" package: The price of the house can vary considerably depending on bells and whistles required, so not sure how to price that as an option. Any insight would be helpful.



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*[DGL response] Packaged pump house shall only include code minimum options: freeze protection, minimum required ventilation, etc.*

18. Is there a certain style and size of the ceramic tile floor material desired for the CT-1 going into the Retail Store area? The specification only lists the manufacturers.

*[DGL response] Style and size of ceramic tile floor material to be selected by Owner.*

19. Your recent updated list of RFIs noted that there is no MRF-3 in the Finish Schedule. There is MRF-3 indicated to go into the Office Corridor A100. If something else is going into this space, please advise. I stand corrected on #2, per the architects:

*TLI incorrectly responded there was no MRF-3. Its architects corrected us with their response:  
[DGL response] MRF-3 is indicated on the schedule for Office Corridor A100.*

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10/25/2016

1. Can we hand deliver

*Yes. Please make prior arrangements through email ([construction@thelivestockinstitute.org](mailto:construction@thelivestockinstitute.org)) or call Russ 781 820 3677*

2. Where are the rest of the RFI's

*T LI has asked its Architects and Designers for an update on the RFIs. We expect the responses by close of business Tuesday October 25, 2016. TLI will post the responses as soon as available.*

*Architects responses are in orange, italicized, and preceded with [DGL response]*

3. Is it the intention to have a separate dry system to protect the freezers and coolers or are they going to allow dropping dry pendent sprinkler heads into those areas off the wet system in the interstitial space? They are showing two separate risers on the fire protection drawings. Or are they looking for a pre-action system in these areas?

*[DGL response] Base design is to include dry pendent sprinkler heads off of the wet system above the insulated metal panel ceiling for the freezer and cooler areas. Two risers are shown on the drawings simply as a place holder; it is the Contractor's responsibility to determine quantity of risers required.*

4. Is there any commitment to Russells Mills Contracting? They have been very cooperative to me and I have nothing at all against them. Just thought we'd provide some additional opportunities to other site contractors that we've worked with. I also don't want to waste anyone's time

*TLI has NO commitment to work with Russells Mills excavating. If the Bidder has an excavation contractor that they prefer to work with, include that sub in the bid.*

*If, however, TLI wants an early start, it has an existing relationship with Russells Mills, and would ask them to continue the sitework. This was included as a subtractive bid.*

5. How tightly should we adhere to the specifications. We see some specifications and designs that could be done more efficiently or more cost effectively.

*If the Bidder can deliver the same specifications at lower costs through "value engineering," TLI welcomes (and encourages) such approaches and urges Bidders to include those alternative approaches in their Bid.*



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10/24/2016

1. Is there a Geotechnical Report available?

*Yes, click [here](#) (or find the geo-tech report on the website.)*

2. Questions asked by Bidders document indicates that the excavation company's scope of work for excavation would be released on October 10. Is it available?

*Yes, click [here](#) (or find Russells Mills scope of work on the website.)*

3. On Drawing A4.130, In regards to the canopy outriggers and posts, is there a required spacing?

*[DGL response] Dock Canopy support spacing shall be as indicated on drawing. Aesthetic canopy support spacing shall be maximum 4'-0" O.C. for bidding purposes; further analysis to be completed by Contractor at time of construction.*

4. The equipment schedules first item, CURING COOLER, has a Condenser with capacity requirement @ 194,000 BTU's yet the Model # provided is for a unit that can provide 74,000 BTU's connected to an Evaporator Coil with stated required capacity @ 6 Tons which equals 72,000 BTU's.

*[DGL response] Capacity listed on schedule (194,000 BTU) is an error. The listed model number with 74,000 BTU capacity is correct.*

5. SPEC SECTION 19850 paragraph 1.5 says that the owner will Pre-Purchase the equipment, then at paragraph 2 it says the refrigeration contractor will design, purchase and install the refrigeration equipment. Which one is it?

