

FACILITIES MANAGEMENT

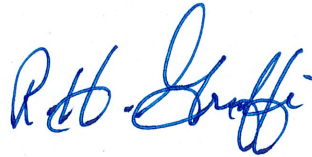
Dr. Robert L. Yeager Health Center
50 Sanatorium Road, Building A
Pomona, New York 10970
Phone: (845) 364-2958 Fax: (845) 364-3810

Robert H. Gruffi, P.E. LEED AP
Director, Facilities Management

DATE: June 7, 2022

TO: All Bidders

FROM: Robert H. Gruffi, P.E., LEED AP
Director, Facilities Management



SUBJECT: Capital Project 1483, Construct New Animal Shelter Building
Addendum #16 – Answers to all submitted questions

=====+=====

ADDENDUM #16

This Addendum Consists of Answers to all submitted questions.

This Addendum is hereby included in and made part of the Contract whether or not attached thereto. All requirements of the original Specifications and Drawings shall remain in force except as noted by issued Addenda.

Please sign and return this as acknowledgement of receipt of this Addendum to the Facilities Management Office (845-364-3810) or EMAIL: fmcapital@co.rockland.ny.us.

Name

Company

Date

COUNTY OF ROCKLAND FACILITIES MANAGEMENT BLDG. A., 2 nd FLOOR, 50 SANATORIUM RD, POMONA, NY 10970 PHONE: 845-364-2958 / FAX: 845-364-3810		PAGE: 2
CAPITAL PROJECT NUMBER: 1483		BID NUMBER: RFB-RC-2021-1483-001
PROJECT: CONSTRUCTION OF NEW ANIMAL SHELTER		

BID QUESTION FORM

**ALL QUESTIONS PERTAINING TO THIS SOLICITATION MUST BE
 SUBMITTED IN WRITING
 QUESTIONS WILL NOT BE ADDRESSED VERBALLY**

PLEASE USE THIS FORM AND FAX TO: 845-364-3810

**Attention: ROBERT H. GRUFFI, P.E., LEED AP
 DIRECTOR, FACILITIES MANAGEMENT**

WE WILL RESPOND AS SOON AS POSSIBLE.

Bid No. RFB-RC-2021-1483-001
 Date: 4/28/2022
 Contractor: UNITY ELECTRIC
 Fax No. 973-470-0838

DO THE FOLLOWING TASK FALL UNDER THE
GC OR ELECTRICAL CONTRACT?
 1. LIGHT POLE BASES
 2. EXCAVATION
 3. GENERATOR PAD
 4. CONCRETE ENCASUREMENT

Per Addendum #14, all work shall be performed under one contract
 -Facilities Management 5.11.2022

CONTRACTOR'S REPRESENTATIVE Tom JELENIEWSKI
732-407-7994
TJELENIEWSKI@UNITY14.COM

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**Attention: ROBERT H. GRUFFI, P.E., LEED AP
DIRECTOR, FACILITIES MANAGEMENT**

WE WILL RESPOND AS SOON AS POSSIBLE.

Bid No. _____

Date: 1-27-22

Contractor: Mehl electric

Fax No. 845-735-0153

CAN YOU PLEASE CONFIRM THE BID OPENING WILL HAPPEN 2/3/22 AT 11AM. ALSO CONFIRM THE LOCATION OF

THE BID OPENING AND WHERE WE ARE TO DROP SEALED BIDS OFF AT. CAN YOU ALSO PROVIDE ZOOM LINK

TO HEAR RESULTS DUE TO COVID SO WE CAN SEE BID OPENING ONLINE. THANK YOU

<p>1. BIDS ARE RECEIVED AT THE LEGISLATURE OF ROCKLAND COUNTY, AT ITS CHAMBERS IN THE ALLISON-PARRIS COUNTY OFFICE BUILDING, 11 NEW HEMPSTEAD ROAD, NEW CITY NY 10956, AT WHICH TIME THEY WILL BE PUBLICLY OPENED AND READ</p> <p>2. NO ZOOM LINK HAS BEEN PROVIDED</p> <p>-FACILITIES MANAGEMENT 5.11.2022</p>

CONTRACTOR'S REPRESENTATIVE CARLOS FLORES

COUNTY OF ROCKLAND FACILITIES MANAGEMENT BLDG. A., 2 nd FLOOR, 50 SANATORIUM RD, POMONA, NY 10970 PHONE: 845-364-2958 / FAX: 845-364-3810		PAGE: 2
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**Attention: ROBERT H. GRUFFI, P.E., LEED AP
DIRECTOR, FACILITIES MANAGEMENT**

WE WILL RESPOND AS SOON AS POSSIBLE.

Bid No. RFB-RC-2021-1483-001

Date: 2/1/22

Contractor: Southeast Plumbing Corp.

Fax No. pm@southeastmech.com

Specification 221119 page #10 under "installation" 3.1 B Line #4 states "domestic water services 3" and larger that contain a backflow preventer shall have two backflows for redundancy."

