

| BILL OF MATERIAL (BOM)                  |         |          |      |                                                                                                                                                                                                                                                                                                                                                                                                      |                                |                                                                          |                       |                 |                    |
|-----------------------------------------|---------|----------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------|-----------------------|-----------------|--------------------|
| REV                                     | BOM #   | QUANTITY | UNIT | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                          | MANUFACTURER OR EQUAL          | CATALOG NUMBER / WT                                                      | BABA COMPLIANT/WAIVED | MATERIAL STATUS | NOTES              |
| 115KV MAJOR EQUIPMENT, STEEL, & BUSWORK |         |          |      |                                                                                                                                                                                                                                                                                                                                                                                                      |                                |                                                                          |                       |                 |                    |
| 0                                       | 1A      | 2        | EA   | 1-TRANSFORMER<br>TRANSFORMER 115/12.47-KV, 13.44/17.92/22.4 MVA @ 65 DEGREE                                                                                                                                                                                                                                                                                                                          | VIRGINIA TRANSFORMER CORP.     | BY DESCRIPTION                                                           | YES                   | DELIVERED       |                    |
| 0                                       | 2A      | 12       | EA   | 2-CCVT<br>115KV CCVT                                                                                                                                                                                                                                                                                                                                                                                 | GE                             | OCTF 123 SI                                                              | YES                   | DELIVERED       |                    |
| 0                                       | 2C      | 4        | EA   | ENCLOSURE, ENCLOSURE, OUTDOOR, NEMA3R, 24" HT X 24" WD X 8" DP, ALUM. W/ HEATHER, W/ DRAW PULL CATCH LATCHES                                                                                                                                                                                                                                                                                         | HOFFMAN                        | A24H2408ALLP                                                             |                       |                 |                    |
| 0                                       | 2C-1    | 4        | EA   | (1) CHANNEL, 1-5/8" X 1-5/8", 10' LENGTH, CONTINUOUS SLOT, LONG SLOT - HOT DIPPED GALVANIZED.<br>(4) CHANNEL NUT, WITH SPRING, FOR USE WITH 1-5/8" CHANNEL, 3/8"-16 NUT SIZE & THREAD.<br>(4) SCREW, HEX HEAD CAP, 3/8" DIAMETER X 3/4" LENGTH.<br>(4) WASHER, FLAT, 3/8"<br>(4) WASHER, LOCK, 3/8"<br>(4) SCREW, CAP, 5/8"-11NC X 1-1/4", HEX HEAD, ALOY A307, WITH SPRING LOCK WASHER, GALVANIZED. | UNISTRUT<br>.<br>.<br>.<br>ANY | P1000SL-HG<br>P1008-EG<br>HHCS037075EG<br>HFLW037-EG<br>HLKW037 EG<br>NA |                       |                 |                    |
| 0                                       | 3A      | 6        | EA   | 3-SURGE ARRESTERS<br>SURGE ARRESTERS, DUTY CYCLE -108KV84 RATED VOLTAGE - STATION CLASS, 84KV MAXIMUM SYSTEM OPERATION VOLTAGE (MCOV) - 115-KV, SOLIDLY GROUNDED NEUTRAL SYSTEM, AVAILABLE FAULT CURRENT LESS THAN 30,000 AMPS.                                                                                                                                                                      | COOPER                         | USAA108084A5245A11                                                       |                       |                 |                    |
| 0                                       | 4A      | 48       | EA   | 4-STATION POST INSULATORS<br>STATION POST INSULATORS, POLYMER, HIGH STRENGTH CANTILEVER RATING 2600 LB., POLYMER TR287, 45" HIGH, 5" BOLT CIRCLE TOP AND BOTTOM, 550-KV BIL, LEAKAGE DISTANCE 99" MIN., WITH MOUNTING BOLTS TO STRUCTURAL STEEL<br>SUPPORT 5/8"-11" . 015" OVERSIZE                                                                                                                  | MPS                            | P4 50 50 033 MX SS 020                                                   |                       |                 |                    |
| 0                                       | 4A-1    | 7        | EA   | SAME AS ITEM 4A    SPARE                                                                                                                                                                                                                                                                                                                                                                             |                                |                                                                          |                       |                 |                    |
| 0                                       | 5A      | 2        | EA   | 5-0-H DIST. STA. SERVICE TRANSFORMER<br>TRANSMISSION O.H., CONVENTIONAL POLE MOUNT 50KVA, 12470GY/7200 VAC PRI., 240/120V, 1PH, DISTRIBUTION STATION SERVICE TRANSFORMER, W/ ANIMAL GUARDS.                                                                                                                                                                                                          | AMROCOR                        | TBD                                                                      |                       |                 |                    |
| 0                                       | 5B      | 2        | EA   | SAFETY SWITCH, FUSIBLE, 240VAC, 400A, DPST, 3 FUSE, NEMA 3R ENCLOSURE.                                                                                                                                                                                                                                                                                                                               | SQUARE D                       | BY DESCRIPTION                                                           |                       |                 |                    |
| 0                                       | 5C      | 2        | EA   | (1) CHANNEL, 1-5/8" X 1-5/8", 10' LENGTH, CONTINUOUS SLOT, LONG SLOT - HOT DIPPED GALVANIZED.<br>(4) CHANNEL NUT, WITH SPRING, FOR USE WITH 1-5/8" CHANNEL, 3/8"-16 NUT SIZE & THREAD.<br>(4) SCREW, HEX HEAD CAP, 3/8" DIAMETER X 3/4" LENGTH.<br>(4) WASHER, FLAT, 3/8"<br>(4) WASHER, LOCK, 3/8"<br>(4) SCREW, CAP, 5/8"-11NC X 1-1/4", HEX HEAD, ALOY A307, WITH SPRING LOCK WASHER, GALVANIZED. | UNISTRUT<br>.<br>.<br>.<br>ANY | P1000SL-HG<br>P1008-EG<br>HHCS037075EG<br>HFLW037-EG<br>HLKW037 EG<br>NA |                       |                 |                    |
| 0                                       | 6A      | 4        | EA   | 6-CIRCUIT CIRCUIT BREAKER<br>145KV BREAKER, 2000A, 40KA                                                                                                                                                                                                                                                                                                                                              | GE                             | CC417048-10025G                                                          | YES                   | DELIVERED       |                    |
| 0                                       | 7       | 100'     | FT   | 7-FIBER<br>OPGW                                                                                                                                                                                                                                                                                                                                                                                      | AFL                            | DNO-13045                                                                |                       |                 |                    |
