October 2, 2025

To Whom It May Concern:

ADDENDUM #1
General Scott Substation Transformer Replacement
26-0004EL

I. INSTRUCTIONS

A. The following additions, deletions, revisions, and/or amendments to the original drawings and specifications are hereby made a part thereof, and a part of the contract documents. All provisions of said documents shall remain in force and effect, except as herein amended.

B. This supplement to the specifications is issued prior to the receipt of proposals. All work covered in this supplement shall be included in the original quotation; and the supplement will be considered part of the Contract Documents. Proposer must acknowledge receipt of this Addendum on the Proposal Form. Please consider the following and incorporate it into your proposal:

Submitted Questions

Q: Please verify the MVA, impedance, BIL rating, CT's, etc. The nameplate pictures are not very clearly readable. If a technical data sheet can be provided that would be very helpful?
A: See attachment.

Q: Our manufacturer is requesting an extension of the bid deadline to November 5, 2025. Could you let us know if this would be acceptable?
A: There is no extension to the deadline at this time.

Q: Engineering and Procurement Scope: Could you please provide a detailed breakdown of the specific procurement tasks that are the responsibility of the vendor versus the city? We need to understand our role in the procurement process, including 'procurement support' and 'finalization of transformer specification' to ensure no duplication of effort.
A: The vendor will be responsible for engineering, transformer specification finalization, and procurement support. The City will execute the formal solicitation and purchase order through an RFP process to ensure compliance with municipal requirements.

Q: Project Phasing and Timeline: The RFP mentions the project may be phased. Could you clarify the definitive project schedule and confirm if there is a preferred phasing plan, such as completing engineering and procurement in FY26 and physical installation in FY27?
A: There is no definitive schedule established at this time. The City avoids outages during peak summer months (June–September). In addition, a separate project will take scheduling priority, and this work must be coordinated around those constraints. The preferred approach is to complete engineering and

procurement in FY26 (including pad/containment redesign and transformer order), with physical installation in FY27. This allows proper alignment with budget cycles and outage scheduling.

Q: Existing Equipment Information: The RFP states that existing drawings will be provided. Could you provide a comprehensive list of all available drawings and documents for the existing transformer and substation? This will help ensure we have all the necessary information for the design and demolition phases.
A: This is an older substation (constructed in the early 1970s), and structural drawings are very limited. Available documentation includes transformer nameplate data, oil test reports, and inspection records, which are provided with this package. Additional legacy drawings will be shared if located.

Q: Oil Containment Pit and Pad: • The scope of work includes the design and construction of a new concrete pad with an integrated oil containment pit. Can you provide detailed specifications or requirements for the oil containment system to ensure it meets all applicable regulations and the city's standards?
A: The City is open to vendor/engineer recommendations. At minimum, the new pad must include an oil containment pit sized for 110% of transformer oil volume (~3,770 gallons), and it must be designed to comply with EPA SPCC requirements and all applicable standards.

Q: Warranty Support: The RFP lists warranty support as part of the scope. Could you please clarify the duration and specific terms of the required warranty for the new transformer and installation?
A: Warranty terms will be based on manufacturer recommendations. A minimum 2-year warranty is required for the transformer and installation workmanship. Vendors are encouraged to propose extended warranties (e.g., 5 years on major components) if available.

End of Addendum #1

If you have any questions, please contact me at (302) 736-7795 or email bwolfgang@dover.de.us.

Sincerely,

Barry Wolfgang
Contract and Procurement Manager
City of Dover
(302) 736-7795
Fax (302) 736-7178
bwolfgang@dover.de.us
www.cityofdover.com

Addendum Receipt Record

Proposal 26-0004EL

We have received and reviewed the following Addenda (if applicable):

1. Addendum #1, dated October 2, 2025.
2. _____, dated _____.
3. _____, dated _____.

FIRM NAME: _____

BY: _____

PRINTED: _____

TITLE: _____

DATED: _____

ADDRESS: _____

_____

PHONE: _____

EMAIL: _____

FEDERAL ID#: _____

ATTACHMENT 1

(GEN. SCOTT SUB) TRANSFORMER Tx. 6912-190-1
2/20/96

NAME PLATE DATA
General Electric
Load TAP Changing Transformer

_ M-122 441 B Class OA/FA/FOA Three Phase 60 Hertz

Caution: Instruction book inside box. Before installing or operating read instructions GEK 73015.