Please clarify if the plumbing contractor is to carry the cost of labor and material to install two backflows for the domestic water line and two backflows for the fire suppression line to be installed in the single hot box?

CU 101 shows a 2" Domestic water service only and 4" Fire service.
 "Proposed 4" Double detector Check Assembly and 5/8" Bypass Meter for fire service and 2" RPZ backflow preventer and meter for domestic service housed in hot box as per Suez water NY Rules and Regulations
 -FACILITIES MANAGEMENT 5.11.2022

CC

COUNTY OF ROCKLAND FACILITIES MANAGEMENT BLDG. A., 2 nd FLOOR, 50 SANATORIUM RD, POMONA, NY 10970 PHONE: 845-364-2958 / FAX: 845-364-3810		PAGE: 2
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**Attention: ROBERT H. GRUFFI, P.E., LEED AP
DIRECTOR, FACILITIES MANAGEMENT**

WE WILL RESPOND AS SOON AS POSSIBLE.

Bid No. RFB-RC-2021-1483-001

Date: 1/14/22

Contractor: Southeast Plumbing Corp.

Fax No. pm@southeastmech.com

Plumbing drawing P101 shows below grade sanitary and vent piping inside of building.

Addendum #5 A question was asked by Joe Lombardo Plumbing & Heating stating

"Please confirm that sanitary piping shown on drawing P1.01 to be run above ground with Cast

iron pipe stainless steel couplings"

Your answer was: "All vents and pipes in walls shall be cast iron."

Per spec section 221316 part 3.2 paragraph D & E states PVC pipe and fittings can be used for

above ground vent piping and below ground sanitary & vent piping.

Please clarify what material is to be used for vent and below grade sanitary piping.

The Addendum supersedes the specification. All vents and piping shall be cast iron.
 -FACILITIES MANAGEMENT 5.11.2022

CONTRACTOR'S REPRESENTATIVE Ray Klotz

Contractor: Andron Construction 3/3/2022

Responses :

1. Is a 5% or 10% Bid Bond required? There is a conflict in documents.

"10% per Notice to Bidders" - FM 6.7.22

2. Does this project have any W/MBE requirements? No information can be found in spec.

"There are no W/MBE Requirements" - FM 6.7.22

3. There is a Room C102 on drawing A1.01, but not in the finish schedule, please provide info.

The finish schedule should have C102 as Corridor. Same as C103

4. There is no Room C115 on drawing A1.01, but it's on the finish schedule, is there such a room?

The finish schedule should not have C115. omit from schedule

5. On RCP plan, (A1.06), Room 130 shows "fire resistive ceiling" on plan, but Finish Schedule indicates ACT 1. Which is correct? There is no cross section thru this room, what are the components of the "fire resistive ceiling"?

The finish schedule should have read fire resistive construction for this room. The ceiling system is by Armstrong. Use PRELUDE XL Fire Guard 15/16" with Ultima Lay-in fire resistant ceiling tiles. This suspended ceiling is to hang 12" from the metal deck at the lowest point.

6. Door Schedule does not list specifics for Door C107 (door and frame types, finishes, and head/jamb details are missing).

Door C107 shall match door C/107A of the finish schedule>

7. There appears to be millwork by GC in Rooms 119, 131 and 143 per A1.03, but there are no elevation references, Please define scope in these rooms.

The Drawing A1.03 should not show millwork in these storage rooms.

8. Reference Room 107. Drawing A1.04 shows 6 cat condos (335.00) in plan and 6 are also indicated on elevation 5W/A6.00, but Elevation 5W/6.00 also indicates 12 cat condos total Please provide model # for specified product (none shown on A901) and clarify how many such items (based on Model #) are required in this room.

A1.04 equipment plan was mislabeled with a 335.00 tag for each plan unit rather than two tags per plan unit. They are stacked one above the other. This is shown on the elevations 5W/A6.00 which states 6 condos top and 6 condos bottom. All 12 are 36" wide, 335.00 as shown on the equipment schedule.

9. Reference Room 108. Drawing A1.04 shows 5 cat condos (335.00) in plan and 5 are also indicated on elevation 8E/A6.00. but Elevation 8E/A6.00 also indicates 10 cat condos_ total. Please provide model # for specified product (none shown on A901) and clarify how many such items (based on Model #) are required in this room.

A1.04 equipment plan was mislabeled with a 335.00 tag for each plan unit rather than two tags per plan unit. They are stacked one above the other. This is shown on the elevations 8E/A6.00 which states 5 condos top and 5 condos bottom. All 10 are 36" wide, 335.00 as shown on the equipment schedule.

10. Drawing A1.04 refers to "exterior grade cat play structure" at Rooms 110A through 116A, but no details are given. What is this structure? Please provide details.