| 0                                       | AS REQD |          |      | OCK64528 CONN OPGW TBD                                                                                                                                                                                                                                                                                                                                                                               | ALCF                           | 1175009                                                                  |                       |                 |                    |
| 0                                       | AS REQD |          |      | BCK413427F CONN KIT FOR 413- 427 DIA. TBD                                                                                                                                                                                                                                                                                                                                                            | ALCF                           | 3159681                                                                  |                       |                 |                    |
| 0                                       | AS REQD |          |      | OGST01-72 SPLICE TRAY                                                                                                                                                                                                                                                                                                                                                                                | ALCF                           | 1974322                                                                  |                       |                 |                    |
| 1                                       | 7A      | 4        |      | ANCHOR SHACKLE, 30 KIP                                                                                                                                                                                                                                                                                                                                                                               | HUBBELL                        | AS-25-BNK                                                                |                       |                 |                    |
| 1                                       | 7B      | 2        |      | 2801308 FIBERLIGN DEADEND .512- .528                                                                                                                                                                                                                                                                                                                                                                 | PREFORMED                      | 1555029                                                                  |                       |                 |                    |
| 0                                       | 7C      | 20       |      | 8003042H1 DOWNLEAD CLAMP 469- .562                                                                                                                                                                                                                                                                                                                                                                   | PREFORMED                      | 2104383                                                                  |                       |                 |                    |
| 0                                       | 7D      | 2        |      | CB-44-3AL NEW STYLE COIL BRACKET ALCOA                                                                                                                                                                                                                                                                                                                                                               | ALCF                           | 3259089                                                                  |                       |                 |                    |
| 0                                       | 7E      | 2        |      | SPS60 ALCOA (10 PER PACK)                                                                                                                                                                                                                                                                                                                                                                            | ALCF                           | 1407966                                                                  |                       |                 |                    |
| 0                                       | 7F      | 12       |      | MACHINE BOLT, 1/2" X REQD LENGTH                                                                                                                                                                                                                                                                                                                                                                     | HUGHES                         | HB500 SERIES                                                             |                       |                 |                    |
| 0                                       | 7G      | 12       |      | LOCKNUT, 1/2"                                                                                                                                                                                                                                                                                                                                                                                        | HUGHES                         | MFH-50                                                                   |                       |                 |                    |
| 0                                       | 7H      | 2        |      | OG03 OPTI-GUARD                                                                                                                                                                                                                                                                                                                                                                                      | ALCF                           | 1407950                                                                  |                       |                 |                    |
| 0                                       | 7J      | 4        |      | LOCKNUT, 5/8"                                                                                                                                                                                                                                                                                                                                                                                        | HUGHES                         | MFH60                                                                    |                       |                 |                    |
| 0                                       | 7K      | 4        |      | MACHINE BOLT, 5/8" X REQD LENGTH                                                                                                                                                                                                                                                                                                                                                                     | HUGHES                         | HB600 SERIES                                                             |                       |                 |                    |
| 0                                       | 9A      | 4        | EA   | 9-FLOODLIGHT<br>LED FLOOD LIGHT, HOLOPHANE PREDATOR SMALL (PSLED), 33,232 LUMENS, 3000K CCT, 120V, DIE-CAST ALUMINUM HOUSING, MOUNTING BRACKET.                                                                                                                                                                                                                                                      | HOLOPHANE                      | TBD                                                                      | YES                   |                 |                    |
