



26 October 2023

Pine Knoll Shores
Public Safety Roof Replacement

Clarification Notice 1

This clarification notice is issued to bidders as to inform all bidders of answers to recent bidder questions:

- Clarification: Provide new extension roof curbs mounted on top of existing roof curbs to elevate new roof-top units to above new standing seam over-roof. The roof-top units shall be supported by the existing roof curb and roof, not the new over-roof system. The manufacturer of the new extension roof curbs shall provide shop drawings for the curbs that are sealed by a registered professional structural engineer and designed to secure the roof-top units as required for the wind and seismic loads of the project location.
- BD-1 equipment wiring schedule attached for Contractor convenience.
- Any required relocation of antennas will be handled by the Owner.
- Specs 074113 1.10 B – Special weather tightness warranty period is 2 years.

End of Clarification Notice 1

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10/26/23 DATE

BD-1

PKS Public Safety Reroof

Pine Knoll Shores, NC

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 3305-109 DURHAM DRIVE

BURKE DESIGN GROUP, PA

| PKS Reroof BE1 EXISTING PANEL- NP2 | | MAKE: <u>SQUARE D</u> TYPE: <u>NQOD</u> | | RATING: <u>208/120V 3 PHASE 4 WIRE</u> MOUNTING: <u>SURFACE</u> MINIMUM AIC: <u>10,000A</u> | | | MLO MAIN CIRCUIT BREAKER EQUIPMENT GROUND BUS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO SERVICE ENTRY RATED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | | | | |
|--|----------------|--|-----|---|--------|---------------|---|-----------------|-----|-----|-----------------------------|--------------|
| LOAD SERVICE | CKT BRKR | WATTS PER PHASE | | | CKT NO | NEUTRAL A B C | CKT NO | WATTS PER PHASE | | | CKT BRKR | LOAD SERVICE |
| | | A | B | C | | | | A | B | C | | |
| LIGHTING | 20A | --- | | | 1 | | 2 | --- | | | 20A | RECEPTACLES |
| LIGHTING | 20A | | --- | | 3 | | 4 | | --- | | 20A | RECEPTACLES |
| LIGHTING | 20A | | | --- | 5 | | 6 | | | --- | 20A | RECEPTACLES |
| LIGHTING | 20A | --- | | | 7 | | 8 | --- | | | 20A | RECEPTACLES |
| LIGHTING | 20A | | --- | | 9 | | 10 | | --- | | 20A | RECEPTACLES |
| LIGHTING | 20A | | | --- | 11 | | 12 | | | --- | 20A | RECEPTACLES |
| LIGHTING | 20A | --- | | | 13 | | 14 | --- | | | 20A | RECEPTACLES |
| LIGHTING | 20A | | --- | | 15 | | 16 | | --- | | 20A | RECEPTACLES |
| EMERGENCY/EXIT LIGHTING | 20A | | | --- | 17 | | 18 | | | --- | 20A | RECEPTACLES |
| RANGE | 20A | | | --- | 19 | | 20 | --- | | | 20A | RECEPTACLES |
| RECEPTACLES | 20A | --- | | | 21 | | 22 | | --- | | 30A | DRYER |
| RECEPTACLES | 20A | | --- | | 23 | | 24 | | | --- | | WASHER |
| RECEPTACLES | 20A | | | --- | 25 | | 26 | --- | | | 20A | RECEPTACLES |
| DISHWASHER | 20A | | --- | | 27 | | 28 | | --- | | 20A | RECEPTACLES |
| RECIRC PUMP | 20A | | | --- | 29 | | 30 | | | --- | 20A | RECEPTACLES |
| SPACE | | --- | | | 31 | | 32 | --- | | | 20A | RECEPTACLES |
| RTU-1 | 25A | | --- | | 33 | | 34 | | --- | | 20A | FANS |
| | | | | --- | 35 | | 36 | | | --- | 20A | EWC |
| RTU-2 | 35A | | --- | | 37 | | 38 | --- | | | 50A | RTU-3 |
| | | | | --- | 39 | | 40 | | --- | | | |
| | | | | --- | 41 | | 42 | | | --- | | |
| NOTES | SUB-TOTALS 'B' | | | | | | 225A BUS | --- | --- | --- | SUB-TOTALS 'A' | |
| | | | | | | | 225A LUGS | --- | --- | --- | SUB-TOTALS 'B' | |
| | | | | | | | 200A FEED | --- | --- | --- | GRAND TOTAL | |
| | | | | | | | VERIFY SIZE | --A | --A | --A | AMPS/PHASE | |
| | | | | | | | | | | | TOTAL CONNECTED LOAD | |

PKS Reroof BE1

EQUIPMENT WIRING SCHEDULE

| EQUIPMENT | MCA | MOCPP | VOLTS | PH | WIRE SIZE |
|-----------|-------|-------|-------|----|----------------------------------|
| RTU-1 | 16.7A | 25A | 208V | 1 | 2-#10, 1-#10 GND IN 3/4" CONDUIT |
| RTU-2 | 26A | 35A | 208V | 3 | 3-#8, 1-#10 GND IN 3/4" CONDUIT |
| RTU-3 | 42A | 50A | 208V | 3 | 3-#8, 1-#10 GND IN 3/4" CONDUIT |

NOTE:
 THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT ELECTRICAL REQUIREMENTS
 PRIOR TO ROUGH-IN AND RELEASING GEAR. ADJUST BREAKER, WIRE SIZES, ETC. AS REQUIRED.

THE INFORMATION SHOWN ON THIS DRAWING IS FROM PREVIOUS PERMIT DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND FIELD VERIFYING ALL RELEVANT INFORMATION. THE SUBMISSION OF A BID INDICATES ACCEPTANCE OF EXISTING CONDITIONS. NOTIFY THE ENGINEER OF ANY DISCREPANCIES NOTED.