*The design of the refrigeration should be specified by TLI's Architects and Engineers.*

*The refrigeration is a bid ADDITION. If the Bidder has relationships with existing refrigeration vendors, the bidder is encouraged to include the cost of refrigeration in their bid. However, conversations with Bidders suggested that not all Bidders have relationships with Refrigeration vendors, nor expertise in managing the installation. Thus, TLI offered to purchase and install the equipment.*

6. Is this a DESIGN/BUILD job OR do you want the equipment schedule adhered to regarding capacities?

*This is a BUILD job. The design has already been done by TLI's engineers. The bid addition is for refrigeration (see #5, above.) TLI's process equipment schedules should be done as "owner supplied equipment". This is not included as part of the construction bid package. However, if Bidders are encouraged to propose alternatives should they see opportunities to reduce cost without impacting functionality on other equipment, (e.g., HVAC, fire protection, etc)*





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10/21/2016

1. Pages RFP 27-49 blank reference other sections

*When TLI assembled the Bid Document, it was unable to merge the USDA and AIA contracts into the Bid Document. Thus, it included "blank section separators" in the Bid Document to ensure bidders would realize that additional contract documents should be included in the Bid Package*

2. Refrigeration Specs are not detailed enough

*Pending response from TLI's Architects/Engineers*

- a) In regard to not having any refrigeration specified for the Breaking and Fabrication (P105) room:

*TLI's will confirm if this was moved over to the HVAC scope of work.*

- a. Room temperature 45 deg. F.

- b) In regard to the capacities and loads we discussed below is what we have projected.

- a. Carcass Chill Cooler (S102)

- i. Room temperature 34 deg. F.

- ii. Capacity is 30 head of Beef one beef per hour will be going into the cooler at a temperature of 104 deg. F. Average weight per head is 800 Lbs. 400 Lbs. per side.

*[DGL response] All cooling and heating in the Breaking and Fabrication Room (P105) will be performed by AHU-01. As noted on the mechanical drawings, Contractor shall provide matching condensing unit for AHU-01 with all required accessories, control valves, and controls. Vendor/Contractor shall engineer and furnish drawings, install details, and data for all interconnecting piping, tubing, and wiring to make a complete operational system. Contractor responsible for complete install.*

- b. Sales Cooler (S103)

- i. Room temperature 34 deg. F.

- ii. Capacity is 82 head of beef, 8 head of beef (16 sides) will be transferred into this cooler from the chill cooler (S102) per day, temperature of carcasses will range from 40-45 deg. F.

- iii. 8 head of beef (16 sides) will be pulled from the sales cooler into the Breaking and Fabrication (P105) room per day, 1 per hour. Temperature of carcasses will range from 36-40 deg. F.

*[DGL response] The 16TR shown in the load summary is an error based on original flow rate of 2,375 lbs/hr. Condenser and evaporator models listed in schedule are correct for cooling load of 8TR with product flow rate of 800lbs/hr.*

- c. Curing Cooler (P106)

- i. Room temperature 36 deg. F.

- ii. 200 lbs. per hour will enter this room at a temperature range of 36-40 deg. F. same amount will be removed.



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- d. Hot Product Room (P108)
  - i. Room temperature 34 deg. F.
  - ii. 200 lbs. per hour will enter this room at a temperature range of 120-160 deg. F. same amount will be removed.
- e. Packaging Room (P109)
  - i. Room temperature 45 deg. F.
  - ii. 200 lbs. per hour will enter this room at a temperature range of 40-45 deg. F. same amount will be removed.
- f. Chilled Box Cooler (S105)
  - i. Room temperature 28 deg. F.
  - ii. Capacity is 7,500 Lbs.
  - iii. 500 lbs. per hour will enter this room at a temperature range of 40-45 deg. F. same amount will be removed.
- g. Frozen Box Cooler (S107)
  - i. Capacity is 11,000 Lbs.
  - ii. 350 lbs. per hour will enter this room at a temperature range of 40-45 deg. F. same amount will be removed.
  - iii. Room temperature -20 deg. F.