| 0                                       | 9A-2    | 4        | EA   | ENCLOSURE, JUNCTION, WEATHERPROOF, NEMA 3R, 6"HTX6"WDX4"DP, GALV. STEEL                                                                                                                                                                                                                                                                                                                              | HOFFMAN                        | A6R64                                                                    |                       |                 |                    |
| 0                                       | 9D      | 4        | EA   | (1) CHANNEL, 1-5/8" X 1-5/8", 10' LENGTH, CONTINUOUS SLOT, LONG SLOT - HOT DIPPED GALVANIZED.<br>(4) CHANNEL NUT, WITH SPRING, FOR USE WITH 1-5/8" CHANNEL, 3/8"-16 NUT SIZE & THREAD.<br>(4) SCREW, HEX HEAD CAP, 3/8" DIAMETER X 3/4" LENGTH.<br>(4) WASHER, FLAT, 3/8"<br>(4) WASHER, LOCK, 3/8"<br>(4) SCREW, CAP, 5/8"-11NC X 1-1/4", HEX HEAD, ALOY A307, WITH SPRING LOCK WASHER, GALVANIZED. | UNISTRUT<br>.<br>.<br>.<br>ANY | P1000SL-HG<br>P1008-EG<br>HHCS037075EG<br>HFLW037-EG<br>HLKW037 EG<br>NA |                       |                 |                    |
| 0                                       |         | 1        | EA   | XX-MISC. LARGE EQUIPMENT<br>CONTROL BUILDING XX' x XX'                                                                                                                                                                                                                                                                                                                                               | TBD                            | TBD                                                                      |                       |                 |                    |
| 0                                       | TBD     |          |      | CONCRETE VAULTS X' x X' x X'                                                                                                                                                                                                                                                                                                                                                                         | TBD                            | TBD                                                                      |                       |                 |                    |
| 0                                       |         | 2        |      | OIL CONTAINMENT PIT XX'-X" x XX'-X"                                                                                                                                                                                                                                                                                                                                                                  | TBD                            | TBD                                                                      |                       |                 |                    |
| 0                                       | 10      | TBD      |      | 10-TERMINATION KIT - 12KV UG FEEDERS<br>TERMINATION KIT                                                                                                                                                                                                                                                                                                                                              | TBD                            | TBD                                                                      |                       |                 |                    |
| 0                                       | 10A     | TBD      |      | ALUM. BARREL LUG                                                                                                                                                                                                                                                                                                                                                                                     | TBD                            | TBD                                                                      |                       |                 |                    |
| 0                                       | 11A     | 10       | EA   | 11-115KV-DISC SWITCHES<br>VEE DISCONNECT SWITCH, 115-KV NOMINAL VOLTAGE, 2000 AMP, 550-KV BIL, WITH INSULATORS (TR287), CATALOG NO. P4 50 50 033 MX SS 020 OR EQUIVALENT, LOW SWITCH STAND, MANUAL SWING HANDLE OPERATOR, (TO STR. 12B)                                                                                                                                                              | PASCOR                         | CBSA-115-2000                                                            |                       |                 |                    |
| 0                                       | 11C     | 2        | EA   | VEE DISCONNECT SWITCH, 115-KV NOMINAL VOLTAGE, 2000 AMP, 550-KV BIL, WITH INSULATORS (TR287), CATALOG NO. P4 50 50 033 MX SS 020 OR EQUIVALENT, DEADEND , MOTOR OPERATOR OPERATOR, WITH QUICK WHIP ARCHING HORNS (TO STR. 12A)                                                                                                                                                                       | PASCOR                         | CBSA-115-2000                                                            |                       |                 |                    |
| 0                                       | 12A     | 2        | EA   | 12- 115KV STEEL STRUCTURES<br>115KV H-FRAME                                                                                                                                                                                                                                                                                                                                                          | TBD                            | BY DESCRIPTION                                                           |                       |                 |                    |
| 0                                       | 12B     | 10       | EA   | VEE SWITCH SUPPORT STRUCTURE, LOW SWITCH FOR 16' BUS HEIGHT                                                                                                                                                                                                                                                                                                                                          | TBD                            | BY DESCRIPTION                                                           |                       |                 |                    |
| 0                                       | 12D     | 4        | EA   | SINGLE PHASE BUS SUPPORT                                                                                                                                                                                                                                                                                                                                                                             | TBD                            | BY DESCRIPTION                                                           |                       |                 |                    |
| 0                                       | 12F     | 12       | EA   | CCVT SINGLE PHASE SUPPORT STRUCTURE W/O CABINET MOUNTING (CABINET MOUNTING TO BE DONE IN THE FIELD)                                                                                                                                                                                                                                                                                                  | TBD                            | BY DESCRIPTION                                                           |                       |                 |                    |
| 0                                       | 12G     | 4        | EA   | 45 DEGREE DIAGONAL BUS SUPPORT STRUCTURE - LOW SUPPORT FOR 16' BUS                                                                                                                                                                                                                                                                                                                                   | TBD                            | BY DESCRIPTION                                                           |                       |                 |                    |
| 0                                       | 12H     | 12       | EA   | SWITCH GROUND GRATE, 115KV. ( SEE BOM 22H FOR 12KV)                                                                                                                                                                                                                                                                                                                                                  | TBD                            | BY DESCRIPTION                                                           |                       |                 |                    |
