

Lowell Regional Transit Authority

Invitation for Bids FOR Standby Generator Project

ADDENDUM NO. 3

OCTOBER 5, 2026

The attention of Bidders submitting Bids for the above referenced Invitation for Bids is called to the following Addendum to the Bid Documents. The items set forth herein, where of omission, addition, or substitution are to be included in and form part of the Bid submitted.

THE NUMBER OF THIS ADDENDUM (NO. 2) SHALL BE ENTERED IN THE SPACE INCLUDED ON THE ADDENDUM PAGE PROVIDED IN THE BID DOCUMENTS.

General Information

1. Attachment A contains answers and changes to the bid documents based on questions submitted by interested Bidders.
2. Attachment B contains revised drawings for Bidders to reference.
3. If you would like to walk the site to see the area of installation prior to the bid submission deadline, contact Meaghan O'Brien via email at m.obrien@lrta.com to be placed into contact with the Facilities Manager.
 - a. Please note, no questions related to technical specifications of the Bid can be answered at this time as the deadline for Bid questions has passed.

ATTACHMENT A

ANSWERS TO QUESTIONS / REQUESTS FOR CHANGES

*** Contains notes from Engineer and answers to questions submitted prior to the deadline.**

**Lowell Regional Transit Authority
Standby Generator Project
Addendum No. 03****Bid Documents**

1. Project Manual, Section 26 3213.13 – DIESEL-ENGINE-DRIVEN GENERATOR SETS:
 - a. Subsection 2.03 ENGINE GENERATOR ASSEMBLY DESCRIPTION, B. delete “300 kW” and replace with “250 kW”.
 - b. Subsection 2.05 DIESEL FUEL-OIL SYSTEM, F. Tank Capacity:, delete “72 hours' operation at 100 percent” and replace with “48 hours' operation at 75 percent”.
2. Project Manual, Section 26 3600 – TRANSFER SWITCHES:
 - a. Subsection 2.02 CONTACTOR-TYPE AUTOMATIC TRANSFER SWITCHES, A. Manufacturers:, 1. before “ASCO Power Technologies.” insert “BOD -” and after “ASCO Power Technologies.” insert “Model – H-3ADUS-B-3-0800-N-GX-V W/ 18RX Relay Expansion for Time Delay.”
3. Construction Drawings, Sheet Number E001 titled NOTES, SYMBOLS & SHEET LIST: Delete sheet “Issue/Revision: 0, Date: AUG. 2026, Description: ISSUED FOR BID” and replace with sheet “Issue/Revision: 1, Date: 10/05/2026, Description: ADDENDUM NO. 3”.
4. Construction Drawings, Sheet Number E100 titled ELECTRICAL GENERATOR SITE PLAN: Delete sheet “Issue/Revision: 0, Date: AUG. 2026, Description: ISSUED FOR BID” and replace with sheet “Issue/Revision: 1, Date: 10/05/2026, Description: ADDENDUM NO. 3”.
5. Construction Drawings, Sheet Number E101 titled ELECTRICAL ENLARGED POWER PLAN: Delete sheet “Issue/Revision: 0, Date: AUG. 2026, Description: ISSUED FOR BID” and replace with sheet “Issue/Revision: 1, Date: 10/05/2026, Description: ADDENDUM NO. 3”.
6. Construction Drawings, Sheet Number E600 titled ELECTRICAL DETAILS: Delete sheet “Issue/Revision: 0, Date: AUG. 2026, Description: ISSUED FOR BID” and replace with sheet “Issue/Revision: 1, Date: 10/05/2026, Description: ADDENDUM NO. 3”.

7. Construction Drawings, Sheet Number E700 titled ELECTRICAL SINGLE LINE DIAGRAM: Delete sheet "Issue/Revision: 0, Date: AUG. 2026, Description: ISSUED FOR BID" and replace with sheet "Issue/Revision: 1, Date: 10/05/2026, Description: ADDENDUM NO. 3".