The Cat Play structure at the exterior porches has been removed from the project

11. Reference Room 121. Drawing A1.04 does not reference cat condos in plan, and elevation 3W/A6.01 indicates 3 oat condos (335.00), but the elevation also indicates 6 total cat condos. Please provide model # for specified product (none shown on A901) and clarify how many such items (based on Model #) are required in this room.

A1.04 equipment plan was mislabeled with a 335.00 tag for each plan unit rather than two tags per plan unit. They are stacked one above the other. This is shown on the elevations 3W/A6.01 which states 3 condos top and 3 condos bottom. All 6 are 36" wide, 335.00 as shown on the equipment schedule.

12. Reference Room 133. Drawing A1.04 does not reference cat condos in plan., and elevation 11N/A6.01. indicates 5 cat condos (336.00), but the elevation also indicates 10 total oat condos. Please provide model # for specified product (none shown on A901) and clarify how many such items (based on Model #) are required in this room.

A1.04 equipment plan was mislabeled with a 335.00 tag for each plan unit rather than two tags per plan unit. They are stacked one above the other. This is shown on the elevations N11/A6.01 which states 5 condos top and 5 condos bottom. All 10 are 36" wide, 335.00 as shown on the equipment schedule.

13. Reference Room 135. Drawing A1.04 does not reference cat condos in plan, and elevation 14N/A6.01 indicates 5 cat condos (335.00), but the elevation also indicates 10 total cat condos. Please provide model # for specified product (none shown, on A901) and clarify how many such items (based on Model #) are required in this room.

A1.04 equipment plan was mislabeled with a 335.00 tag for each plan unit rather than two tags per plan unit. They are stacked one above the other. This is shown on the elevations 14N/A6.01 which states 5 condos top and 5 condos bottom. All 10 are 36" wide, 335.00 as shown on the equipment schedule.

14. Equipment Item 330.01 could not be found on the drawings, where is it located?

Item 330.01 should not be on the equipment schedule and is not used on this project

15. There are no Equipment 390.00 shown on plans (although listed in equipment schedule). Are these intended to be item 391.00 shown as the outside doors at the housing wards? Please specify product, it appears to be custom with no info given.

The item 390.00 is mislabeled on the schedule. This item should read 391.00. It is a door transfer gate that is specified in the row of 390.00. Also see detail 42/A8.03 for more info.

16. There is an equipment item 716.00 in Oxygen room that is not on the Equipment Schedule on A901. Are we to provide it? If so, please specify.

Item 716.00 should have been on the equipment schedule; it is the manifold for the oxygen tanks to connect with the med gas line. The item is by Beacon-Madeus #SSB-801-02.

17. Please specify Mop Shelf 821.00. as shown on A9.01.

Utility shelf with mop/broom holders and rag hooks by Bobrick B-239.

18. The fencing at the exterior cat porches (as outlined on A1.01) and shown in Elevation 1/A2.00 does not seem to be identified on the drawings, and it is not identified on the Equipment schedule as well. Which specification is applicable to this fencing, which appears to occur at the front of each communal cat porch as well as the dividers between the porches.

This is a shop fabricated wire mesh partition with steel frame supports as called out on A1.01. The intent is to be a galvanized steel enclosure for the play porch and the wire mesh should be 2"x2".

19. At which fencing/gates is Specification 323219.1 applicable?

This is the specification for the Omega II decorative metal fence for the yard enclosure as shown on drawing CS101

20. The following signs on A9.02 do not appear to have a sign type on the schedule; #12, 14, 16, 18, 20, 22, 24, 43, 86, 88, 97 through 111, and no such sign appears on the plan on this page. Is a sign required at these locations, and if so, which type?

These numbers do not have corresponding signs on the plans. #12, 14, 16, 18, 20, 22, 24, 43, 86, 88 are not used. 97 through 111 are also not used.

21. Please define (clarify components) of the concrete slab (including reinforcing) and subgrade at the exercise runs (cat porch and exterior runs). These slabs are not defined on the structural or civil drawings (which refer to Arch drawings), but the components are not fully defined there either.

Exterior concrete slabs shall be as specified under cast -in-place concrete of S0.1 General Notes

22. What is the height of tile wainscot at Room 137, finish schedule does not define?

The Height is 6'-0"

23. The following exterior rooms receive CT-1 tile per the Finish Schedule; 136A, 137A, 177A, 178A, 181A, 182A (the exterior exercise runs). These rooms appear to have either divider panel, exterior door, or exterior building wall, as their perimeter walls. Please clarify which walls/dividers receive this tile wainscot.

Only the masonry walls receive the CT-1. The divider panels are installed after the tilework has been installed over the masonry walls.

24. There is a window shade spec, but no schedule that indicates where shades are required. Please clarify extent of shades.

The location of the shades has not been determined by the County.

25. Please provide section cut of roof thru the crematorium (see A1.07). It is unclear what the roofing material is above the crematorium, and there appears to be parapet walls surrounding it, but no details for the walls.