| 0                                       | 12J     | 3        | EA   | 50' SHIELD MAST WITH 10' SPIKE, SM-1, SM-2, SM-3                                                                                                                                                                                                                                                                                                                                                     | TBD                            | BY DESCRIPTION                                                           |                       |                 |                    |
| 0                                       | 12P     | 8        | EA   | THREE PHASE LOW BUS SUPPORT FOR 16' BUS HT                                                                                                                                                                                                                                                                                                                                                           | TBD                            | BY DESCRIPTION                                                           |                       |                 |                    |
| 0                                       | 12Q     | 4        | EA   | THREE PHASE HIGH BUS SUPPORT FOR 23' BUS HT                                                                                                                                                                                                                                                                                                                                                          | TBD                            | BY DESCRIPTION                                                           |                       |                 |                    |
| 1                                       | AB-1    | TBD      | LOT  | ANCHOR BOLTS & TEMPLATES FOR ITEMS 12A, 12B, 12D, 12F, 12G, 12J, 12P, & 12Q                                                                                                                                                                                                                                                                                                                          | TBD                            | BY DESCRIPTION                                                           |                       |                 |                    |
| 0                                       | 13A     | 1400'    | FT   | 13-115KV BUS & BUSWORK<br>4" SCHD. 40 BUS PIPE, 40'-0" LENGTHS, 6063 T6, BBB, AL                                                                                                                                                                                                                                                                                                                     | AFL                            | BY DESCRIPTION                                                           |                       |                 | CHECK MAX BUS SPAN |
| 0                                       | 13B     | TBD      | EA   | CENTER FORMED TERMINAL WITH 4", 4-HOLE NEMA PAD                                                                                                                                                                                                                                                                                                                                                      | DMC                            | PLK1850D64B                                                              |                       |                 |                    |
| 0                                       | 13C     | TBD      | EA   | END CAP, 4-INCH BUS                                                                                                                                                                                                                                                                                                                                                                                  | DMC                            | PLK1350D64                                                               |                       |                 |                    |
| 0                                       | 13D     | TBD      | EA   | BUS SPLICE, ELONGATED, FOR 4-INCH BUS.                                                                                                                                                                                                                                                                                                                                                               | DMC                            | PLK50001D64                                                              |                       |                 |                    |
| 0                                       | 13E     | TBD      | EA   | TEE, NEMA 4-HOLE PAD TO 4-INCH BUS SPLIT BODY.                                                                                                                                                                                                                                                                                                                                                       | DMC                            | PLK5100D64E2                                                             |                       |                 |                    |
| 0                                       | 13G     | TBD      | EA   | BUS SUPPORT CLAMP, FIXED OR SLIP, 4-INCH BUS, 5- INCH BOLT CIRCLE, BOLTED                                                                                                                                                                                                                                                                                                                            | DMC                            | PLK2200D64E2                                                             |                       |                 |                    |
| 0                                       | 13H     | TBD      | EA   | GROUND STUD, 4" BUS, SPLIT                                                                                                                                                                                                                                                                                                                                                                           | DMC                            | PLK5160D64                                                               |                       |                 |                    |
| 0                                       | 13J     | 120'     | FT   | SEE 23A. 2" SCHD. 40 BUS PIPE, 40'-0" LENGTHS, 6063 T6, BBB                                                                                                                                                                                                                                                                                                                                          | TBD                            | BY DESCRIPTION                                                           |                       |                 | CHECK MAX BUS SPAN |
| 0                                       | 13K     | TBD      | EA   | TEE, 4-INCH MAIN TO 2-INCH TAP, 15 DEGREES- SPLIT TYPE                                                                                                                                                                                                                                                                                                                                               | DMC                            | PLK5500D3264E2                                                           |                       |                 |                    |
| 0                                       | 13L     | TBD      | EA   | CONNECTOR A-FRAME, 4-INCH MAIN, (2) 2-INCH TAP, 30 DEGREES-SPLIT TYPE                                                                                                                                                                                                                                                                                                                                | DMC                            | PLK5600D3264                                                             |                       |                 |                    |
