



**Front Street UG System Upgrade Project #1919**  
**Materials – Phase 1**  
**ADDENDUM I**  
**Clarification of material requirements.**

The following are answers to questions received:

Material Items 1-3 should be sized for the 15 kV URD Cable, #1/0 AWG AL, EPR.

Recommended catalog numbers have been added for Items 4-6. Additional details have been added for Items 11-23.

For Items 24 and 25, please reference IEEE Standard C57.12.38 Figure 4 Detail C for Stud Size. These items will be used on the secondary of single phase transformers rated 120/240 volts.

Notice to bidders: the specifications have been revised per the following:

In the Request for Bid, revise the below items in Section 2.1 Unit Price Schedule as follows:

Item #	Description	Manufacturer	Catalog No.	Quantity	Unit Price	Lead Time
4A	Flood-Seal Multi-port Bus Connectors, 6 outlets, with rubber insulating sleeve covers (ea)					
4B	Rubber insulating sleeve covers for use with 4A (ea)					
6A	Flood-Seal Multi-port Bus Connectors, 3 outlets, Y type, with rubber insulating sleeve covers (ea)					

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Item #	Description	Manufacturer	Catalog No.	Quantity	Unit Price	Lead Time
6B	Rubber insulating sleeve covers for use with 6A (ea)					
24A	4-hole NEMA Stud Connectors, for xfmr sized 10-75 kVA (ea)					
24B	4-hole NEMA Stud Connectors, for xfmr sized 100-167 kVA (ea)					
25A	6-hole NEMA Stud Connectors, for xfmr sized 10-75 kVA (ea)					
25B	6-hole NEMA Stud Connectors, for xfmr sized 100-167 kVA (ea)					

In the Request for Bid, replace Section 5 Materials as follows:

Item No.	Description	Manufacturer (or equal)	Part Number (or equal)	Base Quantity (ft)	Spare (ft)	Total (ft)
1	15 kV, 200 A Loadbreak Elbow, sized for Item 26			20	1	21
2	15 kV Cable Splice, sized for Item 26			3	1	4
3	15 kV OH to UG Terminator, size for Item 26			3	1	4
4A	Flood-Seal Multi-port Bus Connectors, 6 outlets	Homac	FXL 33-175	32	2	34
4B	Rubber insulating sleeve covers for Item 4A	Homac	FS 1175	192	12	204
5	Flood-Seal Dual Adapter Kit	Homac	FS 175 DPK	2	1	3
6A	Flood-Seal Multi-port Bus Connectors, 3 outlets, Y type, with rubber insulating sleeve covers	Homac	FSY 125-21	14	2	16
6B	Rubber insulating sleeve covers for Item 6A	Homac	CS 2011	42	6	48

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Item No.	Description	Manufacturer (or equal)	Part Number (or equal)	Base Quantity (ft)	Spare (ft)	Total (ft)
7	Manhole Wall Support, stainless steel slotted channel, 72" long, 13/16" x 1-5/8", 12 GA			13	1	14
8	Pull Box Wall Support, stainless steel slotted channel, 38" long, 13/16" x 1-5/8", 12 GA			9	1	10
9	Cable Support Bracket, stainless steel slotted channel, 18" long, 1-5/8"x1-5/8", 12 GA			84	6	90
10	Cable Clamp, 1-7/8", polymer, with stainless steel strap	ZSi	Porce-a-Clamp	312	18	330
11	600 V Terminal Lug, compression, 750 kcmil AL, 2-hole NEMA	Blackburn	AL NTN	3	1	4
12	600 V Terminal Lug, compression, 500 kcmil AL, 2-hole NEMA	Blackburn	AL NTN	119	6	125
13	600 V Terminal Lug, compression, 350 kcmil AL, 2-hole NEMA	Blackburn	AL NTN	41	2	43
14	600 V Terminal Lug, compression, # 4/0 AWG AL, 2-hole NEMA	Blackburn	AL NTN	27	3	30
15	600 V Terminal Lug, compression, # 2/0 AWG AL, 2-hole NEMA	Blackburn	AL NTN	12	1	13
16	600 V Terminal Lug, compression, # 10 AWG AL, 2-hole NEMA	Blackburn	AL NTN	3	1	4
17	600 V Terminal Lug, compression, # 12 AWG AL, 2-hole NEMA	Blackburn	AL NTN	2	1	3

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Item No.	Description	Manufacturer (or equal)	Part Number (or equal)	Base Quantity (ft)	Spare (ft)	Total (ft)
18	600 V Terminal Lug, compression, 500 kcmil AL, 1-hole NEMA w/ ½ hole			8	1	9
19	600 V Terminal Lug, compression, 350 kcmil AL, 1-hole NEMA w/ ½ hole			3	1	4
20	600 V Terminal Lug, compression, # 4/0 AWG AL, 1-hole NEMA w/ ½ hole			14	1	15
21	600 V Terminal Lug, compression, # 2/0 AWG AL, 1-hole NEMA w/ ½ hole			5	1	6
22	600 V Terminal Lug, compression, # 10 AWG AL, 1-hole NEMA w/ ½ hole			4	1	5
23	600 V Terminal Lug, compression, # 12 AWG AL, 1-hole NEMA w/ ½ hole			2	1	3
24A	4-hole NEMA Stud Connector, 120/240 V, 10-75 kVA, IEEE C57.12.38 Fig 4, Detail C			5	1	6
24B	4-hole NEMA Stud Connector, 120/240V, 100-167 kVA, IEEE C57.12.38 Fig 4, Detail C			12	1	13
25A	6-hole NEMA Stud Connector, 120/240 V, 10-75 kVA, IEEE C57.12.38 Fig 4, Detail C			1	1	2

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Item No.	Description	Manufacturer (or equal)	Part Number (or equal)	Base Quantity (ft)	Spare (ft)	Total (ft)
25B	6-hole NEMA Stud Connector, 120/240V, 100-167 kVA, IEEE C57.12.38 Fig 4, Detail C			3	1	4
26	15 kV URD Cable, No. 1/0 AWG AL, EPR			3840	360	4200
27	600 V, Single Conductor Secondary UD Cable 500 kcmil AL			5395	605	6000
28	600 V, Single Conductor Secondary UD Cable 350 kcmil AL			1605	395	2000