*[DGL response] Equipment for frozen boxed freezer was selected based on 5,000lb/day (625lb/hr). 5,000lb/day results in cooling load of 12TR including 20% safety factor.*

- c) Updated list of refrigeration contactors

*One of TLI's refrigeration contractors recused itself from the bid. TLI will republish the list on or before October 26, 2016*

Refrigeration	Contact	PHONE #	EXT.	E-MAIL
New England Marine Engineering & Supply, Inc.	Paul Nosworthy	508-509-8678		<a href="mailto:paul@nemesinc.com">paul@nemesinc.com</a>
DG Service Company	Grace Knox	508-758-7906		<a href="mailto:gknox@dgservicecompany.com">gknox@dgservicecompany.com</a>
Triangle Refrigeration	Tom Richardson	508-679-4540		<a href="mailto:tom@triangleref.com">tom@triangleref.com</a>

- d) No refrigeration specified for the cut floor

*[DGL response] Correct, no refrigeration in Kill Floor.*

- 3. Some of the subs want a list of GCs bidding project

*Subs should contact Russ or Darrin ([construction@thelivestockinstitute.org](mailto:construction@thelivestockinstitute.org)) We will send the Bidder contact information to them directly.*



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10/20/2016

## 1. Steelwork:

*The following questions are pending response from TLI's Architects/Engineers*

- a. Columns (2) on the North side, offset of Col line A (at Entrance Canopy) – what is their top of steel elevation?

*[DGL response] Columns frame into the underside of the W8x28 as shown on detail 2/S1.201.*

- b. Columns (2) on the East side, offset of Col line 3.8 between Col lines A/B (at Employee Canopy) – what is their top of steel elevation?

*[DGL response] Columns frame into the underside of the roof perimeter beam. Provide clips similar to top of wind column detail and offset as required.*

- c. Drawing S1.300 (high roof framing plan) – please confirm that Detail 2/S3101 (bent plate) is continuous around entire perimeter of high roof. No detail markers are shown cut on the South side.

*[DGL response] Confirmed, bent plate is continuous around entire roof perimeter.*

- d. Drawing S1.201 – I believe the intent is to indicate a hip roof framing plan (C) with framing members off a ridge and hip members. (C) High Framing Plan (if I'm correct) is all wrong as is Section (1). I believe a ridge beam member is missing and the direction of the roof framing is wrong. Does this change the size of the members or other details? Please confirm all the aforementioned and forward corrected framing plans and details/sections.

*[DGL response] The horizontal framing members are purlins for the roof panels; the drawing correctly shows the roof framing. Section 1/S201 is up against the wall at column line "B" and correctly shows the roof purlins spanning north-south. The two MC7x22.7 roof purlins spanning north-south at the peak of the roof are in lieu of a ridge beam.*

- e. Drawing S3.002 – Detail 3 & Section Detail 4/S3.101: please confirm all perimeter lines and floor levels where bottom flange braces are required, size and spacing i.e. 48" oc (etc.)

*[DGL response] Detail 3/S3.002 is at locations in plan labeled "BFB". Detail 4/S3.101 is intended at all wind columns.*

- f. Drawing S3.101 – please let the architect know he has (2) Sections indicated as (7). I believe the bottom most Section on the sheet is supposed to be (6) for Mezzanine framing plan on 2/S1.200. If something different please advise.

*[DGL response] Correct, detail should be titled "6".*

- g. Drawing S5.101 Section Detail (H): are stiffeners required typically at all beams above midpoint of brace plate?