Answers to Questions Received:

- Q1. E101 and E700 label T-2 as 10 kVA, 480V primary, 208/120V secondary, single phase; G1 is also shown 208/120V single phase. Confirm intended secondary connection, voltage and matching generator auxiliary panel.
E101 p4 equipment label; E700 p6 T-2 / G1.
A1. Confirmed. Generator requires 208/120V 3W 1phase Panel.
- Q2. E700 single-line symbol shows a 30A, 2-pole breaker. Keynote 1 on the same sheet requires a 15A, 3-pole breaker. Feeder 5 schedules two #10 conductors plus ground. Obtain a coordinated breaker / transformer / primary feeder requirement.
E700 p6 diagram, keynote 1 and feeder 5.
A2. Refer to Construction Drawings, Sheet Number E700 titled ELECTRICAL SINGLE LINE DIAGRAM issued with Addendum No. 3.
- Q3. E100 keynote 5 identifies Siemens Type S; E700 keynote 1 identifies Siemens Series 7. Field-verify panel nameplate, breaker family, available spaces, ratings and approved replacement parts before ordering either new breaker.
E100 p3 keynote 5; E700 p6 keynote 1.
A3. Refer to Construction Drawings, Sheet E100 titled ELECTRICAL GENERATOR SITE PLAN, SITE KEYNOTES, issued with Addendum No. 3.
- Q4. E700 requires (2) 1 in. control conduits from generator to ATS. E100 labels the generator underground path as (2) 4 in. and (1) 1 in.; feeder 4 also requires a 1 in. auxiliary power conduit. Confirm separate routing, total 1 in. raceway count, controls cable types and conductor counts. The BOM provisionally carries all E700 paths.
E100 p3 generator path; E700 p6 generator controls and feeder 4
A4. Refer to Construction Drawings, Sheet E100 titled ELECTRICAL GENERATOR SITE PLAN, SITE KEYNOTES, issued with Addendum No. 3.
- Q5. E100 calls for two and five cores, each 4 in. maximum. E700 feeder 2 uses 5 in. conduit and feeder 3 uses 4 in. nominal conduit. Confirm actual penetration sizes, locations and sealing details; do not assume a 4 in. maximum core accommodates these entries. No structural-member penetrations are permitted.
E100 p3 keynotes 8, 10 and structural notes; E700 feeder 2 / 3.
A5. Refer to Construction Drawings, Sheet E100 titled ELECTRICAL GENERATOR SITE PLAN, SITE KEYNOTES, issued with Addendum No. 3.

- Q6. E700 shows two breaker symbols within the ATS assembly with a 400A, 3P, LSI label; confirm both ratings and whether supplied in the ATS assembly. E600 shows four conduits between ATS and pullbox; E700 has two normal-input conduits and two sets for each of two outgoing feeders. Confirm how these paths are routed and the adequacy of the specified 36 x 30 x 12 in. pullbox.

E700 p6 ATS diagram and feeders 2 / 3; E600 p5 details 2 / 3.

A6. Updated Junction Box to be 40 X 30 X 12. Refer to Construction Drawings, Sheet Number E600 titled ELECTRICAL DETAILS issued with Addendum No. 3.

- Q7. Ground ring detail 7 and grounding note 5 specify 1 in. x 10 ft rods. Detail 6 labels 3/4 in. x 10 ft. Note 4 gives an 18 in. minimum conductor burial depth; detail 6 depicts 30 in. minimum. BOM carries four minimum 1 in. x 10 ft rods per ring detail, subject to confirmation; no burial-depth takeoff is assumed.

E600 p5 details 6 / 7 and grounding notes 4 / 5.

A7. Use 1-inch rods with 18-inch depth minimum. Refer to Construction Drawings, Sheet Number E600 titled ELECTRICAL DETAILS issued with Addendum No. 3.

- Q8. E101 notes 4 / 5 reserve controller terminations and parameter setup to the elevator scope. E700 keynote 3 assigns wiring, interposing relays and final connections to the electrical contractor. Confirm scope boundary, relay quantities, signal list and acceptance testing. Minimum four #14 conductors per elevator route are not a complete vendor wiring schedule.