This detail is on revised A4.06 issued under addendum #1

26. The column schedule on S1.1 does not indicate top of steel. What is top of steel for, each of the columns

Top of column shall be as shown on revised drawing S3.0 as issued under addendum #1

27. Where is the structural diagonal bracing required. Elevation AA as shown on S1.2 does not appear to be referenced on the plans anywhere.

Elevation AA on sheet S1.2 is shown at tag A/S1.02 at the entrance vestibule.

28. There is an entry mat spec, but none can be found on drawings. Where are they required

"County of Rockland will provide" FM 6.7.22

29. Spec 042221 asks us to provide color and texture of Architect sample at exposed faces of CMU. What does the sample look like? Is this block split face, or ground face block? Colored? Please provide spec (manufacturer) of block.

This is to be a ground face block by Trendstone as specified in section 04 22 50

30. Spec 042250 includes architectural CMU and ground face CMU. Where do these units need to be used? The partition schedule gives no indication of which masonry spec sections are applicable to which block on the job (i.e., type of block is not shown on partition schedule). This spec also indicates both ground face and polished units. Where is each type used? Also, there appear to be two different ground face units specified (Jandris and Trendstone), please indicate where each is used.

The type and location of the masonry shall be as shown on detail sheets A4.01, A4.02, A4.05, A8.02 and

31. The exterior of the building has a 4" Face CIVIU veneer, per typical Detail 11/A802. Which spec is applicable to this 4" face veneer? Specify product, including manufacturer, color, and face texture

The 4" masonry veneer shall be ground face block by Trendstone as specified in section 04 22 50

32. Drawing Elevations appear to show both a cementitious panel (unlabeled between A,3 and F Lines on 2/A200)• and board siding (Item 1 on A200). The panel appears to be sized in Spec 074510-2.3, but there is no information on the board siding. Please provide. Which product is used at the vertical walls (mounted on CFMF truss) per 3/A4,02.

There are two types of cementitious panels as per drawing A4.0 and A4.01. Type A shall be By Nichiha (designer series), and Type B shall be Hardie Board – basis of design (horizontal Siding with 6" exposure). The remaining cementitious panels shall be type B.

33. Vapor barrier at walls per spec 072132 is required on the interior side of exterior walls, but the drawing sections show an 'air barrier", on the outside face of stud-wall and a "vapor barrier" on the outside face of CMU wall, but no barrier on inside face of wall. Clarify where barriers are required at each type of wall (stud vs CMU), and which product is used on stud-wall, versus CMU walls.

All tags for "vapor barrier" on some of the details are incorrect. A weather barrier shall be used on the face of rigid insulation on exterior masonry walls and face of sheathing on exterior stud walls. Any references to "air barrier" or "vapor barrier" shall be a weather barrier.

34. Which insulation, in Spec 072103 (several products are listed) is applicable to the acoustic insulation required in drywall partitions, as shown on A7,00

Acoustic insulation is specified under 09 81 10.

35. Where is the "wood clad soffit detail" referenced at Waiting Area 106, on Drawing A1.06? Which spec is applicable to the wood cladding material.

The wood soffit is shown in detail 1/A4.03 and called out as finished wood trim. All wood trim shown in this detail shall be ¾" walnut. Finish shall be natural satin polyurethane. Specification section 06 40 20 - Interior Architectural Millwork shall apply to these details.

36. Addendum #5 mentions felt sound absorptive panels at Waiting Area 106, but no panels could be found on wall elevations for that room, or on the reflected ceiling plan. Clarify extent of those panels (Zintra "Box Tiles" per Add #5)

The Zintra panels shall be used on the walls of the Waiting Area 106 and the surface of the light well of the ceiling.

37. The spec does not specify tile selections for PT-1, PTB-1, CT-1, and the Finish Schedule refers us to the spec. Please specify tile finishes.

Color and size of tile shall be as selected by architect during construction.

38. Spec for ACT-1 indicates two separate models, #1942 and #1944, but there is only one such ACT-1 designation on the drawings. Where is the #1942 located versus the #1944 tile.

The Specification state ACT-1 and ACT-2 incorrectly. The correct nomenclature is as follows : ACT-1 = 2x2 Tegular panel #1942, ACT – 2 = 2x4 Tegular panel #1944, and ACT-3 = Ultima #1946 for wet locations. The finish schedule shows all 3 types on the legend. ACT-3 shall be used for rooms no. 146, 147, 149, 150, 151, 172, 173. The panels for these rooms were shown incorrectly on the finish schedule.

39. We assume Spec 096514.2 is not applicable to this project, there does not appear to be any vinyl plank flooring on the project. Confirm

Correct. Omit Spec Section 09 65 14.2 from the project.

40. There are no specific sheet vinyl selections for SV-1 and SV-2 in Spec 096515, and the Finish Schedule refers us to the specification. Please specify sheet vinyl flooring and, base.