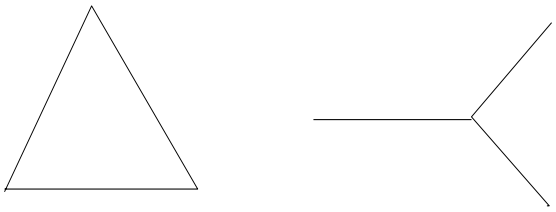
Voltage rating 69000-12470Y/7200

KVA rating	15000	Continuous	55 C Rise	Self Cooled
KVA rating	20000	Continuous	55 C Rise	Forced Air
KVA rating	25000	Continuous	55 C Rise	Forced Oil-Air
KVA rating	28000	Continuous	65 C Rise	Forced Oil-Air

Impedance volts 7.64% 229000-12470Y at 15000 KVA

H.V. Winding Connections
Volts Amp Dial 28000 Pos KVA

Basic Impulse Insulation Levels	
ITEM	BIL. -KV



72450 1	223
70725 2	229
69000 3	234
67275 4	240
65550 5	247

PRESENTLY SET AT TAP 3

H1		H2	H3	350
x0	x1	x2	x3	110

All Windings Copper

Liquid level changes .90 inch per 10c change in liquid temperature. Liquid level below top surface of the highest point of manhole flange at 25c is 12.1 inches.
Maximum operating pressure of liquid preservation system 7.5 pounds positive to 5 pounds negative. Tank suitable for 14.7 pounds vacuum filling.
LDC-CT is 1600/0.2 AMP
CT-A is for use with Winding Temperature Equipment
CT's - 1, 2, 3, 5, 6, 7 are 1200/5 AMP
CT's - 21, 22, 23, 24, 25, 26, 27, are 2000/5 AMP

APPROX WEIGHTS IN POUNDS

TOTAL		98,600
UNTANKING	48,100	
TANK AND FITTINGS		21,300
MAIN TANK 10c oil	3770 Gal	28,100
LTC HSG 10c oil	150 Gal	1,100

(GEN. SCOTT SUB) TRANSFORMER Tx. 6912-190-1
2/20/96

LV WINDING CONNECTIONS					
VOLTS	AMP 28000 KVA	DIAL POS	MECHANISM CONNECTS A TO	MECHANISM CONNECTS B TO	REVERSING SWITCH CONNECTS
13717	1179	16	L	L	
13639	1185	15	L	K	
13561	1192	14	K	K	
13483	1199	13	K	H	
13405	1206	12	H	H	M
13327	1213	11	H	G	
13249	1220	10	G	G	TO
13171	1227	9	G	F	
13093	1235	**R** 8	F	F	P
13016	1242	**A** 7	F	E	
12938	1250	**I** 6	E	E	
12860	1257	**S** 5	E	D	
12782	1265	**E** 4	D	D	
12704	1273	3	D	C	
12626	1280	2	C	C	
12548	1288	1	C	M	
12470		**N**	**M**	**M**	