| 0                                       | 13Q     | TBD      | FT   | 795 ACSR (26/7) CABLE " DRAKE"                                                                                                                                                                                                                                                                                                                                                                       | TBD                            | BY DESCRIPTION                                                           |                       |                 |                    |
| 0                                       | 13R     | TBD      | EA   | SEE 23V. OFFSET BARREL TERMINAL TO 4", 4-HOLE NEMA PAD FOR 1192.5 ACSR "BUNTING" (45/7) CABLE                                                                                                                                                                                                                                                                                                        | DMC                            | CPLK9442012720S                                                          |                       |                 |                    |
| 0                                       | 13S     | TBD      | EA   | SPLIT RUN TEE, 1192.5 BUNTING CABLE TO NEMA 4-HOLE PAD                                                                                                                                                                                                                                                                                                                                               | DMC                            | CPLK9514D12720S                                                          |                       |                 |                    |
| 0                                       | 13T     | TBD      | EA   | SPLIT RUN TEE, 795 KCMIL (26/7) CABLE TO NEMA 4-HOLE PAD                                                                                                                                                                                                                                                                                                                                             | DMC                            | CPLK9514D09000S                                                          |                       |                 |                    |
| 0                                       | 13U     | TBD      | FT   | 477 ACSR FOR DAMPENING OF ITEM 13A                                                                                                                                                                                                                                                                                                                                                                   | SOUTHWIRE                      | BY DESCRIPTION                                                           |                       |                 |                    |
| 0                                       | 13V     | TBD      | EA   | OFFSET BARREL TERMINAL TO 4", 4-HOLE NEMA PAD "DRAKE"                                                                                                                                                                                                                                                                                                                                                | DMC                            | CPLK94420D09000S                                                         |                       |                 |                    |
| 0                                       | 13V-1   | TBD      | EA   | 90" BARREL TERMINAL TO 4", 4-HOLE NEMA PAD                                                                                                                                                                                                                                                                                                                                                           | DMC                            | CPLK9449D09000S                                                          |                       |                 |                    |
| 0                                       | 15A     | TBD      | EA   | TERMINAL 2 X 795 ACSR (26/7) CABLE " DRAKE" TO NEMA 4- HOLE PAD, 4" SPACING                                                                                                                                                                                                                                                                                                                          | DMC                            | CPLK9642D09000-4S                                                        |                       |                 |                    |
| 0                                       | 15B     | TBD      | EA   | CABLE SPACE 4" @ BREAKER FOR 15A                                                                                                                                                                                                                                                                                                                                                                     | DMC                            | CL702D09000-4S                                                           |                       |                 |                    |
| 0                                       | 15C     | TBD      | EA   | 90" DUAL BARREL TERMINAL TO 4", 4-HOLE NEMA PAD                                                                                                                                                                                                                                                                                                                                                      | DMC                            | CPLK9649D09000-4S                                                        |                       |                 |                    |
| 0                                       | 15E     | TBD      | EA   | 3/8" EHS STATIC WIRE DEAD END COMPRESSION W/ NEMA 2-HOLE PAD-                                                                                                                                                                                                                                                                                                                                        | HUBBELL                        | 861225S                                                                  |                       |                 |                    |
| 0                                       | 15F     | TBD      | FT   | 3/8" EHS STATIC WIRE                                                                                                                                                                                                                                                                                                                                                                                 | TBD                            | BY DESCRIPTION                                                           |                       |                 |                    |
| 0                                       | 15G     | TBD      | EA   | 3/8" EHS TO 2-HOLE JUMPER TERMINAL                                                                                                                                                                                                                                                                                                                                                                   | HUBBELL                        | AC76B2                                                                   |                       |                 |                    |
| 0                                       | 15H     | TBD      | EA   | STRUCTURE GROUNDING CLAMP NEMA 2 HOLE PAD .204-.575                                                                                                                                                                                                                                                                                                                                                  | SEFCOR                         | FNCT-12-2B                                                               |                       |                 |                    |