SV-2 is not used in this project. SV-1 is the sheet vinyl used and is shown on drawing A1.05

41. Equipment Item 516.04 indicates NIC in the Model column, but also indicates we are to furnish and install. Which is correct? If we are providing, please provide model number.

Item 516.04 Centrifuge – Fecal equipment cut sheet is attached to these responses.

42. Reference Cf.11.01. It appears the W, FW, E, and G service lines run parallel up the road to the building for a long run. There is no common trench detail. Do each of these services need their own trench, or can a common trench be dug once, pipe installed, then trench backfilled only once? If so, please provide typical detail/pipe spacing, etc. Note that the GC owns the excavation and backfill only, piping is provided by others.

"See Civil Drawings for utility trench details. Spacing of utilities shall be as per 2020 NYS Building Code and local utility requirements" -FM 6.7.22

43. Section cuts and wall details indicate a "building paper underlayment" under the standing seam roofing (e.g., 1/A4,03). The standing seam roofing spec indicates both a felt underlayment and a self-adhering high-temperature underlayment, Which is

required, and is it required over the whole area of the standing seam roofing? Is fire barrier board required.

Felt underlayment is required for the entire standing seam roof. Self-adhering underlayment is required at the eaves from edge of roof 2'-0" up towards the ridge.

44. The coping shown on A3.01 is listed as "preformed fiberglass", but in Section 4/A4.04 the same coping is listed as cast stone. Which is correct? If fiberglass, please provide spec.

Drawing A3.01 is incorrect. The coping shall be cast stone. Preformed fiberglass is not used in this project.

45. Reference 1/A4.03, what is the wood species of the trim shown? Is it painted or stained
Refer to #35 response

46. Clarify extent of detail 41/A7.02. Does this occur at the base of ALL architectural fencing (Omega II), as shown on CS101? Or just at the architectural fencing where synthetic grass is shown? Does it occur at the divider fencing between the dog runs as well? Which spec is applicable to the 12" x 12" paver shown? Does the 12" x 12" paver occur just at the fence posts, or along the full line of fence.

The omega II fence is shown on Site Plan CS101. The detail 41/A7.02 shall be used between the exercise Yard with K-9 grass the exterior dog runs of concrete slab.

47. Confirm CG101 shows all storm drain piping for bid purposes. Our bid set of documents contains a Site Plan by Comfort Design, Inc (Sheet No. 1 of 2) dated 10-14-21 that shows a much different storm drainage layout

CG101 is the correct drawing showing the storm water system. This drawing was revised DT:11-12-21 and issued under addendum # 2.

Contractor: Andron Construction 3/7/2022

Responses :

1. The following equipment items on A9.01 are not fully specified with a Model #. Please specify;
334.00, 335.00, 516.02, 517.02, 565.00.

Item 334.00 – Avian cage by Snyder ATC 30"x30"x60"

Item 335.00 – Cat Condo by Mason, Raintree.

Item 516.02 – Centrifuge Micromhematocrit by Eppendorf, Minispin or LW scientific combo V24T centrifuge

Item 571.02 – Microscope by swift M10 Microscope

Item 565.00 – Bottle Carrier by Hodrosurge Bathpro 5.1

2. No information could be found online for Equipment Items 750.01 and 750.02. What are these, we need more information to be able to price.

Items 750.01, and 750.02 are by Spray Master Technologies

Tracy Cantrell, SMT Sales Manager- Animal Care Division Mobile- 970-590-5642

3. Building sections show a 2" composite polyiso insulation board with bonded sheathing, specified as Huber Zip R Sheathing. The spec however, indicates a 7/16" OSB layer with 2.5" of insulating board (at most locations on the building), making for a 3" thick product overall. Confirm the total thickness of the insulating board required and the thickness of the OSB.

The specification is correct. The section drawings for this item was mislabeled.

4. Spec Section 010000 indicates we are picking up the costs of all permits, Confirm if that includes the Building Permit.

"County of Rockland to issue all Building Permits only, at not cost to the contractor." FM 6.7.22

5. Temp fencing shows on Drawing CD 101. Is this all the fencing required, or does the entire construction site need to be enclosed in fencing?

"The entire site needs to be protected by temporary construction fence." FM 6.7.22

6. This is a 1 story building. The General Trades Contractor does not need a hoist or temporary elevator to prosecute our work. Confirm these are not required on the project, and that each Trade contractor will hoist and rig their own materials they furnish.

"See Addendum 14" - FM 6.7.22

7. Will workers be allowed to park on site?

"Parking and logistics to be determined, as job progresses" FM 6.7.22

8. Time duration of the project is given in the bid documents, but when is Notice to Proceed anticipated (calendar date)?

See Addendum 15" - FM 6.7.22

9. Concrete specification indicates we are to engage a materials testing service, but Div 1 specs indicate Concrete, Steel and Soil Compaction testing will be by Owner. Which is correct?