(GEN. SCOTT SUB) TRANSFORMER Tx. 6912-190-1
2/20/96

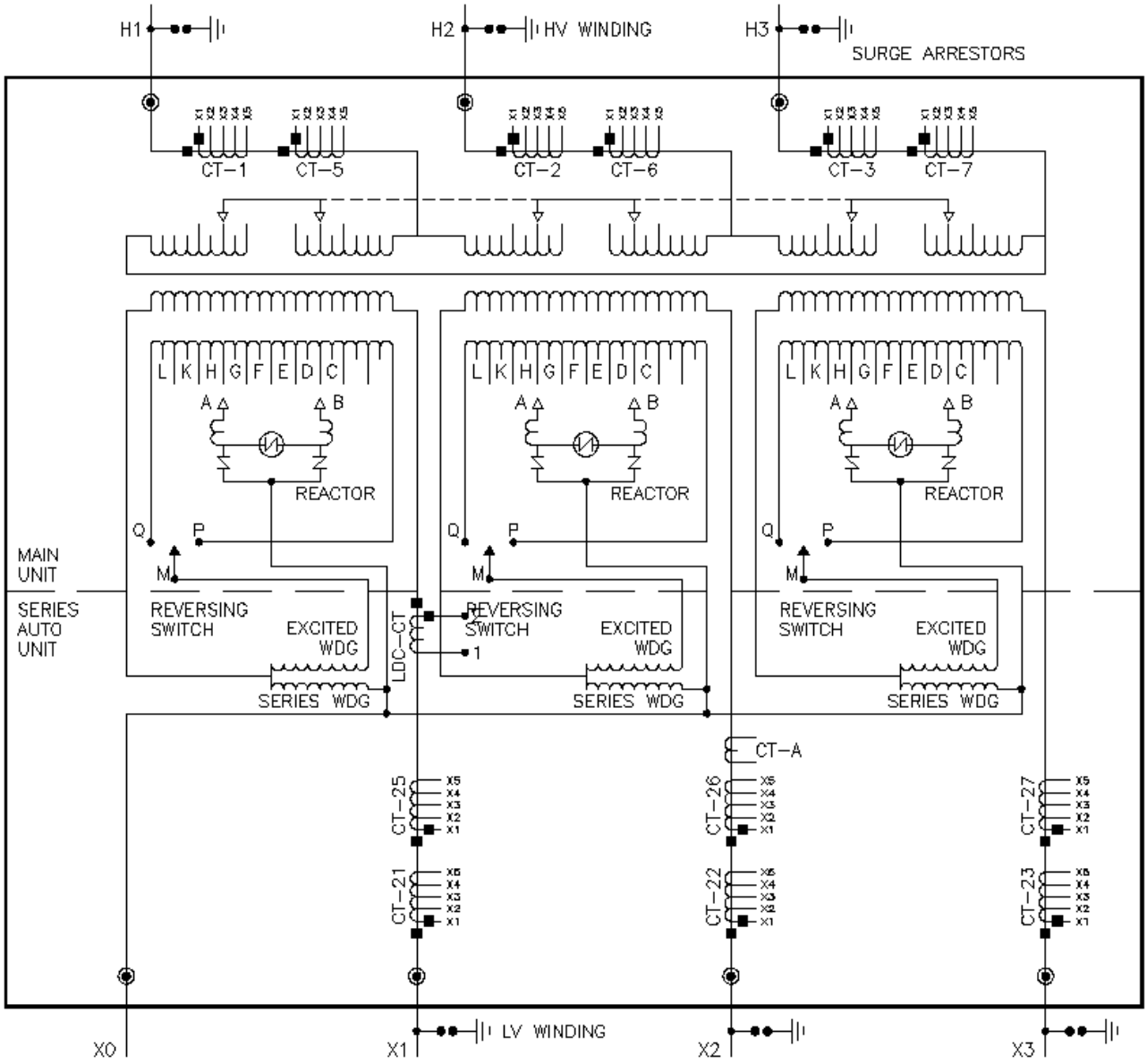
12392		1	M	L	
12314		2	L	L	
12236		3	L	K	
12158		4	K	K	
12080		5	K	H	M
12002		**L** 6	H	H	
11924		**O** 7	H	G	TO
11846	1296	**W** 8	G	G	
11769		**E** 9	G	F	Q
11691		**R** 10	F	F	
11613		11	F	E	
11535		12	E	E	
11457		13	E	D	
11379		14	D	D	
11301		15	D	C	
11223		16	C	C	

FOR STEP DOWN OPERATION

NP 198C7553

Rome, Georgia

MADE IN USA


H1
H2
HV WINDING
H3
SURGE ARRESTORS
CT-1
CT-5
CT-2
CT-6
CT-3
CT-7
L K H G F E D C
A
B
REACTOR
Q
P
M
MAIN
UNIT
SERIES
AUTO
UNIT
REVERSING
SWITCH
EXCITED
WDG
SERIES WDG
LDC-CT
1
CT-A
CT-25
CT-21
CT-26
CT-22
CT-27
CT-23
X5
X4
X3
X2
X1
X0
X1
LV WINDING
X2
X3