| 0                                       | 15L     | TBD      | EA   | ANCHOR SHACKLE 40,000LB. (SUSP. INS., & COMP. D.E. @ SHIELD WIRES)                                                                                                                                                                                                                                                                                                                                   | SEFCOR                         | AH-1220-BNC                                                              |                       |                 |                    |
| GROUNDING ABOVE & BELOW GRADE ONLY      |         |          |      |                                                                                                                                                                                                                                                                                                                                                                                                      |                                |                                                                          |                       |                 |                    |
| 14-GROUNDING MATERIALS                  |         |          |      |                                                                                                                                                                                                                                                                                                                                                                                                      |                                |                                                                          |                       |                 |                    |
| 0                                       | 14A     | TBD      | FT   | CONDUCTOR, 4/0 BARE CU, 19-STRAND (QTY. INCLUDES GROUND GRID ONLY) 1000' REELS                                                                                                                                                                                                                                                                                                                       | GRAYBAR                        | TBD                                                                      |                       |                 |                    |
| 0                                       | 14-A1   | TBD      | FT   | CONDUCTOR, 4/0 BARE CU, 7-STRAND (QTY. INCLUDES GROUND GRID ONLY) 1000' REELS                                                                                                                                                                                                                                                                                                                        | GRAYBAR                        | TBD                                                                      |                       |                 |                    |
| 0                                       | 14-A2   | TBD      | FT   | CONDUCTOR, 4/0 BARE CU, 19-STRAND (QTY. INCLUDES ABOVE GRADE GROUNDING ONLY) 1000' REELS                                                                                                                                                                                                                                                                                                             | GRAYBAR                        | TBD                                                                      |                       |                 |                    |

|                                          |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
|------------------------------------------|-------|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|-----|-----------|--------------------|
| 0                                        | 14B   | TBD | FT  | NO. 2 SOLID CU. WIRE, TINNED                                                                                                                                                                           | GRAYBAR              | TBD                  |     |           |                    |
| 0                                        | 14C   | TBD | EA  | SECTIONAL GROUND ROD, 5/8"x10', COPPER-CLAD STEEL                                                                                                                                                      | ERITECH              | 615803               |     |           |                    |
| 0                                        | 14E   | TBD | EA  | SINGLE CABLE TO FLAT GROUND CONNECTOR, 4/0 COPPER CABLE                                                                                                                                                | SEFCOR               | GTC-14               |     |           |                    |
| 0                                        | 14F   | TBD | EA  | GROUNDING CONNECTOR, C-CRIMP CONNECTOR, 4/0 BARE STRANDED CU. TO 4/0 BARE STRANDED CU.,                                                                                                                | BURNDY               | YGHC29C29            |     |           |                    |
| 0                                        | 14H   | TBD | EA  | OFFSET DUAL SPLIT ELBOW,TWO SPLIT ENDS, 4/0 AWG, 19 STRAND, CU. TO 5/8" GRND ROD ,( 14 GROUND ROD LOCATIONS)                                                                                           | DMC                  | GC759B004-562        |     |           |                    |
| 0                                        | 14J   | TBD | EA  | OFFSET DUAL SPLIT ELBOW,TWO SPLIT ENDS TEE & CROSS, 4/0 AWG, 19 STRAND, CU. (54 CROSS CONNECTIONS, TEE & ELBOW CONNECTIONS)                                                                            | DMC                  | GC759B004-004        |     |           |                    |
| 0                                        | 14K   | TBD | EA  | GROUNDING LOCK, SPLIT TYPE, PARRALLEL, 4/0 CU TO 4/0 CU                                                                                                                                                | DMC                  | GC888B004-004        |     |           |                    |
| 0                                        | 14L   | TBD | EA  | TERMINAL, BRONZE, BOLTED, FOR 1/0-500MCM CU. TO 2-HOLE NEMA PAD, TIN-PLATED                                                                                                                            | BURNDY               | NAS342N              |     |           |                    |
| 0                                        | 14P   | TBD | EA  | GROUNDING BRAID, 24" FLEXIBLE GROUNDING STRAP, HUBBELL PART NO. G81003B                                                                                                                                | HUBBELL              | G81003B              |     |           |                    |
| 0                                        | 14S   | TBD | EA  | GROUNDING CONNECTOR, #2 TINNED SOLID CU. TO FENCE FABRIC, SPLIT-BOLT                                                                                                                                   | SEFCOR               | BN-N-2SP             |     |           |                    |
| 0                                        | 14U   | TBD | EA  | GROUNDING CLAMP FOR 4/0 BARE STRANDED CU TO FENCE 2 3/8" OD LINE POST.                                                                                                                                 | BURNDY               | GAR1829              |     |           |                    |
| 0                                        | 14V   | TBD | EA  | GROUNDING CLAMP FOR 4/0 BARE STRANDED CU TO FENCE 3" IPS CORNER POST/ 3" STEEL PIPE                                                                                                                    | BURNDY               | GAR2029              |     |           |                    |
| 0                                        | 14W   | TBD | EA  | SERVIT POST, COPPER CABLE TO FLAT, FOR #2 SOLID CU. WIRE TO BOX GROUND                                                                                                                                 | BURNDY               | KC22                 |     |           |                    |
| 0                                        | 14X   | TBD | EA  | GROUNDING CLAMP FOR #2 TINNED SOLID CU TO FENCE 1 5/8" OD TOP RAIL, BURNDY                                                                                                                             | BURNDY               | GAR1726              |     |           |                    |
| 0                                        | 14Y   | TBD | EA  | GROUNDING CLAMP FOR 4/0 BARE STRANDED CU TO FENCE 2 1/2" LIGHTNING MASTS                                                                                                                               | BURNDY               | GAR1729              |     |           |                    |