"Owner to provide" - FM 6.7.22

10. Metal decking specification indicates roof deck is galvanized. Drawing S1.2 indicates the metal deck is factory painted white. Which is correct?

The structural drawing S1.2 is correct.

11. What is the ceiling joist framing referred to in Specification 054000? No ceiling joist framing could be found on the drawings. Is this referring to Detail 35/A7.01? Clarify the compression strut shown in this detail, there is no such detail 39/A5.1 on the drawings. Also, the note to see Detail 12/A701 refers us to a flooring threshold detail.

open web ceiling joist are not used for this project. Cold-Formed metal framing is used as specified and shown on the structural drawings and Architectural detail drawings.

12. Is the General Trades package required to include the trash and recycling bins specified in Spec 064112 paragraph 2.7?

"Yes" - FM 6.7.22

13. There is a specification (066500) for cellular PVC trim, but none could be identified on the drawings, please clarify scope.

Preformed fiberglass is not used in this project. PVC Trim is not used in this project.

14. There is no dampproofing identified on the drawings, but the specification (071110) refers us to the drawings. Where is the dampproofing located?

Sec 07 11 10 specifies bituminous damp proofing Damp proofing shall be installed at the exterior of the foundation walls below grade.

15. Specification 074510 refers us to Section 054000 for information on the Subframes/Rainscreen furring, but there is nothing in that specification that addresses a particular product. What subgirt system is required to support the cement board panels at the exterior wall, and what is the required spacing of this system?

Subframing for the Factory Finished Wood Fiber-Cement Architectural Wall Panels shall be as specified under Section 07 25 10 part 2- 2.5/A.

16. This project involves new concrete flooring. Is Latex underlayment and/or cementitious leveling materials required, as outlined in Specification 096550 paragraph 2.3? If required, how thick?

The intent of the leveling or patching is require if the concrete slab is not sufficiently prepared for receiving the finished flooring material.

17. Confirm the anti-graffiti sealant/repellent, as specified in 099112-3.8A is required on the exterior 4" face veneer.

Correct

18. Reference Equipment Item 443.01. Manufacturer Steris indicates 2 of the 3 part numbers listed are discontinued and one cannot be found in their product line. Please revise spec to something obtainable currently,

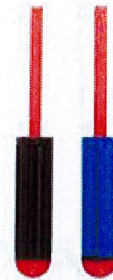
Item 443.01 – ClassicSeries Surface Mounted Soap Dispenser by Bobrick, B-2111



Model pictured:

E8 Digital Combination Centrifuge

Not all features available on all models - see back page for model specifications.



Introduction

The LW Scientific USA E8 Combination centrifuge spins 8 microtubes or test tubes (1ml-15ml) in an angled 8-place rotor, and spins 8 microhematocrit tubes (75mm) with the included Crit Carriers. It is available in 3 models: The USA E8 Fixed-speed Combination is for spinning blood tubes and microhematocrits only, and the USA E8 Variable-speed Combination and Digital Combination units are designed for spinning blood, urine, fecal, and microhematocrit.

Installation and Set-up

Includes:

- | | | |
|-------------------------------------|-------------------------------------|--------------------------------|
| 1 E8 centrifuge | 1 8-Place rotor (installed) | 8 5ml-15ml blue tube sleeves |
| 8 3ml-4ml black tube sleeve inserts | 6 1ml-2ml green tube sleeve inserts | 2 4-place Crit-Carrier inserts |
| 1 EZ Reader card | 1 3-prong wall power cord | 1 12v / 8amp AC power adapter |

Read the instruction manual in full before operating. Store the operation instructions in a safe place, easily accessible by the trained staff who will be operating the centrifuge.

- 1 Remove the centrifuge from the shipping container and inspect for any possible shipping damage. If the centrifuge appears to be damaged from shipping, please contact your distributor immediately.
- 2 Read and fill out the warranty form online: www.lwscientific.com/warranty_form. The warranty form documents your purchase. Failure to complete the warranty form may void any warranty claims on the unit.
- 3 Place the centrifuge on a sturdy, level surface. Turn the lid latch to the UNLOCK position ("U"). Open to verify that there are no loose objects or packing material in the tube chamber, and that the 8 large blue tube shields and the 8 smaller black tube shields are in place and seated in the angled 8-place rotor. The smaller tube shields can be removed when spinning larger test tubes.
- 4 Verify that the power switch on the front of the unit is in the OFF position. Connect the 3-prong wall power cord to the AC power adapter, and then connect the AC power adapter to the back of the centrifuge. Plug the power cord into an approved and properly grounded outlet. Do not insert specimen test tubes prior to initial test run.
- 5 Close the lid, turn the lid latch to the LOCKED position ("L") and turn power switch ON. For fixed and variable units, turn the timer to 10 minutes. For digital units, adjust speed to 3500rpm and set the timer to 10 minutes. Now press RUN. If there is a smooth whirring sound and the unit accelerates with little or no vibration, your E8 centrifuge is ready to operate. If there are loud, unusual sounds or if you experience excessive vibration, immediately turn the unit off. **DO NOT OPERATE** – Contact your dealer or LW Scientific, Inc.