*[DGL Response] For bidding purposes assume no stiffeners are required above the brace plate.*



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10/19/2016

1. Will you have a revised site plan showing what work has been done to date?

*TLI does not have a site plan that is updated. Most of the site work has been minimal.*

*This is the work done to-date:*

- *Cut a roadway to 3+00*
- *Cleared trees and brush for the building site and road (work to be bid includes stumped, graded, drainage, runoff control, etc.)*
- *Connected house @ 291 State Road to municipal water.*
- *Applied for utilities with National Grid, Liberty Utilities, telephone pole move with Verizon, and started the process with the Town of Westport.*
- *Talked to the Westport Building Inspector -- he is aware of the project.*

2. Do you have any site borings?

*Yes, click here:*

[http://www.thelivestockinstitute.org/uploads/4/9/9/2/49923305/geotech\\_westportsemala2\\_20160719.pdf](http://www.thelivestockinstitute.org/uploads/4/9/9/2/49923305/geotech_westportsemala2_20160719.pdf)

3. Sheet P1.001, General Notes #2 calls out for alternate pricing for underground systems. Is that pricing still being requested?

*Yes. TLI seeks to find more cost effective (and approved, or approved via variance) underground systems than cast iron.*

4. Sheet S0.002, Item #19 states that metal fabricators and erectors be AISC certified. Is there any possibility of having the certification waived?

*TLI and its Architect prefer all fabricators and erectors be AISC certified. However, if the Bidder feels that their vendor has experience and can produce superior product at lower cost, then please include the bid. Note, The Owner and its Architects will decide if the vendor is acceptable for the project.*

*[DGL response] It is recommended that this certification not be waived. If fabrication shop is not certified by AISC all of the steel fabrication inspections indicated in IBC Section 1704 and other sections of Chapter 17, including bolting, welding, quality control, material certification, material verification, etc. will be required. This would require the presence of an inspector in the shop to perform periodic inspections throughout the fabrication process.*

5. There is an alternate for the Refrigeration systems. I am looking for a little clarity to see if these systems are all inclusive of the insulated walls as well or just the actual refrigeration equipment and piping?



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*TLI wants Bidders to separate, if possible, costs of insulated walls from the refrigeration equipment. This allows TLI to match the cost of construction (walls, panels, electrical, etc.) and equipment to construction and equipment loans.*

6. In Section 096723 of the specifications Para 2.05 Decorative Resinous Flooring – (“MRF-3 –Per Room Finish Schedule).

*Pending response from TLI’s Architects/Engineers. However, there is no MRF-3 in the room finish schedule because MRF-3 is not required.*

7. There is no “MRF-3” Noted in the Room Finish Schedule.

*There is no MRF-3 in the room finish schedule because MRF-3 is not required.*

*[DGL response] MRF-3 is indicated on the schedule for Office Corridor A100.*

8. Please advise where this Resinous Flooring is located

*[DGL response] See above. Owner may want to continue application of MRF-1 in this area to match the rest of the plant, please provide an additive or deduct alternate to use MRF-1 in Office Corridor A100.*

9. please advise what underlayment is required under “MRF-3”

*Pending response from TLI’s Architects/Engineers. However, there is no MRF-3 in the room finish schedule because MRF-3 is not required.*

*[DGL response] Owner may choose from the following products: Flowfresh Ultra Flake, Flowfresh SRQ, or Flowfresh TZ. Please include the cost of using any of the above products in the base bid. Preparation and installation per manufacturer’s recommendations.*