E101 p4 notes 2-6; E700 p6 keynote 3.

A8. Refer to Construction Drawings, Sheet Number E700 titled ELECTRICAL SINGLE LINE DIAGRAM issued with Addendum No. 3.

- Q9. E001 note 31 states all cabling run inside the building is to be plenum rated. E100 / E101 specify #14 THHN/THWN-2 control conductors and E001 otherwise specifies XHHW-2 copper. Clarify how the indoor cabling note applies to the scheduled conductor systems; do not substitute a cable system without approval.

E001 p1 notes 8 / 31; E100 keynote 3; E101 note 2.

A9. Notes on Construction Drawings states "UNLESS NOTED OTHERWISE". Use cabling as indicated in the Construction Drawings.

- Q10. E001 requires exterior enclosures to be NEMA 4X stainless steel and exterior attachment hardware to be 316 stainless. Confirm application to the ATS and factory generator package. Aboveground raceway material / coating is not expressly scheduled; resolve before releasing raceway orders.

E001 p1 notes 5 / 6 / 29; E100 / E101 equipment locations.

A10. Refer to Construction Drawings, Sheet Number E001 titled NOTES, SYMBOLS & SHEET LIST issued with Addendum No. 3.

- Q11. Inspect the existing service grounding. Base scope reworks a suitable existing system to the new service entrance ATS. E700 requires an in-kind replacement bid alternate if deficient. Replacement sizes, quantities and electrode locations are not defined by the supplied set.

E700 p6 keynote 2.

A11. Reuse existing ground electrode located in control room.

- Q12. Confirm the minimum 72-hour full-load belly-tank capacity with the selected generator supplier; gallon capacity is not stated. Confirm the 22 kA notation, included 450A breaker, G1, charger, heater, GFI, controls and enclosure requirements on shop drawings. No additional remotely located devices are quantified in the supplied drawings.

E001 p1 note 28; E700 p6 generator diagram and general note 5.

A12. Refer to Construction Drawings, Sheet Number E001 titled NOTES, SYMBOLS & SHEET LIST, Note 28 under GENERAL ELECTRICAL NOTES; and Project Manual, Section 26 3213.13 – DIESEL-ENGINE-DRIVEN GENERATOR SETS, Subsection 2.05 DIESEL FUEL-OIL SYSTEM, F. Tank Capacity, issued with Addendum No. 3.

- Q-13 – Please Confirm the Utility feed is feeding ATS without disconnecting means.

A13 ATS is Service Rated per Construction Drawings, Sheet Number E600 titled ELECTRICAL DETAILS issued with Addendum No. 3.

- Q-14 – ATS Please confirm it is to be located outside and the type of enclosure required.

A14 ATS is located outside and shall be in a NEMA 4X enclosure. Refer to Construction Drawings, Sheet Number E101 titled ELECTRICAL ENLARGED POWER PLAN issued with Addendum No. 3.

- Q-15 – Confirm 400A feeders can be passed through new Pullbox.

A15 Refer to Construction Drawings, Sheet Number E600 titled ELECTRICAL DETAILS issued with Addendum No. 3 for update pull box size and conduit layout.

ATTACHMENT B

REVISED CONSTRUCTION

DRAWINGS

*** Drawings have been updated to reflect changes / revisions from submitted questions.**

GENERAL ELECTRICAL NOTES:

1. IF THERE IS A DISCREPANCY BETWEEN DRAWINGS, DETAILS, OR SPECIFICATIONS, THE E.C. SHALL PROCEED WITH THE MORE STRINGENT OPTION UNLESS AN RFI IS PROVIDED TO THE ENGINEER.
2. SINGLE LINE DIAGRAMS ARE DIAGRAMMATIC IN NATURE TO DEPICT INTENDED WORK, DIAGRAMS ARE BASED OFF OF VISUAL INSPECTIONS AND AS-BUILT DOCUMENTS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO ANY WORK STARTING.
3. EQUIPMENT INFORMATION SHOWN ON SINGLE LINE DIAGRAMS SUCH AS VOLTAGE, AMPERAGE, AND PHASING ARE BASED ON VISUAL INSPECTION AND AS-BUILT DOCUMENTS. NOT ALL INFORMATION IS SHOWN ON EQUIPMENT CALLOUTS.
4. ALL EXISTING TO REMAIN EQUIPMENT, SHOWN OR NOT SHOWN, SHALL BE SAFEGUARDED THROUGH ALL PHASES OF PROJECT.
5. ALL HARDWARE UTILIZED FOR ATTACHING ELECTRICAL EQUIPMENT IN EXTERIOR LOCATIONS SHALL BE 316 STAINLESS STEEL. ALL OUTDOOR ENCLOSURES SHALL BE NEMA 4X STAINLESS STEEL.
6. ALL EQUIPMENT NOTED TO BE PROVIDED NEW IN EXTERIOR SPACES SHALL BE PROVIDED WITH UNISTRUT STRUCTURES IF REQUIRED AND NEMA 4X RATED ENCLOSURES WITH LOCKABLE DOORS.
7. IN ADDITION TO ITEMS SHOWN ON THE PLANS, FURNISH AND INSTALL ALL REQUIRED CONDUITS, CABLES, WIRES, FITTINGS, BOXES, AND HARDWARE FOR A COMPLETE AND OPERABLE ELECTRICAL SYSTEM.
8. ALL PROPOSED CONDUCTORS SHALL BE XHHW-2 COPPER CABLE UNLESS NOTED OTHERWISE.
9. CONDUITS AND BOXES SHALL BE INSTALLED IN THE LEAST OBTRUSIVE MANNER POSSIBLE. COORDINATE LOCATION OF HANDHOLES AND MANHOLES WITH LRТА AND SITE CONDITIONS.
10. FINAL LOCATION OF ALL EQUIPMENT SHALL BE DETERMINED IN FIELD AND SHALL BE INSTALLED AS DIRECTED BY THE ARCHITECT OR OWNERS REPRESENTATIVE.
11. COORDINATE ALL WORK WITH THE CIVIL DRAWING, INCLUDING BUT NOT LIMITED TO, UTILITIES AND GRADING.
12. WIRING SHALL BE IN RIGID GALVANIZED STEEL CONDUIT ABOVE GROUND, PVC SCHEDULE 80 BELOW GROUND.
13. COORDINATE ALL EQUIPMENT FOUNDATIONS WITH EXISTING AND NEW UTILITIES. FINAL ELEVATIONS ABOVE GRADE SHALL BE BASED ON FINAL GRADING PLANS.
14. GROUNDING CONDUCTORS SHALL BE CONTINUOUS AND SHALL BE SIZED PER NEC. GROUNDING CONNECTIONS ARE TO BE MADE WITH IRREVERSIBLE TYPE CONNECTIONS. PROVIDE PERMANENT LABEL TO IDENTIFY GROUNDING CONDUCTORS TERMINATING AT GROUNDING BAR. PROVIDE A PERMANENT PLAQUE TO READ "CAUTION SYSTEM GROUND CONNECTIONS, DO NOT DISCONNECT."
15. PLANS ARE INTENDED ONLY TO INDICATE THE GENERAL MAGNITUDE OF THE WORK, AND DO NOT INDICATE EVERY PANELBOARD, TRANSFORMER, RECEPTACLE, ETC. THAT EXISTS IN THE SPACE. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID TO FULLY UNDERSTAND THE SCOPE OF DEMOLITION & NEW WORK.
16. DISCONNECT AND MAKE SAFE ALL SYSTEMS AND EQUIPMENT TO BE REMOVED. REMOVE ABANDONED RACEWAY AND CONDUCTORS.
17. IDENTIFY AND MAINTAIN ANY CIRCUITS PASSING THROUGH THE DEMOLITION AREA THAT ARE NOT INTENDED TO BE DEMOLISHED.