| 0                                        | 34A   | TBD | EA  | GROUNDING CLAMP FOR TWO CABLES #6 THRU 300MCM AWG, 19 STRAND, CU. TO FLAT BAR, TIN PLATED ,0204 THRU .063 DIA.                                                                                         | SEFCOR               | GTC2-14-SND          |     |           |                    |
| 0                                        | 34D   | TBD | EA  | GROUNDING CONNECTOR, TAP CONNECTOR,COMPRESSION 4/0 BARE STRANDED CU. TO #2 TINNED SOLID CU.                                                                                                            | BURNDY               | YGHC29C26            |     |           |                    |
| 0                                        | 34F   | TBD | EA  | GROUNDING CLAMP FOR 4/0 BARE STRANDED CU TO FENCE 4" IPS GATE POST,                                                                                                                                    | BURNDY               | GAR2229              |     |           |                    |
| 0                                        | 34G   | TBD | EA  | GROUNDING BRAID CLAMP FOR GROUNDING BRAID ON FENCE GATES,                                                                                                                                              | HUBBELL              | GC10905              |     |           |                    |
| 12.5KV MAJOR EQUIPMENT, STEEL, & BUSWORK |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
| 16 -CIRCUIT BREAKER                      |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
| 0                                        | 16A   | 6   | EA  | 15.5KV BREAKER, 1250A, 20KA, R-MAG VACUUM CIRCUIT BREAKER                                                                                                                                              | MYERS POWER PRODUCTS | FVR1121140A-1C2-0011 | YES | DELIVERED |                    |
| 17-SURGE ARRESTERS                       |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
| 0                                        | 17A   | 9   | EA  | SURGE ARRESTERS, DUTY CYCLE 10KV RATED VOLTAGE - STATION CLASS, 8.4KV MAXIMUM SYSTEM OPERATION VOLTAGE (MCOV) - 15-KV, SOLIDLY GROUNDED NEUTRAL SYSTEM, AVAILABLE FAULT CURRENT LESS THAN 30,000 AMPS. | COOPER               | USAA010008A1045A11   |     |           |                    |
| 18 -VT                                   |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
| 0                                        | 18    | 2   | EA  | ENCLOSURE,ENCLOSURE,OUTDOOR,NEMA 3R, 24" HT X 24" WD X 8" DP,ALUM, W/ HEATHER, W/ DRAW PULL CATCH LATCHES                                                                                              | HOFFMAN              | A24H2408ALLP         |     |           |                    |
| 0                                        | 18A   | 6   | EA  | VOLTAGE TRANFORMERS, OUTDOOR, 110-KV BIL, 7200/12470GY PRIMARY VOLTAGE, 60:1 RATIO, 0.3W,X,M,Y,Z METERING ACCURACY                                                                                     | ABB                  | E-7525A95G01         |     |           |                    |
| 0                                        | 18B   | TBD | EA  | NUT,CHANNEL, 3/8" DIA, 16 UNC, W/ SPRING, 1- 5/8" WD CHANNEL, ZINC PLTD STL (VT ENCLOSURE MTG.)                                                                                                        | UNISTRUT             | P1008                |     |           |                    |
| 0                                        | 18C   | TBD | FT  | 4/0 AWG, 19 STRAND, CU.                                                                                                                                                                                | SOUTHWIRE            | TBD                  |     |           |                    |
| 19 -INSULATORS                           |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
| 0                                        | 19A   | TBD | EA  | STATION POST INSULATOR, POLYMER, 15KV, CANT. RATING 2000 LBS., PROCELAIN EQUIV. (TR-205), 10" HIGH, 3" B.C. TOP/BOTTOM, LEAKAGE DISTANCE 20.5" MIN.                                                    | MPS                  | NPP20XG07S           |     |           |                    |
| 0                                        | 19A-1 | TBD | EA  | SAME AS ITEM 19A, SPARE                                                                                                                                                                                | MPS                  | NPP20XG07S           |     |           |                    |
| 0                                        | 19D   | TBD | EA  | DEAD-END SUSPENSION INSULATOR 15KV COMPOSITE, ANSI 52-4                                                                                                                                                | MCLEAN POWER SYSTEMS | DS-15M               |     |           |                    |
| 0                                        | 19E   | TBD | EA  | Y CLEVIS EYE                                                                                                                                                                                           | HUBBELL              | YCS04                |     |           |                    |
| 0                                        | 19F   | TBD | EA  | Y CLEVIS, ROTATED 90 DEGREES                                                                                                                                                                           | HUBBELL              | YCC3090              |     |           |                    |
| 0                                        | 19G   | TBD | EA  | TURN BUCKLE, JAW & EYE ENDS, 3/4" X 6" W/JAM NUTS                                                                                                                                                      | HUBBELL              | TB34JE6BNKLN         |     |           |                    |
| 20 -FUSE DISCONNECT                      |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
| 0                                        | 20A   | 2   | EA  | SWITCH, POWER FUSE DISCONNECT, SMD-20, 15.5KV, 110KV BIL, POYMER, 7.1KA, SYM, 10KA ASYM, PARALLEL GROOVE EXT. 7.1KA BRACKET                                                                            | S&C                  | 92122R3-D            |     |           |                    |
| 21 -POWER FUSE                           |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
| 0                                        | 21A   | 2   | EA  | FUSE STD. SPEED LINK, 7.5A POWER FUSE TO BE USED WITH ITEM 20A @ STATION SERVICE LOCATION                                                                                                              | S&C                  | 702012               |     |           |                    |
| 22 - 12KV STEEL STRUCTURES               |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
| 0                                        | 22A   | 2   | EA  | BAY BACKBONE STR                                                                                                                                                                                       | TBD                  | TBD                  |     |           |                    |
| 0                                        | 22B   | 2   | EA  | 3 PHASE 12KV BUS SUPPORT                                                                                                                                                                               | TBD                  | TBD                  |     |           |                    |
| 0                                        | 22C   | 5   | EA  | TERMINATION SUPPORT STRUCTURE,                                                                                                                                                                         | TBD                  | TBD                  |     |           |                    |
| 0                                        | AB-2  | TBD | LOT | ANCHOR BOLTS & TEMPLATES FOR ITEMS 22A & 22C                                                                                                                                                           | TBD                  | TBD                  |     |           |                    |
| 23-12KV BUS & BUSWORK                    |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
| 0                                        | 23A   | 80' | FT  | SEE 13J, 2" SCHD, 40 BUS PIPE, 40'-0" LENGTHS, 6063 T6, BBB                                                                                                                                            | AFL                  | TBD                  |     |           | CHECK MAX BUS SPAN |
| 0                                        | 23B   | TBD | EA  | BUS SUPPORT CLAMP, BOLTED, FIXED OR SLIP, 2- INCH BUS, 3 INCH BOLT CIRCLE                                                                                                                              | DMC                  | PLK2230032E1         |     |           |                    |