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10/11/2016

1. Bid Due date extended to Wednesday November 2, 2016, 12:00 p.m.  
*At the request of the bidders TLI has extended its bid due date to November 2, 2016 at 12:00 pm Eastern. As before, bids can be either mailed, or hand delivered. (Please let us know if you plan to hand deliver.)*
2. List of Work that has been done to-date (as of 10/1/2016)  
*TLI has done the following work to-date:*
  - *Cut a roadway to 3+00*
  - *Cleared trees and brush for the building site and road (work to be bid includes stumped, graded, drainage, runoff control, etc.)*
  - *Connected house @ 291 State Road to municipal water.*
  - *Applied for utilities with National Grid, Liberty Utilities, telephone pole move with Verizon, and started the process with the Town of Westport.*
  - *Talked to the Westport Building Inspector -- he is aware of the project.*
3. Site Work, Excavation, Roadway -- Bid Alternate Addition or Subtraction  
*TLI's project manager (Russell Iuliano) is a licensed Massachusetts Construction Supervisor (CS - 074185). He is willing to pull the permit and start the roadway construction and site stumping if bidders can't start right away. As part of a Bid ALTERNATE. As part of your bid, please specify that you want TLI to do this work so note it as a Bid Alternate Subtraction, or create a Alternative Addition to the bid to include this work. See Excavation FAQ, below, for the scope of work.*
4. TLI is a tax-exempt organization  
*TLI has filed as a nonprofit organization, and has filed its tax-exempt application with the appropriate authorities. This job should be considered a tax-exempt job.*
5. This bid is NOT a prevailing wage bid (Davis-Bacon Act)  
*USDA verbally confirmed on 10/7/2016 that this bid is NOT subject to the prevailing wage act. (TLI received written confirmation on 10/11/2016.)*
6. Barn -- Site grade and utility raceway required (Owner to purchase and erect barn)  
*The barn will be pre-manufactured building. Contractor bids should include (a) grading for the barn site, and (b) pulling raceways for water, and electrical service to the barn. TLI (Owner) will be responsible for purchase and construction of the barn.*
7. Equipment: Bidders to "stub" out utilities; Owner purchases and installs equipment)



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*The Owner (TLI) will bid for the purchase and installation of all equipment necessary to operate the facility as a slaughterhouse -- except refrigeration. Construction Bids should include stubbing out utilities, mechanical, and structural systems at TLI specified locations. TLI's equipment installers will be responsible for the final connections. TLI will provide exact locations for all utility drops prior to construction. Refrigeration is a bid alternate addition*

## 8. Refrigeration Contractor Contact Information

*TLI considers refrigeration as an Alternative Addition to the bid. For bidders who don't have refrigeration subs, the following is a list of refrigeration contractors that TLI has been in contact with. Bidders are welcome to contact them. The list is in no particular order.*

*Paul Nosworthy; Office 800-540-8893; Fax 508-999-0162; Office 508-993-8883*

Refrigeration	Contact	PHONE #	EXT.	E-MAIL
New England Marine Engineering & Supply, Inc.	Paul Nosworthy	508-509-8678		<a href="mailto:paul@nemesinc.com">paul@nemesinc.com</a>
DG Service Company	Grace Knox	508-758-7906		<a href="mailto:gknox@dgservicecompany.com">gknox@dgservicecompany.com</a>
Triangle Refrigeration	Tom Richardson	508-679-4540		<a href="mailto:tom@triangleref.com">tom@triangleref.com</a>

## 9. Site Work, Excavation, Roadway Scope of Work

*The excavation company that did the initial work, Russells Mills Contracting (508-997-4242) has offered to work with any interested Bidder. Their scope of work for excavation will be released tomorrow, October 10, 2016, on this site.*

## 10. Owner's Desired Opening Date - April/May 2017

*The Owner, TLI, would like to open the facility for business in the spring time -- May 2017. (They acknowledge this is VERY aggressive date.)*

## 11. Architects and Sub Consultants -- The Dennis Group

*TLI's architect, and associated sub-specialty design work is with The Dennis Group, 1537 Main Street, Springfield, MA 01103 (413.787.1785). TLI's contact is Ryan Pieczarka ([pieczarka@dennisgrp.com](mailto:pieczarka@dennisgrp.com))*



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12. RFI (Request for Information) -- send request to TLI ([construction@thelivestockinstitute.org](mailto:construction@thelivestockinstitute.org))

*Send all RFIs to TLI via email -- [construction@thelivestockinstitute.org](mailto:construction@thelivestockinstitute.org). TLI will bring in its Architects or Consultants as needed.*

13. What criteria will the Owner use to award the contract?

*TLI will consider lowest bid and overall best value as two of its decision criteria to award the contract. Thus, Bidders are encouraged to offer the Owner alternatives that the Bidder considers a best value that optimizes cost while maintaining or enhancing results (also known as Value Engineering).*

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