18. COORDINATE SCHEDULING OF DEMOLITION WORK WITH OTHER TRADES AND LRТА.
19. MAINTAIN EXISTING CIRCUITS, LIGHTING, ELECTRICAL EQUIPMENT, MECHANICAL EQUIPMENT, ETC. AS NEEDED FOR DEMOLITION WORK OF ALL TRADES.
20. WHERE EXISTING LIGHTING AND CIRCUITS NEEDED FOR DEMOLITION WORK CANNOT BE MAINTAINED FOR ANY REASON, PROVIDE TEMPORARY LIGHTING AND POWER AS REQUIRED FOR DEMOLITION WORK.
21. COORDINATE ALL SHUTDOWNS WITH UTILITY AND OWNERS REPRESENTATIVE. OWNERS REPRESENTATIVE SHALL BE NOTIFIED (45) DAYS PRIOR TO ANY SERVICE INTERRUPTIONS.
22. E.C. SHALL PROVIDE TEMPORARY POWER TO ELEVATORS DURING ALL SHUTDOWNS. E.C. SHALL COORDINATE TEMPORARY POWER PRIOR TO COMMENCEMENT OF WORK.
23. ALL CONDUIT AND RACEWAY PENETRATIONS THROUGH FIRE-RATED WALLS AND FLOOR/CEILING ASSEMBLIES SHALL BE FIRESTOPPED IN ACCORDANCE WITH THE IBC AND NFPA 101. ALL FIRESTOP SYSTEMS SHALL BE UL LISTED AND INSTALLED IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTALLATION INSTRUCTIONS.
24. EXISTING UNDERGROUND WIRE AND CONDUIT NOTED TO BE REMOVED SHALL HAVE WIRE PULLED FROM CONDUITS AND CONDUITS SHALL BE CUT, CAPPED, AND ABANDONED IN PLACE UNLESS OTHERWISE NOTED.
25. ALL ELECTRICAL WORK MUST COMPLY WITH NFPA 70E: STANDARD FOR ELECTRICAL SAFETY IN THE WORKPLACE. CONTRACTORS ARE REQUIRED TO FOLLOW ALL SAFETY PROCEDURES OUTLINED IN THIS STANDARD, INCLUDING THE USE OF APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE) AND ENSURING THAT ALL PERSONNEL ARE TRAINED IN ELECTRICAL SAFETY PRACTICES.
26. ALL MATERIALS AND EQUIPMENT SHALL BE LISTED AND LABELED BY THE UNDERWRITER LABORATORIES AND SHALL BE INSTALLED IN ACCORDANCE WITH SUCH LISTINGS. ALL INSTALLATIONS SHALL BE MADE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
27. PROVIDE A SUBMITTAL OF ALL ELECTRICAL EQUIPMENT AND COMPONENTS TO BE FURNISHED AND INSTALLED ON THIS PROJECT.
28. GENERATOR INSTALLATION SHALL MEET ALL REQUIREMENTS OF ARTICLE 702 OF THE NATIONAL ELECTRICAL CODE. GENERATOR "BELLY-TYPE" FUEL TANK SHALL BE SIZED FOR A MINIMUM 48 HOURS, APPROXIMATELY 1041 GALLONS OF FUEL.
29. ABOVE GROUND CONDUITS TRANSITIONING TO UNDERGROUND SHALL EXTEND 18" BELOW GROUND PRIOR TO PVC SCH. 80 TRANSITION. REFER TO NEC ARTICLE 300.7 FOR MORE INFORMATION.
30. E.C. SHALL PERFORM ALL CUTTING, PATCHING, AND RESTORATION OF FINISHES NECESSARY FOR WORK SURFACES DAMAGED DURING WORK. SPACES AROUND CONDUITS PASSING THROUGH WALLS AND FLOORS SHALL BE NEATLY PATCHED AND FINISHED TO MATCH EXISTING. STRUCTURAL MEMBERS SHALL NOT BE DISTURBED IN ANY MANNER. ALL CONDUIT PENETRATIONS SHALL BE SEALED TO PREVENT ENTRANCE OF MOISTURE. PROVIDE FIRE STOPPING PER UL APPROVED METHODS.
31. ALL CABLING RUN INSIDE BUILDING IN PROJECT SHALL BE PLENUM RATED.
32. E.C. SHALL SUBMIT DRAWINGS FOR REVIEW FOR ELEVATOR STEP CONTROLS AS COORDINATED WITH ELEVATOR CONTROLS CONTRACTOR AND ATS VENDOR.