Loading and Operation



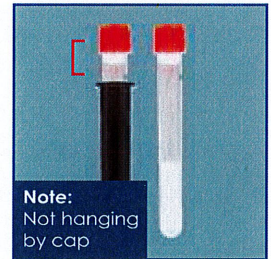
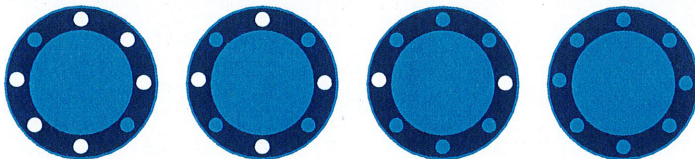
This symbol refers to hazards that may be encountered when using this product.

CAUTION means that damage to product or environment could occur
WARNING means that injury or contamination could occur

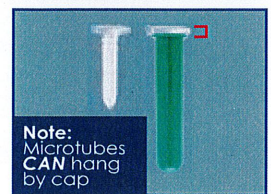
- 1 The large blue tube sleeves are designed to hold large test tubes from 5ml to 15ml (17.5mm x 130mm max). The smaller black tube sleeves can be inserted inside the large tube sleeves, and are designed to hold smaller 3.0ml to 4.5ml test tubes (usually 13mm diameter x 75-80mm tall). The green tube sleeves can be inserted inside the large tube sleeves to hold microtubes.

Ensure that test tubes are supported from the bottom and not hanging by their caps.

- 2 Spin only balanced loads. Make sure that tube shields are filled with equal weight tubes. Tubes of equal weight and size should be placed opposite each other as pictured below. Use water-filled tubes for balance if necessary. Proper sample balancing will improve sample separation and will extend the life of the centrifuge. Out of balance loads may break glass test tubes or damage the centrifuge.



Note:
Not hanging
by cap



Note:
Microtubes
CAN hang
by cap

- 3 For fixed and variable speed units, the mechanical timer should always be turned past 10 minutes to engage the spring and bell. The timer can then be turned forward or backward to select time.
- 4 After each run cycle has ended, the lid must be opened and closed before the next cycle is run. This allows for re-loading and re-balancing each load.

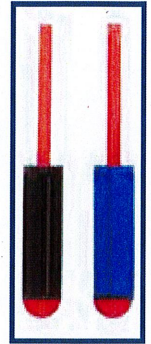


WARNINGS: Always ensure rotor is secure before each use! **DO NOT OPEN WHILE SPINNING.**

Spinning Microhematocrit Tubes

- 1 After filling and sealing a 75mm microhematocrit capillary tube, insert the tube into a hole in one of the Crit Carriers. Note which hole number position (1 through 8) for proper identification of the tube when loading multiple samples.
- 2 Insert BOTH Crit Carriers into two blue tubes sleeves, across from each other for proper balance. If spinning only one microhematocrit sample, it is not necessary to load another 75mm capillary tube for balance because the tube is very light, but BOTH Crit Carriers should always be across from each other.

Spin the centrifuge at 3500rpm for 6 minutes.
- 3 Remove the microhematocrit tube and read the PCV percentage using the included EZ Reader Card.
- 4



Memory Feature

The Digital model has a memory feature that can recall the last 4 cycles. This will make it easier to select times and speeds for different specimens. While the lid is open, press the STOP/OPEN button 4 times, and the unit will scroll through the last 4 settings, eliminating the need to use the UP / DOWN buttons to change speeds and times.



WARNINGS: Always ensure rotor is secure before each use! **DO NOT OPEN WHILE SPINNING.**

The E8 centrifuge has a safety shutoff switch built into the lid latch, which will shut off power if the lid is opened. NEVER use finger to slow the rotor – wait for the rotor to come to a complete stop before loading and unloading tubes.

Cleaning & Maintenance

With proper care and maintenance, the E8 centrifuge will provide years of laboratory service. Please follow these recommended guidelines:

- 1 Use only quality test tubes which are rated for 1534 g-force or greater.
- 2 Never force a tube into the tube sleeve. The tube sleeves were designed to hold the most common sized tubes, Vacutainers, and SST's. Some plastic, conical, and glass test tubes are too large and should not be used in the E8.
- 3 Keep the tube shields clean. If a tube does break, either dispose of the entire tube shield (and remove the opposite shield for proper balance) or safely dispose of the sample and broken glass and thoroughly clean and disinfect the inside and outside of the tube shield. Additional tube shields are available for purchase from LW Scientific, Inc.
- 4 Motor and electrical maintenance: The E8 utilizes a PMDC motor and its bearings are permanently lubricated. It should not need servicing for the life of the centrifuge. Likewise, the electrical components were designed for high reliability and should not need regular service. However, if repairs should be needed, please contact LW Scientific, Inc.