| 0                                        | 23C   | TBD | EA  | TEE, NEMA 4"-4-HOLE PAD TO 2-INCH BUS SPLIT BODY,                                                                                                                                                      | DMC                  | PLK5100D32E2         |     |           |                    |
| 0                                        | 23D   | TBD | EA  | TERMINAL, CENTERFORMED, 2" BUS TO 4"-4-HOLE PAD,                                                                                                                                                       | DMC                  | PLK1850D32B          |     |           |                    |
| 0                                        | 23E   | TBD | FT  | 795 ACSR (26/7) CABLE "DRAKE"                                                                                                                                                                          | SOUTHWIRE            | TBD                  |     |           |                    |
| 0                                        | 23E-1 | TBD | EA  | OFFSET BARREL TERMINAL TO 4", 4-HOLE NEMA PAD FOR 795 ACSR (26/7) CABLE "DRAKE"                                                                                                                        | DMC                  | CPLK9442D09000S      |     |           |                    |
| 0                                        | 23E-2 | TBD | EA  | 45" BARREL TERMINAL TO 4", 4-HOLE NEMA PAD FOR 795 ACSR (26/7) CABLE "DRAKE"                                                                                                                           | DMC                  | CPLK9444D09000S      |     |           |                    |
| 0                                        | 23F   | TBD | EA  | SINGLE CABLE SUPPORT FOR "BUNTING" CABLE WITH 3" B.C.                                                                                                                                                  | DMC                  | CL451D12720E1S       |     |           |                    |
| 0                                        | 23G   | TBD | EA  | END CAP, 2-INCH BUS                                                                                                                                                                                    | DMC                  | PLK1350D32           |     |           |                    |
| 0                                        | 23M   | TBD | EA  | BUS SUPPORT, 3" B.C. TO NEMA 4-HOLE PAD                                                                                                                                                                | SPECIAL MAKE         |                      |     |           |                    |
| 0                                        | 23Q   | TBD | EA  | TEE, 1192.5 ACSR TO 1192.5 ACSR TAP, SPLIT RUN TO TAP REDUCER                                                                                                                                          | DMC                  | CL731D12720-12720S   |     |           |                    |
| 0                                        | 23R   | TBD | EA  | SPLIT RUN TEE "BUNTING" RUN TO "DRAKE" TAP                                                                                                                                                             | DMC                  | CL731D12720-09000S   |     |           |                    |
| 0                                        | 23T   | TBD | EA  | DEAD-END, SINGLE PAD FOR 1192.5 ACSR "BUNTING" (45/7) CABLE                                                                                                                                            | DMC                  | DC99-225-6215-E3     |     |           |                    |
| 0                                        | 23U   | TBD | FT  | 1192.5 ACSR (45/7) CABLE "BUNTING"                                                                                                                                                                     | SOUTHWIRE            | TBD                  |     |           |                    |
| 0                                        | 23V   | TBD | EA  | SEE 12R, OFFSET BARREL TERMINAL TO 4", 4-HOLE NEMA PAD FOR 1192.5 ACSR "BUNTING" (45/7) CABLE                                                                                                          | DMC                  | CPLK9442D12720S      |     |           |                    |
| 0                                        | 23V-1 | TBD | EA  | 90" BARREL TERMINAL TO 4", 4-HOLE NEMA PAD FOR 1192.5 ACSR "BUNTING" (45/7) CABLE                                                                                                                      | DMC                  | CPLK9449D12720S      |     |           |                    |
| 0                                        | 23V-2 | TBD | EA  | 45" BARREL TERMINAL TO 4", 4-HOLE NEMA PAD FOR 1192.5 ACSR "BUNTING" (45/7) CABLE                                                                                                                      | DMC                  | CPLK9444D12720S      |     |           |                    |
| 0                                        | 23W   | TBD | EA  | TEE, 1192.5 ACSR TO 4/0 AWG TAP, SPLIT RUN TO TAP REDUCER (VT (6))                                                                                                                                     | DMC                  | CL731D12720-00040S   |     |           |                    |
| 0                                        | 23X   | TBD | FT  | WIRE, 2 AWG, ELECTRICAL                                                                                                                                                                                | SOUTHWIRE            | TBD                  |     |           |                    |
| 0                                        | 23Y   | TBD | EA  | CABLE CLAMP SUPPORT #2 AWG, 3" B.C. TIN PLATED                                                                                                                                                         | DMC                  | CL459D00002E1S       |     |           |                    |
| 0                                        | 23Z   | TBD | EA  | TEE, 1192.5 ACSR TO #2 AWG, SPLIT RUN TO TAP REDUCER                                                                                                                                                   | DMC                  | CL731D12720-00001S   |     |           |                    |
| 24-12KV-DISC. SWITCHES                   |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
| 0                                        | 24A   | 21  | EA  | HOOK SWITCH, 15-KV NOMINAL VOLTAGE, 1200 AMP, 110-KV BIL, WITH INSULATORS (TR205), MACLEAN CATALOG NO. NPP20XG07S OR EQUIVALENT, ( TO STR. 22A), SINGLE PHASE                                          | TBD                  | TBD                  |     |           |                    |
| FENCE                                    |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
| 0                                        |       | TBD | LOT | SUBSTATION FENCING                                                                                                                                                                                     | TBD                  | TBD                  |     |           |                    |
| RACEWAY                                  |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
| 0                                        |       | TBD | LOT | RACEWAY MATERIAL                                                                                                                                                                                       | TBD                  | TBD                  |     |           |                    |
| ADDITIONALITEMS                          |       |     |     |                                                                                                                                                                                                        |                      |                      |     |           |                    |
| 0                                        |       | TBD | LOT | HOT DIPPED GALVANIZED BOLTS FOR MOUNTING EQUIPMENT                                                                                                                                                     |                      |                      |     |           |                    |
| 0                                        |       | TBD | LOT | STAINLESS STEEL HARDWARE FOR ELECTRICAL CONNECTIONS                                                                                                                                                    |                      |                      |     |           |                    |

NO GOOD - QTY OF U.O.M. DIFFERENT

MMI 37 Modifications