ABBREVIATIONS

A	AMPERAGE/AMP
AIC	AMPERAGE INTERRUPTING CAPACITY
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
CCTV	CLOSED CIRCUIT TELEVISION
CU	COPPER
(D)	TO BE DEMOLISHED
DISC	DISCONNECT
E.C.	ELECTRICAL CONTRACTOR
EXIST, E, (E)	EXISTING/ EXISTING TO REMAIN
G, GND	GROUND
GFI, GFCI	GROUND FAULT (CIRCUIT) INTERRUPTER
JB	JUNCTION BOX
KVA	KILOVOLT AMPERES
KW	KILOWATTS
LED	LIGHT EMITTING DIODE
LRТА	LOWELL REGIONAL TRANSIT AUTHORITY
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUG ONLY
MTS (N)	MANUAL TRANSFER SWITCH
N	NEW/PROPOSED/TO BE INSTALLED
NTS	NEUTRAL
φ	NOT TO SCALE
P	PHASE
PB	POLE
(R)	PULL BOX
TYP	RELOCATED
U.N.O.	TYPICAL
V	UNLESS NOTED OTHERWISE VOLTS

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	PANELBOARD, TYPE AS DENOTED. TYPE NEMA 1 ENCLOSURE U.O.N.
	TRANSFORMER, TYPE AS DENOTED. TYPE NEMA 1 ENCLOSURE U.O.N.
	DISCONNECT SWITCH, UNIT RATING AND FUSE SIZE AS DENOTED. ALL UNITS SHALL BE NEMA 1 U.O.N. ALL FUSED SWITCHES SHALL BE PROVIDED WITH APPROPRIATE SIZED RK1 FUSES.
	120V, 20A DUPLEX RECEPTACLE. COMMERCIAL GRADE, TYPE AS DENOTED. GFCI = GROUND FAULT CIRCUIT INTERRUPTER, T = TAMPER RESISTANT, S = SURFACE MOUNT, WP = WATERPROOF COVER. COLOR AS SELECTED BY OWNERS REPRESENTATIVE.
	CONDUIT RUN UNDERGROUND
	CONDUIT RUN ABOVEGROUND
	CONDUIT LB FITTING
	CIRCUIT HOMERUN. WIRING SHALL BE (2) #12 AWG CU. & (1) #12 AWG CU. GND. IN 3/4" C U.O.N. PANEL DESIGNATION AND CIRCUIT NUMBER AS NOTED.
	EXISTING TO REMAIN
	NEW WORK
	EXISTING TO BE DEMOLISHED
	KEY NOTE, # DENOTES KEY NOTE NUMBER

ELECTRICAL SHEET LIST	
SHEET NUMBER	SHEET NAME
E001	NOTES, SYMBOLS & SHEET LIST
E002	NOTES
E100	ELECTRICAL GENERATOR SITE PLAN
E101	ELECTRICAL ENLARGED POWER PLANS
E600	ELECTRICAL DETAILS
E700	ELECTRICAL SINGLE LINE DIAGRAM

SINGLE LINE DIAGRAM SYMBOLS		
PRIMARY VOLTAGE		KVA
SECONDARY VOLTAGE		
PRIMARY VOLTAGE		KVA
SECONDARY VOLTAGE		
	M	UTILITY METER
	PANEL "X"	ELECTRICAL PANELBOARD
AMPS POLES		NON-FUSED DISCONNECT
AMPS FUSE POLES		FUSED DISCONNECT
	AMPS PHASE	CIRCUIT BREAKER
	J	JUNCTION BOX
	G	GENERATOR
		AUTOMATIC TRANSFER SWITCH
	M	MOTOR
	C	CONTACTOR