Because of the safety issues with high g-forces in a centrifuge, it is recommended that rotors and tube sleeves be inspected every 6 months for corrosion and fatigue. If there is any indication of wear, the rotor and sleeves should be removed from service. Contact LW Scientific for return instructions so the rotor and tube sleeves can be evaluated by an LW Scientific technician for repair and replacement. It is also recommended that after 2 years of service, rotors and tube sleeves be returned to LW Scientific for inspection and possible replacement. Following these procedures will ensure safety of lab personnel as well as extend the life of the centrifuge.

Specifications

G-Force

RCF (g's)	Radius (mm)	RPM
31	112	500
80	112	800
125	112	1000
180	112	1200
245	112	1400
282	112	1500
321	112	1600
406	112	1800
501	112	2000
606	112	2200
721	112	2400
846	112	2600
982	112	2800
1127	112	3000
1282	112	3200
1364	112	3300
1450	112	3400
1534	112	3500

Maximum nominal:	3,500 RPM (+/-5%)
Maximum nominal RCF:	1,534 g
Max. Volume (8-Place Rotor):	120 ml
Max. Power:	12V, 8.0A
Height:	9.5 inches
Width:	11 inches
Weight:	9.5 lbs.
Boxed Dimensions:	13.5 x 12 x 15 inches
Boxed Weight:	12 lbs.

Fluid Recommendations:

	Speed	Time
Whole Blood	3500	10 min.
Urine	1800	5 min.
Microhematocrit	3500	6 min

Average Speeds for Variable Unit (E8V)

Dial Setting:	RPM Range:
Low (7:00 position)	500 +/- 5%
Medium (12:00 position)	1700 - 1950
Medium (3:00 position)	3150 - 3350
High (5:00 position)	3500 +/- 5%



Ideal Setting for Urine
(1700-1950rpm)



Ideal Setting for Blood
(3500rpm)

The USA E8 Centrifuge is intended for use as a general purpose laboratory centrifuge.

MKT-7.5.3-L-267 | Rev 2

COUNTY OF ROCKLAND FACILITIES MANAGEMENT BLDG. A., 2 nd FLOOR, 50 SANATORIUM RD, POMONA, NY 10970 PHONE: 845-364-2958 / FAX: 845-364-3810		PAGE: 2
CAPITAL PROJECT NUMBER: 1483		BID NUMBER: RFB-RC-2021-1483-001
PROJECT: CONSTRUCTION OF NEW ANIMAL SHELTER		

BID QUESTION FORM

**ALL QUESTIONS PERTAINING TO THIS SOLICITATION MUST BE
 SUBMITTED IN WRITING
 QUESTIONS WILL NOT BE ADDRESSED VERBALLY**

PLEASE USE THIS FORM AND FAX TO: 845-364-3810

**Attention: ROBERT H. GRUFFI, P.E., LEED AP
 DIRECTOR, FACILITIES MANAGEMENT**

WE WILL RESPOND AS SOON AS POSSIBLE.

Bid No. RFB-RC-2021-1483-001
 Date: 4/28/2022
 Contractor: UNITY ELECTRIC
 Fax No. 973-470-0838

DO THE FOLLOWING TASK FALL UNDER THE
 GC OR ELECTRICAL CONTRACT?

1. LIGHT POLE BASES
2. EXCAVATION
3. GENERATOR PAD
4. CONCRETE ENCASUREMENT

Per Addendum #14, all work shall be performed under one contract
 -Facilities Management 5.11.2022

CONTRACTOR'S REPRESENTATIVE TOM JELENIEWSKI
732-407-7994
TJELENIEWSKI@UNITY14.COM

BID QUESTION FORM

**ALL QUESTIONS PERTAINING TO THIS SOLICITATION MUST BE
SUBMITTED IN WRITING
QUESTIONS WILL NOT BE ADDRESSED VERBALLY**

PLEASE USE THIS FORM AND FAX TO: 845-364-3810

**Attention: ROBERT H. GRUFFI, P.E., LEED AP
DIRECTOR, FACILITIES MANAGEMENT**

WE WILL RESPOND AS SOON AS POSSIBLE.

Bid No. RFB-RC-2021-1483-001
Date: 3/30/22
Contractor: S&L Plumbing and Heating Corporation
Fax No. _____

Please specify which contract the Fire Sprinkler work is attached to. Nowhere in the documents does it show that this work is part of plumbing or under a separate contract. There is no separate section for the Fire Sprinkler work.

PER ADDENDUM 14, ALL WORK WILL BE PERFORMED UNDER ONE
CONTRACT
-FACILITIES MANAGEMENT 5.11.2022

CONTRACTOR'S REPRESENTATIVE John Folkerts _____