CODE ANALYSIS	
PROJECT DESCRIPTION	
PROPOSED WORK IS LOCATED AT THE MAGUIRE TRANSPORTATION CENTER , 115 THORNDIKE STREET, LOWELL MA 01852.	
THE SCOPE OF WORK INCLUDES THE INSTALLATION OF A CONCRETE PAD AND 250 KW STANDBY GENERATOR TO PROVIDE SUPPLEMENTAL POWER TO THE MAGUIRE TRANSPORTATION CENTER AT 115 THORNDIKE STREET, LOWELL, MA, AND THE GALLAGHER TERMINAL LOCATED AT 117 THORNDIKE STREET, LOWELL, MA.	
NOTE: THERE IS NO CHANGE IN USE OR OCCUPANCY CLASSIFICATION.	
APPLICABLE CODES	
780 CMR MASSACHUSETTS STATE BUILDING CODE (EFFECTIVE 10/11/2024)	
INTERNATIONAL BUILDING CODE (IBC) – 2021 EDITION	
INTERNATIONAL EXISTING BUILDING CODE (IEBC) – 2021 EDITION	
NFPA 110, STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS – 2019 EDITION	
527 CMR 12.00 MASSACHUSETTS ELECTRICAL CODE (EFFECTIVE 4/24/26)	
NATIONAL ELECTRICAL CODE (NEC), NFPA 70 – 2026 EDITION	
CLASSIFICATION OF WORK: ALTERATION - LEVEL 2. THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT (PER IEBC – 2021 SECTION 603.1).	
"LEVEL 2 ALTERATIONS INCLUDE THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW, THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM, OR THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT, AND SHALL APPLY WHERE THE WORK AREA IS EQUAL TO LESS THAN 50 PERCENT OF THE BUILDING AREA."	
OCCUPANCY CLASSIFICATION AND USE: SEPARATED MIXED USE OCCUPANCY	
- GROUP B, BUSINESS GROUP B (ADMINISTRATIVE OFFICES) - GROUP S-1, MODERATE-HAZARD STORAGE (MOTOR VEHICLE REPAIR GARAGES) - GROUP S-2, LOW-HAZARD STORAGE (PUBLIC PARKING GARAGES)	
CONSTRUCTION CLASSIFICATION: 2B	
FIRE PROTECTION AND LIFE SAFTEY SYSTEMS	
- DRY SPRINKLER SYSTEM LEVEL 1; DRY STANDPIPE LEVEL 2 AND LEVEL 3. - PORTABLE FIRE EXTINGUISHERS (PER NFPA 10) - MANUAL FIRE ALARM SYSTEM (PER NFPA 72)	

LUMINARE SCHEDULE									
MARK	MANUFACTURER & MODEL (OR APPROVED EQUAL)	DESCRIPTION	MOUNTING	LAMP	WATTAGE	VOLTAGE	LUMENS	CCT	CRI
A1	NLS LIGHTING / NV-W-T4-16L-40-30K8-UNV-WM-BRZ-PCR-MGF-GL	WALL MOUNTED LED FIXTURE, DIE CAST ALUMINUM HOUSING, SILICONE OPTICS, GLASS LENS, PHOTOCCELL CONTROLLED, MARINE GRADE FINISH, 0-10V DIMMING DRIVER.	WALL MOUNT - 10'	LED	29 W	UNV	3544	3000K	80

PROJECT

GALLAGHER TERMINAL & MAGUIRE TRANSPORTATION CENTER STANDBY GENERATOR

CLIENT

LOWELL REGIONAL TRANSIT AUTHORITY

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REGISTRATION

ISSUE/REVISION

1	10/05/2026	ADDENDUM NO. 3
0	AUG. 2026	ISSUED FOR BID
I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

60778959

SHEET TITLE

NOTES, SYMBOLS & SHEET LIST

SHEET NUMBER

E001

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① SINGLE LINE
N.T.S.